

DESIGN-BUILD CONTRACT

EXHIBIT 1 - DEFINITIONS

1. **Applicable Law** means any and all federal, state, and local legal requirements applicable to the Design and Construction Services and the Work, whether arising at law, in equity, or under any statute, regulation, ordinance or other legal requirement.
2. **Architect** means the architect of record engaged by the Design-Builder or other Subcontractors engaged by Design-Builder to perform architectural services on the Courts Project. Architect does not mean the Design Criteria Developer or other Advisors referenced in the RFQ or representatives of The City.
3. **Basis of Design Documents** means the documents and information listed in Section 2.02 of the Design-Build Contract.
4. **Bond Bank** means the Indianapolis Public Improvement Bond Bank created in 1985 pursuant to Indiana Code Section 5-1.4-3-1.
5. **Budget** means the budget for the Courts Project as described in Section 2.2 of the RFP.
6. **Building and Construction Trades Department, AFL-CIO** means that department of the American Federation of Labor and/or Congress of Industrial Organizations as it exists from time-to-time, its and their affiliated unions, whose focus is in whole or in part the North American construction industry, also known as North American Building Trades Union Department of the AFL-CIO.
7. **Building Authority** means the Indianapolis-Marion County Building Authority created in 1953 pursuant to Chapter 54 of the Acts of the Indiana General Assembly for 1953, now cited as Indiana Code Section 36-9-13-1, et. seq.
8. **Certificate of Substantial Completion** means a certificate issued by The City certifying that it agrees the Work on the Courts Project has reached Substantial Completion.
9. **Change** means a Change as defined in Section 17.01 of the Design-Build Contract. A Change does not include any constructive change, Cardinal Change, or change by conduct of the parties, each of which is expressly waived and excluded from the Design-Build Contract.
10. **Change Directive** means a Change Directive as defined in Section 17.03 of the Design-Build Contract.
11. **Change Order** means a Change Order as defined in Section 17.02 of the Design-Build Contract.
12. **City or the City of Indianapolis** means the City of Indianapolis established in 1821, and includes its assignees under the Design-Build Contract or other governing agreement for the Courts Project, as well as, the TRC where appropriate under the Design-Build Statute. Where the term Owner is used in the Contract Documents or RFP Documents, the Owner means the City.
13. **Claim** means a Claim as defined in Section 17.06 of the Design-Build Contract.
14. **Community Justice Campus or CJC** means a new campus of civil and criminal justice facilities at the Site recommended by the Task Force as part of the City of Indianapolis' initiative for holistic, data-driven criminal justice reform.
15. **Contract Price** means the total, not-to-exceed, compensation for DESIGN-BUILDER's performing the Design and Construction Services and completing all of the Work for the amount stated in Section 5.01 of the Design-Build Contract.

- 16. Contract Time** means the amount of time for DESIGN-BUILDER to perform the Design and Construction Services and complete the Work as stated in Section 4 of the Design-Build Contract.
- 17. County** means the County of Marion in the State of Indiana.
- 18. Consolidated Civil and Criminal Courthouse or Consolidated Courthouse** means a consolidated civil and criminal courthouse co-located with the new Jail.
- 19. Construction Documents** means drawings, specifications, and other design deliverables reasonably requested by the City and/or exhibits consistent with the Basis of Design Documents and depicting the design of the Courts Project at approximately 90% complete and shall constitute the final design plans and specifications for purposes of The City's need to obtain approval from the Site Design Committee.
- 20. Construction Services** when used without Design Services means all construction, labor, material, equipment, tools, and other services necessary to complete the Work in conformance with the Contract Documents.
- 21. Courts Project** means the design and construction of a consolidated courthouse on the CJC.
- 22. Department of Public Works** means the Indianapolis Department of Public Works created in 2001 pursuant to Indiana Code Section 36-3-4-23.
- 23. Design and Construction Services** means all design, engineering, other professional, and construction services including but not limited to all professional services, material, equipment, tools, labor, and other services necessary to complete the Work in conformance with the Contract Documents.
- 24. Design Criteria** means information prepared by the Design Criteria Developer for the Design Criteria Package.
- 25. Design Services** means all design, engineering, and other professional services necessary to complete the Work in conformance with the Contract Documents.
- 26. Design-Build Contract** means the Design-Build Contract executed by the DESIGN-BUILDER and The City for the Courts Project.
- 27. Design-Build Statute** means Indiana Code Section 5-30, *et. seq.*
- 28. Design-Builder or DESIGN-BUILDER or Contractor** means the Lead Design-Build Entity that is awarded the Design-Build Contract.
- 29. Design Certificate** means a certificate received from the Site Design Committee stating the design plans and specifications comply with the Site Design Standards as defined under the Ground Lease.
- 30. Differing Site Condition** means a subsurface or underground condition at the Site that is:
(a) materially different from the conditions shown in, or reasonably inferable from, the Contract Documents; or (b) so unusual as to constitute a condition that is not generally found on a project site for a similar project within central Indiana.
- 31. Drawings** means the drawings submitted or verified by DESIGN-BUILDER in its response to the RFP that become part of the Basis of Design Documents through final negotiations with The City as authorized by the Design-Build Statute.
- 32. Eligible Parties** are parties that are eligible to enroll in the OCIP. Specifically, the Contractor, and Subcontractors performing a portion of the Work on the Site.
- 33. Engineer** means the engineer of record engaged by the Design-Builder or other Subcontractors engaged by Design-Builder to perform engineering services on the Courts Project. Engineer does not mean the Design Criteria Developer or other Advisors referenced in the RFQ or representatives of The City.

- 34. Enrolled Parties** are Eligible Parties that have been approved to enroll and have enrolled in the OCIP.
- 35. Excluded Parties** are parties that are not eligible to enroll in the OCIP, and who are excluded from the OCIP, including:
- a) Hazardous materials remediation, removal and/or transport companies and their consultants;
 - b) Architects, surveyors, engineers, and soil testing engineers, and their consultants;
 - c) Vendors, suppliers, fabricators, material dealers, truckers, haulers, drivers and others who merely transport, pick up, deliver, or carry materials, personnel, parts or equipment, or any other items or persons to or from the Site;
 - d) Any Subcontractor of any tier that does not perform any actual labor on the Site; and
 - e) Any other party or entity not specifically identified herein, that is excluded by The City in its sole discretion, even if such party or entity is otherwise eligible.
- 36. Exhibit** means documents attached to and referenced in the RFP or the Design-Build Contract, as applicable.
- 37. Final Completion** means the completion of all Work in conformance with the Contract Documents, including all punch list items and the delivery of all closeout documents to The City as required by the Contract Documents.
- 38. Final Design Development Documents** means drawings, specifications, and other design deliverables reasonably requested by the City and/or exhibits consistent with the Basis of Design Documents and depicting the design of the Courts Project at approximately 60% complete.
- 39. Final Payment Application** means application for payment submitted by the DESIGN-BUILDER to The City pursuant to the Design-Build Contract submitted at the completion of the Work as outlined in Section 14.15 of the Design-Build Contract.
- 40. Grievance Resolution Process** means the process the DESIGN-BUILDER and each of its subcontractors, suppliers, and laborers must have in place addressing how its employees' grievances will be addressed and resolved for their employees working on the Courts Project.
- 41. Hazardous Material** means any hazardous, special, radioactive or toxic substance, material or waste which is or becomes regulated by any local government authority, the State of Indiana or the United States Government. The term "hazardous material" includes, without limitation, any material or substance which is (i) defined as a "hazardous substance" under I.C. 13-11-2-98 of the Indiana Hazardous Substance Response Trust Fund Act, (ii) petroleum, (iii) asbestos, (iv) designated as a hazardous substance pursuant to the Federal Water Pollution Control Act (33 U.S.C. § 1251 et seq.), (v) defined as a "hazardous waste" pursuant to the Federal Resource Conservation and Recovery Act (42 U.S.C. § 6901 et seq.), (vi) defined as a "hazardous substance" pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (42 U.S.C. § 9601 et seq.), (vii) defined as a "regulated substance" pursuant to the Solid Waste Disposal Act (42 U.S.C. § 6991 et seq.), (viii) defined as a toxic "chemical substance" pursuant to the Toxic Substance Control Act (7 U.S.C. § 136 et seq.), (ix) defined as a "hazardous chemical" or "hazardous substance" pursuant to the Emergency Planning and Community Right to Know Act (42 U.S.C. § 11001 et seq.) or (x) defined as a "radioactive waste" pursuant to the Atomic Energy Act (42 U.S.C. § 2011 et seq.).
- 42. Indiana Access to Public Records Act** means, collectively, Indiana Code 5-14-3 and relevant provisions of Indiana Code 8-15.5-4-2, 6 and 13.

- 43. Indianapolis Metropolitan Statistical Area** means the 11-county metropolitan statistical area in the State of Indiana, also known as the Indianapolis-Carmel-Anderson metro area, designated by the Office of Management and Budget under the President of the United States.
- 44. Jail** means the adult detention center consisting of a 2,700 bed-jail to replace current detention facilities, with design elements that increase safety for jail staff and inmates by facilitating improved admission and inmate management. It includes an additional 300 beds for medical and related purposes as described in the RFQ for the Jail Project.
- 45. Jail Project** means the project to design and construct the Jail on the CJC.
- 46. M/W/V/DO/BE** means minority business enterprise, women business enterprise, veteran owned business enterprise, and disability owned business enterprise collectively and as referenced in the City Code and used by the City's Office of Minority & Women Business Development.
- 47. Mayor** means Joe Hogsett, the Mayor of the City of Indianapolis.
- 48. Minor Change** means a Minor Change as defined in Section 17.04 of the Design-Build Contract.
- 49. Nonconforming Work** means Work that fails to comply with the Contract Documents.
- 50. Notice to Proceed** means a written notice from The City to the DESIGN-BUILDER informing the DESIGN-BUILDER that it is to commence the Design and Construction Services and the Work. The City may issue partial or multiple Notices to Proceed.
- 51. Notification** means Notification as defined in Section 9.02.1 of the Design-Build Contract.
- 52. Notification Procedure** means Notification as defined in Section 9.02 of the Design-Build Contract.
- 53. OCIP** means an owner controlled insurance program.
- 54. Offeror** has the meaning set forth in Indiana Code Section 5-30-1-8.
- 55. Owner** means The City or its assignee(s).
- 56. Owner's Representative** means Shrewsberry & Associates LLC.
- 57. Payment Application** means an application for payment submitted by the DESIGN-BUILDER to The City pursuant to the Design-Build Contract.
- 58. Payment Bond** means the payment bond issued by the surety for the DESIGN-BUILDER pursuant to the Design-Build Contract.
- 59. Performance Bond** means the performance bond issued by the surety for the DESIGN-BUILDER pursuant to the Design-Build Contract.
- 60. Plan for the Settlement of Jurisdictional Disputes in the Construction Industry** has the meaning in Section 8.02 of the Design-Build Contract.
- 61. Progress Payment** means payments made to DESIGN-BUILDER throughout the course of the Courts Project prior to Final Completion and final payment.
- 62. Proposal** has the meaning set forth in Indiana Code Section 5-30-1-10.
- 63. Protected Characteristics** means Protected Characteristics as defined in Section 9.05 of the Design-Build Contract.
- 64. Public Project** has the meaning set forth in Indiana Code Section 5-30-1-12 and also includes any federal projects.
- 65. Reference Information or Reference Information Documents** means Reference Information or Reference Information Documents issued with the RFP.

- 66. Request for Proposals or RFP** means the request for proposals issued by the City pursuant to Chapter 6 of the Design-Build Statute for the Courts Project.
- 67. RFP Documents** means the RFP Documents defined in the RFP for the Courts Project.
- 68. Schedule** means the schedule submitted by the Design-Builder with its Qualitative Proposal and agreed modifications to that schedule through negotiations prior to execution of the Design-Build Contract as authorized by the Design-Build Statute, if any.
- 69. Schedule of Values** means the schedule of values submitted by the Design-Builder and approved by the Owner's Representative as referenced in Articles 11 and 14 of the Design-Build Contract.
- 70. Site or Project Site** means the site of the Community Justice Campus, which is the former Citizens Energy Group Coke Plant on the east side of Indianapolis. See Exhibit B to the request for qualifications for the Courts Project.
- 71. Site Enabling Project** means the City's project for certain utility, earthwork and related improvements to the Site to facilitate the Design-Build Contract services. The Site Enabling Project is being delivered under a separate contract from the Design-Build Contract.
- 72. Specifications** means the specifications submitted or verified by DESIGN-BUILDER as an Offeror in its Qualitative Proposal that become part of the Basis of Design Documents through final negotiations with The City as authorized by the Design-Build Statute.
- 73. Stakeholder** means the internal stakeholders identified in the Task Force's Criminal Justice Reform Summary Report, dated December 12, 2016 and additional stakeholders for the Jail Project or the Courts Project as identified from time to time.
- 74. Subcontractor** means a person, partnership, company, or other organization which is not in the employment of or owned by the DESIGN-BUILDER but is expected to perform part of Design and Construction Services and/or the Work pursuant to a separate contract entered into by and between the Subcontractor and DESIGN-BUILDER. The term Subcontractor includes subcontractor(s) of any contract tier under the DESIGN-BUILDER.
- 75. Substantial Completion** means the stage of the Work where, in the opinion of The City, all items of the Work (or specified portion thereof) necessary to enable the Courts Project to be utilized without significant restrictions for the purpose for which it was constructed have been completed. All pay items shall be completely installed and all necessary testing as required by Applicable Law and/or Contract Documents shall have been completed. Substantial Completion may be evidenced by a certificate thereof issued by The City.
- 76. Work** means the work necessary for constructing the Courts Project as described in, and in conformance with, the Contract Documents, including but not limited to all labor, tools, material, equipment and other work necessary to construct the Courts Project.

PROJECT AGREEMENT

THIS PROJECT AGREEMENT (the "**Agreement**") is made as of December 17th, 2017 (the "**Effective Date**"), by and between the Consolidated City of Indianapolis and Marion County, Indiana (collectively, the "**City**"), and the Department of Public Utilities for the City of Indianapolis, acting by and through the Board of Directors for Utilities (the "**Citizens Board**"), as successor trustee, in furtherance of a public charitable trust d/b/a Citizens Energy Group ("**Citizens**") (each sometimes being referred to herein as a "**Party**" or collectively as the "**Parties**").

ARTICLE I. RECITALS

A. On May 11, 2016, Indianapolis Mayor Joe Hogsett signed Executive Order No. 4, 2016, launching the Indianapolis Criminal Justice Reform Task Force (the "**Task Force**"), whose mission was to assess, research, examine, and ultimately report recommendations for the systemic reform and optimization of the current county criminal justice system.

B. On December 12, 2016, the Task Force produced a report recommending a series of reforms to the criminal justice system in Indianapolis and Marion County that will improve health and safety, prevent crime, and redirect offenders back to a successful life in the community at the earliest possible point in time and that would require the construction of several new public facilities, that may include an assessment and intervention center, a consolidated county jail, a courts facility, a professional office building and such other facilities and improvements which the City may determine are beneficial or useful (collectively, the "**Community Justice Facilities**").

C. Citizens or its affiliated entities own real property located in Indianapolis that is generally depicted on Exhibit A (the "**Citizens Property**"). Citizens formerly operated a plant that used coal to manufacture gas for delivery to its gas distribution system (the "**System**") and to manufacture other by-products on some of the parcels comprising the Citizens Property, specifically the Core Properties and PPE, as defined below.

D. The City has determined it is desirable to locate the Community Justice Facilities and other improvements related to the economic development of Indianapolis on all or portions of the Citizens Property (collectively the land and improvements to be used in connection with the Community Justice Facilities are referred to as, the "**Project**").

E. The Parties acknowledge that the portions of the Citizens Property identified on Exhibit A as Pleasant Run Crossing North, Pleasant Run Crossing South, Pleasant Run Crossing (the "**Core Properties**") and Prospect Place East ("**PPE**") are currently enrolled in the Indiana Department of Environmental Management's ("**IDEM**") Voluntary Remediation Program (the "**VRP**"). In order to complete the requirements of the VRP, to obtain a Certificate of Completion (the "**Certificate**") issued by IDEM and a Covenant Not To Sue executed by the Office of the Governor of the State of Indiana (the "**Covenant Not To Sue**") and to ready the Core Properties and PPE for commercial redevelopment, Citizens submitted to IDEM a

Remediation Work Plan for PPE on April 30, 2010, which was approved on March, 1, 2011 (the "**2011 RWP**"),¹ and a Remediation Work Plan for the Core Properties on July 31, 2017, which was amended on November 3, 2017 (the "**RWP**").

F. The Parties desire to enter into this Agreement to facilitate the construction and completion of the Project, the approval and completion of the RWP, and the conveyance of the Citizens Property to the City, all in accordance with, and subject to, the terms and conditions set forth herein.

NOW, THEREFORE, for the consideration hereinafter described, the Parties hereto hereby agree as follows:

ARTICLE II. SITE DEVELOPMENT PLANS

A. Approval of Site Development Plans. On or before January 31, 2018, the City shall submit to Citizens preliminary design drawings and plans and specifications that depict the footprint of improvements that are anticipated at that time to be constructed on the Core Properties which shall include (i) proposed plans for the relocation of any existing utility lines or utility easements located on the Core Properties (all subject to the provisions outlined in Article VI), (ii) the location of any new easements requested by the City on the Core Properties, (iii) a site plan showing finished grades, drainage scheme, and the location of the Community Justice Facilities and other related or supportive facilities on the Core Properties, and (iv) any other information related to the development of the Project that will require the disturbance or movement of soil at the Core Properties ((i), (ii), (iii) and (iv) collectively, "**Site Development Plans**"). Citizens shall have sixty (60) days from receiving the Site Development Plans to determine if, in its reasonable discretion, the Site Development Plans: (i) are reasonably consistent with Citizens' obligations in the approved RWP, (ii) are not reasonably expected to increase Citizens' costs of implementing and completing the RWP, (iii) are reasonably expected to comply with the terms of the Environmental Agreement (as defined herein), and (iv) are not reasonably expected to trigger additional potential liability or costs to Citizens under any federal, state or local law (collectively, the "**Citizens Site Impact Approvals**"). If Citizens fails to provide its written approval or disapproval of the Site Development Plans within the sixty (60) day period, Citizens shall be deemed to have disapproved the Site Development Plans. In the event Citizens approves the Site Development Plans, such approval shall not be deemed consent to an obligation or waiver of any rights of Citizens in Article VI regarding infrastructure improvements or the installation of any utilities to the Project. Prior to obtaining the Citizens Site Impact Approvals, the City shall have the right to proceed with the Project on the Core Properties, including planning and procurement, site work and initial development work; provided the City ultimately complies with Citizens Site Impact Approvals and compensates and indemnifies Citizens for all loss, claims and damages arising from City's work on the Project occurring prior to receipt of the Citizens Site Impact Approvals, including City's non-compliance with the Citizens Site Impact Approvals, as finally provided by Citizens. Citizens

¹ On December 5th, 2016, Citizens submitted a Remediation Completion Report for PPE to IDEM reflecting the fact Citizens has completed the work required in the 2011 RWP. By letter dated April 27, 2017, IDEM provided comments to the PPE Remediation Completion Report and Citizens is working with IDEM to resolve IDEM's comments, which is anticipated to be resolved by the second quarter of 2018.

acknowledges that the City has informed Citizens that the City's current Project plan only contemplates the construction of an assessment and intervention center, a consolidated county jail, and a courts facility and that the City's failure to provide design drawings and plans and specifications beyond those facilities shall not be a basis for disapproval of the Site Development Plans. The parties agree to cooperate in good faith prior to the timeframes outlined in this Section II.A with respect to the City providing drafts of preliminary design drawings and plans and specifications, and for feedback on the same, to provide for the potential of Citizens delivering its Citizens Site Impact Approvals prior to the period for review outlined above, and/or for the City to be better informed as to Citizens' views so as to determine whether to proceed with Project planning and procurement on the Core Properties prior to the Citizens Site Impact Approvals pursuant to the preceding sentence. If Citizens disapproves or is deemed to have disapproved the Site Development Plans, both Parties shall appoint representatives to work together utilizing best efforts, acting reasonably and in good faith, to address changes to the Site Development Plans that will resolve any issues with the Citizens Site Impact Approvals (a "**Revised Site Development Plan**"). If, despite such good faith efforts, the Parties cannot reach a mutually agreeable Revised Site Development Plan within thirty (30) days of the City's receipt of Citizens' disapproval of the Site Development Plans, either Party shall have the right to terminate this Agreement through written notice to the other Party. Any mutually agreeable Revised Site Development Plan shall be considered the Site Development Plans for purposes of this Agreement, the Ground Lease, and the Environmental Agreement. The Site Development Plans, once approved, will be attached to the Ground Lease (as defined herein) as an exhibit. The Parties agree that a similar site impact approval process shall be implemented for PPE.

B. Changes to the Site Development Plans. Any material changes to the approved Site Development Plans which materially impact any of the Citizens Site Impact Approvals or add additional improvements that expand the footprint of the Project on any of the Core Properties shall be subject to the review and approval of Citizens as provided in Article II (A) above, except that Citizens' approval shall not be unreasonably withheld, conditioned or delayed. All rights of Citizens to approve the Site Development Plans related to the Project or any other part of the Citizens Property shall terminate upon Citizens obtaining the Certificate and the Covenant Not to Sue and the Environmental Restrictive Covenant has been recorded; provided, however, that the Core Properties and PPE shall continue to be burdened by the Environmental Restrictive Covenants and Environmental Easement which have been recorded against such properties.

ARTICLE III. THE CITIZENS PROPERTY

A. Transfer of Interests in the Core Properties. To facilitate the construction and development of the Project and the completion of the RWP, Citizens, on its own behalf and on behalf of its affiliates, shall lease the Core Properties to the City upon material terms the Parties deem mutually necessary to accomplish the intent of the Agreement, including the following terms (collectively, the "**Ground Lease**").

(i) Contemporaneously with execution and delivery of the Ground Lease, the City shall pay Citizens the sum of Two Million One Hundred Thousand Dollars (\$2,100,000.00) (the "**Lease Fee**") as compensation for the rights Citizens is granting the

City under the Ground Lease. The Parties are allocating the Lease Fee to the Core Properties as follows: (i) Pleasant Run Crossing – Six Hundred Fifty Thousand Dollars (\$650,000.00); (ii) Pleasant Run Crossing North – Six Hundred Sixty-Two Thousand Dollars (\$662,000.00); and (iii) Pleasant Run Crossing South – Seven Hundred Eighty-Eight Thousand Dollars (\$788,000.00).

(ii) The Ground Lease shall be an absolute triple net, financeable ground lease with no annual rent, under which all upkeep, ownership expenses, insurance, maintenance, repair and capital obligations are the City's, except as otherwise provided in the RWP and the Environmental Agreement. The City shall own all improvements constructed on the Core Properties, to the extent permitted under Indiana law.

(iii) Citizens shall retain the right to possess, occupy and use the Core Properties to the extent necessary to implement the RWP and to obtain the Certificate and Covenant Not To Sue. Citizens and the City shall work cooperatively to permit Citizens to implement the RWP and the City to develop the Project in such a way that neither party materially interferes with the operations of the other. The Environmental Agreement (defined in Article IV) shall be incorporated by reference in the Ground Lease and this Agreement.

(iv) The Ground Lease term shall be thirty four (34) years (the "**Term**").

(v) The Ground Lease shall permit the City to pledge its interest in the Core Properties, including its leasehold rights under the Ground Lease and its title to the Project, to secure financing for the Project.

(vi) The City shall have the right to convey, assign, sublease or otherwise transfer its interest in the Ground Lease to a body politic of the City or another "political subdivision" (as such term is defined in Indiana Code 36-1-2-3) (individually and collectively, a "**Public Party**") without Citizens' consent; provided, the Public Party agrees in writing to comply with all obligations of the City under this Agreement, the Ground Lease and the Environmental Agreement. The City shall not have the right to convey, assign, sublease or otherwise transfer its interest in the Ground Lease to any party that is not a Public Party ("**Private Party**") without obtaining Citizens' prior written consent, which consent Citizens may reasonably condition, withhold or deny. In the event the City conveys, assigns, subleases or otherwise transfers its interest in the Ground Lease to a Public Party or a Private Party in accordance with the terms and conditions of this Article III (vi), the City shall remain liable for all its obligations in this Agreement, the Ground Lease, the Environmental Agreement and any applicable Environmental Restrictive Covenant or Certificate.

(vii) Citizens shall quit claim or cause its affiliates to quit claim the fee simple title to the Core Properties to the City (the "**Deed**") not later than thirty (30) days of Citizens obtaining both the Certificate and the Covenant Not To Sue; no further consideration from the City shall be due in connection with such conveyance. The Parties acknowledge the Deed shall also designate previously identified areas of the Core Properties that are Restricted Areas as described in the Environmental Agreement. The

Parties further acknowledge that IDEM will require Citizens to record an Environmental Restrictive Covenant against the Core Properties in the Marion County Recorder's Office restricting future uses of the Core Properties as described in Section 6 of the Environmental Agreement before IDEM will issue the Certificate; thus, the Environmental Restrictive Covenants shall be recorded before the Deed. The City acknowledges that the Certificate must be recorded against the title to the Core Properties before the Covenant Not To Sue will be issued; thus, the Certificate shall be recorded before the Deed. Citizens shall also comply with any legal requirements applicable to the conveyance of the Core Properties and deliver any instruments necessary for the City to obtain a leasehold owner's title insurance policy, free of any encumbrances that were granted by Citizens or its affiliates, except for encumbrances in existence on the Effective Date or expressly or implicitly required by the terms of this Agreement, the Ground Lease or the Environmental Agreement. Upon execution of the Ground Lease, Citizens shall pay the title premium of an ALTA leasehold owner's title insurance policy with an insured amount that shall not exceed the aggregate of the Lease Fee. Citizens shall have no obligation to pay title insurance premiums for policy endorsements or fee owner title insurance upon delivery of the Deed. All other closing costs shall be allocated as is customary for commercial closings in the Indianapolis, Indiana area. In the event Citizens is unable to obtain the Certificate and the Covenant Not To Sue on or before the expiration of the Term, Citizens shall execute and deliver the Deed to the City on the day the Term expires. Citizens shall reserve in the Deed a permanent, subsurface sanitary sewer deep tunnel easement in favor of CWA Authority, Inc., an Indiana nonprofit corporation created pursuant to an Interlocal Cooperation Agreement between the Sanitary District of the City of Indianapolis and the Citizens Board ("**CWA**"), on the portion of the Core Properties depicted on Exhibit B-1 and B-2 of the Environmental Agreement.

(viii) Citizens shall retain the right to access the Core Properties for purposes of complying with any ongoing obligations required by the approved RWP's, the Certificate and/or Covenant Not To Sue, which shall be on terms mutually agreeable to the Parties, acting reasonably and in good faith and shall be consistent with the provisions of Paragraph 7 of the Environmental Agreement, and shall be recorded in an easement binding on the Core Properties and which shall run in favor of Citizens (the "**Environmental Easement**").

(ix) Notwithstanding anything to the contrary in this Agreement, the City expressly reserves the right to acquire all or a part of Pleasant Run Crossing North and/or Pleasant Run Crossing South prior to the end of the term of the Ground Lease, so long as Citizens has consented to the same, such consent not to be unreasonably withheld, conditioned or delayed. In the event Citizens agrees to convey all or a portion of Pleasant Run Crossing North and/or Pleasant Run Crossing South to the City, a Public Party or a Private Party prior to obtaining both the Certificate and the Covenant Not To Sue (an "**Early Conveyance**"), Citizens shall retain (i) its access and use rights in the Ground Lease, (ii) its rights described in Article III(A)(iii), (vi) and (viii) of this Agreement, and (iii) its rights described in Paragraph 7 of the Environmental Agreement. An Early Conveyance shall not release the portions of Pleasant Run Crossing North and/or Pleasant Run Crossing South which are conveyed from the obligations in the Environmental

Agreement or this Agreement that are applicable to that property so long as the Ground Lease remains in effect. Any such conveyance is subject to any subsequent agreements that Citizens may reasonably require to effect such conveyance. The City shall have no right to acquire any portion of Pleasant Run Crossing prior to the end of the term of the Ground Lease.

B. Execution of Ground Lease. Citizens and the City shall negotiate the form of the Ground Lease, acting reasonably and in good faith, no later than sixty (60) days after the Effective Date. The Ground Lease shall be executed not later than ten (10) days following the satisfaction of the Conditions Precedent, as defined in Article VIII. The Parties shall record an executed original of the Ground Lease in the land records of the Marion County Recorder's Office.

C. Development and Construction of Project Improvements. In the event the City decides to develop and construct additional improvements on the Core Properties that are not depicted on the Citizens approved Site Development Plans ("**New Project Improvements**"), the City shall submit any plans for the New Project Improvements which interfere with those matters in the Citizens Site Impact Approvals to Citizens, which shall be subject to Citizens' approval in accordance with the procedures and terms contained in Article II ("**New Improvement Approval Rights**") provided that Citizens' approval of the New Project Improvements shall be based on the matters which are a part of the Citizens Site Impact Approvals and shall not be unreasonably withheld. The New Improvement Approval Rights and the City's obligations to obtain approval for any material changes to the Site Development Plans under Article II(B) shall terminate upon the termination of the Ground Lease and the conveyance of all Core Properties to the City.

D. Conveyance of Future Development Property. Contemporaneously with executing and delivering the Ground Lease, Citizens or its affiliated entities will convey the portions of the Citizens Property identified as Twin Aire, Prospect Place West, and Prospect Place East on Exhibit A (the "**Future Development Property**") to the City upon the terms and conditions in this Article III (D):

(i) The City shall pay Two Million One Hundred Thousand Dollars (\$2,100,000.00) to Citizens for the Future Development Property (the "**Purchase Price**") as follows: (a) Twin Aire – One Million Two Hundred Sixty Dollars (\$1,260,000.00); (b) PPE – Six Hundred Seventy-Two Thousand Dollars (\$672,000.00); and (c) Prospect Place West – One Hundred Sixty-Eight Thousand Dollars (\$168,000.00).

(ii) Citizens or its affiliated entity shall quit claim the fee simple title to the Future Development Property and the residential lots adjacent to and east of PPE (the "**Future Development Deed**"), shall comply with any legal requirements applicable to the conveyance of the Future Development Property and shall deliver any instruments necessary for the City to obtain an owner's title insurance policy in an amount equal to the Purchase Price. The Parties acknowledge the Future Development Deed shall also designate previously identified areas of the Future Development Property that are Restrictive Areas as described in the Environmental Agreement.

(iii) The City shall deliver a permanent sanitary sewer easement in favor of CWA on portions of Prospect Place West for the development, construction, operation and maintenance of sanitary sewer improvements related to The DigIndy Tunnel Project ("**Tunnel Improvements**") based upon other such sanitary sewer easements the City has previously granted to CWA in a location reasonably approved by the City (the "**Tunnel Easement**"). The Tunnel Easement shall also grant CWA an exclusive, temporary construction easement on and across the entirety of Prospect Place West until December 31, 2024 in order to construct the Tunnel Improvements.

(iv) PPE shall be subject to an Environmental Easement which shall contain (1) a reservation of rights in favor of Citizens similar to the access rights described in Article III (A)(viii), (2) a covenant permitting Citizens to record a Certificate of Completion against the title to Prospect Place East in accordance with the procedures and terms contained in Article III (A)(vii), (3) a covenant with respect to Contractors (defined herein) that complies with the terms of Article III (F), and (4) a reservation of rights to record an Environmental Restrictive Covenant, if necessary, as set forth in Section 6 of the Environmental Agreement.

(v) The Parties shall prorate real estate taxes, personal property taxes and other governmental assessments (collectively, "**Governmental Charges**") on an assessment basis as is customary for commercial real estate transactions in Indianapolis, Indiana based on the most current tax bill available. Governmental Charges first due and payable prior to the Closing Date shall be paid by Citizens. All other items customarily apportioned in Indiana in connection with the sale of similar properties shall be pro-rated as of the date the Future Development Property is conveyed to the City.

E. Subsequent Conveyance of Citizens Property. For a period of seven (7) years after the execution of the Ground Lease and the conveyance of the fee simple title of the Future Development Property, in the event the City conveys, assigns, subleases or otherwise transfers an interest in the Citizens Property to a third party for the purpose of facilitating the Project or any other development (individually and collectively, a "**Transfer**"), the City shall pay Citizens fifty percent (50%) of the Net Proceeds (which shall be the consideration received for the Transfer less the value of any improvements made on the property and less the allocated purchase price for the property), if any, received from a Transfer ("**Transfer Consideration**") on the earlier of the closing of the Transfer or the date the City receives Transfer Consideration. A Transfer shall not include (i) the City's conveyance of a real property interest to a utility provider or a public entity that will provide utility or public services to the contemplated development or any other easement rights; (ii) space leases for a part of any building constructed on the Citizens Property; and (iii) license, profits or similar short term agreements of ninety (90) days or less.

F. Deed Covenants. An important consideration in Citizens' willingness to enter into this Agreement and perform the obligations contained herein is that the City be responsible for the conduct of its representatives, contractors, consultants, developers and agents that perform services related to the development, construction and operation of the Project or other work that involves the Citizens Property (collectively, "**Contractor(s)**"). Accordingly, the City shall ensure that the type of Contractors identified in Paragraph 13 of the Environmental Agreement shall comply with Paragraph 13 of the Environmental Agreement including but not

limited to the execution and delivery to Citizens of an Accession Agreement (as such term is defined in the Environmental Agreement) for as long as such obligations are in effect under the Environmental Agreement (collectively, "**Contractor Obligations**"). The City's obligations in this Article III (F) shall run with the title to the Citizens Property and shall be recorded in the deed records as a memorandum of the Environmental Agreement. The Contractor Obligations shall not include Contractor work or services that solely involve the interior of constructed improvements once the improvement at issue has been completed.

G. Reserved Utility Easements. The Parties acknowledge that the Citizens Property is burdened by gas improvements related to Citizens' operation of the System and sanitary sewer improvements related to Citizens' operation of the municipal sanitary sewer system that are depicted on Exhibit B (collectively, the "**Citizens Utilities**"). To the extent the Citizens Utilities are not located in easements or other recorded occupancies as of the Effective Date, the Parties shall use good faith efforts to memorialize Citizens' right to utilize the Citizens Utilities in the Ground Lease and any mutually agreeable and commercially reasonable easements necessary to reserve such rights upon delivery of the Deed and/or the Future Development Deed.

ARTICLE IV. ENVIRONMENTAL MATTERS

A. General Environmental Matters. The City acknowledges that portions of the Core Properties and PPE have been historically used as a facility that used coal to manufacture gas for delivery to the System and to manufacture other by-products. The City further acknowledges it understands that portions of the Core Properties and PPE contain soil and other materials that cannot be disturbed, removed or stored without considering Citizens' obligations under the RWP and the Parties' compliance with the Soil Management Plan attached to the RWP (collectively, "**Environmental Matters**"). All Environmental Matters related to the Core Properties and PPE shall be addressed in a separate environmental agreement to be executed between the Parties on even date herewith (the "**Environmental Agreement**"). The final form of the Environmental Agreement shall be subject to such modification as may be required due to IDEM requirements or changes to the RWP so long as approved by the City and Citizens, such approval not to be unreasonably withheld, conditioned or denied. The Parties further agree there may be certain synergies between the work Citizens will perform to implement the RWP and the work the City will perform to develop and construct the Community Justice Facilities that could result in cost savings or other value to one or both Parties (collectively, "**Cost Savings**"). The Parties shall use good faith efforts to incorporate Cost Savings into the Environmental Agreement to the extent mutually acceptable and beneficial to both Parties. The City shall have no obligation in the Environmental Agreement to assume any responsibility or incur any costs for Citizens' implementation of the RWP that do not result in Cost Savings. Citizens shall have no obligation to assume any responsibility or incur any costs for the City's development and construction of the Community Justice Facilities that do not result in Cost Savings.

B. Credits for Cost Savings. The Parties intend that any Cost Savings mutually agreed upon under the terms of the Environmental Agreement shall be credited against the City's obligation to pay the Lease Fee or added to the City's obligation to pay the Lease Fee, depending

on which Party is performing the Cost Savings activity. In the event the agreed-upon Cost Savings cannot be determined until after the execution of the Ground Lease, each Party shall reimburse its respective share of any Cost Savings to the other Party pursuant to the Environmental Agreement within thirty (30) days of the mutual determination of the amount of the Cost Savings. The Parties' obligations with respect to post-Ground Lease execution reimbursement of Cost Savings shall be governed by the Environmental Agreement.

ARTICLE V. ACCESS TO CITIZENS PROPERTY

The Parties acknowledge the City has had access to the Core Properties for the purpose of preliminary Project planning pursuant to that certain Access Agreement executed by the Parties on May 9, 2017 (the "**Access Agreement**"). The City's rights to access the Core Properties prior to the execution of the Ground Lease shall continue to be subject to and in accordance with the terms of Access Agreement. The City and Citizens hereby agree that the Access Agreement is hereby incorporated into this Agreement by this reference thereto as if fully set forth herein in its entirety and applies to PPE, Prospect Place West and Twin Aire in addition to the Core Properties. Upon the execution of the Ground Lease and the delivery of the Future Development Deed, the Access Agreement shall terminate and the Parties shall have no further rights or obligations to one another under the Access Agreement, except those rights and obligations that expressly survive termination.

ARTICLE VI. INFRASTRUCTURE IMPROVEMENTS

The City will be solely responsible for all necessary infrastructure improvements and utility facilities for the Project. To the extent the City requests utilities supplied by Citizens, Citizens will use commercially reasonable and customary efforts in ensuring that utilities sufficient to support the Project will be made available to the City upon the terms and conditions that are available to other Citizens' rate payers. Any Citizens owned facilities necessary for the Project or otherwise requested by the City will be installed pursuant to all applicable laws and regulatory approvals necessary for Citizens to comply with the service requested. Any utility service the City requests from Citizens shall be memorialized in a separate agreement or agreements that incorporate Citizens' applicable standard tariff and terms and conditions, which are on file with the Indiana Utility Regulatory Commission ("Commission") and are subject to modification from time to time, subject to the Commission's approval.

ARTICLE VII. REPRESENTATIONS AND WARRANTIES

A. Citizens Representations and Warranties.

(i) Citizens has all requisite power and authority to execute and deliver this Agreement. Subject to Article VIII below, the execution and delivery of this Agreement and the performance of the obligations of Citizens hereunder and the consummation by Citizens of the transactions contemplated by this Agreement have been duly and validly authorized by all necessary action, and no other proceeding on the part of Citizens is necessary to authorize the execution, delivery and performance of this Agreement. This Agreement has been duly executed and delivered by Citizens and constitutes a legal, valid and binding obligation of Citizens, enforceable against Citizens in accordance with

its terms and conditions, except to the extent that enforceability may be limited by applicable bankruptcy, insolvency, reorganization or other laws affecting the enforcement of creditors' rights generally.

(ii) The execution, delivery and performance of this Agreement by Citizens upon satisfaction of the conditions set forth herein do not and shall not: (a) violate or conflict with any provision of any governing document of Citizens; (b) violate any provision of law, or any order, judgment or decree of any court or other governmental authority, or (c) violate or result in a breach of, or constitute (with due notice or lapse of time or both) a default under any contract, lease, loan agreement, mortgage, security agreement, trust indenture or other agreement or instrument to which Citizens is a party or by which it is bound or to which any of its properties or assets is subject; in each case where such violation, breach, default or resulting lien or restriction could reasonably be expected to have a material adverse effect on the consummation of any of the transactions contemplated by this Agreement. Notwithstanding anything to the contrary in this Agreement, Citizens must obtain the approvals described in Article VIII (C) before it can perform certain obligations under this Agreement.

(iii) The execution, delivery and performance of this Agreement by Citizens and the consummation by Citizens of the transactions contemplated hereby will not require any notice to, or consent, authorization or approval from any person or governmental authority or any third party other than affiliates of Citizens, other than as identified in this Agreement and/or as communicated to the City in writing.

(iv) Citizens has not entered into any leases or other occupancy agreements demising any portion of the Citizens Property other than matters of record and, to Citizens' knowledge, there are no leases or other occupancy agreements demising any portion of the Citizens Property other than matters of record.

(v) No demands, claims, or litigation, including but not limited to condemnation, eminent domain, or similar proceedings, has been served upon Citizens with respect to the Citizens Property that remains outstanding, and, to Citizens' knowledge, no such demands, claims or litigation have been threatened in writing, except to the extent the Core Properties' and PPE's enrollment in the VRP and the submission of the RWPs to IDEM could be considered litigation, a demand or a claim.

(vi) No broker, finder or other person is entitled to any commission or finder's fee by reason of any agreement or action of Citizens in connection with this Agreement or the transactions contemplated by this Agreement.

B. City Representations and Warranties.

(i) The City has all requisite power and authority to execute and deliver this Agreement. Subject to Article VIII below, the execution and delivery of this Agreement and the performance of the obligations of the City hereunder and the consummation by the City of the transactions contemplated by this Agreement have been duly and validly authorized by all necessary action, and no other proceeding on the part of the City is

necessary to authorize the execution, delivery and performance of this Agreement. This Agreement has been duly executed and delivered by the City and constitutes a legal, valid and binding obligation of the City, enforceable against the City in accordance with its terms and conditions, except to the extent that enforceability may be limited by applicable bankruptcy, insolvency, reorganization or other laws affecting the enforcement of creditors' rights generally.

(ii) The execution, delivery and performance of this Agreement by the City upon satisfaction of the conditions set forth herein do not and shall not: (a) violate or conflict with any provision of any governing document of the City; (b) violate any provision of law, or any order, judgment or decree of any court or other governmental authority, or (c) violate or result in a breach of, or constitute (with due notice or lapse of time or both) a default under any contract, lease, loan agreement, mortgage, security agreement, trust indenture or other agreement or instrument to which the City is a party or by which it is bound or to which any of its properties or assets is subject; in each case where such violation, breach, default or resulting lien or restriction could reasonably be expected to have a material adverse effect on the consummation of any of the transactions contemplated by this Agreement. Notwithstanding anything to the contrary in this Agreement, the City must obtain the approvals described in Article VIII (B) before it can perform certain obligations under this Agreement.

(iii) The execution, delivery and performance of this Agreement by the City and the consummation by the City of the transactions contemplated hereby will not require any notice to, or consent, authorization or approval from any person or governmental authority or any third party.

(iv) No broker, finder or other person is entitled to any commission or finder's fee by reason of any agreement or action of the City in connection with this Agreement or the transactions contemplated by this Agreement.

C. Survival. All of the representations and warranties contained in this Article VII shall survive for a period of six (6) months after the Termination Date.

D. Limitation on Citizens' Representations and Warranties. Except for the representations and warranties of Citizens expressly set forth in this Agreement, the Ground Lease and the Environmental Agreement, the City warrants and acknowledges to and agrees with Citizens that the City is leasing the Core Properties and acquiring the Citizens Property in their "as-is, where is" condition "with all faults", and specifically and expressly without any warranties, representations or guarantees, either express or implied, as to its condition, fitness for any particular purpose, merchantability, or any other warranty of any kind, nature, or type whatsoever from or on behalf of Citizens. Except for the representations and warranties of Citizens expressly set forth in this Agreement, the Ground Lease and the Environmental Agreement, Citizens specifically disclaims any warranty, guaranty or representation, oral or written, past or present, express or implied, concerning (i) the value, nature, quality or condition of the Citizens Property, including, without limitation, the water, soil, geology and geotechnical suitability for the Project, (ii) the income to be derived from the Citizens Property, (iii) the suitability of the Citizens Property for any and all activities and uses which the City may conduct

thereon, including the possibilities for future development of the Future Development Property, (iv) the compliance of or by the Citizens Property or its operation with any laws, rules, ordinances or regulations of any applicable governmental authority or body, (v) the habitability, merchantability, marketability, profitability or fitness for a particular purpose of the Citizens Property, (vi) the manner or quality of the construction or materials, if any, incorporated into the Citizens Property, (vii) the manner, quality, state of repair or lack of repair of the Citizens Property, or (viii) any other matter with respect to the Citizens Property. The City acknowledges and agrees that, except for the representations and warranties of Citizens expressly contained in this Agreement, any information provided by or on behalf of Citizens with respect to the Citizens Property was obtained from a variety of sources and that Citizens has not made any independent investigation or verification of such information and makes no representations or warranties as to the accuracy or completeness of such information. Citizens shall not be liable or bound in any manner by any oral or written statements, representations or information pertaining to the Citizens Property, or the operation thereof, furnished by any Citizens' agent, employee, servant or other person except for the express representations and warranties set forth in this Agreement. The City further acknowledges and agrees that the City is sophisticated and experienced with respect to the leasing, acquisition and development of properties such as the Citizens Property and has been duly represented by counsel and other professionals in connection with the negotiation of this Agreement. Citizens has made no agreement with the City to alter, repair or improve the Citizens Property as part of this transaction, except for Citizens' obligations under the RWP or as provided in the Environmental Agreement.

E. The City acknowledges that it has and will continue to have the opportunity to inspect the Citizens Property prior to execution of the Ground Lease, and during such period, observe its physical characteristics and existing conditions and the opportunity to conduct such investigation and study on and of the Citizens Property and adjacent areas as the City deems necessary to develop and construct the Project. The City further acknowledges that changes in applicable laws and regulations may impact the use or future development of the Citizens Property and that adverse physical characteristics and conditions may not have been revealed by its investigation.

ARTICLE VIII. CONDITIONS PRECEDENT

A. Conditions Precedent. The Parties acknowledge and agree that each Party must obtain additional approvals in order to proceed with the Project (the "**Condition(s) Precedent**") which shall be satisfied no later than October 31, 2018 (the "**Condition Date**"). If any Conditions Precedent is not resolved by the Condition Date, this Agreement shall terminate unless the Parties agree to extend the Condition Date. The Parties further acknowledge and agree their obligation (i) to perform the obligations under this Agreement and (ii) to execute the Ground Lease and the Environmental Agreement is contingent upon each Party's satisfaction or waiver of their respective Conditions Precedent by the Condition Date. The Parties agree to work reasonably and in good faith to satisfy the Conditions Precedent on or before the Condition Date.

B. The City's Conditions Precedent. The following shall be the Conditions Precedent to the City's obligations under this Agreement and with respect to the Project:

(i) the City determines in its sole discretion it can execute and perform its obligations under the Ground Lease and the Environmental Agreement in accordance with all statutory, regulatory, legal and other requirements that are applicable to Citizens and the City and any Citizens affiliates that may own portions of the Citizens Property, including, but not limited to, the approval of the Agreement;

(ii) the City obtains all necessary approvals and consents which the City determines in its sole and absolute discretion are necessary or advisable to comply with any and all laws, statutes, rules, regulations applicable to the development of the Project on the Citizens Property and the conveyance of the Citizens Property to the City and related to entering into the Ground Lease and the Environmental Agreement;

(iii) the City determines the Project can be developed and constructed on the Core Properties in such a manner that the Citizens Site Impact Approvals can be satisfied;

(iv) the City determines, in its sole and absolute discretion that neither it, nor Citizens is subject to any injunction, preliminary restraining order or other similar decree of a court of competent jurisdiction prohibiting the consummation of the Project;

(v) the City has completed, to its satisfaction, its business, financial, legal, regulatory, environmental, geo-technical and similar due diligence with respect to the suitability of the Citizens Property for the Project;

(vi) the Parties have mutually approved the Site Development Plans; and

(vii) the Parties have mutually approved the terms of the Ground Lease and Environmental Agreement; and

(viii) City has approved the PPE ERC, as defined below.

C. Citizens Condition Precedent. The following shall be the Conditions Precedent to Citizens' obligations under this Agreement and with respect to the Project:

(i) Citizens determines in its sole discretion it can execute and perform its obligations under the Ground Lease, the Environmental Agreement and the conveyance of the Future Development Property in accordance with all statutory, regulatory, procedural, and other legal requirements that are applicable to Citizens and the City and any Citizens affiliates that may own portions of the Citizens Property, including, but not limited to, the approval of the Agreement;

(ii) Citizens obtains all necessary corporate, board, third-party and other approvals and consents, which Citizens determines in its sole and absolute discretion are necessary or advisable to comply with any and all laws, statutes, rules, and regulations applicable to the approval and terms of this Agreement, the Ground Lease, the Environmental Agreement and the conveyance of the Future Development Property;

(iii) Citizens determines in its sole and absolute discretion and at any time that the Project and Site Development Plan can be developed and constructed on the Core

Properties in such a manner that the Citizens Site Impact Approvals can be satisfied and that its obligations under the Ground Lease and Environmental Agreement comply with Citizens' obligations under the RWP and all other environmental, health and safety obligations;

(iv) IDEM has issued final written approval of the RWP upon terms that Citizens determines are acceptable in Citizens' sole and absolute discretion;

(v) Citizens determines, in its sole and absolute discretion that neither it, nor the City, is subject to any injunction, preliminary restraining order or other similar decree of a court of competent jurisdiction prohibiting the consummation of the Project;

(vi) the Parties have mutually approved the Site Development Plans;

(vii) the Parties have mutually approved the terms of the Ground Lease and the Environmental Agreement; and

(viii) IDEM has approved the Environmental Restrictive Covenant for Prospect Place East (the "**PPE ERC**") and Citizens has recorded the PPE ERC against title to PPE.

D. Failure to Satisfy a Condition Precedent. If either Party determines in its sole discretion it cannot satisfy, waive, or otherwise resolve one or more of its respective Conditions Precedent on or before the Condition Date, the Party's sole remedy shall be to terminate this Agreement by written notice to the other Party, in the event the Parties shall have no further right or obligation under this Agreement (except for rights and obligations herein which expressly survive the termination of the Agreement). Termination of this Agreement shall not impact the Parties' obligations under the Access Agreement or the Mutual Non-Disclosure Agreement.

ARTICLE IX. GENERAL PROVISIONS.

A. Term. The term of this Agreement shall be for the period commencing on the Effective Date and continuing through the Termination Date (the "**Term**"). As used herein, the "**Termination Date**" shall be the earlier of the date that (i) the Citizens Property is conveyed from Citizens to the City pursuant to the terms of the Ground Lease, or (ii) this Agreement is canceled or terminated pursuant to the terms and conditions herein. If the Termination Date occurs after the execution of the Ground Lease and Environmental Agreement, the Ground Lease and Environmental Agreement shall continue in accordance with their terms.

B. Assignment. Subject to the provisions of Article III(A)(vi), neither Party shall be entitled to assign its rights hereunder without the express written consent of the other Party, which consent shall not be unreasonably withheld, denied or conditioned; provided that the City may assign its interest herein to another department, agency or political subdivision of the City and may collaterally assign its right under this Agreement in connection with any financing for the Project without any consent or approval from Citizens.

C. No Waiver. No failure on either Party's part at any time to require the other Party's performance of any term hereof shall be taken or held to be a waiver of such term or in any way affect such Party's right to enforce such term, and no waiver on either Party's part of any

term hereof shall be taken or held to be a waiver of any other term hereof or breach thereof.

D. Severability. Invalidity or unenforceability of any particular provision hereof shall not affect the other provisions, and this Agreement shall be construed in all respects as if such invalid or unenforceable provision had not been contained herein.

E. Entire Agreement: Written Modifications. This Agreement, in conjunction with the Environmental Agreement, Ground Lease, and any subsequent documentation agreed-upon by the Parties to effectuate the terms of these agreements, contains the entire understanding between the Parties with respect to environmental matters related to the Citizens Property. All prior representations, promises, and oral agreements between the Parties with respect to environmental matters are merged hereunto and expressed herein. This Agreement shall not be amended, modified or supplemented except by written agreement signed by both Parties.

F. Governing Law. This Agreement shall be governed by and subject to the laws of the State of Indiana.

G. Captions. The captions herein are for convenience and identification purposes only, are not an integral part hereof, and are not to be considered in interpretation of any part hereof.

H. Notices. All notices and other communications hereunder, including, without limitation, all requests for approvals and notices of approvals or disapprovals, shall be in writing and shall be deemed to have been duly given if sent personally, by a reputable, publicly traded overnight delivery service or by certified or registered mail, return receipt requested, postage prepaid, addressed as follows:

To Citizens:	Citizens Energy Group 2020 North Meridian Street Indianapolis, IN 46202-1393 Attn: Ms. Jennett M. Hill, Esq.
With a Copy To:	Ice Miller LLP One American Square, Suite 2900 Indianapolis, IN 46282 Attn: Mr. Richard J. Thrapp, Esq.
To the City:	City of Indianapolis Corporation Counsel City-County Building, 1601 200 E. Washington St. Indianapolis, IN 46204 Attn: Mr. Andrew J. Mallon, Esq.
With a Copy To:	Faegre Baker & Daniels 300 N. Meridian Street, Suite 2700 Indianapolis, IN 46204

Attn: Mr. Scott Chinn, Esq.

or to such other address as shall be furnished in writing by either Party to the other Party. All notices and other communications hereunder given in the manner provided above shall be deemed effective on the date personally delivered or, if sent by certified mail or by overnight mail, on the date of delivery or when delivery is first attempted.

I. Confidentiality. The Parties executed a Mutual Non-Disclosure Agreement on March 28, 2017, in order to facilitate the Parties' discussions regarding the Project (the "**NDA**"). The provisions of the NDA are hereby incorporated into this Agreement in all respects, and all information shared between the Parties shall be subject to the NDA, including the provisions regarding Common Legal Interest set forth in Section 5 of the NDA. The effectiveness and enforceability of the NDA shall be separate from and shall survive the termination of this Agreement. No other provision of this Agreement shall be construed as authorizing the disclosure of Confidential Information (as defined in the NDA) that concerns Common Legal Interest or waiving the Common Legal Interest Privilege.

J. Cooperation. The Parties agree to cooperate with each other, acting reasonably and in good faith, in the implementation of the terms of this Agreement, including, without limitation, preparing the form of the Ground Lease, the Environmental Restrictive Covenants and other documents required to implement the terms of this Agreement, and making any RWP required amendments to the Environmental Agreement, permitting access to the RWP in connection with the preparations of the Site Development Plans and for other due diligence related to the Project, and assisting the Parties in obtaining any required permits and approvals for each of their obligations under this Agreement including, without limitation, the execution of any zoning or land use applications or documentation. Such cooperation shall include Citizens signing authorizations and/or consents for the City to obtain zoning modifications and other land use approvals related to the Project, so long as Citizens does not incur third party costs in cooperating with the City.

K. Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same instrument. For evidentiary purposes, faxed or electronically transmitted counterparts of this Agreement shall be deemed to be originals.

[The rest of this page has been intentionally left blank.]

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the day and year first above written.


CITY:

CONSOLIDATED CITY OF INDIANAPOLIS
AND MARION COUNTY



Andrew J. Mallon, Corporation Counsel

APPROVED AS TO FORM AND LEGALITY:

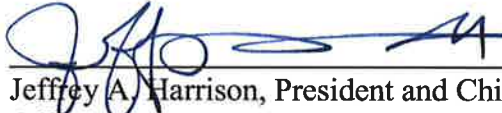


Corporation Counsel

(Signature Page to Project Agreement)

CITIZENS:

DEPARTMENT OF PUBLIC UTILITIES FOR
THE CITY OF INDIANAPOLIS, ACTING BY
AND THROUGH THE BOARD OF DIRECTORS
FOR UTILITIES, AS TRUSTEE, IN
FURTHERANCE OF A PUBLIC CHARITABLE
TRUST D/B/A CITIZENS ENERGY GROUP



Jeffrey A. Harrison, President and Chief Executive
Officer

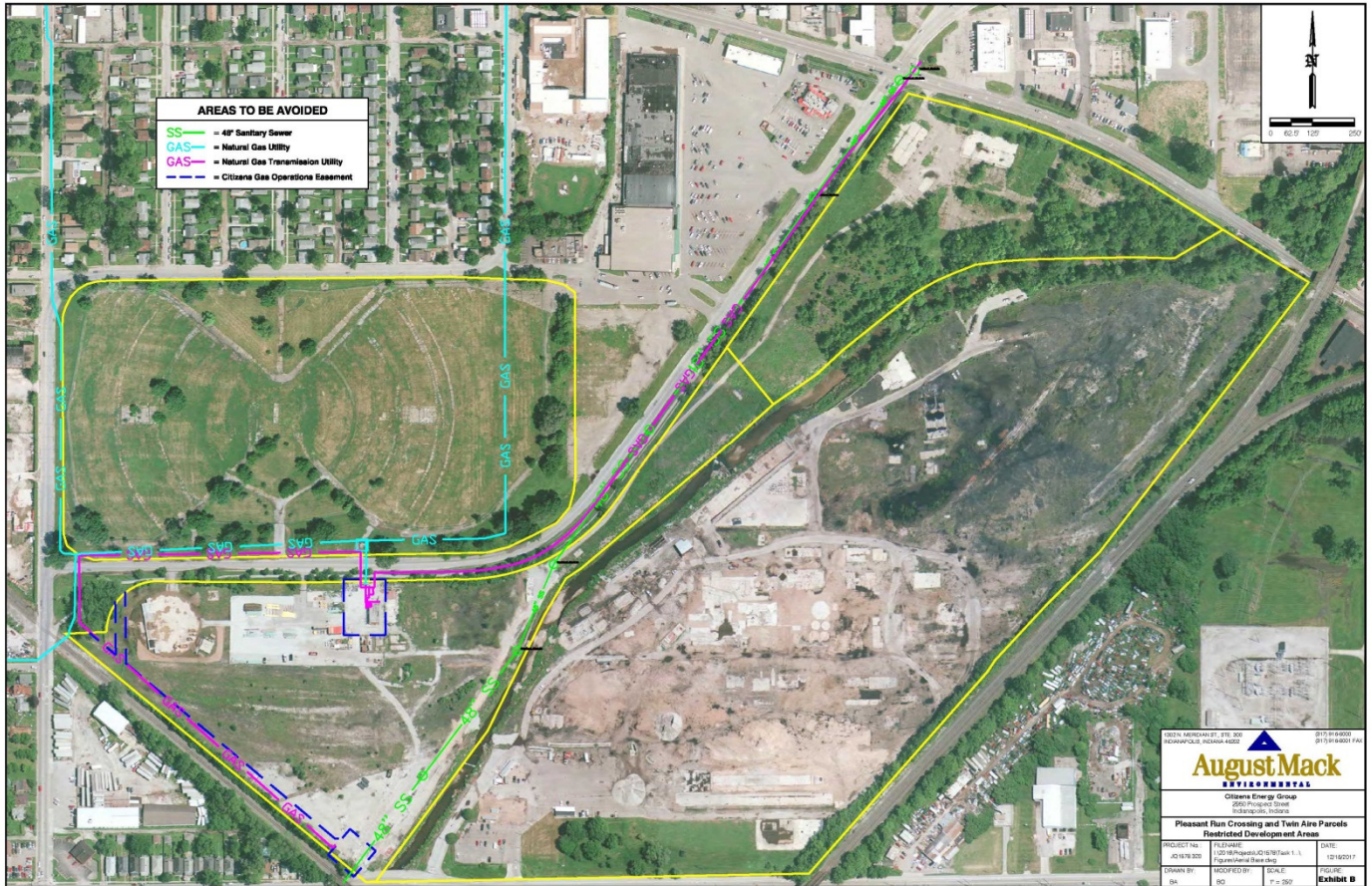
(Signature Page to Project Agreement)

EXHIBIT A **CITIZENS PROPERTY**



A-1

EXHIBIT B **CITIZENS UTILITIES**



B-1

**COMMUNITY JUSTICE CAMPUS
ENVIRONMENTAL AGREEMENT**

This Environmental Agreement (“Agreement”) is entered into between the City of Indianapolis (“City”) and the Department of Public Utilities for the City of Indianapolis, acting by and through the Board of Directors for Utilities, as successor trustee, in furtherance of a public charitable trust d/b/a Citizens Energy Group (“Citizens”) (each being referred to herein as a “Party” or collectively as the “Parties”) pursuant to the Project Agreement executed between the Parties on 12-17-17 (the “Project Agreement”). Unless uniquely defined herein, all terms defined in the Project Agreement shall have the same meanings when used in this Agreement. The Effective Date of this Agreement shall be the same as the Effective Date of the Project Agreement.

A. Background

1. The City intends to construct the Project on Citizens-owned property in accordance with the terms of the Project Agreement. Exhibit A attached hereto depicts the six discrete parcels that make up the property for the Project (“Citizens Property”). The Parties acknowledge that Citizens has enrolled portions of the Citizens Property identified on Exhibit A as Pleasant Run Crossing North, Pleasant Run Crossing South, Pleasant Run Crossing, (the “Core Properties”) and Prospect Place East (“PPE”) in the Indiana Department of Environmental Management’s (“IDEM”) Voluntary Remediation Program (the “VRP”). The City hereby acknowledges that the Core Properties and PPE are impacted by historic manufacturing operations and that Citizens will be undertaking certain environmental remediation activities to make the Core Properties and PPE suitable for commercial redevelopment, such as for the City’s construction and operation of the Community Justice Facilities and the Project. The Project Agreement and the Ground Lease govern the overall terms and conditions by which the City will obtain rights to the Citizens Property for construction and operation of the Project.

2. This Agreement describes, among other things: the terms and conditions regarding how environmental impacts at the Core Properties and PPE will be addressed; access to the Core Properties and PPE to perform various environmental activities (including remediation, operation and maintenance of the groundwater collection and treatment system, and sampling, monitoring and maintaining groundwater monitoring wells); and restrictions on developing portions of the Citizens Property.

B. Environmental Terms and Conditions

1. Remediation Work Plans. As stated above, Citizens has enrolled the Core Properties and PPE in the Indiana VRP. On April 30, 2010, Citizens submitted to IDEM a Remediation Work Plan (RWP) for PPE, which was approved by IDEM on March 1, 2011 (the “2011 RWP”). On December 5, 2016, Citizens submitted a Remediation Completion Report to IDEM reflecting that Citizens has completed the work required by the 2011 RWP. By letter dated April 21, 2017, IDEM provided comments on the PPE Remediation Completion Report and Citizens is working with IDEM to resolve those comments. On July 31, 2017, Citizens submitted to IDEM an RWP for the Core Properties, which was amended on November 3, 2017 (the “2017 RWP”). The 2011 RWP and 2017 RWP (collectively the “RWPs”) describe the work that Citizens

will perform to render the Core Properties and PPE suitable for commercial redevelopment such as the Project, and to satisfy Citizens' obligations under the VRP. As set forth in Section VIII.C(iv) of the Project Agreement, Citizens' obligations under the Project Agreement are conditioned upon IDEM's approval of the 2017 RWP. Citizens shall be solely responsible for negotiating the terms of the 2017 RWP with IDEM and for receiving IDEM's final approval of the 2017 RWP.

2. Citizens to Implement the RWPs. Citizens shall be solely responsible to perform the work required by the approved RWPs as necessary to obtain a Certificate of Completion from IDEM pursuant to Ind. Code 13-25-5-16, and a Covenant Not to Sue from the Governor of the State of Indiana pursuant to Ind. Code 13-25-5-18 (the "Remediation Work"). Issuance of the Certificate of Completion and Covenant not to Sue will signify that all Remediation Work required by the approved RWPs has been successfully completed. Citizens shall take reasonable measures in performing the Remediation Work to coordinate completion of the Remediation Work with the City's site preparation, redevelopment work, and construction of the Community Justice Facilities (the "Redevelopment Work"), and to minimize disturbance or interference with the City's rights to occupy and use the Core Properties and PPE. With respect to any groundwater monitoring wells required under the approved RWPs and any deep rock tunnel monitoring wells (collectively referred to as "groundwater monitoring well" or "groundwater monitoring wells" and generally depicted in Exhibit B.1 attached hereto), the City shall, upon submission of an itemized invoice from Citizens issued by its contractor, reimburse Citizens for the costs incurred by Citizens (i) to properly abandon any groundwater monitoring well that needs to be abandoned prior to construction to facilitate the City's Redevelopment Work, which Citizens shall abandon no later than sixty (60) days following written notice from the City that lists wells to be abandoned, and (ii) to install replacement groundwater monitoring wells as required by IDEM or as needed for the DigIndy Tunnel Project; *provided, however*, Citizens shall not be entitled to reimbursement for abandoning any well that IDEM determines does not need to be replaced. If the City has already reimbursed Citizens for any such well prior to IDEM's determination, Citizens shall refund to the City the amount the City paid for that abandonment within a reasonable time of IDEM's determination. Citizens will use reasonable efforts to negotiate with IDEM the number and location of any future replacement groundwater monitoring wells in an effort to minimize impact or disruption of the City's Redevelopment Work, and the City will provide reasonable assistance to Citizens if requested in those negotiations.

3. Costs of RWP Implementation and Potential Cost Savings. Citizens shall be solely responsible for the costs necessary to perform the Remediation Work. The Parties acknowledge that certain aspects of the City's Redevelopment Work will overlap with Citizens' Remediation Work required by the 2017 RWP. The Parties agree to follow the procedures in this Paragraph 3 and to collaborate and to work together in good faith to identify such areas of potential overlap and to develop plans to reduce costs to each Party while still ensuring Citizens' 2017 RWP Remediation Work and the City's Redevelopment Work are fully performed (referred to herein as "Cost Savings"). (The Parties acknowledge and agree that there are no opportunities for Cost Savings under the 2011 RWP.) The City shall have no obligation to assume any responsibility or incur any costs for Citizens' implementation of the 2011 RWP. The City shall have no obligation to assume any responsibility or incur any costs for Citizens' implementation of the 2017 RWP that do not result in Cost Savings to the City. Citizens shall have no obligation to assume any responsibility or incur any costs for the City's Redevelopment Work that does not result in Cost Savings to Citizens under the 2017 RWP.

The process the Parties shall follow to identify potential Cost Savings is described in this Paragraph 3. The intent of the Parties in agreeing to this collaborative process is to identify methods, procedures, and efficiencies that will achieve Cost Savings for the Parties while also satisfying the requirements of both the 2017 RWP and the Redevelopment Work for the Project.

- a. Within ninety (90) calendar days of the date the City provides Citizens the Site Development Plans required by the Project Agreement, or IDEM's final approval of the 2017 RWP, whichever is later, Citizens shall identify the costs for Citizens to complete components of the approved 2017 RWP where there is potential overlap with the Redevelopment Work ("Remediation Work Costs"), and such information shall be provided to the City.
- b. Within forty-five (45) calendar days of receiving the Remediation Work Costs, the City will provide Citizens a written description of the confirmed components of its Redevelopment Work which it believes will overlap with Citizens' Remediation Work and result in Cost Savings while also satisfying the requirements of the final approved 2017 RWP.
- c. Within forty-five (45) calendar days of Citizens receiving the information from the City pursuant to Subparagraph (b) above, Citizens' environmental consultant, in its sole judgment and discretion, shall make a final determination as to whether the City's Redevelopment Work will satisfy the 2017 RWP and verify and approve the amount of the Cost Savings. Such determination shall be at the sole and absolute discretion of Citizens and shall be the final determination on the available Cost Savings.
- d. For the Cost Savings amounts verified and approved by Citizens, the City shall be entitled to an amount equal to 50% of the total Cost Savings as a credit against the Lease Fee. All Costs Savings shall be determined by January 1, 2019. Based on the Parties' preliminary examination of potential Cost Savings, the Parties estimate that each Party's 50% share of the Cost Savings could be a maximum of approximately \$850,000 subject to further refinement and diligence of the Parties as described in this Paragraph 3.
- e. If reasonably required by the City, the Parties shall take reasonable measures to expedite the deadlines provided in this Paragraph 3 to realize any potential Cost Savings to accommodate the City's schedule for its Redevelopment Work.
- f. The Parties intend to continue investigating other opportunities and identifying tasks that may be mutually beneficial with respect to facilitating Remediation Work and/or Redevelopment Work, including such tasks that may result in additional cost savings, and may mutually agree, in writing, to pursue such opportunities and tasks.
- g. All agreements with respect to Cost Savings and any obligations assumed by the Parties under this Paragraph 3 shall be in writing, signed by both Parties, and incorporated as an exhibit to this Agreement.

4. Other Project Costs. Other than mutually agreed-upon credits for Cost Savings described in Paragraph B.3 above, all costs related to the Redevelopment Work and/or the Project, including without limitation all costs related to implementing the Soil Management Plan that must be followed by any person when soil at the Core Properties is disturbed, are solely the responsibility of the City. The City shall take reasonable measures in performing the Redevelopment Work to coordinate with Citizens in its performance of the Remediation Work, and to minimize any disturbance to and to avoid interfering with the Remediation Work.

5. Restrictions on Development. The City hereby acknowledges and agrees that certain sections of the Core Properties, PPE and Prospect Place West (“PPW”) shall have restrictions on development. Exhibits B.1 and B.2 identify those areas described below within which no City Redevelopment Work can occur without the express, prior written approval of Citizens, for the period in which these features are required to remain in place (“Restricted Areas”). The restrictions and requirements with respect to the subsurface sanitary sewer deep tunnel easement shown on B.1 and B.2 are further described in Article III(A)(vii) and (viii) of the Project Agreement. The City shall be responsible for any damage the City or its Contractor(s) cause to any remediation feature created pursuant to the RWPs, or deep rock tunnel monitoring well including without limitation, the Restricted Areas depicted in Exhibits B.1 and B.2 which are described in more detail below:

a. Groundwater/Oil Recovery System Components

These components include: (1) Existing Recovery Wells, (2) New Oil Skimmer Wells, (3) New Groundwater Extraction Wells, (4) Pull Boxes, (5) Trench Observation Wells, (6) Underground Double-Walled Pipe Trench, and (7) System Building. These components are located southeast of Pleasant Run Creek (“PRC”) on the western portion of the Pleasant Run Crossing parcel. Citizens shall operate and maintain the groundwater/oil recovery system consistent with the terms of the approved 2017 RWP.

b. PRC Liner

A low permeability granulated clay liner (GCL) was installed over an approximate 2,000 linear foot stretch of PRC, beginning at the intersection of PRC and Prospect Street and extending north/northeast. This GCL cannot be disturbed. Citizens will need to inspect, maintain, and repair (if necessary) this GCL consistent with the terms of the approved 2017 RWP.

c. Shallow Monitoring Wells

Citizens’ shallow monitoring well network consists of 12 monitoring wells on the Pleasant Run Crossing North parcel, 23 monitoring wells on the Pleasant Run Crossing South parcel, and 57 monitoring wells on the Pleasant Run Crossing parcel. Citizens will need to monitor and maintain these wells consistent with the terms of the approved 2017 RWP.

d. Deep Monitoring Wells

Citizens' deep monitoring well network consists of four monitoring wells on the Pleasant Run Crossing parcel and three monitoring wells on the Pleasant Run Crossing South parcel. Citizens will need to monitor and maintain these wells consistent with the terms of the approved 2017 RWP.

e. Pleasant Run Creek Deep Rock Tunnel Monitoring Wells

Citizens' Pleasant Run Creek deep rock tunnel monitoring wells consist of one monitoring well on the Pleasant Run Crossing North parcel and one monitoring well on the Pleasant Run Crossing South parcel. Citizens will need to monitor and maintain these wells consistent with its obligations associated with the DigIndy Tunnel Project.

f. Indiana Department of Natural Resources ("IDNR") Mitigation Area

As part of the Pleasant Run Creek Interim Measure ("IM") permitting process, the IDNR required Citizens to mitigate the disturbed riparian habitat following completion of the PRC IM work. Only 4.7 acres of the 8 acre IDNR Mitigation Area depicted on Exhibit B will ultimately need to be set-aside for this Mitigation Area.

g. Interceptor Trench and Collection Vault

The Interceptor Trench and Collection Vault were installed pursuant to the 2011 RWP for PPE. Groundwater flowing north to the northern boundary of PPE is captured by this system and routed to a sewer owned and operated by Citizens. Operation and maintenance of this system are required by the approved RWP for PPE.

6. Land Use and Activity Restrictions. The Parties acknowledge that the final approved RWP for the Core Properties and PPE will require that certain land use and activity restrictions be placed on the Core Properties and PPE through an Environmental Restrictive Covenant ("ERC") which Citizens will record in the Marion County Recorder's Office after the 2017 RWP is approved by IDEM and before title to all or portions of the Core Properties and PPE are deeded to the City as described in Section III.A(vii) of the Project Agreement. Citizens will be responsible for negotiating the terms of the ERC(s) to be recorded on the Core Properties and PPE which, at a minimum, will include the restrictions contained in the approved RWPs and such other provisions required by IDEM. Prior to executing and delivering the Future Development Deed for the Prospect Place West and Twin Aire parcels, Citizens shall also have the right to record a restrictive covenant (RC) against the fee simple title to the Prospect Place West and Twin Aire parcels that prohibits the potable use of groundwater from the parcels and that require that any soil disturbance at those parcels comply with legally required soil management and health and safety plans. The City agrees to fully comply with the ERC(s) and RC(s) recorded on the portions of the Citizens Property that the City leases and/or ultimately owns. Nothing in this Agreement shall prevent the City from seeking IDEM's written approval to modify any ERC(s) after transfer of the Core Properties and/or PPE to the City, provided that the City must provide Citizens with a copy of

any ERC modification request simultaneously when submitting it to IDEM. Until December 31, 2039, Citizens, in addition to IDEM, must approve any modification to an ERC in writing, which shall not be unreasonably withheld by Citizens; on or after January 1, 2040, the City shall provide Citizens notice of, but Citizens will not have the right to approve but may comment on, any such modification request. In no event shall the City be permitted to seek a modification to an ERC that will result in increased costs or obligations to Citizens.

7. Access to Perform Remediation Activities.

a. The City acknowledges that Citizens will continue to own the Core Properties after approval of the 2017 RWP and until fee simple title to all or portions of the Core Properties is transferred to the City or its approved designee pursuant to the Project Agreement and Ground Lease. The City agrees that, while Citizens owns the Core Properties, and after the City or its approved designee acquires fee title to the Core Properties, Citizens shall continue to have full access to the Core Properties to implement and complete the approved RWPs to obtain the Certificate and Covenant Not to Sue.

b. The City further acknowledges and agrees that when Citizens transfers fee simple title to all or a portion of the Core Properties to the City or its approved designee, Citizens shall have the right to reserve in the deed transferring title an easement that will provide Citizens with continuing access to the Core Properties to perform any and all environmental work Citizens reasonably determines is required by law, or that is requested by IDEM, the U.S. Environmental Protection Agency (“EPA”), or any other agency with appropriate jurisdiction, or that is required by any court order.

8. Lease and Transfer of Title. Consistent with Section III of the Project Agreement and the Ground Lease, Citizens will lease the Core Properties to the City until such time as IDEM issues a “Certificate of Completion” pursuant to Ind. Code 13-25-5-16 and the Governor issues a “Covenant Not to Sue” pursuant to Ind. Code 13-25-5-18 signifying that all Remediation Work required by the approved RWPs has been successfully performed. After the Certificate of Completion is received and recorded, and within thirty (30) days of Citizens’ receipt of the Covenant Not to Sue, Citizens will deed the Core Properties to the City or its approved assignee, subject to the reserved easement described in Paragraph 7 above. As provided in Article III(A)(ix) of the Project Agreement, nothing in this Agreement shall prevent the Parties from mutually agreeing to deed Pleasant Run Crossing North and/or Pleasant Run Crossing South, or any portion of these parcels, to the City prior to issuance of the Certificate or the Covenant Not to Sue, provided that with respect to the portion of these parcels at issue Citizens retains (i) its access and use rights in the Ground Lease to the portion of the Core Properties at issue, (ii) its rights described in Article III(A)(iii), (vii) and (viii) of the Project Agreement, and (iii) its rights described in Paragraph 7 of this Agreement.

9. Pollution Legal Liability Insurance. The Parties anticipate acquiring Pollution Legal Liability (“PLL”) insurance with a minimum policy limit of \$25 million for the Citizens Property that covers both Citizens and the City. The Parties shall work together in good faith to evaluate the financial feasibility of such insurance and coverages provided. If the Parties conclude the costs are feasible and coverages appropriate, they will acquire PLL insurance and split the costs 50/50.

10. Contractors Insurance. Citizens and the City (or their contractors) shall maintain, with responsible insurance carriers, adequate insurance for the Remediation Work and Redevelopment Work, each respectively, with both named as insureds, including but not limited to general liability, professional liability, contractors pollution liability, auto, and umbrella/excess as reasonably appropriate and such certificates of insurance shall be made available to the other party at their reasonable request during the term of the Ground Lease, and as it pertains to Citizens, any access thereafter under this Agreement for implementation of the RWP (the “Contractor’s Coverages”).

11. Assignment. Neither Party shall be entitled to assign its rights hereunder without the express written consent of the other Party, which consent shall not be unreasonably withheld, denied or conditioned, provided that the City may assign its interest herein to another department, agency or political subdivision of the City and may collaterally assign its right under this Agreement in connection with any financing for the Project without any consent or approval from Citizens.

12. Environmental Liabilities

- a. The Parties acknowledge and agree that other than the representations, warranties and covenants expressly stated in the Project Agreement and in this Agreement, and in consideration for, among other things, Citizens’ agreement to be solely responsible for the Remediation Work, and the City’s agreement to be solely responsible for the Redevelopment Work, (i) Citizens makes no other representations, warranties or covenants, express or implied, with respect to environmental matters or Environmental Liabilities (as defined below) relating to the Core Properties and PPE, and (ii) the City accepts the Core Properties and PPE “as is/where is, with all faults.”
- b. The City further agrees that it will not seek, assert or bring any claim against Citizens (or its Affiliates) relating to, and specifically releases Citizens (and its Affiliates) from, Environmental Liabilities for environmental conditions existing at the Core Properties and PPE as of the Effective Date.
- c. For purposes of this Agreement, “Environmental Liabilities” shall mean any and all current, future, known, or unknown liabilities, claims, or obligations associated with the Core Properties and PPE arising under any federal, state, or local statute, ordinance, code, regulation, or common law regulating, relating to, or imposing liability for environmental contamination relating to hazardous substances, hazardous materials, contaminants and pollutants of any kind including without limitation common law, the Indiana Environmental Legal Action statute, and the federal statutes commonly known as CERCLA, RCRA, FIFRA, EPCRA, TSCA, OSHA, the Clean Water Act, and the Clean Air Act as well as any state or local law analogues. “Environmental Liabilities” shall further mean any current, future, known, or unknown liabilities, claims, or obligations for increased costs, changes to the Redevelopment Work or the Project, tort claims, and any other liability, claim, cost or obligation whatsoever arising from or related to the presence of any substances in the soil, air, surface water or ground waters of the Core Properties and PPE as of the Effective Date.

- d. Neither Party releases the other Party from any Environmental Liabilities associated with the exacerbation of environmental conditions existing at the Core Properties and PPE as of the Effective Date caused by the other Party's acts or omissions that occur after the Effective Date.
- e. If a third party makes a claim against either or both Parties, either Party shall be entitled to defend its interests by pointing to the acts or omissions of the other Party that occurred before or after the Effective Date, but shall only be able to bring a claim, whether a direct claim, cross claim or third party claim, against the other Party based on the other Party's acts or omissions that occurred after the Effective Date that exacerbated environmental conditions that existed at the Core Properties or PPE as of the Effective Date.

13. Accession Agreements

- a. The Parties acknowledge and agree that they shall be fully responsible for the conduct of their representatives, contractors, consultants, developers and agents (collectively, "Contractors") performing work at the Citizens Property, and shall ensure their full compliance with all aspects of this Agreement.
- b. Any Contractor or other third-party performing work at the Citizens Property that involves grading, excavating, disturbing, moving, filling or compacting soil in any way, or building any structure, prior to January 1, 2040, and any third party acquiring any right, title, or interest in the Citizens Property through assignment, sublease, purchase or otherwise, shall be provided a copy of this Environmental Agreement and all of its attachments prior to performing any work at the Citizens Property and shall specifically execute a written Accession Agreement approved by Citizens that states:
 - i. it has read and agrees to be bound by the site restrictions, obligations and restrictions contained in Paragraphs 5, 6, 7, 8, 10, 12, and 13 of this Agreement;
 - ii. it specifically acknowledges that there are known and unknown preexisting environmental conditions at the Citizens Property;
 - iii. it specifically acknowledges that there are currently, or will be in the future, ERCs on the Citizens Property with which it will fully comply; and
 - iv. it specifically releases and waives any claims against Citizens as described in Paragraph 12 of this Agreement.
- c. Copies of all Accession Agreements executed within five (5) years of the Effective Date shall be provided to Citizens. The City acknowledges and agrees that its obligation to obtain fully-executed Accession Agreements is a critical term of this Agreement and the failure by the City to do so is a breach subject to enforcement through a request for specific performance and damages. Should any claims be asserted against Citizens as a result of the City's failure to obtain an Accession Agreement as required by this Paragraph, the City shall fully defend, indemnify

and hold harmless Citizens from any such claim and any resultant judgment or award.

- d. The obligations under this Paragraph 13 to acquire Accession Agreements shall terminate ten (10) years after Citizens deeds the Core Properties or PPE to the City, respectively. The requirements under this Paragraph 13 (i) shall not include Contractor work or services that solely involve the interior of any constructed improvement once the improvement at issue has been completed; and (ii) shall be limited to prime contractors provided that any prime contracts must contain a provision that the prime contractor's sub-contractors shall also be bound and comply with the terms of the Accession Agreement.
- e. The Parties agree that Citizens may record in the deed records for the Citizens Property a Memorandum of this Agreement.

14. No Waiver. No failure on either Party's part at any time to require the other Party's performance of any term hereof shall be taken or held to be a waiver of such term or in any way affect such Party's right to enforce such term, and no waiver on either Party's part of any term hereof shall be taken or held to be a waiver of any other term hereof or breach thereof.

15. Severability. Invalidity or unenforceability of any particular provision hereof shall not affect the other provisions, and this Agreement shall be construed in all respects as if such invalid or unenforceable provision had not been contained herein.

16. Entire Agreement: Written Modifications: Incorporated by Reference. This Agreement, in conjunction with the Project Agreement, Ground Lease, and any subsequent documentation agreed-upon by the Parties to effectuate the terms of these agreements, contains the entire understanding between the Parties with respect to environmental matters related to the Citizens' Property. All prior representations, promises, and oral agreements between the Parties with respect to environmental matters are merged hereunto and expressed herein. This Agreement shall not be amended, modified or supplemented except by written agreement signed by both Parties. Exhibits A, B.1 and B.2 are expressly incorporated by reference herein.

17. Governing Law. This Agreement shall be governed by and subject to the laws of the State of Indiana.

18. Notices. All notices and other communications hereunder, including, without limitation, all requests for approvals and notices of approvals or disapprovals, shall be in writing and shall be deemed to have been duly given if hand delivered; if emailed; if sent by certified or registered mail, return receipt requested, postage prepaid; or if sent by overnight delivery, addressed as follows:

To Citizens: Citizens Energy Group
 2020 Meridian Street
 Indianapolis, IN 46202-1393
 Attn: Ms. Jennett M. Hill, Esq.
 jhill@citizensenergygroup.com

With a Copy To: Barnes & Thornburg LLP
11 S Meridian Street
Indianapolis, IN 46204
Attn: Mr. John Kyle III, Esq.
john.kyle@btlaw.com

To the City: City of Indianapolis
Corporation Counsel
City-County Building, 1601
200 Washington St.
Indianapolis, IN 46204
Attn: Mr. Andrew J. Mallon, Esq.
andy.mallon@indy.gov

With a Copy To: Faegre Baker & Daniels
300 Meridian Street, Suite 2700
Indianapolis, IN 46204
Attn: Mr. H. Max Kelln, Esq.
h.max.kelln@faegrebd.com

or to such other address as shall be furnished in writing by either party to the other Party. All notices and other communications hereunder given in the manner provided above shall be deemed effective on the date personally delivered, two (2) days after the date deposited with the United States Postal Service or, if sent by certified mail or by overnight mail, on the date of delivery or when delivery is first attempted.

19. Public Announcements. Subject to applicable law, the content and methods of dissemination of public announcements relating to this Agreement or other agreements and understandings between the Parties will be mutually agreed upon by the Parties to the extent practicable.

20. Confidentiality. The Parties executed a Mutual Non-Disclosure Agreement on March 28, 2017, in order to facilitate the Parties' discussions regarding the Project (the "NDA"). The provisions of the NDA are hereby incorporated into this Agreement in all respects, and all information shared between the Parties shall be subject to the NDA, including the provisions regarding Common Legal Interest set forth in Section 5 of the NDA. The effectiveness and enforceability of the NDA shall be separate from and shall survive the termination of this Agreement. No other provision of this Agreement shall be construed as authorizing the disclosure of Confidential Information (as defined in the NDA) that concerns Common Legal Interest or waiving the Common Legal Interest Privilege.

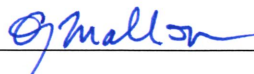
21. Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same instrument. For evidentiary purposes, electronically transmitted counterparts of this Agreement shall be deemed to be originals.

[The rest of this page has been intentionally left blank.]

IN WITNESS WHEREOF, the parties have executed this Agreement as of the day and year first above written.

CITY:

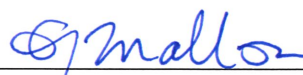
CONSOLIDATED CITY OF INDIANAPOLIS
AND MARION COUNTY

By: 

Name: Andrew J. Mallon

Title: Corporation Counsel as designee
of Mayor Joseph H. Hogsett

APPROVED AS TO FORM AND LEGALITY:


Corporation Counsel

(Signature Page to Environmental Agreement)

CITIZENS:

DEPARTMENT OF PUBLIC UTILITIES FOR
THE CITY OF INDIANAPOLIS, ACTING BY
AND THROUGH THE BOARD OF DIRECTORS
FOR UTILITIES, AS TRUSTEE, IN
FURTHERANCE OF A PUBLIC CHARITABLE
TRUST D/B/A CITIZENS ENERGY GROUP





Jeffrey A. Harrison, President and
Chief Executive Officer

(Signature Page to Environmental Agreement)



LEGEND

 Parcel owned by Citizens and enrolled in the Voluntary Remediation Program

 Parcel owned by Citizens

1302 N. MERIDIAN ST., STE. 300
INDIANAPOLIS, INDIANA 46202


August Mack
ENVIRONMENTAL

Citizens Energy Group
2950 Prospect Street
Indianapolis, Indiana

Prospect Street Facility

PROJECT No.: JQ1578.320	FILENAME: I:\2016\Projects\JQ1578\Task 1...\ Figures\Aerial Base.dwg	DATE: 12/15/2017
DRAWN BY: BA	MODIFIED BY: BO	SCALE: 1" = 400'
		FIGURE: Exhibit A

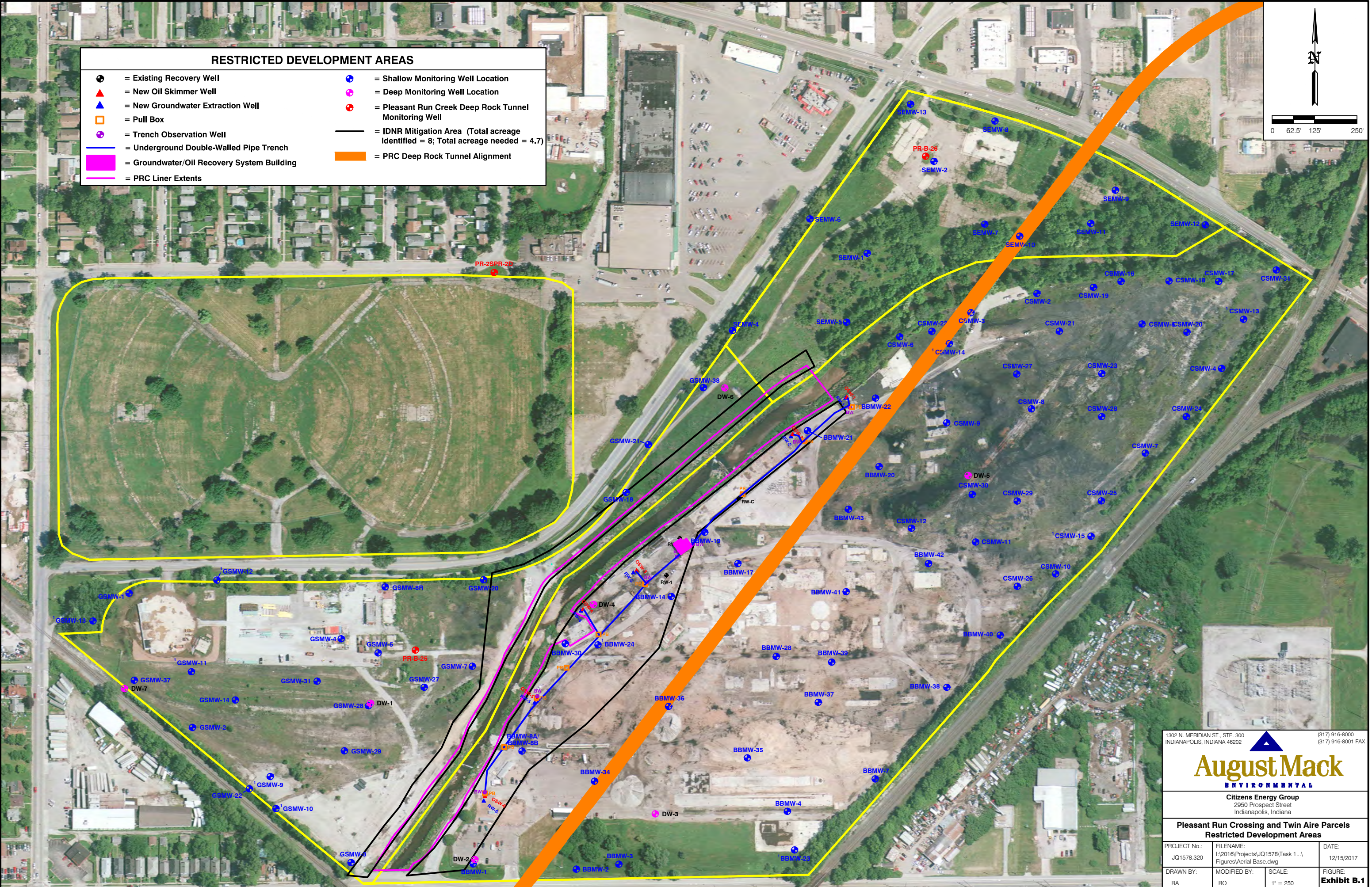
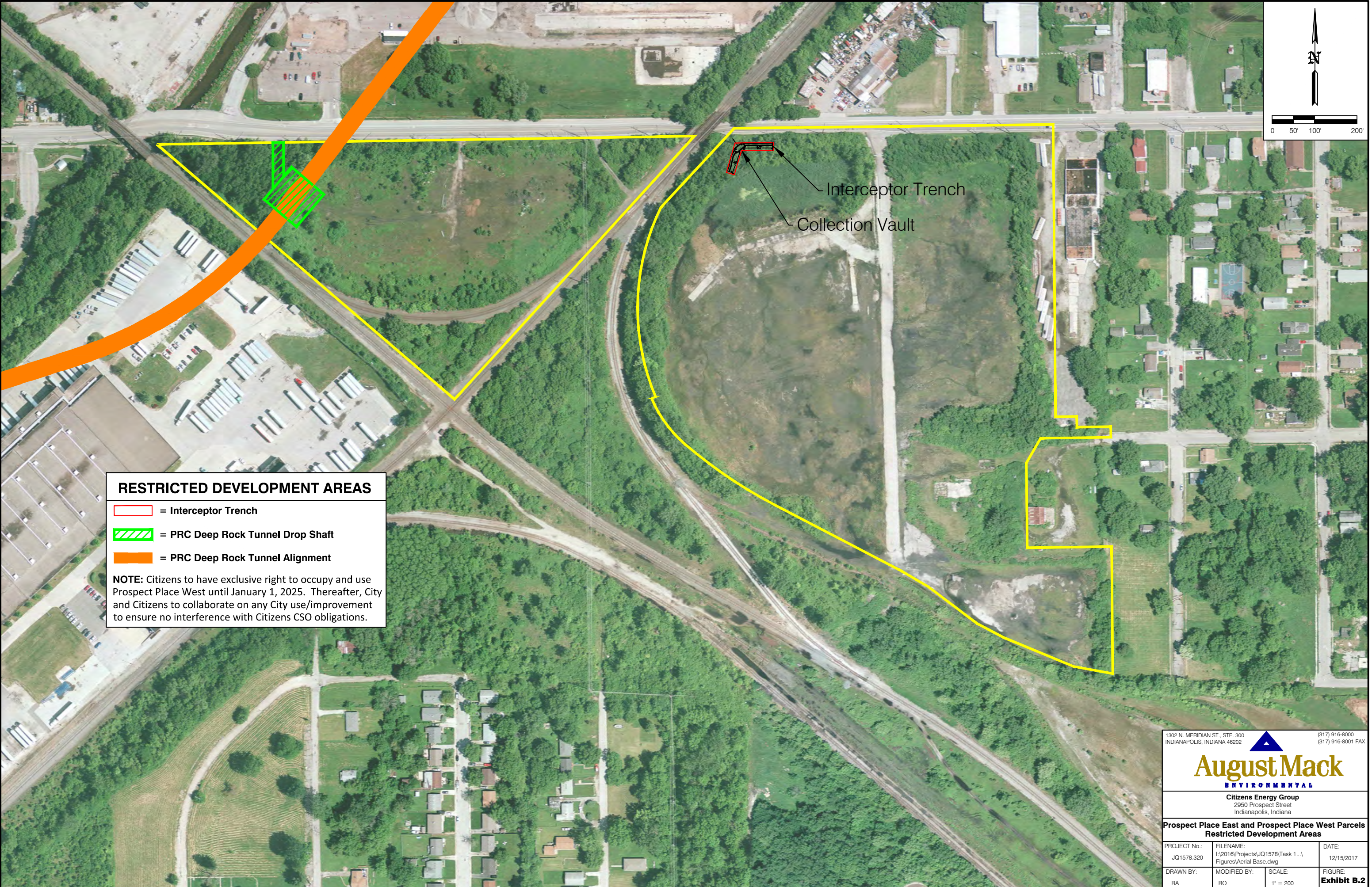





Exhibit 3 - Community Justice Campus Environmental Agreement - Page 14



RESTRICTED DEVELOPMENT AREAS

 = Interceptor Trench

 = PRC Deep Rock Tunnel Drop Shaft

 = PRC Deep Rock Tunnel Alignment

NOTE: Citizens to have exclusive right to occupy and use Prospect Place West until January 1, 2025. Thereafter, City and Citizens to collaborate on any City use/improvement to ensure no interference with Citizens CSO obligations.

1302 N. MERIDIAN ST., STE. 300
INDIANAPOLIS, INDIANA 46202

**August Mack**
ENVIRONMENTAL

(317) 916-8000
(317) 916-8001 FAX

Citizens Energy Group
2950 Prospect Street
Indianapolis, Indiana

**Prospect Place East and Prospect Place West Parcels
Restricted Development Areas**

PROJECT No.: JQ1578.320	FILENAME: I:\2016\Projects\JQ1578\Task 1...\ Figures\Aerial Base.dwg	DATE: 12/15/2017
DRAWN BY: BA	MODIFIED BY: BO	SCALE: 1" = 200'
		FIGURE: Exhibit B.2

GROUND LEASE

THIS GROUND LEASE (this "**Lease**") is made and entered into as of the 18th day of May, 2018 (the "**Commencement Date**"), by and between the Department of Public Utilities of the City of Indianapolis, acting by and through the Board of Directors for Utilities, as successor trustee, in furtherance of a public charitable trust d/b/a Citizens Energy Group, the successor in interest to Citizens Gas & Coke Utility Co. ("**Landlord**"), and the Consolidated City of Indianapolis and Marion County, Indiana ("**Tenant**");

RECITALS

A. Landlord is the fee owner of those certain parcels of real property situated in Marion County, Indiana, which real property is legally described in the attached Exhibit A, together with all rights, privileges, easements, all of Landlord's interest in all improvements now or hereinafter located thereon, and appurtenances belonging to or in any way appertaining thereto (collectively, the "**Land**"). The parties commonly refer to the Land as the three parcels which are depicted on the attached Exhibit A-1: Pleasant Run Crossing North, Pleasant Run Crossing South and Pleasant Run Crossing.

B. Landlord and Tenant have executed a Project Agreement on December 17, 2017 that concerns the Land and other matters between the parties (the "**Project Agreement**"). Undefined capitalized terms in this Lease shall have the same meaning as such terms are defined in the Project Agreement.

C. Pursuant to the Project Agreement, the parties agree that Tenant may perform certain site preparation and excavation work and construct certain improvements related to the Project on the Land (collectively, the "**Improvements**"), subject to the conditions contained in the Project Agreement, the Environmental Agreement and this Lease.

D. Contemporaneously and in connection with the Project Agreement, Landlord and Tenant have executed an Environmental Agreement that governs environmental impacts and various environmental activities on the Land on December 17, 2017 (the "**Environmental Agreement**").

E. Landlord desires to lease to Tenant and Tenant desires to lease from Landlord the Land upon all of the covenants, terms and conditions of this Lease.

1. LEASE OF THE LAND

Landlord hereby leases to Tenant and Tenant leases from Landlord the Land, upon and subject to the terms, conditions, covenants and provisions of this Lease. Subject to the terms of the Environmental Agreement and Project Agreement, Tenant hereby accepts the Land in its present condition "as is" without representation or warranty from Landlord of any kind or nature, including, without limitation, its suitability or fitness for the construction or operation of the Improvements or for any other particular purpose. Landlord shall retain the right to possess, occupy and use the Land to the extent necessary for Landlord to implement the RWP, to obtain the Certificate and Covenant Not to Sue and to comply with Landlord's obligations under the Environmental Agreement, all as described in more detail in, and subject to, the Project

Agreement and Environmental Agreement. Landlord and Tenant shall work cooperatively and in such a way that neither party materially interferes with the operations of the other to permit (i) Landlord to implement the RWP and to comply with the Environmental Agreement and (ii) Tenant to develop the Project.

2. TERM

All terms and provisions of this Lease shall commence on and be binding on the parties hereto as of the Commencement Date and shall expire at 11:59 p.m. on February 29, 2052 (the "**Term**").

3. LEASE FEE

Contemporaneously with execution and delivery of the Lease, Tenant shall accrue the obligation to pay Landlord the sum of Two Million One Hundred Thousand Dollars (\$2,100,000.00) (the "**Lease Fee**") as compensation for the rights Landlord is granting Tenant under the Lease. Tenant shall pay the Lease Fee on or before June 30th, 2018. The parties are allocating the Lease Fee to the Land as follows: (i) Pleasant Run Crossing – Six Hundred Fifty Thousand Dollars (\$650,000.00); (ii) Pleasant Run Crossing North – Six Hundred Sixty-Two Thousand Dollars (\$662,000.00); and (iii) Pleasant Run Crossing South – Seven Hundred Eighty-Eight Thousand Dollars (\$788,000.00). The Lease Fee shall be prepaid rent for the entire Term and the eventual conveyance of the Land to Tenant pursuant to Section 18. Tenant shall have no obligation to pay any further sums as rent or other consideration for the conveyance of the Land.

4. TAXES AND ASSESSMENTS

A. Impositions. Following the Commencement Date, Tenant shall pay or cause to be paid (except as expressly excluded herein), before any fine, penalty, interest or cost may be added thereto for the nonpayment thereof, all taxes, duties, general or special assessments, water and sewer charges, levies, license and permit fees and other governmental charges of any kind and nature whatsoever, ordinary or extraordinary, whether foreseen or unforeseen, which are assessed for or become a lien on, the Land or any appurtenance thereto during the Term, together with any interest or penalties assessed for the late payment or non-payment thereof (all of which are collectively referred to herein as "**Impositions**") and all taxes, duties and levies which substitute for or supplement in whole or in part the above-described taxes, duties and levies. Landlord shall be responsible for all Impositions which are due and payable on or prior to the Commencement Date and shall pay such Impositions prior to the date due. Tenant shall be entitled to any refund of any Impositions which have been paid by Tenant either to the taxing authority or to Landlord to the extent such refund relates to a period within the Term. If Landlord receives any such refund, Landlord shall promptly pay such refund to Tenant. Nothing contained in this Lease shall require Tenant to pay any municipal, state or federal income taxes assessed against Landlord respecting Landlord's net income, nor any municipal, state or federal, gift, estate, succession, inheritance, transfer, or excess profits taxes imposed upon Landlord. Tenant shall receive a credit against the Lease Fee for an amount equal to the amount of Impositions assessed against the Land for the period prior to the Commencement Date but not due and payable until after the Commencement Date, with such Impositions assessed for the year

in which the Commencement Date falls being prorated based on the number of days prior to and including the Commencement Date as compared with the number of days after the Commencement Date. In exchange for the credit against the Lease Fee, Tenant shall assume the Landlord's obligation to pay any Impositions due and payable under the Commencement Date for which the credit was received. Tenant shall have the right, at its cost and expense and in the manner prescribed by law, to cause the Land to be exempt from Impositions during the Term, and Landlord shall cooperate with such efforts so long as at no cost to Landlord. In no event shall Tenant be required to pay Impositions assessed for any period prior to the Commencement Date, except for Impositions for which Tenant has received a credit against Tenant's obligation to pay the Lease Fee as set forth herein.

B. Tenant Contesting Impositions. Tenant shall have the right to seek a reduction in the valuation of the Land and to contest in good faith by appropriate proceedings, at Tenant's sole cost and expense, the amount or validity in whole or in part of any Impositions. Nothing contained herein shall be so construed as to allow such Impositions to remain unpaid for such length of time as shall permit the Impositions to become delinquent or the Land, or any part thereof, or the lien thereon created by such Impositions, to be advertised for sale or sold or foreclosed by a governmental authority for nonpayment of the same or to suffer any penalty whatsoever, or subject Landlord to any liability arising out of the non-payment thereof.

C. Participation by Landlord. Landlord shall join in any proceedings to contest such Impositions, or permit such proceedings to be brought in its name, if, and only if, the provisions of any law, rule or regulation at the time in effect shall require that such proceedings be brought by or in the name of Landlord or any owner of the Land. Landlord shall have the right to charge Tenant for any third-party costs, including reasonable attorneys' fees, incurred with respect to Landlord's participation in a proceeding to contest Impositions. Tenant shall reimburse Landlord from and against any and all claims, demands, liability, suits, actions, judgments and recoveries in connection with any such proceedings. Tenant shall be entitled to any refund of any Impositions and any penalties and interest thereon received as a result of such proceedings by Landlord, to the extent the same have been paid by Tenant, or have been paid by Landlord and previously reimbursed in full by Tenant.

5. NET LEASE; NON-TERMINABILITY

A. Net Lease. This is a triple net lease and the Lease Fee, Impositions and other sums payable hereunder by Tenant shall be paid without notice or demand, and without set-off, counterclaim, abatement, deduction, defense or deferment.

B. Non-Terminability. Except as otherwise expressly provided in this Lease, this Lease shall not terminate and Landlord and Tenant waive all rights which may at any time exist by law to quit, terminate or surrender this Lease or all or part of the Land.

6. USE

Tenant shall be permitted to use the Land for any and all purposes, so long as in compliance with all applicable government laws, statutes, codes, ordinances, requirements, orders, directives, standards, rules and regulations applicable to the Land, the Improvements and

the Project (collectively, "**Laws**") and with the terms of the Project Agreement and Environmental Agreement (the "**Permitted Use**").

7. IMPROVEMENTS, UTILITIES AND MAINTENANCE

A. Site Development Plans and Design of Improvements. The parties acknowledge that this Lease has been entered into prior to Landlord's receipt of Site Development Plans as contemplated in Article II of the Project Agreement and prior to the satisfaction of the Conditions Precedent set forth in Article VIII(C)(i), (ii), (iii) and (vi) of the Project Agreement, particularly to the extent these Conditions Precedent require that Landlord would have had a reasonably sufficient opportunity to review Site Development Plans for the initial phase of the Project until the same are approved as provided in Sections 7(B) and 7(C) below. Tenant acknowledges and expressly understands Landlord is not waiving its rights under Article II of the Project Agreement ("**Citizens Site Impact Approval Rights**"), which rights Tenant acknowledges have been fully reserved and retained. It is a material condition to Landlord's execution and delivery of the Lease that it has assurances the Site Development Plans and any Improvements (i) are reasonably consistent with Landlord's obligations in the approved RWP, (ii) are not reasonably expected to increase Landlord's cost of implementing and completing the RWP, (iii) are reasonably expected to comply with the terms of the Environmental Agreement (as defined herein), and (iv) are not reasonably expected to trigger additional potential liability to Landlord under any federal, state or local law (collectively, the "**Site Design Standards**"). The parties acknowledge that certain preliminary site preparation and excavation work with regard to the Project ("**Preliminary Site Work**") has been approved and is occurring and continuing under the Access Agreement dated May 9, 2017 in accordance with the terms and conditions of that agreement, including without limitation the exhibits thereto (the "**Access Agreement**"). It is contemplated that after the Commencement Date there may be additional Preliminary Site Work of similar and limited nature as to that already approved under the Access Agreement, which the parties may approve outside of the process established in Section 7(B) and 7(C), which work shall require specific prior review and approval by the Landlord in writing, based on the Site Design Standards, which review and approval shall be completed as contemplated in Exhibit J to the Access Agreement. Otherwise, Tenant shall comply with the requirements of this Section 7 prior to commencing the construction of any Improvements.

B. Site Design Committee. To facilitate compliance with this Section 7 and with Article II of the Project Agreement, Landlord and Tenant have determined that it is in the mutual best interests of the parties to establish a committee of technical experts (the "**Site Design Committee**") to review and ensure that all Improvements are consistent with the Site Design Standards. The Site Design Committee shall be comprised of three individuals that possess one or more of the following qualifications: (i) are a "design criteria developer" under Indiana Code 5-30-1-5, an accredited Certified Hazardous Materials Manager (CHMM) by the Institute of Hazardous Materials Management, a licensed Professional Engineer (P.E.) or a licensed professional geologist under Indiana law, and (ii) have the requisite technical background to evaluate if any Improvements the Tenant intends to construct comply with the Site Design Standards. Landlord shall have the right to appoint two members of the Site Design Committee. Tenant shall have the right to appoint one member of the Site Design Committee. Each party shall be responsible for compensating their respective appointees to the Site Design Committee and shall have the right to remove and replace their respective appointees from time to time. The

Site Design Committee shall examine all design criteria packages (as such term is defined in Indiana Code 5-30-6-3) or other procurement process Tenant utilizes for designing Project Improvements for compliance with the Site Design Standards. Tenant shall cause the design criteria developer or its other employees, agents or contractors involved with the design of any Improvements related to the Project to provide any information requested by any member of the Site Design Committee that is reasonably related to the Site Design Standards (individually and collectively, a "**Design Information Request**"). Any Design Information Request that concerns the following shall be deemed reasonable: (i) disturbances to surface and subsurface soil management; (ii) proposed soil cover/removal areas identified in the approved RWP; (iii) stormwater management and discharges to Pleasant Run Creek ("**PRC**"); (iv) disturbances of any system installed in PRC as part of the IDEM-approved PRC Interim Measure; (v) Environmental Restrictive Covenant requirements; (vi) operation and maintenance of the hydraulic system and groundwater capture treatment system; (vii) potential impacts to and protection of groundwater at the Land; and (viii) subgrade improvements and disturbances, including structure foundations of any kind and protection of the clay aquitard and underlying "deep" aquifer. Landlord acknowledges that the Improvements will be designed on a design/build basis and that the design criteria packages or similar bids for design of any Improvements (collectively, the "**Design Bids**") will not be a final design plan and will likely be modified by the joint agreement of Tenant and the designer/builder prior to the completion of proposed final plans for the Improvement. The Site Design Committee shall be given an opportunity for a period of twenty (20) days prior to issuance to review and provide comments and input on Design Bids, which Tenant shall review and consider and to the extent reasonably appropriate under the circumstances incorporate or otherwise address as part of the process. The submission of the Design Bids to bidders by Tenant shall not limit Landlord's right to approve, or the prerequisite that the Site Design Committee approve, the Final Plans, as provided below. To the extent the Site Design Committee has additional comments on the Design Bids based on the Site Design Standards, after the same have been issued to bidders, Tenant will either (i) provide the additional comments, in the form of updated instructions, to all bidders, or (ii) cause such comments to be appropriately incorporated into the Final Plans. The Site Design Committee shall use commercially reasonable efforts to complete its obligations in this Section in accordance with Tenant's development and construction schedule. The parties acknowledge that to the extent notice to or approval of IDEM is necessary or advisable to reasonably assure compliance with this Lease, the Project Agreement, the Environmental Agreement or any environmental restrictive covenants, the application of any timeframes for review or approval of any site work or Improvements by Landlord or the Site Design Committee shall not be construed as a waiver of Landlord's rights under this Lease or such other agreement or covenant or to limit or restrict the giving or obtaining of such notices or approvals.

C. Construction of Improvements. Prior to commencing construction of any Improvements, Tenant shall submit the final plans for such Improvements to the Site Design Committee (the "**Final Plans**"). Upon receipt of the Final Plans, the Site Design Committee shall have thirty (30) days to determine if the Final Plans comply with the Site Design Standards and upon approval, all members of the Site Design Committee shall sign a certificate stating the Final Plans comply with the Site Design Standards (the "**Design Certificate**"). Tenant shall have the right to begin construction of any Improvements in accordance with the Final Plans only after all members of the Site Design Committee have signed the Design Certificate. Landlord hereby agrees that Tenant shall have the right to use, move, alter or destroy any

existing improvements on the Land or engage in any acts necessary with respect to any existing improvements as of the Commencement Date that Tenant deems necessary for the development of the Project, so long as Tenant complies with the Final Plans, the Project Agreement, the Environmental Agreement, the ERC and all Laws in moving, altering or destroying any existing improvements.

D. Future Project Phases or Improvements. If Tenant desires to construct additional Improvements or modify Improvements described in the Final Plans (collectively "**Future Improvements**"), Tenant shall provide written notice of its intent to construct Future Improvements to Landlord. The parties mutually agree to establish a process by which Future Improvements that obviously would not or reasonably would not be expected to impact the Site Design Standards would not need to be submitted under the prior sentence. Upon receipt of a notice under this Section 7(D), the parties shall promptly reconstitute the Site Design Committee in accordance with this Section 7 and work diligently and in good faith to cause the approvals required under this Section to be obtained in a timely manner, as is consistent with good construction management practices and with the size and nature of the Future Improvement for which approval is requested. To the extent applicable to the subject Future Improvement, the Site Design Committee shall examine the design criteria package or similar other design procurement documents in accordance with the requirements and review standards of this Section 7 and shall issue a Design Certificate once the Site Design Committee is satisfied the Final Plans for the Future Improvements comply with the Site Design Standards, as provided in Section 7(C). Tenant shall not proceed with constructing the Future Improvements before the Site Design Committee has provided a Design Certificate for the Final Plans for the Future Improvements.

E. Design Certificates and the Site Design Committee. Any Design Certificate or any inquiries or approvals of the Site Design Committee in this Section 7 shall not be construed as Landlord's endorsement or approval of the use of a specific Improvement or any portion of the Project as the Site Design Committee's responsibilities are limited to evaluating if a specific Improvement or portions of the Project comply with the Site Design Standards. Nothing in Section 7 shall be construed as limiting Tenant's responsibility for constructing Improvements in accordance with the Final Plans or any liabilities under any Laws that may be triggered by the development, construction or operations of the Improvements, regardless whether the Improvement at issue was constructed in accordance with the Final Plans and the requirements of this Section 7. The Site Design Committee's issuance of a Design Certificate and written confirmation the Final Plans conform with the Design Certificate as set forth in this Section 7 shall be deemed Landlord's approval of the Site Development Plans as required in Article II of the Project Agreement with respect to the Improvements evaluated by the Site Design Committee. If there is any conflict between Section 7 of this Lease and any provision of the Project Agreement, this Section 7 shall control the interpretation of the parties' respective rights and obligations as to the conflicting provisions.

F. Title to Improvements and Trade Fixtures. Until the expiration of the Term of this Lease (subject, however, to the rights of a Mortgagee to obtain a new lease as set forth herein), to the extent permitted under Indiana law, title to the Improvements erected on the Land by Tenant and the building equipment and other items installed thereon by Tenant and any

alteration, change or addition to the Improvements or any new or replaced Improvements constructed by Tenant shall remain solely in Tenant.

G. Utilities. Landlord shall have no obligation to pay for any costs related to the construction, connection, maintenance and operation of water, electric, gas, storm sewer, sanitary sewer, telephone and other utility lines and facilities on the Land or for the Project. To the extent Tenant requires any such utility lines and facilities, Tenant shall pay all costs for the construction, connection, maintenance and operation thereof and shall make any deposits required. The terms of this Section shall not reduce the rights and obligations set forth in Article VI of the Project Agreement.

H. Maintenance and Repair. Landlord shall have no obligation to maintain and repair any Improvements erected or situated on the Land. Tenant may at any time or from time to time, at its sole cost and expense, demolish all or any Improvements on the Land. Landlord shall not be required to furnish any services or facilities or to make any improvements, repairs or alterations in or to the Land. Tenant agrees to keep the existing improvements, if any, safe and secure prior to demolition. The foregoing shall in no event modify or limit the obligations of Tenant and Landlord under the Project Agreement or the Environmental Agreement. Tenant shall also have the responsibility for securing the Land from unauthorized trespassers and providing adequate security and safety measures on the Land during the Term of this Lease. Until such time as the surface soil components of the RWP (covers, removals and erosion control) are complete, Tenant shall maintain and repair the existing fencing around the Land, or at Tenant's option, install and maintain additional fencing for that part of the Land which is subject to continuing work on the surface soil components of the RWP.

I. Waiver of Liens. During any period of demolition or construction during the Term, Tenant shall procure from each of its contractors, subcontractors, materialmen and laborers furnishing labor, services or materials to the Land releases or waivers of any claims to liens impacting the Landlord's fee interest in the Land. Should any lien be filed against the Land or Landlord's property as a result of Tenant's work, Tenant shall notify Landlord as soon as practical and Tenant shall at its option, undertake one of the following actions within forty-five (45) days after the mechanics' lien is filed: (i) post a bond or discharge the mechanics' lien through satisfaction of the underlying debt; (ii) provide title insurance to insure over any such mechanics' lien while contesting the validity of such mechanic's lien; or (iii) escrow proceeds in an amount equal to one hundred percent (100%) of the amount of each claim while contesting the validity of such mechanic's lien. As each mechanics' lien is released and satisfactory evidence of such is delivered to Landlord, the amount previously held in escrow with respect thereto shall be paid to Tenant.

J. Mechanic's Liens. Tenant shall not suffer or cause the filing of any mechanic's lien against the Land or any part thereof. If any mechanic's lien is filed against the Land or any part thereof for work claimed to have been done for, or material claimed to have been furnished to, Tenant, then Tenant shall either (a) promptly cause such mechanic's lien to be discharged of record by bonding or otherwise in the manner prescribed by the applicable laws or (b) provide to Landlord evidence that the mechanic's lien is being contested by proceedings adequate to prevent foreclosure of the mechanic's lien. All mechanic's liens suffered or caused by Tenant shall attach

to Tenant's interest only and Tenant shall take all appropriate steps to insure such liens do not attached to Landlord's fee estate.

8. INSURANCE, AND LIABILITY ALLOCATION

A. Parties' Intent Regarding Allocation of Liability. It is the parties' intent and desire that Tenant be solely liable for any and all claims, losses, costs, liabilities, damages or expenses (collectively, "**Costs**") directly or indirectly arising out of the tenancy contemplated by this Agreement. However, Landlord shall be liable for all Costs related to Landlord's rights to possess, occupy and use the Land for the purposes reserved in Section 1 of this Lease, the Project Agreement and Environmental Agreement and for Landlord's negligence and intentional misconduct. Landlord and Tenant agree to take any steps reasonably necessary (including reimbursement of reasonable costs/losses) to effectuate this intent.

B. Required Insurance. Commencing with the Commencement Date and continuing until the last day of the Term, Tenant shall carry special form property insurance which adequately insures against the risk of physical loss or damage to the Improvements, with companies which are authorized to do business in the State of Indiana. Tenant shall procure and continue in effect public liability and property damage insurance, with respect to the operation of the Land and the Improvements as of the Commencement Date. Such public liability insurance shall cover liability for death or bodily injury in any one accident, mishap or casualty in a sum of not less than \$3,000,000 combined single limit coverage. Such public liability insurance shall be endorsed to include Landlord as an additional insured (ISO Form C6 20 11 or similar). The proceeds from Tenant's casualty insurance hereunder shall be paid to and be the sole property of Tenant. Any insurance carried or required to be carried by Tenant or any successor Public Party may be carried by self-insurance consistent with Tenant's then current risks management program or, at Tenant's option, pursuant to a master policy of insurance or so called blanket policy of insurance. However, such self-insurance shall act, in all respects, as ordinary commercial insurance including, without limitation, any requirements to name Landlord as additional insured. Landlord and Tenant agree that, in the event of loss due to any of the perils for which they have agreed to provide insurance, or to which they actually have insurance coverage, each party shall look first to its insurance, or insurance which would be in place but for such party's self-insurance program for recovery.

C. Waiver of Subrogation. Landlord and Tenant hereby grant to each other, on behalf of any insurer providing insurance to either of them, with respect to the Land or Improvements and with regard to either party's personal property located on the Land, a waiver of any right of subrogation which any insurer of one party may acquire against the other by virtue of payment of any property damage under such insurance, provided that such waiver of the right of subrogation shall not be operative where the effect is to invalidate such insurance coverage. The parties waive and release any and all rights of recovery which either party may have against the other party for any loss or damage, whether or not caused by any alleged negligence of the other party, its employees, contractors, agents, invitees or licensees, to the extent that such loss or damage is, or would be, covered by any insurance required to be maintained under this Lease.

D. Forms of Policies. For each policy of insurance which Tenant is required to maintain under this Lease, Tenant shall furnish to Landlord, upon written request for the same, a current certificate of the policy, showing that the policy is in full force and effect.

E. Casualty and Condemnation. In the event of damage to, or total or partial destruction of, any Improvements and if Tenant determines to restore, replace or rebuild the Improvements on the Land and continue the authorized business operations thereon, then in that event Tenant shall promptly restore, replace or demolish the damaged or destroyed Improvements in compliance with this Lease. Landlord shall cooperate and provide all reasonable assistance in connection with obtaining the largest possible recovery of insurance proceeds and the payment of insurance proceeds as provided in this Section (including without limitation, executing, filing and joining in consents, settlement agreements and other and incidental documents, instruments and agreements as may be necessary in connection with the foregoing); provided that Tenant shall reimburse Landlord on receipt of adequate supporting documentation for any reasonable out of pocket costs and expenses (including reasonable attorney's fees and expenses) actually incurred by Landlord to cooperate with Tenant as required by the terms and provisions of this Section. In the event that all or any part of the Land or the Improvements is taken or condemned for public or quasi-public use under any statute or by the right of eminent domain, or if the condemning authority files an action related thereto, or, in lieu of a taking, all or any part of the Land or the Improvements is conveyed to a public or quasi-public body under threat of condemnation, and if Tenant determines to restore, replace or rebuild the Improvements on the Land and continue the authorized business operations thereon, then in that event Tenant shall promptly restore the Land and restore, replace or demolish any Improvements taken or conveyed in lieu of a taking. All compensation paid as a result of any taking or conveyance in lieu of a taking shall belong to, and be the sole property of, Tenant and Tenant shall have the sole and exclusive right to negotiate for the same. Landlord acknowledges that Tenant does not have to obtain Landlord's consent or approval regarding any final settlement of any condemnation or taking awards or the amount of any insurance proceeds. In no event shall any condemnation result in the termination of this Lease unless the entirety of the Land is so taken.

9. DEFAULT

A. Tenant Default. If Tenant fails to perform or comply with any of the covenants, agreements, terms, or conditions contained in this Lease, the Project Agreement, or the Environmental Agreement (individually and collectively, a "**Tenant Default**"), and such Tenant Default shall continue for a period of thirty (30) days after written notice thereof given by or on behalf of Landlord to Tenant, provided that if the same cannot be reasonably cured within such 30-day period, then, so long as Tenant promptly proceeds to commence the cure and thereafter prosecutes the same diligently, Tenant's cure period shall be extended as may be reasonable under the circumstance and Tenant shall not be considered in default; provided that should Landlord suffer any damages related to the condition at issue during Tenant's cure period, Landlord shall be entitled to recover any third-party costs it incurs from Tenant with respect to such Tenant Default. Notwithstanding anything to the contrary in this Section 9(A), Tenant shall have only five business (5) days to cure a default of its obligation to timely pay the Lease Fee on or before June 30th, 2018 in Section 3. If the Lease Fee Default is not cured, Tenant shall owe

Landlord an interest charge on the unpaid amount of the Lease Fee at a rate of eight and one half percent (8.5%) per annum, compounded on a daily basis.

B. Landlord's Remedies. Upon the occurrence of any Tenant Default, Landlord shall have the option to pursue the following remedies, as its sole and exclusive remedies, subject to the satisfaction of all notice provisions in this Lease and the rights and obligations of any Mortgagee set forth in Section 11 of this Lease:

(i) (a) At the cost and for the account of Tenant, cure the failure of Tenant which resulted in the Tenant Default, and if necessary, enter upon the Land to effect such cure, and recover from Tenant the reasonable costs and expenses incurred by Landlord to effect the cure, together with interest thereon at the rate of eight and one half percent (8.5%) per annum, (b) obtain relief requiring specific performance (but not any equitable remedy involving the termination of this Lease), or (c) file suit to recover any monetary damages due to Landlord;

(ii) Pursuit of any of the foregoing remedies shall not constitute a forfeiture or waiver of any other sums due and payable hereunder, or of any damages accruing to Landlord by reason of the violation of any of the terms, provisions and covenants herein contained. Forbearance by Landlord to enforce one or more of the remedies herein provided upon Tenant Default shall not be deemed or construed to constitute a waiver of such default; or

(iii) Landlord agrees to provide any Mortgagees with notice and an opportunity to cure prior to Landlord's exercise of any rights herein as further provided below in Section 11 of this Lease.

C. Landlord's Default. In the event Landlord fails to perform any obligations specified under this Lease, the Project Agreement, or the Environmental Agreement, then Tenant, after continuance of any failure or such default for thirty (30) days after notice in writing thereof by Tenant, or such additional period as may be reasonable to effect such cure if Landlord promptly commences, and diligently pursues, the same (if the continuation of such default does not affect Tenant's ability to construct the Improvements or to operate a business on the Land, in which case only such cure period as is reasonable under the circumstances shall be permitted) then Tenant may cure such default, all on behalf of and at the expense of Landlord, and do all necessary work and make all necessary payments in connection therewith, and Landlord agrees thereafter on demand, to pay Tenant forthwith the amount so paid by Tenant; provided Tenant shall have no right to cure Landlord defaults under the Environmental Agreement or the RWP as it is the parties' intent Tenant's rights in that regard should be limited to declaratory relief.

D. Limitation on Parties' Remedies. Neither Landlord nor Tenant shall have any right to seek any remedy for breach of this Lease that would result in the termination of this Lease or permit the recovery of consequential, exemplary, punitive or other damages that are not directly related to the breach at issue. In no event shall this Lease be deemed to permit either party to exercise rights or remedies which are prohibited in the Project Agreement or the Environmental Agreement.

10. RECORDING

This Lease shall be recorded in the real property records of Marion County, Indiana ("Official Records") on the Commencement Date. If this Lease is amended, the amendment shall be recorded in the Official Records that memorializes the amendment to the Lease.

11. LEASEHOLD MORTGAGE

A. Permitted Mortgage. "**Permitted Mortgage(s)**" means collectively any deed(s) of trust, mortgages, financing leases or other collateral security instruments (including, without limitation, financing statements, security agreements and other documentation required pursuant to the Indiana Uniform Commercial Code, and any absolute or conditional assignments of rents and subleases) given to a Mortgagee (as defined below) and serving as security for one or more construction loans, permanent loans, mezzanine loans and/or other subordinate debt (otherwise permitted to be incurred hereunder) which Tenant may grant that encumbers all or part of Tenant's Estate (as defined in Section 11(B)) or Tenant's fixtures, together with any modification, substitution, amendment, extension, increase, refinancing, replacement or recasting (otherwise permitted to be incurred hereunder) thereof; provided, however, in no event shall any such Permitted Mortgage encumber Landlord's fee simple title to the Land. "**Mortgagee**" shall be any bank, insurance company, pension fund or other individual, corporation, partnership or other entity which is making a bona fide loan, take back purchase money mortgage, or an assignment-subleaseback transaction, including any bona fide public or quasi-public entity lender, but shall not include a mortgage or other encumbrance given solely with the intention of implementing a foreclosure to avoid the assignment restrictions contained in this Lease.

B. Encumbrance of Tenant's Estate. Tenant shall have the right to encumber (i) Tenant's interest in the Improvements, (ii) Tenant's leasehold rights, and (iii) all other rights of Tenant under this Lease and under the Project Agreement and the Environmental Agreement ("**Tenant's Estate**") pursuant to one or more Permitted Mortgages. Tenant shall, following its receipt of any notice of default or other notice of the acceleration of the maturity of a Permitted Mortgage from a Mortgagee, promptly deliver a true and correct copy thereof to Landlord.

C. Mortgagee Protections. Provided that any Mortgagee provides Landlord with a conformed copy of each Permitted Mortgage which contains the name and address of such Mortgagee, Landlord hereby covenants and agrees to faithfully perform and comply with the following provisions with respect to such Permitted Mortgage:

(i) No Modification. Except as provided herein, no action by Tenant or Landlord to modify the terms of this Lease or the provisions of this Section shall be binding upon a Mortgagee without its prior written consent.

(ii) Notices. If Landlord shall give any notice, demand, election or other communication which may adversely affect the security for a Permitted Mortgage, including without limitation a notice of a Tenant Default hereunder (hereinafter collectively, "**Notice(s)**"), to Tenant hereunder, Landlord shall simultaneously give a copy of each such Notice to the Mortgagee at the address theretofore designated by it. Such copies of Notices shall be sent by Landlord as provided in this Lease or as

otherwise reasonably requested by Mortgagee. No Notice given by Landlord to Tenant shall be binding upon or affect said Mortgagee unless a copy of said Notice shall be given to Mortgagee pursuant to this Section 11. In the case of an assignment of such Permitted Mortgage or change in address of such Mortgagee, said assignee or Mortgagee, by written notice to Landlord, may change the address to which such copies of Notices are to be sent. Landlord shall not be bound to recognize any assignment of such Permitted Mortgage unless and until Landlord shall be given written notice thereof that contains the name and address of the assignee. Thereafter, such assignee shall be deemed to be the Mortgagee hereunder with respect to the Permitted Mortgage being assigned.

(iii) Performance of Covenants. The Mortgagee shall have the right to perform any term, covenant or condition and to remedy any default by Tenant hereunder within the time periods specified herein, and Landlord shall accept such performance with the same force and effect as if furnished by Tenant; provided, however, that said Mortgagee shall not thereby or hereby be subrogated to the rights of Landlord.

(iv) Delegation to Mortgagee. Tenant may delegate irrevocably to the Mortgagee the non-exclusive authority to exercise any or all of Tenant's rights hereunder, but no such delegation shall be binding upon Landlord unless and until either Tenant or the Mortgagee shall give to Landlord a true copy of a written instrument effecting such delegation. Such delegation of authority may be effected by the terms of the Permitted Mortgage itself, in which case service upon Landlord of an executed counterpart or conformed copy of said Permitted Mortgage in accordance with this Section 11, together with written notice specifying the provisions therein which delegate such authority to said Mortgagee, shall be sufficient to give Landlord notice of such delegation.

(v) Tenant Default. In the event of a Tenant Default in the performance or observance of any term, covenant, or condition to be performed by it hereunder, Landlord agrees not to exercise its remedies for Tenant Defaults unless and until Landlord provides written notice of such Tenant Default to any Mortgagee and such Mortgagee shall have failed to cure such Tenant Default within sixty (60) days following the delivery of such notice to Mortgagee; provided, however, if such Tenant Default cannot practicably be cured by the Mortgagee without taking possession of the Tenant's Estate, or if such Tenant Default is not susceptible of being cured by the Mortgagee, then Landlord shall not exercise its remedies until:

(a) In the case of a Tenant Default which cannot practicably be cured by the Mortgagee without taking possession of the Tenant's Estate, the Mortgagee has delivered to Landlord within sixty (60) days following the delivery of Landlord's notice, a written undertaking wherein the Mortgagee agrees that it will cure such Tenant Default upon obtaining possession;

(b) In the case of a Tenant Default which cannot practicably be cured by the Mortgagee without taking possession of the Tenant's Estate, said Mortgagee shall proceed diligently to obtain possession of the Tenant's Estate as Mortgagee (including possession by receiver), and, upon obtaining such possession (directly or through a receiver), shall proceed diligently to cure such

Tenant Default in accordance with the undertaking delivered pursuant to Section 11(C)(v)(a) above but in no event later than thirty (30) days after obtaining possession; and

(c) In the case of a Tenant Default which is not susceptible to being cured by the Mortgagee, the Mortgagee shall institute foreclosure proceedings and diligently prosecute the same to completion (unless in the meantime it shall acquire Tenant's Estate hereunder, either in its own name or through a nominee, by assignment in lieu of foreclosure) and, upon such completion of foreclosure or acquisition, unless such Tenant Default has been cured by such completion of foreclosure or acquisition, the Mortgagee commences to cure such Tenant Default within thirty (30) days and prosecutes such cure to completion with diligence. The Mortgagee shall not be required to obtain possession or to continue in possession as Mortgagee of the Tenant's Estate pursuant to Section 11(C)(v)(b) above, or to continue to prosecute foreclosure proceedings pursuant to this Section 11(C)(v)(c), if and when such Tenant Default shall be cured. Nothing herein shall preclude Landlord from exercising any of its rights or remedies with respect to any other Tenant Default during any period of such forbearance, but in such event the Mortgagee shall have all of its rights provided for herein. If the Mortgagee, its nominee, or a purchaser in a foreclosure sale, shall acquire title to Tenant's Estate hereunder and shall cure all Tenant Defaults which are susceptible of being cured by the Mortgagee or by said purchaser, as the case may be, then prior Tenant Defaults which are not susceptible to being cured by the Mortgagee or by said purchaser shall no longer be deemed Tenant Defaults hereunder.

(vi) Foreclosure. Foreclosure of any Permitted Mortgage, or any sale thereunder, whether by judicial proceedings or by virtue of any legally authorized power contained in the Permitted Mortgage, or any conveyance of Tenant's Estate hereunder from Tenant to any Mortgagee, its designee, any purchaser of Mortgagee's interest through, or in lieu of, foreclosure or other appropriate proceedings in the nature thereof, shall not require the consent of Landlord or constitute a breach of any provision of or a default under this Lease, and upon such foreclosure, sale or conveyance Landlord shall recognize the Mortgagee, such designee or any purchaser of Mortgagee's interest as Tenant hereunder. If any Mortgagee, its designee, purchaser of Mortgagee's interest or other third party shall acquire Tenant's Estate as a result of a judicial or non-judicial foreclosure under any Permitted Mortgage, or by means of a deed in lieu of foreclosure, or through settlement of or arising out of any pending or contemplated foreclosure action, such Mortgagee, its designee, purchaser of Mortgagee's interest or such other third party purchaser shall thereafter have the right to further assign or transfer Tenant's Estate to an assignee without obtaining Landlord's consent with respect thereto, subject to all of the other provisions of this Section 11. Upon such acquisition of Tenant's Estate as described in the preceding sentence by Mortgagee, its designee or purchaser of Mortgagee's interest, Landlord shall immediately execute and deliver a new ground lease of the Land to such Mortgagee, designee or purchaser of Mortgagee's interest, upon the written request therefor by such party given not later than one hundred twenty (120) days after such party's acquisition of Tenant's Estate. Such new ground lease shall be substantially similar in form and content to the provisions of this Lease, except with respect to the

parties thereto, the term thereof (which shall be co-extensive with the remaining Term hereof), an indemnity and hold harmless obligation by the new tenant for any loss, cost or expense, including reasonable attorneys' fees respecting claims by Tenant of any remaining rights asserted by such Tenant against Landlord for providing such new ground lease, and the elimination of any requirements which have been fulfilled by Landlord or Tenant prior thereto, and such new ground lease shall have priority equal to the priority of this Lease.

(vii) Mortgagee Loss Payable. Landlord agrees that the names of each Mortgagee shall be added to the "Loss Payable Endorsement" of any and all insurance policies, if any, required to be carried by Tenant under this Lease and the insurance proceeds are to be applied in the manner specified per the Permitted Mortgage.

(viii) Intentionally Omitted.

(ix) No Obligation to Cure. Nothing herein contained shall require any Mortgagee to cure any Tenant Default referred to above.

(x) Limited Liability. In the event any Mortgagee or its designee becomes the tenant under this Lease or under any new lease obtained pursuant to Section 11(C)(vi) above, the Mortgagee or its designee shall be personally liable for the obligations of Tenant under this Lease or a new lease only for the period of time that the Mortgagee or its designee remains the actual beneficial holder of Tenant's Estate, and only to the extent provided in this Lease or such new lease.

(xi) Insurance Proceeds. The proceeds from any insurance policies shall be paid and distributed as provided in the Permitted Mortgage.

(xii) Material Notices. The parties hereto shall give all Mortgagees notice of any arbitration, litigation, or condemnation proceedings, or of any pending adjustment of insurance claims as each may relate to the Tenant's Estate, and any Mortgagee shall have the right to intervene therein and shall be made a party to such proceedings. The parties hereto do hereby consent to such intervention. In the event that any Mortgagee shall not elect to intervene or become a party to the proceedings, such Mortgagee shall receive notice and a copy of any award or decision made in connection therewith.

(xiii) Separate Agreement. Landlord shall, upon request, execute, acknowledge and deliver to each Mortgagee, an agreement prepared at the sole cost and expense of Tenant, in form satisfactory to each Mortgagee, between Landlord, Tenant and the Mortgagees, agreeing to all of the provisions of this Section 11.

(xiv) Subtenants. Following notice from Mortgagee or its nominee, stating that it will attempt to cure a Tenant Default as permitted herein, Landlord shall not remove or cause the removal of any subtenant or any property of any subtenant from the Land.

(xv) Surrender. Landlord will not accept the surrender of this Lease from Tenant without the prior written consent of the Mortgagee.

(xvi) No Merger. During the term of any Permitted Mortgage, the leasehold estate and the reversionary estate shall not merge even if one person or entity owns both estates, unless consented to by Mortgagee.

(xvii) Survival. The terms of this Section 11 shall serve the termination of this Lease.

(xviii) Additional Changes. Landlord agrees to make such additional changes to this Section 11 as reasonably required by Mortgagee, so long as the same do not result in any cost to Landlord, and otherwise do not materially affect Landlord's rights and obligations under this Lease.

12. NOTICES

Any notices under this Lease shall be delivered pursuant to Article IX (H) of the Project Agreement.

13. HEADINGS

The headings of the paragraphs and subparagraphs of this Lease are for convenience only and do not in any way limit, amplify or otherwise affect the covenants and agreements contained in this instrument.

14. BINDING EFFECT

The provisions of this instrument shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, legal representatives, successors and assigns.

15. BROKERS

Each party hereby certifies, represents and warrants to the other that no real estate broker or agent has been retained by it in connection with this Lease. Tenant and Landlord shall indemnify and hold each other harmless against damages relating to any real estate commissions due as a result of actions by Tenant or Landlord, as applicable.

16. ASSIGNMENT AND SUBLETTING

A. Assignment. Tenant shall have the right to convey, assign, sublease or otherwise transfer its interest in the Lease to a body politic of Tenant or another "political subdivision" (as such term is defined in Indiana Code 36-1-2-3) (individually and collectively, a "**Public Party**") without Landlord's consent; provided, the Public Party agrees in writing to comply with all obligations of Tenant under this Lease (including the pre-requisites to constructing Improvements in Section 7), the Project Agreement, and the Environmental Agreement. Tenant shall not have the right to convey, assign, sublease or otherwise transfer its interest in the Lease to any party that is not a Public Party ("**Private Party**") without obtaining Landlord's prior written consent, which consent Landlord may reasonably condition, withhold or deny. In the event the Tenant conveys, assigns, subleases or otherwise transfers its interest in the Lease to a Public Party or a Private Party in accordance with the terms and conditions of this Lease, Tenant

shall remain liable for all its obligations in this Lease, the Project Agreement, the Environmental Agreement and any applicable Environmental Restrictive Covenant or Certificate.

B. Separate Leases. From time to time and at any time during the Term, so long as no Tenant Default exists at such time, Tenant may require Landlord to enter into separate leases ("**Separate Leases**") with respect to separate parts of the Land and/or Improvements designated by Tenant ("**Separate Land**"), consolidate Separate Leases into a single lease, or to modify the dividing line between two or more Separate Leases. The parties to the Separate Leases shall be Landlord, as landlord, and Tenant, as tenant, or Tenant's assignee, if permitted in Section 16(A) above, and the terms and provisions of the Separate Leases shall be the same as the terms and provisions of this Lease (including Tenant's obligations with respect to Improvements in Section 7), except that (a) all references in a Separate Lease to the "Land" shall be deemed to refer to (i) the Separate Land under the Separate Lease, (ii) the Improvements which are located on that Separate Land, and (iii) all rights, interests, privileges and easements in any way appertaining to, or used in connection with, that Separate Land, and (b) the term of the Separate Lease shall commence on the date that it is executed or as otherwise provided therein and shall expire on the same date as this Lease. Notwithstanding any other term or provision of this Lease, (a) no Separate Lease shall be cross defaulted with this Lease or any other Separate Lease, (b) no tenant under a Separate Lease shall have any obligations or liabilities with respect to or under this Lease, any other Separate Lease, the remaining Land under this Lease or any other Separate Land, (c) neither the expiration of the Term, the earlier termination of this Lease nor the extension of the Term shall affect in any manner any Separate Lease, and all Separate Leases shall remain in full force and effect, and (d) neither the expiration of the term of any Separate Lease, the earlier termination of any Separate Lease nor the extension of the term of any Separate Lease shall effect in any manner this Lease or any other Separate Lease, and this Lease and all other Separate Leases shall remain in full force and effect. Tenant shall guarantee the tenant's performance of and compliance with the terms of any Separate Lease. No Separate Lease shall include Tenant's rights under Section 18 of this Lease, unless Landlord agrees in its sole discretion to the assignment of such rights; provided that the foregoing shall not limit, in any way, Tenant's rights under the Project Agreement.

17. PROJECT AGREEMENT AND ENVIRONMENTAL AGREEMENT

The Project Agreement, attached as Exhibit B, and the Environmental Agreement, attached as Exhibit C, are hereby incorporated by reference into this Lease. Accordingly, the parties must comply with the terms of the Project Agreement and Environmental Agreement in the same manner that the parties must comply with the terms of this Lease. If there is conflict between the terms of this Lease and the terms of the Project Agreement and/or the Environmental Agreement, the terms of the Project Agreement and/or the Environmental Agreement shall control, except in the case of a conflict between the provisions of Section 7 of this Lease and the terms of the Project Agreement, the provisions of Section 7 of this Lease shall control, as more specifically provided in Section 7(E) of this Lease.

18. CONVEYANCE OF LAND

A. Conveyance of Land. Landlord shall have a continuing obligation to convey the fee simple title to the Land as provided in the Project Agreement. Tenant's right to acquire all or portions of the Land shall be governed by the Project Agreement.

B. Title Policy. On or before the Commencement Date, Landlord shall deliver to Tenant a leasehold title policy in the amount of \$2,100,000 in the name of Tenant insuring Tenant's interest in the leasehold interest created by this Lease subject only to those matters set forth in that certain Title Commitment issued by First American Title Insurance Company as File No. NCS 851787 INDY, dated as of April 5, 2018, and matters disclosed in an ALTA survey of the Land (the "**Permitted Exceptions**") showing a good and marketable title in the leasehold estate of the Land in Tenant, with endorsements requested by Tenant; provided, however, that Tenant shall be solely responsible for all costs related to such endorsements.

19. ESTOPPEL CERTIFICATES

Either party shall, without charge, at any time and from time to time hereafter, within a reasonable time, not to exceed twenty (20) days after the written request of the other, certify by written instrument duly executed and acknowledged to any Mortgagee or any party financing any portion of the Project, the party requesting same, any assignee or subtenant or any purchaser of either party's interest in the Land or this Lease: (1) that this Lease is in full force and effect and unmodified or, if modified, stating the date of modification and the terms thereof; (2) that the Lease Fee has been paid in full, and (3) that there are no uncured Tenant Defaults or defaults by Landlord, as the case may be, or stating those claimed by either Tenant or Landlord so long as the same are ascertainable, it being intended that any such instrument delivered pursuant to this Section 19 may be relied upon by any existing or prospective Mortgagee, assignee or subtenant of Tenant or purchaser or lender, or prospective purchaser from or lender to, Landlord.

20. PARTIAL INVALIDITY

If any term, covenant, condition or provision of this Lease or the application thereof to any person or circumstance shall, at any time or to any extent, be invalid or unenforceable, the remainder of this Lease, or the application of such term or provision to the persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term, covenant, condition and provision of this Lease shall be valid and be enforced to the fullest extent permitted by law.

21. REASONABLENESS

Whenever the terms, conditions, covenants or provisions of this Lease entitle Landlord and/or Tenant to exercise their respective opinions, or to give their respective approvals or consents, such opinions shall be reasonable and such approvals and consents shall not be unreasonably withheld, conditioned or delayed; subject, however, to any reasonableness standard described specifically herein.

22. MISCELLANEOUS

A. Binding. The provisions of this instrument shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, legal representatives, successors and assigns.

B. No Change. The Lease and all exhibits attached hereto and forming a part hereof, and any amendments hereto, and the Project Agreement and Environmental Agreement set forth the entire agreement between Landlord and Tenant concerning the Land, and no subsequent alteration, amendment, change or addition to this Lease shall be binding upon either Landlord or Tenant unless the same be reduced to writing and signed by the party to be bound thereby.

C. Waiver. Failure of either party to exercise its rights under the terms of this Lease on any one occasion shall not be construed as a waiver of any requirement of this Lease or waiver of that party's rights to take advantage of any subsequent or continued breach by the other party of any covenant contained in this Lease. All remedies herein provided shall be in addition to and not in substitution for any remedies otherwise available.

D. Counterparts. This Lease shall be executed in counterparts, each of which shall be deemed to be an original.

E. Governing Law. This Lease and each and every provision herein contained, as the same may from time to time be amended, or any disputes or misunderstandings involving same, shall at all times during the term hereof be governed and controlled by the applicable laws of the State of Indiana.

F. Time is of the Essence. Time is of the essence with respect to all terms and conditions of this Lease.

G. No Merger. There shall be no merger of this Lease or of the leasehold estate hereby created with the fee estate in the Land by reason of the fact that the same person acquires or holds, directly or indirectly, this Lease or the leasehold estate hereby created or any interest herein or in such leasehold estate, as well as the fee estate in the Land or any interest in such fee estate.

H. Landlord Cooperation. Landlord shall cooperate and provide all reasonable assistance in connection with Tenant's obtaining, making and submitting all development, land use and similar approvals and consent from governmental authorities with jurisdiction over the use of the Land ("**Approvals**"). Such cooperation and assistance shall include, without limitation, (a) executing, filing and joining in all necessary applications, petitions and proceedings, (b) permitting Tenant to file and pursue such applications, petitions and proceedings in the name of Landlord and (c) executing binding land use commitments and such other and incidental documents, instruments and agreements as may be necessary in connection with the foregoing; provided that Tenant shall reimburse Landlord for any reasonable out of pocket costs and expenses (including reasonable attorney's fees) incurred by Landlord to cooperate with Tenant as required by the terms and provisions of this Section. Unless requested by Tenant, Landlord shall not take any action or initiate any application, petition or proceeding to (a) make, obtain or submit a request for any Approvals, (b) contest the calculation of

Impositions or the valuation of the Land or Improvements, or (c) contest any alleged violations of any Laws related to any Approvals, and Landlord shall not consent or agree to any Approvals without the prior written consent of Tenant. Nothing in this Section 22(H) shall be construed as modifying, superseding or replacing the parties' obligations with respect to the Improvements set forth in Section 7 of this Lease.

I. Quiet Enjoyment. Landlord represents and warrants that (a) Landlord owns in fee simple that certain tract of land and those rights, interests, privileges and easements constituting the Land, subject only to Permitted Exceptions, (b) no other party holds an interest in the fee simple title to the Land as a tenant in common, joint tenant, tenant by the entireties or otherwise, (c) Landlord has full capacity, power and authority to enter into and carry out this Lease, (d) the execution, delivery and performance of this Lease have been duly authorized by Landlord, (e) this Lease is the legal, valid and binding obligation of Landlord, enforceable in accordance with its terms and provisions, and (f) neither the execution and delivery of this Lease nor the terms and provisions thereof violate any agreement, judgment, order or decree to which Landlord is a party or which binds or affects Landlord or that certain tract of land, those improvements and those rights, interests, privileges and easements constituting the Land. At all times during the Term, Tenant shall have the peaceable and quiet enjoyment of the Land, as permitted under this Lease, subject to Landlord's rights under this Lease, the Project Agreement and the Environmental Agreement and to Landlord's rights and remedies if a Tenant's Default exists, without any manner of hindrance or disturbance.

J. Grants of Easements. Notwithstanding any other term or provision of this Lease, Tenant shall have the right to execute and record such utility, drainage, irrigation and access easements and declarations of covenants and restrictions which are necessary or appropriate for the development of the Land and adjoining properties, so long as the same are approved by Landlord, such approval not to be unreasonably withheld, and the same are consistent with the Environmental Agreement and the RWP. Upon the written request of Tenant, Landlord shall execute and join in such easements and declarations, and such easements and declarations shall expire or be terminated only by their terms and provisions, notwithstanding the expiration of the Term. To the extent it has the ability and authority to do so, Landlord agrees to assist with providing or vacating right-of-way grants and easements (including but not limited to utility easements) on the Land or in adjacent roadways if reasonably requested by Tenant, at Tenant's sole cost, to facilitate Tenant's proposed development.

K. Successors and Assigns. This Lease and all of the terms and provisions of this Lease shall inure to the benefit of, and be binding upon, the respective heirs, executors, administrators, successors and assigns of Landlord and Tenant, except as otherwise expressly provided herein.

L. Force Majeure. Notwithstanding any other term or provision of this Lease, if either party is delayed in, or prevented from, satisfying any obligation or liability under this Lease as the result of an act or omission of the other party or any other cause which is not within the control of the party delayed or prevented (including without limitation, inclement weather and the unavailability of materials, equipment, services or labor), then the satisfaction of such obligation or liability shall be excused for the period of days that the satisfaction of such

obligation or liability is delayed or prevented, and the applicable time for satisfying such obligation or liability shall be extended for the same period.

M. Amendments. This Lease shall not be amended, modified, or supplemented, except by a written agreement duly executed by both parties; provided, however, that any material amendment, modification or supplement must also be acknowledged and consented to by Mortgagee.

N. Authority. Landlord and Tenant each represent and warrant to the other that (a) such party has the power and authority to execute and deliver this Lease and to carry out and perform all covenants to be performed by it hereunder, and (b) that the person executing this Lease on such party's behalf has been duly authorized by all necessary action of such party to execute and deliver this Lease on behalf of such party.

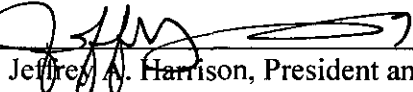
O. Not an Offer. Submission of this Lease by either party shall not be deemed an offer to contract with the other party. This Lease shall not be binding on either party in any manner until such time as the Lease is fully executed by both Landlord and Tenant.

[Signatures on Following Page]

LANDLORD:

DEPARTMENT OF PUBLIC UTILITIES FOR THE CITY
OF INDIANAPOLIS, ACTING BY AND THROUGH
THE BOARD OF DIRECTORS FOR UTILITIES, AS
TRUSTEE, IN FURTHERANCE OF A PUBLIC
CHARITABLE TRUST D/B/A CITIZENS ENERGY
GROUP

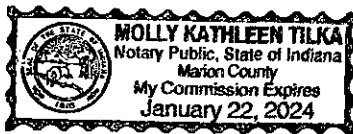
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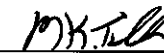

Jeffrey A. Harrison, President and Chief Executive
Officer

STATE OF INDIANA)
) SS:
COUNTY OF MARION)

Before me, a Notary Public in and for said County and State, personally appeared Jeffrey A. Harrison, the President and Chief Executive Officer of the Department of Public Utilities for the City of Indianapolis, Acting by and through the Board of Directors for Utilities, as Trustee, in Furtherance of a Public Charitable Trust d/b/a Citizens Energy Group, who acknowledged the execution of the foregoing for an on behalf of said entity.

Witness my hand and Notarial Seal this 18 day of May, 2018.




(signature)

Molly T. Tilka
(printed name) Notary Public

My Commission Expires:


1/22/24

County of Residence:

Marion

THE CONSOLIDATED CITY OF INDIANAPOLIS AND
MARION COUNTY

By: J. Malton
Name: Andrew Malton
Title: Corporation Counsel



Mark Sausser
Printed Name, Corporation Counsel

[illegible]

Before me, a Notary Public in and for said County and State, personally appeared Andrew Mallon, the Corporate Counsel for the Consolidated City of Indianapolis and Marion County, Indiana, who acknowledged the execution of the foregoing for and on behalf of the Consolidated City of Indianapolis and Marion County.

Witness my hand and Notarial Seal this 18th day of May, 2018.




(signature)
Sherri L. Gahagen
(printed name) Notary Public

My Commission Expires:

County of Residence:

July 30, 2023

Marion

This instrument was prepared by and after recording return to: Brian C. Crist, Esq., Ice Miller LLP, One American Square, Suite 2900, Indianapolis, IN 46282; Telephone: (317) 236-5997

I affirm, under the penalties for perjury, that I have taken reasonable care to redact each Social Security number in this document, unless required by law. Brian C. Crist

EXHIBIT A

LEGAL DESCRIPTION OF THE LAND

Parcel 1:

A part of the Southwest Quarter of Section 8, Township 15 North, Range 4 East, located in the Southeast part of Indianapolis, Indiana, North of and adjacent to Prospect Street, East of and adjacent to the right of way of the Cleveland, Cincinnati, Chicago and St. Louis Railroad, also West of and adjacent to the right of way of the Indianapolis Union Railroad, containing 53.52 acres more or less, and more particularly described as follows:

Beginning at a point located 1779.70 feet West of the East line of Canby Park; thence East 279.70 feet along the North line of Prospect Street to a point 1500 feet West of the East line of said Canby Park; thence continuing East along the said North line of Prospect Street 1030 feet to a point located at the intersection of the North line of Prospect Street and the Northwest right of way line of the Indianapolis Union Railroad; thence Northeasterly 710 feet along the Northwest line of the Indianapolis Union Railroad to a point where the said right of way line intersects the East line of said Canby Park; thence North 28.90 feet along the East line of the said Canby Park to a point where the Northwest right of way line of the said Indianapolis Union Railroad again intersects the East line of the said Canby Park; thence Northeast 530.68 feet along the Northwest right of way line of the Indianapolis Union Railroad to a point where the North line of Woodlawn Avenue intersects the Northwest right of way line of the said Indianapolis Union Railroad; thence West 360.22 feet along the North line of Woodlawn Avenue to a point where the North line of Woodlawn Avenue intersects the East line of the said Canby Park, said point is 929 feet North of the North line of Prospect Street; thence North 321 feet along the East line of the said Canby Park to a point which is 1250 feet North of the North line of Prospect Street; thence West 935.60 feet on a line parallel with Prospect Street to a point of intersection with the Southeast line of Pleasant Run Boulevard; thence Southwest 458.70 feet along the said Southwest line of the said Pleasant Run Boulevard to a point where this said line intersects the South line of the said Boulevard, this said point is also located at a point 880 feet North of the North line of Prospect Street and 1206.73 feet west of the East line of the said Canby Park; thence West 293.27 feet along the South line of Pleasant Run Boulevard to a point that is 880 feet North of the North line of Prospect Street and 1500 feet West of the East line of Canby Park; thence continuing West 887 feet parallel with Prospect Street to a point that is 880 feet North of the North line Prospect Street and 2387 feet West of the East line of Canby Park; thence on a curved line to the left 235.62 feet, said curved line having a radius of 150 feet, to a point; thence West 100 feet more or less to a point in the Northeast right of way line of the said Cleveland, Cincinnati, Chicago and St. Louis Railroad; thence Southeast 1112.69 feet along the said Northeast right of way line of the said Cleveland, Cincinnati, Chicago and St. Louis Railroad to the point of intersection with the North line of Prospect Street, which is the point of beginning.

Parcel 2:

A part of the Southwest Quarter of Section 8, Township 15 North, Range 4 East, along Pleasant Run Parkway, more particularly described as follows:

Beginning at a point 1182 feet East of the East property line of Keystone Avenue, said point being 880 feet North of the North property line of Prospect Street, thence extending East and parallel to the North property line of Prospect Street a distance of 293.27 feet to a point; thence in a Northeasterly direction and forming an angle of 53 degrees 46 minutes to the left, a distance of 293.27 feet to a point of tangency, said point being 1116.51 feet North of the North property line of Prospect Street, and 1648.6 feet, more or less, East of the East property line of Keystone Avenue; thence in a Southwesterly direction on a curved line whose radius is 578.34 feet, a distance of 542.72 feet to the point of beginning.

Parcel 3:

A part of the West Half of the Southeast Quarter of Section 8, Township 15 North, Range 4 East, described as follows: Beginning on the West line of the Southeast Quarter of Section 8, Township 15 North, Range 4 East, at a point 934 feet North of the Southwest corner thereof and running North with the West line of said Quarter Section 1371 feet to a point 363 feet South of the Northwest corner of said Quarter Section; thence South 71.5 degrees East 495 feet; thence South 58 degrees East 688 feet to the West line of the right of way of the Belt Railroad and the Union Transfer Stock Yard Company; thence Southwestwardly with the West line of said right of way 1090 feet to the center of a 50 foot street; thence West 393 feet to the beginning, containing 22.05 acres, more or less.

Parcel 4:

Part of the Southwest Quarter of Section 8, Township 15 North, Range 4 East, described as follows: Beginning at a point in the center line of Southeastern Avenue, at the intersection of the East line of the Southwest Quarter of Section 8, Township 15 North, Range 4 East, distant 332.4 feet South of the Northeast corner of the Southwest Quarter of said Section 8; thence South in and along the East line of said Southwest Quarter a distance of 1060 feet to a point; thence West parallel to the North line of the South Half of said Section 8 a distance of 945.4 feet to a point; thence North 36 degrees and 14 minutes East in and along the West property line of Pleasant Run Boulevard, a distance of 1385.7 feet to a point on the center line of Southeastern Avenue; thence in a Southeasterly direction in and along the center line of Southeastern Avenue a distance of 153.5 feet to the place of beginning, containing 13.3 acres, more or less.

Parcels 1, 2, 3, and 4 above are also described as follows:

Part of Block 2 in Canby Park, an Addition to the City of Indianapolis, as per plat thereof, recorded in Plat Book 14, page 190, in the Office of the Recorder of Marion County, Indiana, and part of the South Half of Section 8, Township 15 North, Range 4 East of the Second Principal Meridian, in the City of Indianapolis, Marion County, Indiana, more particularly described as follows:

Commencing at the Quarter corner common to Sections 8 and 17 in said Township and Range; thence North 00°14'25" East (this and all subsequent bearings based on the Indiana Coordinate System of 1983, East zone), 529.28 feet along the north-south centerline of said Section 8 to the northwesterly line of the Belt Railway and the Point of Beginning;

thence South 42°52'59" West, 729.77 feet along said northwesterly line to the South line of the Southwest Quarter of said Section 8; thence South 89°22'05" West, 1005.75 feet along said south line to a line 1500 feet west of the east line of said Canby Park; thence North 00°14'25" East, 30.00 feet along said line to the north right of way line of Prospect Street (60 foot right of way); thence South 89°22'05" West, 288.32 feet along said north right of way line to the northeasterly line of the Cleveland, Cincinnati, Chicago and St. Louis Railway Company right of way; thence North 49°40'08" West, 1113.53 feet along said northeasterly line to the southeasterly right of way line of Pleasant Run Parkway; thence North 89°22'05" East, 110.72 feet along said southeasterly line; thence northeasterly 235.53 feet along said southeasterly line being a non-tangent curve concave to the southeast, having a radius of 150.00 feet and a chord bearing North 44°23'02" East, 212.07 feet to the 100 foot wide right of way of said Pleasant Run Parkway; thence North 89°23'02" East, 886.96 feet along said southeasterly line; thence northeasterly 542.75 feet along said southeasterly line being a curve concave to the northwesterly, having a radius of 578.34 feet and a chord bearing North 62°29'40" East, 523.05 feet; thence North 35°37'03" East, 1479.28 feet along said southeasterly line to the southwesterly right of way line of Southeastern Avenue (100 foot right of way); thence South 74°02'44" East, 274.43 feet along said southwesterly line; thence southeasterly 538.47 feet along said southwesterly line being a non-tangent curve concave to the southwest, having a radius of 1859.86 feet and a chord bearing South 65°47'59" East, 536.59 feet; thence South 57°28'49" East, 483.69 feet along said southwesterly line to the northwesterly line of the parcel described in deed to the Indianapolis Union Railway Company, recorded February 14, 1927, in Deed Record 81, page 124, in said Office of the Recorder; thence southwesterly 592.64 feet along said line being a non-tangent curve concave to the northwest, having a radius of 2196.83 feet and a chord bearing South 35°07'53" West, 590.85 feet; thence South 42°52'59" West, 493.42 feet along said line to the centerline of Woodlawn Avenue; thence North 89°24'06" East, 56.25 feet along said centerline to said westerly line of the Belt Railway; thence South 00°15'14" West, 25.00 feet along said westerly line to the south line of said Woodlawn Avenue; thence South 89°24'06" West, 45.13 feet along said south line to said northwesterly line of the Belt Railroad; thence South 42°52'59" West, 482.42 feet along said northwesterly line to said north-south centerline of Section 8; thence South 00°14'25" West, 29.52 feet along said line to the Point of Beginning, containing 87.873 acres, more or less.

EXHIBIT A-1

DEPICTION OF THE LAND

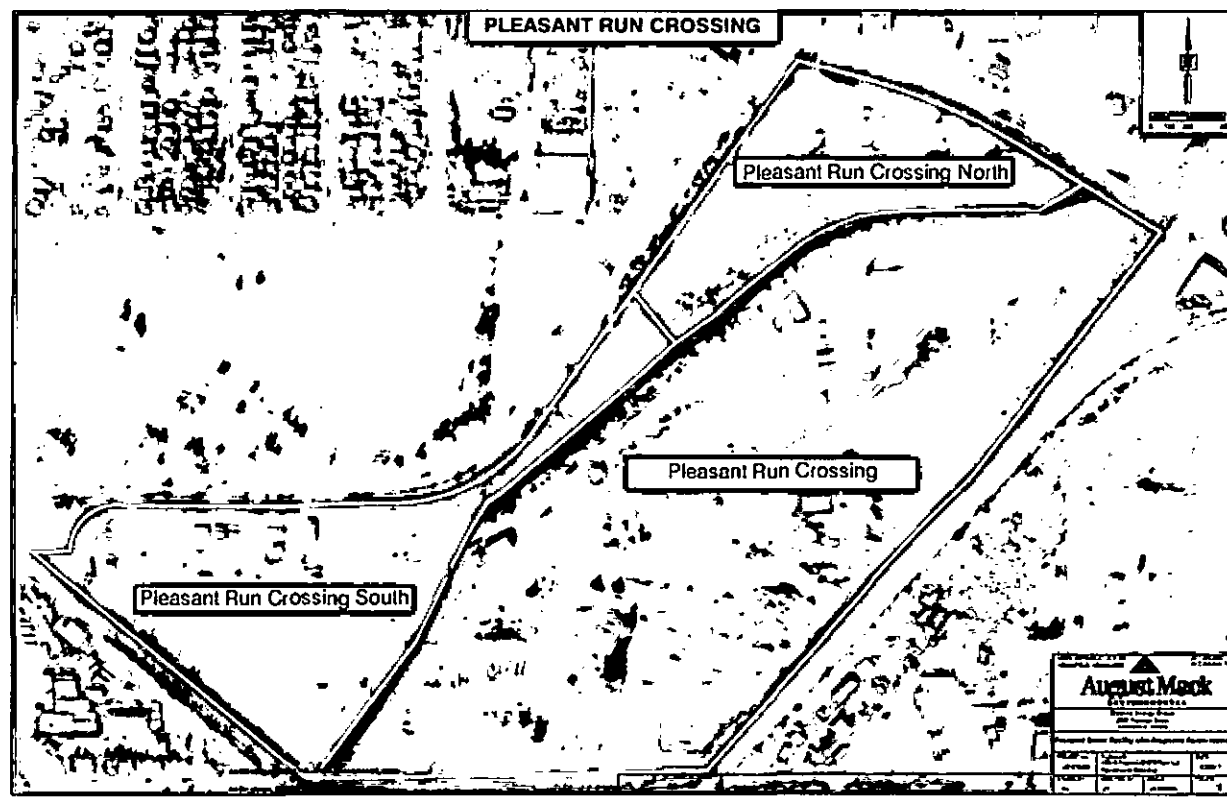


EXHIBIT B

Project Agreement

PROJECT AGREEMENT

THIS PROJECT AGREEMENT (the "Agreement") is made as of December 17th, 2017 (the "Effective Date"), by and between the Consolidated City of Indianapolis and Marion County, Indiana (collectively, the "City"), and the Department of Public Utilities for the City of Indianapolis, acting by and through the Board of Directors for Utilities (the "Citizens Board"), as successor trustee, in furtherance of a public charitable trust d/b/a Citizens Energy Group ("Citizens") (each sometimes being referred to herein as a "Party" or collectively as the "Parties").

ARTICLE I. RECITALS

A. On May 11, 2016, Indianapolis Mayor Joe Hogsett signed Executive Order No. 4, 2016, launching the Indianapolis Criminal Justice Reform Task Force (the "Task Force"), whose mission was to assess, research, examine, and ultimately report recommendations for the systemic reform and optimization of the current county criminal justice system.

B. On December 12, 2016, the Task Force produced a report recommending a series of reforms to the criminal justice system in Indianapolis and Marion County that will improve health and safety, prevent crime, and redirect offenders back to a successful life in the community at the earliest possible point in time and that would require the construction of several new public facilities, that may include an assessment and intervention center, a consolidated county jail, a courts facility, a professional office building and such other facilities and improvements which the City may determine are beneficial or useful (collectively, the "Community Justice Facilities").

C. Citizens or its affiliated entities own real property located in Indianapolis that is generally depicted on Exhibit A (the "Citizens Property"). Citizens formerly operated a plant that used coal to manufacture gas for delivery to its gas distribution system (the "System") and to manufacture other by-products on some of the parcels comprising the Citizens Property, specifically the Core Properties and PPE, as defined below.

D. The City has determined it is desirable to locate the Community Justice Facilities and other improvements related to the economic development of Indianapolis on all or portions of the Citizens Property (collectively the land and improvements to be used in connection with the Community Justice Facilities are referred to as, the "Project").

E. The Parties acknowledge that the portions of the Citizens Property identified on Exhibit A as Pleasant Run Crossing North, Pleasant Run Crossing South, Pleasant Run Crossing (the "Core Properties") and Prospect Place East ("PPE") are currently enrolled in the Indiana Department of Environmental Management's ("IDEM") Voluntary Remediation Program (the "VRP"). In order to complete the requirements of the VRP, to obtain a Certificate of Completion (the "Certificate") issued by IDEM and a Covenant Not To Sue executed by the Office of the Governor of the State of Indiana (the "Covenant Not To Sue") and to ready the Core Properties and PPE for commercial redevelopment, Citizens submitted to IDEM a

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Remediation Work Plan for PPE on April 30, 2010, which was approved on March, 1, 2011 (the "2011 RWP"),¹ and a Remediation Work Plan for the Core Properties on July 31, 2017, which was amended on November 3, 2017 (the "RWP").

F. The Parties desire to enter into this Agreement to facilitate the construction and completion of the Project, the approval and completion of the RWP, and the conveyance of the Citizens Property to the City, all in accordance with, and subject to, the terms and conditions set forth herein.

NOW, THEREFORE, for the consideration hereinafter described, the Parties hereto hereby agree as follows:

ARTICLE II. SITE DEVELOPMENT PLANS

A. Approval of Site Development Plans. On or before January 31, 2018, the City shall submit to Citizens preliminary design drawings and plans and specifications that depict the footprint of improvements that are anticipated at that time to be constructed on the Core Properties which shall include (i) proposed plans for the relocation of any existing utility lines or utility easements located on the Core Properties (all subject to the provisions outlined in Article VI), (ii) the location of any new easements requested by the City on the Core Properties, (iii) a site plan showing finished grades, drainage scheme, and the location of the Community Justice Facilities and other related or supportive facilities on the Core Properties, and (iv) any other information related to the development of the Project that will require the disturbance or movement of soil at the Core Properties ((i), (ii), (iii) and (iv) collectively, "Site Development Plans"). Citizens shall have sixty (60) days from receiving the Site Development Plans to determine if, in its reasonable discretion, the Site Development Plans: (i) are reasonably consistent with Citizens' obligations in the approved RWP, (ii) are not reasonably expected to increase Citizens' costs of implementing and completing the RWP, (iii) are reasonably expected to comply with the terms of the Environmental Agreement (as defined herein), and (iv) are not reasonably expected to trigger additional potential liability or costs to Citizens under any federal, state or local law (collectively, the "Citizens Site Impact Approvals"). If Citizens fails to provide its written approval or disapproval of the Site Development Plans within the sixty (60) day period, Citizens shall be deemed to have disapproved the Site Development Plans. In the event Citizens approves the Site Development Plans, such approval shall not be deemed consent to an obligation or waiver of any rights of Citizens in Article VI regarding infrastructure improvements or the installation of any utilities to the Project. Prior to obtaining the Citizens Site Impact Approvals, the City shall have the right to proceed with the Project on the Core Properties, including planning and procurement, site work and initial development work; provided the City ultimately complies with Citizens Site Impact Approvals and compensates and indemnifies Citizens for all loss, claims and damages arising from City's work on the Project occurring prior to receipt of the Citizens Site Impact Approvals, including City's non-compliance with the Citizens Site Impact Approvals, as finally provided by Citizens. Citizens

¹ On December 5th, 2016, Citizens submitted a Remediation Completion Report for PPE to IDEM reflecting the fact Citizens has completed the work required in the 2011 RWP. By letter dated April 27, 2017, IDEM provided comments to the PPE Remediation Completion Report and Citizens is working with IDEM to resolve IDEM's comments, which is anticipated to be resolved by the second quarter of 2018.

acknowledges that the City has informed Citizens that the City's current Project plan only contemplates the construction of an assessment and intervention center, a consolidated county jail, and a courts facility and that the City's failure to provide design drawings and plans and specifications beyond those facilities shall not be a basis for disapproval of the Site Development Plans. The parties agree to cooperate in good faith prior to the timeframes outlined in this Section II.A with respect to the City providing drafts of preliminary design drawings and plans and specifications, and for feedback on the same, to provide for the potential of Citizens delivering its Citizens Site Impact Approvals prior to the period for review outlined above, and/or for the City to be better informed as to Citizens' views so as to determine whether to proceed with Project planning and procurement on the Core Properties prior to the Citizens Site Impact Approvals pursuant to the preceding sentence. If Citizens disapproves or is deemed to have disapproved the Site Development Plans, both Parties shall appoint representatives to work together utilizing best efforts, acting reasonably and in good faith, to address changes to the Site Development Plans that will resolve any issues with the Citizens Site Impact Approvals (a "Revised Site Development Plan"). If, despite such good faith efforts, the Parties cannot reach a mutually agreeable Revised Site Development Plan within thirty (30) days of the City's receipt of Citizens' disapproval of the Site Development Plans, either Party shall have the right to terminate this Agreement through written notice to the other Party. Any mutually agreeable Revised Site Development Plan shall be considered the Site Development Plans for purposes of this Agreement, the Ground Lease, and the Environmental Agreement. The Site Development Plans, once approved, will be attached to the Ground Lease (as defined herein) as an exhibit. The Parties agree that a similar site impact approval process shall be implemented for PPE.

B. Changes to the Site Development Plans. Any material changes to the approved Site Development Plans which materially impact any of the Citizens Site Impact Approvals or add additional improvements that expand the footprint of the Project on any of the Core Properties shall be subject to the review and approval of Citizens as provided in Article II (A) above, except that Citizens' approval shall not be unreasonably withheld, conditioned or delayed. All rights of Citizens to approve the Site Development Plans related to the Project or any other part of the Citizens Property shall terminate upon Citizens obtaining the Certificate and the Covenant Not to Sue and the Environmental Restrictive Covenant has been recorded; provided, however, that the Core Properties and PPE shall continue to be burdened by the Environmental Restrictive Covenants and Environmental Easement which have been recorded against such properties.

ARTICLE III. THE CITIZENS PROPERTY

A. Transfer of Interests in the Core Properties. To facilitate the construction and development of the Project and the completion of the RWP, Citizens, on its own behalf and on behalf of its affiliates, shall lease the Core Properties to the City upon material terms the Parties deem mutually necessary to accomplish the intent of the Agreement, including the following terms (collectively, the "Ground Lease").

(i) Contemporaneously with execution and delivery of the Ground Lease, the City shall pay Citizens the sum of Two Million One Hundred Thousand Dollars (\$2,100,000.00) (the "Lease Fee") as compensation for the rights Citizens is granting the

City under the Ground Lease. The Parties are allocating the Lease Fee to the Core Properties as follows: (i) Pleasant Run Crossing – Six Hundred Fifty Thousand Dollars (\$650,000.00); (ii) Pleasant Run Crossing North – Six Hundred Sixty-Two Thousand Dollars (\$662,000.00); and (iii) Pleasant Run Crossing South – Seven Hundred Eighty-Eight Thousand Dollars (\$788,000.00).

(ii) The Ground Lease shall be an absolute triple net, financeable ground lease with no annual rent, under which all upkeep, ownership expenses, insurance, maintenance, repair and capital obligations are the City's, except as otherwise provided in the RWP and the Environmental Agreement. The City shall own all improvements constructed on the Core Properties, to the extent permitted under Indiana law.

(iii) Citizens shall retain the right to possess, occupy and use the Core Properties to the extent necessary to implement the RWP and to obtain the Certificate and Covenant Not To Sue. Citizens and the City shall work cooperatively to permit Citizens to implement the RWP and the City to develop the Project in such a way that neither party materially interferes with the operations of the other. The Environmental Agreement (defined in Article IV) shall be incorporated by reference in the Ground Lease and this Agreement.

(iv) The Ground Lease term shall be thirty four (34) years (the "**Term**").

(v) The Ground Lease shall permit the City to pledge its interest in the Core Properties, including its leasehold rights under the Ground Lease and its title to the Project, to secure financing for the Project.

(vi) The City shall have the right to convey, assign, sublease or otherwise transfer its interest in the Ground Lease to a body politic of the City or another "political subdivision" (as such term is defined in Indiana Code 36-1-2-3) (individually and collectively, a "**Public Party**") without Citizens' consent; provided, the Public Party agrees in writing to comply with all obligations of the City under this Agreement, the Ground Lease and the Environmental Agreement. The City shall not have the right to convey, assign, sublease or otherwise transfer its interest in the Ground Lease to any party that is not a Public Party ("**Private Party**") without obtaining Citizens' prior written consent, which consent Citizens may reasonably condition, withhold or deny. In the event the City conveys, assigns, subleases or otherwise transfers its interest in the Ground Lease to a Public Party or a Private Party in accordance with the terms and conditions of this Article III (vi), the City shall remain liable for all its obligations in this Agreement, the Ground Lease, the Environmental Agreement and any applicable Environmental Restrictive Covenant or Certificate.

(vii) Citizens shall quit claim or cause its affiliates to quit claim the fee simple title to the Core Properties to the City (the "**Deed**") not later than thirty (30) days of Citizens obtaining both the Certificate and the Covenant Not To Sue; no further consideration from the City shall be due in connection with such conveyance. The Parties acknowledge the Deed shall also designate previously identified areas of the Core Properties that are Restricted Areas as described in the Environmental Agreement. The

Parties further acknowledge that IDEM will require Citizens to record an Environmental Restrictive Covenant against the Core Properties in the Marion County Recorder's Office restricting future uses of the Core Properties as described in Section 6 of the Environmental Agreement before IDEM will issue the Certificate; thus, the Environmental Restrictive Covenants shall be recorded before the Deed. The City acknowledges that the Certificate must be recorded against the title to the Core Properties before the Covenant Not To Sue will be issued; thus, the Certificate shall be recorded before the Deed. Citizens shall also comply with any legal requirements applicable to the conveyance of the Core Properties and deliver any instruments necessary for the City to obtain a leasehold owner's title insurance policy, free of any encumbrances that were granted by Citizens or its affiliates, except for encumbrances in existence on the Effective Date or expressly or implicitly required by the terms of this Agreement, the Ground Lease or the Environmental Agreement. Upon execution of the Ground Lease, Citizens shall pay the title premium of an ALTA leasehold owner's title insurance policy with an insured amount that shall not exceed the aggregate of the Lease Fee. Citizens shall have no obligation to pay title insurance premiums for policy endorsements or fee owner title insurance upon delivery of the Deed. All other closing costs shall be allocated as is customary for commercial closings in the Indianapolis, Indiana area. In the event Citizens is unable to obtain the Certificate and the Covenant Not To Sue on or before the expiration of the Term, Citizens shall execute and deliver the Deed to the City on the day the Term expires. Citizens shall reserve in the Deed a permanent, subsurface sanitary sewer deep tunnel easement in favor of CWA Authority, Inc., an Indiana nonprofit corporation created pursuant to an Interlocal Cooperation Agreement between the Sanitary District of the City of Indianapolis and the Citizens Board ("CWA"), on the portion of the Core Properties depicted on Exhibit B-1 and B-2 of the Environmental Agreement.

(viii) Citizens shall retain the right to access the Core Properties for purposes of complying with any ongoing obligations required by the approved RWPs, the Certificate and/or Covenant Not To Sue, which shall be on terms mutually agreeable to the Parties, acting reasonably and in good faith and shall be consistent with the provisions of Paragraph 7 of the Environmental Agreement, and shall be recorded in an easement binding on the Core Properties and which shall run in favor of Citizens (the "Environmental Easement").

(ix) Notwithstanding anything to the contrary in this Agreement, the City expressly reserves the right to acquire all or a part of Pleasant Run Crossing North and/or Pleasant Run Crossing South prior to the end of the term of the Ground Lease, so long as Citizens has consented to the same, such consent not to be unreasonably withheld, conditioned or delayed. In the event Citizens agrees to convey all or a portion of Pleasant Run Crossing North and/or Pleasant Run Crossing South to the City, a Public Party or a Private Party prior to obtaining both the Certificate and the Covenant Not To Sue (an "Early Conveyance"), Citizens shall retain (i) its access and use rights in the Ground Lease, (ii) its rights described in Article III(A)(iii), (vi) and (viii) of this Agreement, and (iii) its rights described in Paragraph 7 of the Environmental Agreement. An Early Conveyance shall not release the portions of Pleasant Run Crossing North and/or Pleasant Run Crossing South which are conveyed from the obligations in the Environmental

Agreement or this Agreement that are applicable to that property so long as the Ground Lease remains in effect. Any such conveyance is subject to any subsequent agreements that Citizens may reasonably require to effect such conveyance. The City shall have no right to acquire any portion of Pleasant Run Crossing prior to the end of the term of the Ground Lease.

B. Execution of Ground Lease. Citizens and the City shall negotiate the form of the Ground Lease, acting reasonably and in good faith, no later than sixty (60) days after the Effective Date. The Ground Lease shall be executed not later than ten (10) days following the satisfaction of the Conditions Precedent, as defined in Article VIII. The Parties shall record an executed original of the Ground Lease in the land records of the Marion County Recorder's Office.

C. Development and Construction of Project Improvements. In the event the City decides to develop and construct additional improvements on the Core Properties that are not depicted on the Citizens approved Site Development Plans ("New Project Improvements"), the City shall submit any plans for the New Project Improvements which interfere with those matters in the Citizens Site Impact Approvals to Citizens, which shall be subject to Citizens' approval in accordance with the procedures and terms contained in Article II ("New Improvement Approval Rights") provided that Citizens' approval of the New Project Improvements shall be based on the matters which are a part of the Citizens Site Impact Approvals and shall not be unreasonably withheld. The New Improvement Approval Rights and the City's obligations to obtain approval for any material changes to the Site Development Plans under Article II(B) shall terminate upon the termination of the Ground Lease and the conveyance of all Core Properties to the City.

D. Conveyance of Future Development Property. Contemporaneously with executing and delivering the Ground Lease, Citizens or its affiliated entities will convey the portions of the Citizens Property identified as Twin Aire, Prospect Place West, and Prospect Place East on Exhibit A (the "Future Development Property") to the City upon the terms and conditions in this Article III (D):

(i) The City shall pay Two Million One Hundred Thousand Dollars (\$2,100,000.00) to Citizens for the Future Development Property (the "Purchase Price") as follows: (a) Twin Aire – One Million Two Hundred Sixty Dollars (\$1,260,000.00); (b) PPE – Six Hundred Seventy-Two Thousand Dollars (\$672,000.00); and (c) Prospect Place West – One Hundred Sixty-Eight Thousand Dollars (\$168,000.00).

(ii) Citizens or its affiliated entity shall quit claim the fee simple title to the Future Development Property and the residential lots adjacent to and east of PPE (the "Future Development Deed"), shall comply with any legal requirements applicable to the conveyance of the Future Development Property and shall deliver any instruments necessary for the City to obtain an owner's title insurance policy in an amount equal to the Purchase Price. The Parties acknowledge the Future Development Deed shall also designate previously identified areas of the Future Development Property that are Restrictive Areas as described in the Environmental Agreement.

(iii) The City shall deliver a permanent sanitary sewer easement in favor of CWA on portions of Prospect Place West for the development, construction, operation and maintenance of sanitary sewer improvements related to The DigIndy Tunnel Project ("Tunnel Improvements") based upon other such sanitary sewer easements the City has previously granted to CWA in a location reasonably approved by the City (the "Tunnel Easement"). The Tunnel Easement shall also grant CWA an exclusive, temporary construction easement on and across the entirety of Prospect Place West until December 31, 2024 in order to construct the Tunnel Improvements.

(iv) PPE shall be subject to an Environmental Easement which shall contain (1) a reservation of rights in favor of Citizens similar to the access rights described in Article III (A)(viii), (2) a covenant permitting Citizens to record a Certificate of Completion against the title to Prospect Place East in accordance with the procedures and terms contained in Article III (A)(vii), (3) a covenant with respect to Contractors (defined herein) that complies with the terms of Article III (F), and (4) a reservation of rights to record an Environmental Restrictive Covenant, if necessary, as set forth in Section 6 of the Environmental Agreement.

(v) The Parties shall prorate real estate taxes, personal property taxes and other governmental assessments (collectively, "Governmental Charges") on an assessment basis as is customary for commercial real estate transactions in Indianapolis, Indiana based on the most current tax bill available. Governmental Charges first due and payable prior to the Closing Date shall be paid by Citizens. All other items customarily apportioned in Indiana in connection with the sale of similar properties shall be pro-rated as of the date the Future Development Property is conveyed to the City.

E. Subsequent Conveyance of Citizens Property. For a period of seven (7) years after the execution of the Ground Lease and the conveyance of the fee simple title of the Future Development Property, in the event the City conveys, assigns, subleases or otherwise transfers an interest in the Citizens Property to a third party for the purpose of facilitating the Project or any other development (individually and collectively, a "Transfer"), the City shall pay Citizens fifty percent (50%) of the Net Proceeds (which shall be the consideration received for the Transfer less the value of any improvements made on the property and less the allocated purchase price for the property), if any, received from a Transfer ("Transfer Consideration") on the earlier of the closing of the Transfer or the date the City receives Transfer Consideration. A Transfer shall not include (i) the City's conveyance of a real property interest to a utility provider or a public entity that will provide utility or public services to the contemplated development or any other easement rights; (ii) space leases for a part of any building constructed on the Citizens Property; and (iii) license, profits or similar short term agreements of ninety (90) days or less.

F. Deed Covenants. An important consideration in Citizens' willingness to enter into this Agreement and perform the obligations contained herein is that the City be responsible for the conduct of its representatives, contractors, consultants, developers and agents that perform services related to the development, construction and operation of the Project or other work that involves the Citizens Property (collectively, "Contractor(s)"). Accordingly, the City shall ensure that the type of Contractors identified in Paragraph 13 of the Environmental Agreement shall comply with Paragraph 13 of the Environmental Agreement including but not

limited to the execution and delivery to Citizens of an Accession Agreement (as such term is defined in the Environmental Agreement) for as long as such obligations are in effect under the Environmental Agreement (collectively, "**Contractor Obligations**"). The City's obligations in this Article III (F) shall run with the title to the Citizens Property and shall be recorded in the deed records as a memorandum of the Environmental Agreement. The Contractor Obligations shall not include Contractor work or services that solely involve the interior of constructed improvements once the improvement at issue has been completed.

G. Reserved Utility Easements. The Parties acknowledge that the Citizens Property is burdened by gas improvements related to Citizens' operation of the System and sanitary sewer improvements related to Citizens' operation of the municipal sanitary sewer system that are depicted on Exhibit B (collectively, the "**Citizens Utilities**"). To the extent the Citizens Utilities are not located in easements or other recorded occupancies as of the Effective Date, the Parties shall use good faith efforts to memorialize Citizens' right to utilize the Citizens Utilities in the Ground Lease and any mutually agreeable and commercially reasonable easements necessary to reserve such rights upon delivery of the Deed and/or the Future Development Deed.

ARTICLE IV. ENVIRONMENTAL MATTERS

A. General Environmental Matters. The City acknowledges that portions of the Core Properties and PPE have been historically used as a facility that used coal to manufacture gas for delivery to the System and to manufacture other by-products. The City further acknowledges it understands that portions of the Core Properties and PPE contain soil and other materials that cannot be disturbed, removed or stored without considering Citizens' obligations under the RWP and the Parties' compliance with the Soil Management Plan attached to the RWP (collectively, "**Environmental Matters**"). All Environmental Matters related to the Core Properties and PPE shall be addressed in a separate environmental agreement to be executed between the Parties on even date herewith (the "**Environmental Agreement**"). The final form of the Environmental Agreement shall be subject to such modification as may be required due to IDEM requirements or changes to the RWP so long as approved by the City and Citizens, such approval not to be unreasonably withheld, conditioned or denied. The Parties further agree there may be certain synergies between the work Citizens will perform to implement the RWP and the work the City will perform to develop and construct the Community Justice Facilities that could result in cost savings or other value to one or both Parties (collectively, "**Cost Savings**"). The Parties shall use good faith efforts to incorporate Cost Savings into the Environmental Agreement to the extent mutually acceptable and beneficial to both Parties. The City shall have no obligation in the Environmental Agreement to assume any responsibility or incur any costs for Citizens' implementation of the RWP that do not result in Cost Savings. Citizens shall have no obligation to assume any responsibility or incur any costs for the City's development and construction of the Community Justice Facilities that do not result in Cost Savings.

B. Credits for Cost Savings. The Parties intend that any Cost Savings mutually agreed upon under the terms of the Environmental Agreement shall be credited against the City's obligation to pay the Lease Fee or added to the City's obligation to pay the Lease Fee, depending

on which Party is performing the Cost Savings activity. In the event the agreed-upon Cost Savings cannot be determined until after the execution of the Ground Lease, each Party shall reimburse its respective share of any Cost Savings to the other Party pursuant to the Environmental Agreement within thirty (30) days of the mutual determination of the amount of the Cost Savings. The Parties' obligations with respect to post-Ground Lease execution reimbursement of Cost Savings shall be governed by the Environmental Agreement.

ARTICLE V. ACCESS TO CITIZENS PROPERTY

The Parties acknowledge the City has had access to the Core Properties for the purpose of preliminary Project planning pursuant to that certain Access Agreement executed by the Parties on May 9, 2017 (the "Access Agreement"). The City's rights to access the Core Properties prior to the execution of the Ground Lease shall continue to be subject to and in accordance with the terms of Access Agreement. The City and Citizens hereby agree that the Access Agreement is hereby incorporated into this Agreement by this reference thereto as if fully set forth herein in its entirety and applies to PPE, Prospect Place West and Twin Aire in addition to the Core Properties. Upon the execution of the Ground Lease and the delivery of the Future Development Deed, the Access Agreement shall terminate and the Parties shall have no further rights or obligations to one another under the Access Agreement, except those rights and obligations that expressly survive termination.

ARTICLE VI. INFRASTRUCTURE IMPROVEMENTS

The City will be solely responsible for all necessary infrastructure improvements and utility facilities for the Project. To the extent the City requests utilities supplied by Citizens, Citizens will use commercially reasonable and customary efforts in ensuring that utilities sufficient to support the Project will be made available to the City upon the terms and conditions that are available to other Citizens' rate payers. Any Citizens owned facilities necessary for the Project or otherwise requested by the City will be installed pursuant to all applicable laws and regulatory approvals necessary for Citizens to comply with the service requested. Any utility service the City requests from Citizens shall be memorialized in a separate agreement or agreements that incorporate Citizens' applicable standard tariff and terms and conditions, which are on file with the Indiana Utility Regulatory Commission ("Commission") and are subject to modification from time to time, subject to the Commission's approval.

ARTICLE VII. REPRESENTATIONS AND WARRANTIES

A. Citizens Representations and Warranties.

(i) Citizens has all requisite power and authority to execute and deliver this Agreement. Subject to Article VIII below, the execution and delivery of this Agreement and the performance of the obligations of Citizens hereunder and the consummation by Citizens of the transactions contemplated by this Agreement have been duly and validly authorized by all necessary action, and no other proceeding on the part of Citizens is necessary to authorize the execution, delivery and performance of this Agreement. This Agreement has been duly executed and delivered by Citizens and constitutes a legal, valid and binding obligation of Citizens, enforceable against Citizens in accordance with

its terms and conditions, except to the extent that enforceability may be limited by applicable bankruptcy, insolvency, reorganization or other laws affecting the enforcement of creditors' rights generally.

(ii) The execution, delivery and performance of this Agreement by Citizens upon satisfaction of the conditions set forth herein do not and shall not: (a) violate or conflict with any provision of any governing document of Citizens; (b) violate any provision of law, or any order, judgment or decree of any court or other governmental authority, or (c) violate or result in a breach of, or constitute (with due notice or lapse of time or both) a default under any contract, lease, loan agreement, mortgage, security agreement, trust indenture or other agreement or instrument to which Citizens is a party or by which it is bound or to which any of its properties or assets is subject; in each case where such violation, breach, default or resulting lien or restriction could reasonably be expected to have a material adverse effect on the consummation of any of the transactions contemplated by this Agreement. Notwithstanding anything to the contrary in this Agreement, Citizens must obtain the approvals described in Article VIII (C) before it can perform certain obligations under this Agreement.

(iii) The execution, delivery and performance of this Agreement by Citizens and the consummation by Citizens of the transactions contemplated hereby will not require any notice to, or consent, authorization or approval from any person or governmental authority or any third party other than affiliates of Citizens, other than as identified in this Agreement and/or as communicated to the City in writing.

(iv) Citizens has not entered into any leases or other occupancy agreements demising any portion of the Citizens Property other than matters of record and, to Citizens' knowledge, there are no leases or other occupancy agreements demising any portion of the Citizens Property other than matters of record.

(v) No demands, claims, or litigation, including but not limited to condemnation, eminent domain, or similar proceedings, has been served upon Citizens with respect to the Citizens Property that remains outstanding, and, to Citizens' knowledge, no such demands, claims or litigation have been threatened in writing, except to the extent the Core Properties' and PPE's enrollment in the VRP and the submission of the RWPs to IDEM could be considered litigation, a demand or a claim.

(vi) No broker, finder or other person is entitled to any commission or finder's fee by reason of any agreement or action of Citizens in connection with this Agreement or the transactions contemplated by this Agreement.

B. City Representations and Warranties.

(i) The City has all requisite power and authority to execute and deliver this Agreement. Subject to Article VIII below, the execution and delivery of this Agreement and the performance of the obligations of the City hereunder and the consummation by the City of the transactions contemplated by this Agreement have been duly and validly authorized by all necessary action, and no other proceeding on the part of the City is

necessary to authorize the execution, delivery and performance of this Agreement. This Agreement has been duly executed and delivered by the City and constitutes a legal, valid and binding obligation of the City, enforceable against the City in accordance with its terms and conditions, except to the extent that enforceability may be limited by applicable bankruptcy, insolvency, reorganization or other laws affecting the enforcement of creditors' rights generally.

(ii) The execution, delivery and performance of this Agreement by the City upon satisfaction of the conditions set forth herein do not and shall not: (a) violate or conflict with any provision of any governing document of the City; (b) violate any provision of law, or any order, judgment or decree of any court or other governmental authority, or (c) violate or result in a breach of, or constitute (with due notice or lapse of time or both) a default under any contract, lease, loan agreement, mortgage, security agreement, trust indenture or other agreement or instrument to which the City is a party or by which it is bound or to which any of its properties or assets is subject; in each case where such violation, breach, default or resulting lien or restriction could reasonably be expected to have a material adverse effect on the consummation of any of the transactions contemplated by this Agreement. Notwithstanding anything to the contrary in this Agreement, the City must obtain the approvals described in Article VIII (B) before it can perform certain obligations under this Agreement.

(iii) The execution, delivery and performance of this Agreement by the City and the consummation by the City of the transactions contemplated hereby will not require any notice to, or consent, authorization or approval from any person or governmental authority or any third party.

(iv) No broker, finder or other person is entitled to any commission or finder's fee by reason of any agreement or action of the City in connection with this Agreement or the transactions contemplated by this Agreement.

C. Survival. All of the representations and warranties contained in this Article VII shall survive for a period of six (6) months after the Termination Date.

D. Limitation on Citizens' Representations and Warranties. Except for the representations and warranties of Citizens expressly set forth in this Agreement, the Ground Lease and the Environmental Agreement, the City warrants and acknowledges to and agrees with Citizens that the City is leasing the Core Properties and acquiring the Citizens Property in their "as-is, where is" condition "with all faults", and specifically and expressly without any warranties, representations or guarantees, either express or implied, as to its condition, fitness for any particular purpose, merchantability, or any other warranty of any kind, nature, or type whatsoever from or on behalf of Citizens. Except for the representations and warranties of Citizens expressly set forth in this Agreement, the Ground Lease and the Environmental Agreement, Citizens specifically disclaims any warranty, guaranty or representation, oral or written, past or present, express or implied, concerning (i) the value, nature, quality or condition of the Citizens Property, including, without limitation, the water, soil, geology and geotechnical suitability for the Project, (ii) the income to be derived from the Citizens Property, (iii) the suitability of the Citizens Property for any and all activities and uses which the City may conduct

thereon, including the possibilities for future development of the Future Development Property, (iv) the compliance of or by the Citizens Property or its operation with any laws, rules, ordinances or regulations of any applicable governmental authority or body, (v) the habitability, merchantability, marketability, profitability or fitness for a particular purpose of the Citizens Property, (vi) the manner or quality of the construction or materials, if any, incorporated into the Citizens Property, (vii) the manner, quality, state of repair or lack of repair of the Citizens Property, or (viii) any other matter with respect to the Citizens Property. The City acknowledges and agrees that, except for the representations and warranties of Citizens expressly contained in this Agreement, any information provided by or on behalf of Citizens with respect to the Citizens Property was obtained from a variety of sources and that Citizens has not made any independent investigation or verification of such information and makes no representations or warranties as to the accuracy or completeness of such information. Citizens shall not be liable or bound in any manner by any oral or written statements, representations or information pertaining to the Citizens Property, or the operation thereof, furnished by any Citizens' agent, employee, servant or other person except for the express representations and warranties set forth in this Agreement. The City further acknowledges and agrees that the City is sophisticated and experienced with respect to the leasing, acquisition and development of properties such as the Citizens Property and has been duly represented by counsel and other professionals in connection with the negotiation of this Agreement. Citizens has made no agreement with the City to alter, repair or improve the Citizens Property as part of this transaction, except for Citizens' obligations under the RWP or as provided in the Environmental Agreement.

E. The City acknowledges that it has and will continue to have the opportunity to inspect the Citizens Property prior to execution of the Ground Lease, and during such period, observe its physical characteristics and existing conditions and the opportunity to conduct such investigation and study on and of the Citizens Property and adjacent areas as the City deems necessary to develop and construct the Project. The City further acknowledges that changes in applicable laws and regulations may impact the use or future development of the Citizens Property and that adverse physical characteristics and conditions may not have been revealed by its investigation.

ARTICLE VIII. CONDITIONS PRECEDENT

A. Conditions Precedent. The Parties acknowledge and agree that each Party must obtain additional approvals in order to proceed with the Project (the "Condition(s) Precedent") which shall be satisfied no later than October 31, 2018 (the "Condition Date"). If any Conditions Precedent is not resolved by the Condition Date, this Agreement shall terminate unless the Parties agree to extend the Condition Date. The Parties further acknowledge and agree their obligation (i) to perform the obligations under this Agreement and (ii) to execute the Ground Lease and the Environmental Agreement is contingent upon each Party's satisfaction or waiver of their respective Conditions Precedent by the Condition Date. The Parties agree to work reasonably and in good faith to satisfy the Conditions Precedent on or before the Condition Date.

B. The City's Conditions Precedent. The following shall be the Conditions Precedent to the City's obligations under this Agreement and with respect to the Project:

(i) the City determines in its sole discretion it can execute and perform its obligations under the Ground Lease and the Environmental Agreement in accordance with all statutory, regulatory, legal and other requirements that are applicable to Citizens and the City and any Citizens affiliates that may own portions of the Citizens Property, including, but not limited to, the approval of the Agreement;

(ii) the City obtains all necessary approvals and consents which the City determines in its sole and absolute discretion are necessary or advisable to comply with any and all laws, statutes, rules, regulations applicable to the development of the Project on the Citizens Property and the conveyance of the Citizens Property to the City and related to entering into the Ground Lease and the Environmental Agreement;

(iii) the City determines the Project can be developed and constructed on the Core Properties in such a manner that the Citizens Site Impact Approvals can be satisfied;

(iv) the City determines, in its sole and absolute discretion that neither it, nor Citizens is subject to any injunction, preliminary restraining order or other similar decree of a court of competent jurisdiction prohibiting the consummation of the Project;

(v) the City has completed, to its satisfaction, its business, financial, legal, regulatory, environmental, geo-technical and similar due diligence with respect to the suitability of the Citizens Property for the Project;

(vi) the Parties have mutually approved the Site Development Plans; and

(vii) the Parties have mutually approved the terms of the Ground Lease and Environmental Agreement; and

(viii) City has approved the PPE ERC, as defined below.

C. Citizens Condition Precedent. The following shall be the Conditions Precedent to Citizens' obligations under this Agreement and with respect to the Project:

(i) Citizens determines in its sole discretion it can execute and perform its obligations under the Ground Lease, the Environmental Agreement and the conveyance of the Future Development Property in accordance with all statutory, regulatory, procedural, and other legal requirements that are applicable to Citizens and the City and any Citizens affiliates that may own portions of the Citizens Property, including, but not limited to, the approval of the Agreement;

(ii) Citizens obtains all necessary corporate, board, third-party and other approvals and consents, which Citizens determines in its sole and absolute discretion are necessary or advisable to comply with any and all laws, statutes, rules, and regulations applicable to the approval and terms of this Agreement, the Ground Lease, the Environmental Agreement and the conveyance of the Future Development Property;

(iii) Citizens determines in its sole and absolute discretion and at any time that the Project and Site Development Plan can be developed and constructed on the Core

Properties in such a manner that the Citizens Site Impact Approvals can be satisfied and that its obligations under the Ground Lease and Environmental Agreement comply with Citizens' obligations under the RWP and all other environmental, health and safety obligations;

(iv) IDEM has issued final written approval of the RWP upon terms that Citizens determines are acceptable in Citizens' sole and absolute discretion;

(v) Citizens determines, in its sole and absolute discretion that neither it, nor the City, is subject to any injunction, preliminary restraining order or other similar decree of a court of competent jurisdiction prohibiting the consummation of the Project;

(vi) the Parties have mutually approved the Site Development Plans;

(vii) the Parties have mutually approved the terms of the Ground Lease and the Environmental Agreement; and

(viii) IDEM has approved the Environmental Restrictive Covenant for Prospect Place East (the "PPE ERC") and Citizens has recorded the PPE ERC against title to PPE.

D. Failure to Satisfy a Condition Precedent. If either Party determines in its sole discretion it cannot satisfy, waive, or otherwise resolve one or more of its respective Conditions Precedent on or before the Condition Date, the Party's sole remedy shall be to terminate this Agreement by written notice to the other Party, in the event the Parties shall have no further right or obligation under this Agreement (except for rights and obligations herein which expressly survive the termination of the Agreement). Termination of this Agreement shall not impact the Parties' obligations under the Access Agreement or the Mutual Non-Disclosure Agreement.

ARTICLE IX. GENERAL PROVISIONS.

A. Term. The term of this Agreement shall be for the period commencing on the Effective Date and continuing through the Termination Date (the "Term"). As used herein, the "Termination Date" shall be the earlier of the date that (i) the Citizens Property is conveyed from Citizens to the City pursuant to the terms of the Ground Lease, or (ii) this Agreement is canceled or terminated pursuant to the terms and conditions herein. If the Termination Date occurs after the execution of the Ground Lease and Environmental Agreement, the Ground Lease and Environmental Agreement shall continue in accordance with their terms.

B. Assignment. Subject to the provisions of Article III(A)(vi), neither Party shall be entitled to assign its rights hereunder without the express written consent of the other Party, which consent shall not be unreasonably withheld, denied or conditioned; provided that the City may assign its interest herein to another department, agency or political subdivision of the City and may collaterally assign its right under this Agreement in connection with any financing for the Project without any consent or approval from Citizens.

C. No Waiver. No failure on either Party's part at any time to require the other Party's performance of any term hereof shall be taken or held to be a waiver of such term or in any way affect such Party's right to enforce such term, and no waiver on either Party's part of any

term hereof shall be taken or held to be a waiver of any other term hereof or breach thereof.

D. Severability. Invalidity or unenforceability of any particular provision hereof shall not affect the other provisions, and this Agreement shall be construed in all respects as if such invalid or unenforceable provision had not been contained herein.

E. Entire Agreement: Written Modifications. This Agreement, in conjunction with the Environmental Agreement, Ground Lease, and any subsequent documentation agreed-upon by the Parties to effectuate the terms of these agreements, contains the entire understanding between the Parties with respect to environmental matters related to the Citizens Property. All prior representations, promises, and oral agreements between the Parties with respect to environmental matters are merged hereunto and expressed herein. This Agreement shall not be amended, modified or supplemented except by written agreement signed by both Parties.

F. Governing Law. This Agreement shall be governed by and subject to the laws of the State of Indiana.

G. Captions. The captions herein are for convenience and identification purposes only, are not an integral part hereof, and are not to be considered in interpretation of any part hereof.

H. Notices. All notices and other communications hereunder, including, without limitation, all requests for approvals and notices of approvals or disapprovals, shall be in writing and shall be deemed to have been duly given if sent personally, by a reputable, publicly traded overnight delivery service or by certified or registered mail, return receipt requested, postage prepaid, addressed as follows:

To Citizens:	Citizens Energy Group 2020 North Meridian Street Indianapolis, IN 46202-1393 Attn: Ms. Jennett M. Hill, Esq.
With a Copy To:	Ice Miller LLP One American Square, Suite 2900 Indianapolis, IN 46282 Attn: Mr. Richard J. Thrapp, Esq.
To the City:	City of Indianapolis Corporation Counsel City-County Building, 1601 200 E. Washington St. Indianapolis, IN 46204 Attn: Mr. Andrew J. Mallon, Esq.
With a Copy To:	Faegre Baker & Daniels 300 N. Meridian Street, Suite 2700 Indianapolis, IN 46204

Attn: Mr. Scott Chinn, Esq.

or to such other address as shall be furnished in writing by either Party to the other Party. All notices and other communications hereunder given in the manner provided above shall be deemed effective on the date personally delivered or, if sent by certified mail or by overnight mail, on the date of delivery or when delivery is first attempted.

I. Confidentiality. The Parties executed a Mutual Non-Disclosure Agreement on March 28, 2017, in order to facilitate the Parties' discussions regarding the Project (the "NDA"). The provisions of the NDA are hereby incorporated into this Agreement in all respects, and all information shared between the Parties shall be subject to the NDA, including the provisions regarding Common Legal Interest set forth in Section 5 of the NDA. The effectiveness and enforceability of the NDA shall be separate from and shall survive the termination of this Agreement. No other provision of this Agreement shall be construed as authorizing the disclosure of Confidential Information (as defined in the NDA) that concerns Common Legal Interest or waiving the Common Legal Interest Privilege.

J. Cooperation. The Parties agree to cooperate with each other, acting reasonably and in good faith, in the implementation of the terms of this Agreement, including, without limitation, preparing the form of the Ground Lease, the Environmental Restrictive Covenants and other documents required to implement the terms of this Agreement, and making any RWP required amendments to the Environmental Agreement, permitting access to the RWP in connection with the preparations of the Site Development Plans and for other due diligence related to the Project, and assisting the Parties in obtaining any required permits and approvals for each of their obligations under this Agreement including, without limitation, the execution of any zoning or land use applications or documentation. Such cooperation shall include Citizens signing authorizations and/or consents for the City to obtain zoning modifications and other land use approvals related to the Project, so long as Citizens does not incur third party costs in cooperating with the City.


K. Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same instrument. For evidentiary purposes, faxed or electronically transmitted counterparts of this Agreement shall be deemed to be originals.

[The rest of this page has been intentionally left blank.]

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the day and year first above written.


CITY:

CONSOLIDATED CITY OF INDIANAPOLIS
AND MARION COUNTY



Andrew J. Mallon, Corporation Counsel

APPROVED AS TO FORM AND LEGALITY:

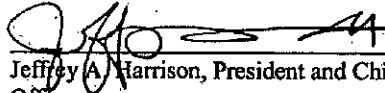


Corporation Counsel

(Signature Page to Project Agreement)

CITIZENS:

DEPARTMENT OF PUBLIC UTILITIES FOR
THE CITY OF INDIANAPOLIS, ACTING BY
AND THROUGH THE BOARD OF DIRECTORS
FOR UTILITIES, AS TRUSTEE, IN
FURTHERANCE OF A PUBLIC CHARITABLE
TRUST D/B/A CITIZENS ENERGY GROUP



Jeffrey A. Harrison, President and Chief Executive
Officer

(Signature Page to Project Agreement)

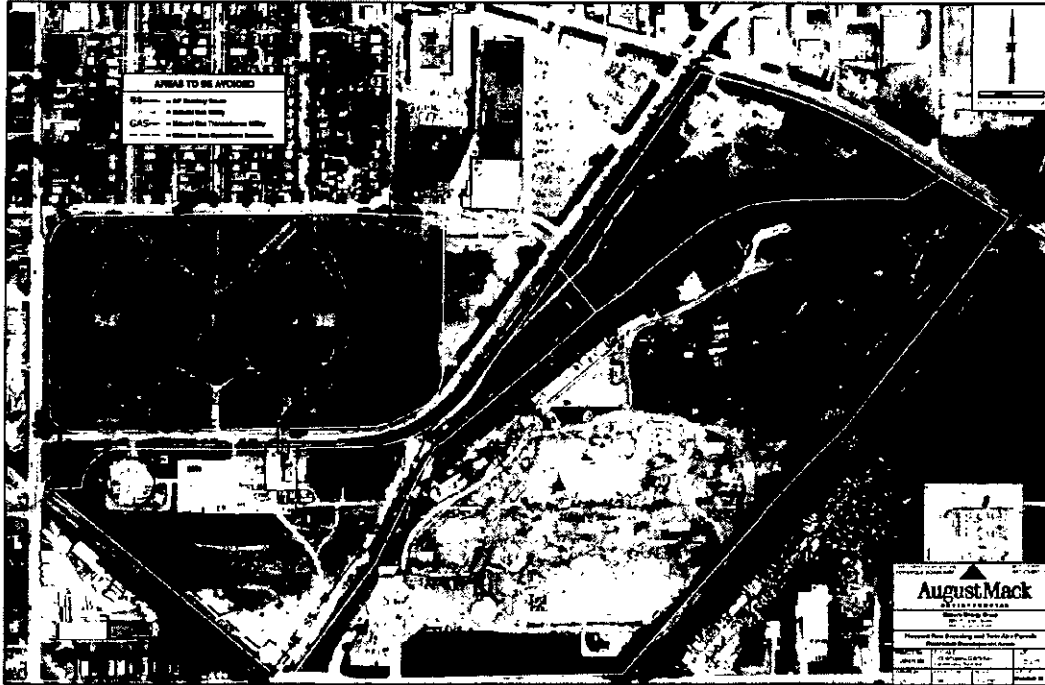
EXHIBIT A
CITIZENS PROPERTY



A-1

US:115362330.01

EXHIBIT B
CITIZENS UTILITIES



B-1

EXHIBIT C

ENVIRONMENTAL AGREEMENT

Execution Copy

COMMUNITY JUSTICE CAMPUS ENVIRONMENTAL AGREEMENT

This Environmental Agreement ("Agreement") is entered into between the City of Indianapolis ("City") and the Department of Public Utilities for the City of Indianapolis, acting by and through the Board of Directors for Utilities, as successor trustee, in furtherance of a public charitable trust d/b/a Citizens Energy Group ("Citizens") (each being referred to herein as a "Party" or collectively as the "Parties") pursuant to the Project Agreement executed between the Parties on 12-17-17 (the "Project Agreement"). Unless uniquely defined herein, all terms defined in the Project Agreement shall have the same meanings when used in this Agreement. The Effective Date of this Agreement shall be the same as the Effective Date of the Project Agreement.

A. Background

1. The City intends to construct the Project on Citizens-owned property in accordance with the terms of the Project Agreement. Exhibit A attached hereto depicts the six discrete parcels that make up the property for the Project ("Citizens Property"). The Parties acknowledge that Citizens has enrolled portions of the Citizens Property identified on Exhibit A as Pleasant Run Crossing North, Pleasant Run Crossing South, Pleasant Run Crossing, (the "Core Properties") and Prospect Place East ("PPE") in the Indiana Department of Environmental Management's ("IDEM") Voluntary Remediation Program (the "VRP"). The City hereby acknowledges that the Core Properties and PPE are impacted by historic manufacturing operations and that Citizens will be undertaking certain environmental remediation activities to make the Core Properties and PPE suitable for commercial redevelopment, such as for the City's construction and operation of the Community Justice Facilities and the Project. The Project Agreement and the Ground Lease govern the overall terms and conditions by which the City will obtain rights to the Citizens Property for construction and operation of the Project.

2. This Agreement describes, among other things: the terms and conditions regarding how environmental impacts at the Core Properties and PPE will be addressed; access to the Core Properties and PPE to perform various environmental activities (including remediation, operation and maintenance of the groundwater collection and treatment system, and sampling, monitoring and maintaining groundwater monitoring wells); and restrictions on developing portions of the Citizens Property.

B. Environmental Terms and Conditions

1. Remediation Work Plans. As stated above, Citizens has enrolled the Core Properties and PPE in the Indiana VRP. On April 30, 2010, Citizens submitted to IDEM a Remediation Work Plan (RWP) for PPE, which was approved by IDEM on March 1, 2011 (the "2011 RWP"). On December 5, 2016, Citizens submitted a Remediation Completion Report to IDEM reflecting that Citizens has completed the work required by the 2011 RWP. By letter dated April 21, 2017, IDEM provided comments on the PPE Remediation Completion Report and Citizens is working with IDEM to resolve those comments. On July 31, 2017, Citizens submitted to IDEM an RWP for the Core Properties, which was amended on November 3, 2017 (the "2017 RWP"). The 2011 RWP and 2017 RWP (collectively the "RWPs") describe the work that Citizens

will perform to render the Core Properties and PPE suitable for commercial redevelopment such as the Project, and to satisfy Citizens' obligations under the VRP. As set forth in Section VIII.C(iv) of the Project Agreement, Citizens' obligations under the Project Agreement are conditioned upon IDEM's approval of the 2017 RWP. Citizens shall be solely responsible for negotiating the terms of the 2017 RWP with IDEM and for receiving IDEM's final approval of the 2017 RWP.

2. Citizens to Implement the RWPs. Citizens shall be solely responsible to perform the work required by the approved RWPs as necessary to obtain a Certificate of Completion from IDEM pursuant to Ind. Code 13-25-5-16, and a Covenant Not to Sue from the Governor of the State of Indiana pursuant to Ind. Code 13-25-5-18 (the "Remediation Work"). Issuance of the Certificate of Completion and Covenant not to Sue will signify that all Remediation Work required by the approved RWPs has been successfully completed. Citizens shall take reasonable measures in performing the Remediation Work to coordinate completion of the Remediation Work with the City's site preparation, redevelopment work, and construction of the Community Justice Facilities (the "Redevelopment Work"), and to minimize disturbance or interference with the City's rights to occupy and use the Core Properties and PPE. With respect to any groundwater monitoring wells required under the approved RWPs and any deep rock tunnel monitoring wells (collectively referred to as "groundwater monitoring well" or "groundwater monitoring wells" and generally depicted in Exhibit B.1 attached hereto), the City shall, upon submission of an itemized invoice from Citizens issued by its contractor, reimburse Citizens for the costs incurred by Citizens (i) to properly abandon any groundwater monitoring well that needs to be abandoned prior to construction to facilitate the City's Redevelopment Work, which Citizens shall abandon no later than sixty (60) days following written notice from the City that lists wells to be abandoned, and (ii) to install replacement groundwater monitoring wells as required by IDEM or as needed for the DigIndy Tunnel Project; *provided, however*, Citizens shall not be entitled to reimbursement for abandoning any well that IDEM determines does not need to be replaced. If the City has already reimbursed Citizens for any such well prior to IDEM's determination, Citizens shall refund to the City the amount the City paid for that abandonment within a reasonable time of IDEM's determination. Citizens will use reasonable efforts to negotiate with IDEM the number and location of any future replacement groundwater monitoring wells in an effort to minimize impact or disruption of the City's Redevelopment Work, and the City will provide reasonable assistance to Citizens if requested in those negotiations.

3. Costs of RWP Implementation and Potential Cost Savings. Citizens shall be solely responsible for the costs necessary to perform the Remediation Work. The Parties acknowledge that certain aspects of the City's Redevelopment Work will overlap with Citizens' Remediation Work required by the 2017 RWP. The Parties agree to follow the procedures in this Paragraph 3 and to collaborate and to work together in good faith to identify such areas of potential overlap and to develop plans to reduce costs to each Party while still ensuring Citizens' 2017 RWP Remediation Work and the City's Redevelopment Work are fully performed (referred to herein as "Cost Savings"). (The Parties acknowledge and agree that there are no opportunities for Cost Savings under the 2011 RWP.) The City shall have no obligation to assume any responsibility or incur any costs for Citizens' implementation of the 2011 RWP. The City shall have no obligation to assume any responsibility or incur any costs for Citizens' implementation of the 2017 RWP that do not result in Cost Savings to the City. Citizens shall have no obligation to assume any responsibility or incur any costs for the City's Redevelopment Work that does not result in Cost Savings to Citizens under the 2017 RWP.

The process the Parties shall follow to identify potential Cost Savings is described in this Paragraph 3. The intent of the Parties in agreeing to this collaborative process is to identify methods, procedures, and efficiencies that will achieve Cost Savings for the Parties while also satisfying the requirements of both the 2017 RWP and the Redevelopment Work for the Project.

- a. Within ninety (90) calendar days of the date the City provides Citizens the Site Development Plans required by the Project Agreement, or IDEM's final approval of the 2017 RWP, whichever is later, Citizens shall identify the costs for Citizens to complete components of the approved 2017 RWP where there is potential overlap with the Redevelopment Work ("Remediation Work Costs"), and such information shall be provided to the City.
- b. Within forty-five (45) calendar days of receiving the Remediation Work Costs, the City will provide Citizens a written description of the confirmed components of its Redevelopment Work which it believes will overlap with Citizens' Remediation Work and result in Cost Savings while also satisfying the requirements of the final approved 2017 RWP.
- c. Within forty-five (45) calendar days of Citizens receiving the information from the City pursuant to Subparagraph (b) above, Citizens' environmental consultant, in its sole judgment and discretion, shall make a final determination as to whether the City's Redevelopment Work will satisfy the 2017 RWP and verify and approve the amount of the Cost Savings. Such determination shall be at the sole and absolute discretion of Citizens and shall be the final determination on the available Cost Savings.
- d. For the Cost Savings amounts verified and approved by Citizens, the City shall be entitled to an amount equal to 50% of the total Cost Savings as a credit against the Lease Fee. All Costs Savings shall be determined by January 1, 2019. Based on the Parties' preliminary examination of potential Cost Savings, the Parties estimate that each Party's 50% share of the Cost Savings could be a maximum of approximately \$850,000 subject to further refinement and diligence of the Parties as described in this Paragraph 3.
- e. If reasonably required by the City, the Parties shall take reasonable measures to expedite the deadlines provided in this Paragraph 3 to realize any potential Cost Savings to accommodate the City's schedule for its Redevelopment Work.
- f. The Parties intend to continue investigating other opportunities and identifying tasks that may be mutually beneficial with respect to facilitating Remediation Work and/or Redevelopment Work, including such tasks that may result in additional cost savings, and may mutually agree, in writing, to pursue such opportunities and tasks.
- g. All agreements with respect to Cost Savings and any obligations assumed by the Parties under this Paragraph 3 shall be in writing, signed by both Parties, and incorporated as an exhibit to this Agreement.

4. Other Project Costs. Other than mutually agreed-upon credits for Cost Savings described in Paragraph B.3 above, all costs related to the Redevelopment Work and/or the Project, including without limitation all costs related to implementing the Soil Management Plan that must be followed by any person when soil at the Core Properties is disturbed, are solely the responsibility of the City. The City shall take reasonable measures in performing the Redevelopment Work to coordinate with Citizens in its performance of the Remediation Work, and to minimize any disturbance to and to avoid interfering with the Remediation Work.

5. Restrictions on Development. The City hereby acknowledges and agrees that certain sections of the Core Properties, PPE and Prospect Place West ("PPW") shall have restrictions on development. Exhibits B.1 and B.2 identify those areas described below within which no City Redevelopment Work can occur without the express, prior written approval of Citizens, for the period in which these features are required to remain in place ("Restricted Areas"). The restrictions and requirements with respect to the subsurface sanitary sewer deep tunnel easement shown on B.1 and B.2 are further described in Article III(A)(vii) and (viii) of the Project Agreement. The City shall be responsible for any damage the City or its Contractor(s) cause to any remediation feature created pursuant to the RWPs, or deep rock tunnel monitoring well including without limitation, the Restricted Areas depicted in Exhibits B.1 and B.2 which are described in more detail below:

a. Groundwater/Oil Recovery System Components

These components include: (1) Existing Recovery Wells, (2) New Oil Skimmer Wells, (3) New Groundwater Extraction Wells, (4) Pull Boxes, (5) Trench Observation Wells, (6) Underground Double-Walled Pipe Trench, and (7) System Building. These components are located southeast of Pleasant Run Creek ("PRC") on the western portion of the Pleasant Run Crossing parcel. Citizens shall operate and maintain the groundwater/oil recovery system consistent with the terms of the approved 2017 RWP.

b. PRC Liner

A low permeability granulated clay liner (GCL) was installed over an approximate 2,000 linear foot stretch of PRC, beginning at the intersection of PRC and Prospect Street and extending north/northeast. This GCL cannot be disturbed. Citizens will need to inspect, maintain, and repair (if necessary) this GCL consistent with the terms of the approved 2017 RWP.

c. Shallow Monitoring Wells

Citizens' shallow monitoring well network consists of 12 monitoring wells on the Pleasant Run Crossing North parcel, 23 monitoring wells on the Pleasant Run Crossing South parcel, and 57 monitoring wells on the Pleasant Run Crossing parcel. Citizens will need to monitor and maintain these wells consistent with the terms of the approved 2017 RWP.

d. Deep Monitoring Wells

Citizens' deep monitoring well network consists of four monitoring wells on the Pleasant Run Crossing parcel and three monitoring wells on the Pleasant Run Crossing South parcel. Citizens will need to monitor and maintain these wells consistent with the terms of the approved 2017 RWP.

e. Pleasant Run Creek Deep Rock Tunnel Monitoring Wells

Citizens' Pleasant Run Creek deep rock tunnel monitoring wells consist of one monitoring well on the Pleasant Run Crossing North parcel and one monitoring well on the Pleasant Run Crossing South parcel. Citizens will need to monitor and maintain these wells consistent with its obligations associated with the DigIndy Tunnel Project.

f. Indiana Department of Natural Resources ("IDNR") Mitigation Area

As part of the Pleasant Run Creek Interim Measure ("IM") permitting process, the IDNR required Citizens to mitigate the disturbed riparian habitat following completion of the PRC IM work. Only 4.7 acres of the 8 acre IDNR Mitigation Area depicted on Exhibit B will ultimately need to be set-aside for this Mitigation Area.

g. Interceptor Trench and Collection Vault

The Interceptor Trench and Collection Vault were installed pursuant to the 2011 RWP for PPE. Groundwater flowing north to the northern boundary of PPE is captured by this system and routed to a sewer owned and operated by Citizens. Operation and maintenance of this system are required by the approved RWP for PPE.

6. Land Use and Activity Restrictions. The Parties acknowledge that the final approved RWP for the Core Properties and PPE will require that certain land use and activity restrictions be placed on the Core Properties and PPE through an Environmental Restrictive Covenant ("ERC") which Citizens will record in the Marion County Recorder's Office after the 2017 RWP is approved by IDEM and before title to all or portions of the Core Properties and PPE are deeded to the City as described in Section III.A(vii) of the Project Agreement. Citizens will be responsible for negotiating the terms of the ERC(s) to be recorded on the Core Properties and PPE which, at a minimum, will include the restrictions contained in the approved RWPs and such other provisions required by IDEM. Prior to executing and delivering the Future Development Deed for the Prospect Place West and Twin Aire parcels, Citizens shall also have the right to record a restrictive covenant (RC) against the fee simple title to the Prospect Place West and Twin Aire parcels that prohibits the potable use of groundwater from the parcels and that require that any soil disturbance at those parcels comply with legally required soil management and health and safety plans. The City agrees to fully comply with the ERC(s) and RC(s) recorded on the portions of the Citizens Property that the City leases and/or ultimately owns. Nothing in this Agreement shall prevent the City from seeking IDEM's written approval to modify any ERC(s) after transfer of the Core Properties and/or PPE to the City, provided that the City must provide Citizens with a copy of

any ERC modification request simultaneously when submitting it to IDEM. Until December 31, 2039, Citizens, in addition to IDEM, must approve any modification to an ERC in writing, which shall not be unreasonably withheld by Citizens; on or after January 1, 2040, the City shall provide Citizens notice of, but Citizens will not have the right to approve but may comment on, any such modification request. In no event shall the City be permitted to seek a modification to an ERC that will result in increased costs or obligations to Citizens.

7. Access to Perform Remediation Activities.

a. The City acknowledges that Citizens will continue to own the Core Properties after approval of the 2017 RWP and until fee simple title to all or portions of the Core Properties is transferred to the City or its approved designee pursuant to the Project Agreement and Ground Lease. The City agrees that, while Citizens owns the Core Properties, and after the City or its approved designee acquires fee title to the Core Properties, Citizens shall continue to have full access to the Core Properties to implement and complete the approved RWPs to obtain the Certificate and Covenant Not to Sue.

b. The City further acknowledges and agrees that when Citizens transfers fee simple title to all or a portion of the Core Properties to the City or its approved designee, Citizens shall have the right to reserve in the deed transferring title an easement that will provide Citizens with continuing access to the Core Properties to perform any and all environmental work Citizens reasonably determines is required by law, or that is requested by IDEM, the U.S. Environmental Protection Agency ("EPA"), or any other agency with appropriate jurisdiction, or that is required by any court order.

8. Lease and Transfer of Title. Consistent with Section III of the Project Agreement and the Ground Lease, Citizens will lease the Core Properties to the City until such time as IDEM issues a "Certificate of Completion" pursuant to Ind. Code 13-25-5-16 and the Governor issues a "Covenant Not to Sue" pursuant to Ind. Code 13-25-5-18 signifying that all Remediation Work required by the approved RWPs has been successfully performed. After the Certificate of Completion is received and recorded, and within thirty (30) days of Citizens' receipt of the Covenant Not to Sue, Citizens will deed the Core Properties to the City or its approved assignee, subject to the reserved easement described in Paragraph 7 above. As provided in Article III(A)(ix) of the Project Agreement, nothing in this Agreement shall prevent the Parties from mutually agreeing to deed Pleasant Run Crossing North and/or Pleasant Run Crossing South, or any portion of these parcels, to the City prior to issuance of the Certificate or the Covenant Not to Sue, provided that with respect to the portion of these parcels at issue Citizens retains (i) its access and use rights in the Ground Lease to the portion of the Core Properties at issue, (ii) its rights described in Article III(A)(iii), (vii) and (viii) of the Project Agreement, and (iii) its rights described in Paragraph 7 of this Agreement.

9. Pollution Legal Liability Insurance. The Parties anticipate acquiring Pollution Legal Liability ("PLL") insurance with a minimum policy limit of \$25 million for the Citizens Property that covers both Citizens and the City. The Parties shall work together in good faith to evaluate the financial feasibility of such insurance and coverages provided. If the Parties conclude the costs are feasible and coverages appropriate, they will acquire PLL insurance and split the costs 50/50.

10. Contractors Insurance. Citizens and the City (or their contractors) shall maintain, with responsible insurance carriers, adequate insurance for the Remediation Work and Redevelopment Work, each respectively, with both named as insureds, including but not limited to general liability, professional liability, contractors pollution liability, auto, and umbrella/excess as reasonably appropriate and such certificates of insurance shall be made available to the other party at their reasonable request during the term of the Ground Lease, and as it pertains to Citizens, any access thereafter under this Agreement for implementation of the RWP (the "Contractor's Coverages").

11. Assignment. Neither Party shall be entitled to assign its rights hereunder without the express written consent of the other Party, which consent shall not be unreasonably withheld, denied or conditioned, provided that the City may assign its interest herein to another department, agency or political subdivision of the City and may collaterally assign its right under this Agreement in connection with any financing for the Project without any consent or approval from Citizens.

12. Environmental Liabilities

- a. The Parties acknowledge and agree that other than the representations, warranties and covenants expressly stated in the Project Agreement and in this Agreement, and in consideration for, among other things, Citizens' agreement to be solely responsible for the Remediation Work, and the City's agreement to be solely responsible for the Redevelopment Work, (i) Citizens makes no other representations, warranties or covenants, express or implied, with respect to environmental matters or Environmental Liabilities (as defined below) relating to the Core Properties and PPE, and (ii) the City accepts the Core Properties and PPE "as is/where is, with all faults."
- b. The City further agrees that it will not seek, assert or bring any claim against Citizens (or its Affiliates) relating to, and specifically releases Citizens (and its Affiliates) from, Environmental Liabilities for environmental conditions existing at the Core Properties and PPE as of the Effective Date.
- c. For purposes of this Agreement, "Environmental Liabilities" shall mean any and all current, future, known, or unknown liabilities, claims, or obligations associated with the Core Properties and PPE arising under any federal, state, or local statute, ordinance, code, regulation, or common law regulating, relating to, or imposing liability for environmental contamination relating to hazardous substances, hazardous materials, contaminants and pollutants of any kind including without limitation common law, the Indiana Environmental Legal Action statute, and the federal statutes commonly known as CERCLA, RCRA, FIFRA, EPCRA, TSCA, OSHA, the Clean Water Act, and the Clean Air Act as well as any state or local law analogues. "Environmental Liabilities" shall further mean any current, future, known, or unknown liabilities, claims, or obligations for increased costs, changes to the Redevelopment Work or the Project, tort claims, and any other liability, claim, cost or obligation whatsoever arising from or related to the presence of any substances in the soil, air, surface water or ground waters of the Core Properties and PPE as of the Effective Date.

- d. Neither Party releases the other Party from any Environmental Liabilities associated with the exacerbation of environmental conditions existing at the Core Properties and PPE as of the Effective Date caused by the other Party's acts or omissions that occur after the Effective Date.
- e. If a third party makes a claim against either or both Parties, either Party shall be entitled to defend its interests by pointing to the acts or omissions of the other Party that occurred before or after the Effective Date, but shall only be able to bring a claim, whether a direct claim, cross claim or third party claim, against the other Party based on the other Party's acts or omissions that occurred after the Effective Date that exacerbated environmental conditions that existed at the Core Properties or PPE as of the Effective Date.

13. Accession Agreements

- a. The Parties acknowledge and agree that they shall be fully responsible for the conduct of their representatives, contractors, consultants, developers and agents (collectively, "Contractors") performing work at the Citizens Property, and shall ensure their full compliance with all aspects of this Agreement.
- b. Any Contractor or other third-party performing work at the Citizens Property that involves grading, excavating, disturbing, moving, filling or compacting soil in any way, or building any structure, prior to January 1, 2040, and any third party acquiring any right, title, or interest in the Citizens Property through assignment, sublease, purchase or otherwise, shall be provided a copy of this Environmental Agreement and all of its attachments prior to performing any work at the Citizens Property and shall specifically execute a written Accession Agreement approved by Citizens that states:
 - i. it has read and agrees to be bound by the site restrictions, obligations and restrictions contained in Paragraphs 5, 6, 7, 8, 10, 12, and 13 of this Agreement;
 - ii. it specifically acknowledges that there are known and unknown preexisting environmental conditions at the Citizens Property;
 - iii. it specifically acknowledges that there are currently, or will be in the future, ERCs on the Citizens Property with which it will fully comply; and
 - iv. it specifically releases and waives any claims against Citizens as described in Paragraph 12 of this Agreement.
- c. Copies of all Accession Agreements executed within five (5) years of the Effective Date shall be provided to Citizens. The City acknowledges and agrees that its obligation to obtain fully-executed Accession Agreements is a critical term of this Agreement and the failure by the City to do so is a breach subject to enforcement through a request for specific performance and damages. Should any claims be asserted against Citizens as a result of the City's failure to obtain an Accession Agreement as required by this Paragraph, the City shall fully defend, indemnify

and hold harmless Citizens from any such claim and any resultant judgment or award.

- d. The obligations under this Paragraph 13 to acquire Accession Agreements shall terminate ten (10) years after Citizens deeds the Core Properties or PPE to the City, respectively. The requirements under this Paragraph 13 (i) shall not include Contractor work or services that solely involve the interior of any constructed improvement once the improvement at issue has been completed; and (ii) shall be limited to prime contractors provided that any prime contracts must contain a provision that the prime contractor's sub-contractors shall also be bound and comply with the terms of the Accession Agreement.
- e. The Parties agree that Citizens may record in the deed records for the Citizens Property a Memorandum of this Agreement.

14. No Waiver. No failure on either Party's part at any time to require the other Party's performance of any term hereof shall be taken or held to be a waiver of such term or in any way affect such Party's right to enforce such term, and no waiver on either Party's part of any term hereof shall be taken or held to be a waiver of any other term hereof or breach thereof.

15. Severability. Invalidity or unenforceability of any particular provision hereof shall not affect the other provisions, and this Agreement shall be construed in all respects as if such invalid or unenforceable provision had not been contained herein.

16. Entire Agreement: Written Modifications: Incorporated by Reference. This Agreement, in conjunction with the Project Agreement, Ground Lease, and any subsequent documentation agreed-upon by the Parties to effectuate the terms of these agreements, contains the entire understanding between the Parties with respect to environmental matters related to the Citizens' Property. All prior representations, promises, and oral agreements between the Parties with respect to environmental matters are merged hereunto and expressed herein. This Agreement shall not be amended, modified or supplemented except by written agreement signed by both Parties. Exhibits A, B.1 and B.2 are expressly incorporated by reference herein.

17. Governing Law. This Agreement shall be governed by and subject to the laws of the State of Indiana.

18. Notices. All notices and other communications hereunder, including, without limitation, all requests for approvals and notices of approvals or disapprovals, shall be in writing and shall be deemed to have been duly given if hand delivered; if emailed; if sent by certified or registered mail, return receipt requested, postage prepaid; or if sent by overnight delivery, addressed as follows:

To Citizens: Citizens Energy Group
2020 Meridian Street
Indianapolis, IN 46202-1393
Attn: Ms. Jennett M. Hill, Esq.
jhill@citizensenergygroup.com

With a Copy To: Barnes & Thornburg LLP
11 S Meridian Street
Indianapolis, IN 46204
Attn: Mr. John Kyle III, Esq.
john.kyle@btlaw.com

To the City: City of Indianapolis
Corporation Counsel
City-County Building, 1601
200 Washington St.
Indianapolis, IN 46204
Attn: Mr. Andrew J. Mallon, Esq.
andy.mallon@indy.gov

With a Copy To: Faegre Baker & Daniels
300 Meridian Street, Suite 2700
Indianapolis, IN 46204
Attn: Mr. H. Max Kelln, Esq.
h.max.kelln@faegrebd.com

or to such other address as shall be furnished in writing by either party to the other Party. All notices and other communications hereunder given in the manner provided above shall be deemed effective on the date personally delivered, two (2) days after the date deposited with the United States Postal Service or, if sent by certified mail or by overnight mail, on the date of delivery or when delivery is first attempted.

19. Public Announcements. Subject to applicable law, the content and methods of dissemination of public announcements relating to this Agreement or other agreements and understandings between the Parties will be mutually agreed upon by the Parties to the extent practicable.

20. Confidentiality. The Parties executed a Mutual Non-Disclosure Agreement on March 28, 2017, in order to facilitate the Parties' discussions regarding the Project (the "NDA"). The provisions of the NDA are hereby incorporated into this Agreement in all respects, and all information shared between the Parties shall be subject to the NDA, including the provisions regarding Common Legal Interest set forth in Section 5 of the NDA. The effectiveness and enforceability of the NDA shall be separate from and shall survive the termination of this Agreement. No other provision of this Agreement shall be construed as authorizing the disclosure of Confidential Information (as defined in the NDA) that concerns Common Legal Interest or waiving the Common Legal Interest Privilege.


21. Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same instrument. For evidentiary purposes, electronically transmitted counterparts of this Agreement shall be deemed to be originals.

[The rest of this page has been intentionally left blank.]

IN WITNESS WHEREOF, the parties have executed this Agreement as of the day and year first above written.

CITY:

CONSOLIDATED CITY OF INDIANAPOLIS
AND MARION COUNTY

By: 

Name: Andrew J. Mallon

Title: Corporation Counsel as designee
of Mayor Joseph H. Hogsett

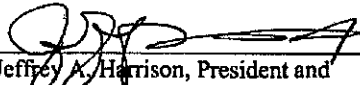
APPROVED AS TO FORM AND LEGALITY:


Corporation Counsel

(Signature Page to Environmental Agreement)

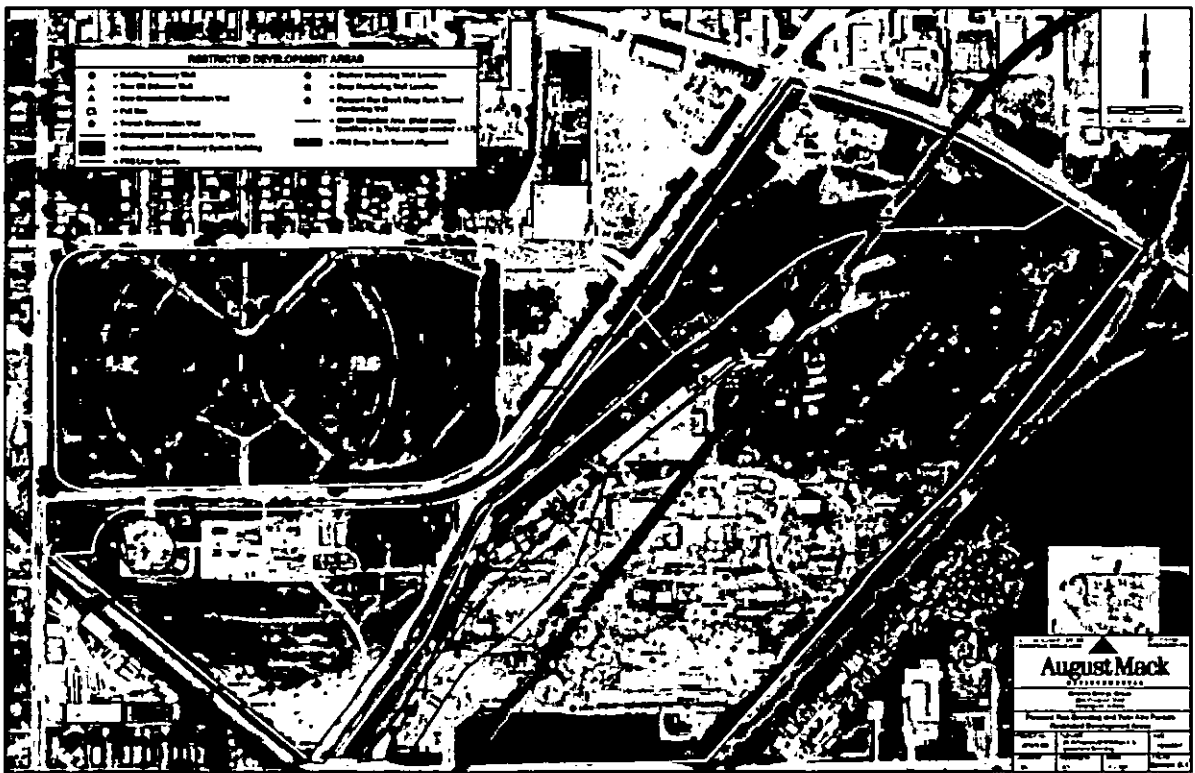
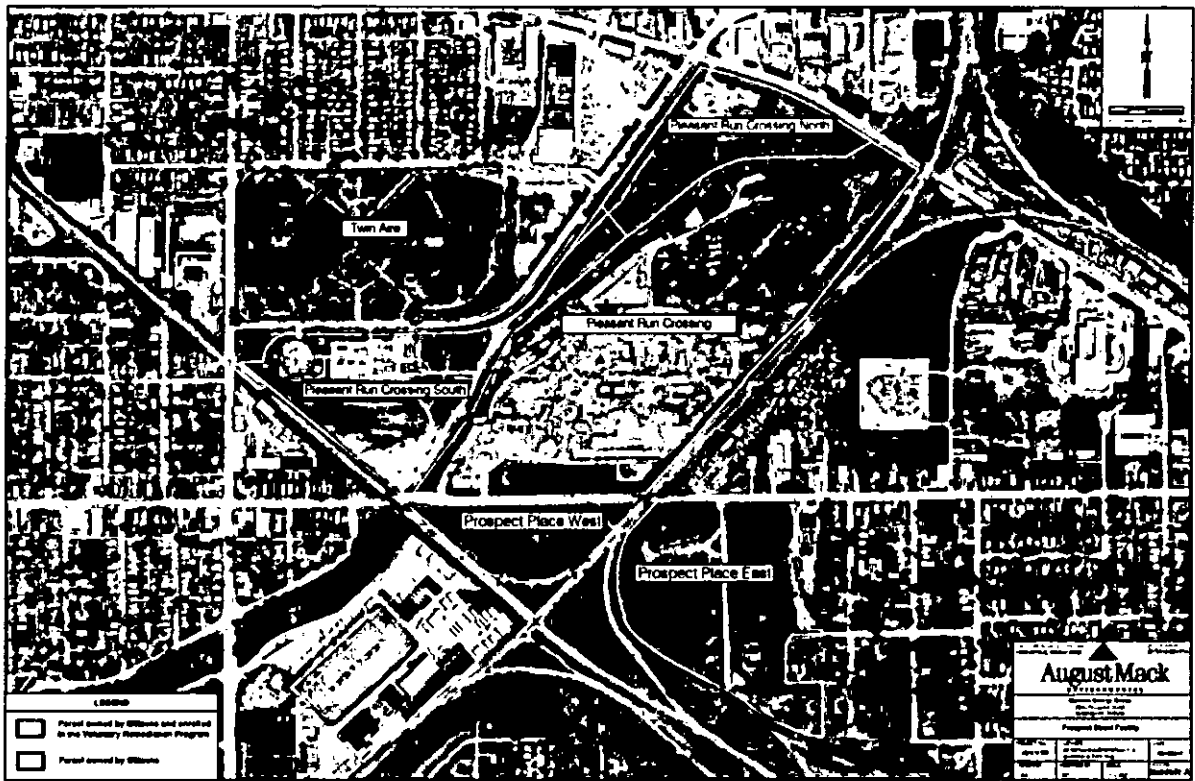
CITIZENS:

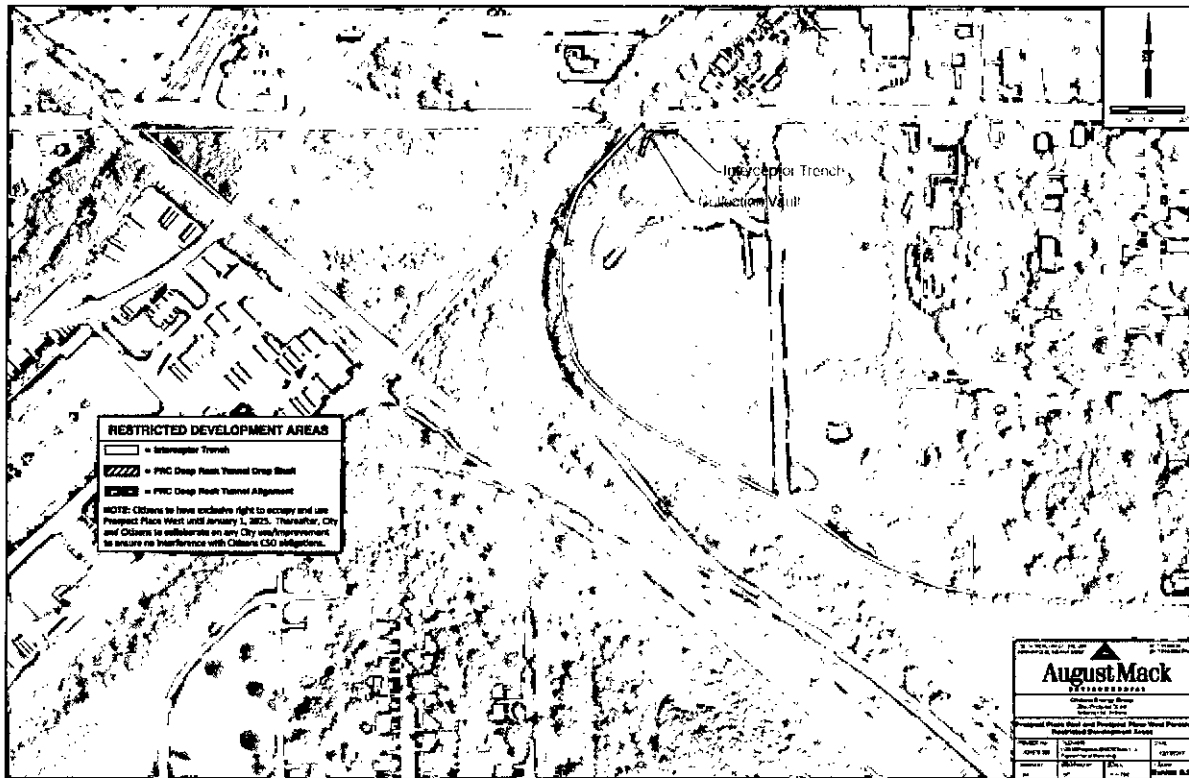
DEPARTMENT OF PUBLIC UTILITIES FOR
THE CITY OF INDIANAPOLIS, ACTING BY
AND THROUGH THE BOARD OF DIRECTORS
FOR UTILITIES, AS TRUSTEE, IN
FURTHERANCE OF A PUBLIC CHARITABLE
TRUST D/B/A CITIZENS ENERGY GROUP



Jeffrey A. Harrison, President and
Chief Executive Officer

(Signature Page to Environmental Agreement)





MUTUAL **NON-DISCLOSURE AGREEMENT**

This Mutual Non-Disclosure Agreement (this "**Agreement**") is entered into on March 28th, 2017 by and between the City of Indianapolis, Indiana, and its agent, the Indianapolis Local Public Improvement Bond Bank (together, the "**City**") and the Department of Public Utilities for the City of Indianapolis, acting by and through the Board of Directors for Utilities, as Trustee, in furtherance of a Public Charitable Trust d/b/a Citizens Energy Group ("**Citizens**"), each individually a "**Party**" and, together, the "**Parties**".

RECITALS

WHEREAS, each of the Parties possesses and plan to exchange certain confidential information, including proprietary information;

WHEREAS, in connection with the evaluation, consideration and potential consummation of a transaction between the Parties related to the proposed development by the City or other entities acting in agreement with, and on behalf of the City, of a Community Justice Campus on real property owned by Citizens (collectively, the "**Transaction**"), Confidential Information (as defined in Section 1) in the possession of one Party may become available to the other Party; and

WHEREAS, each Party desires to prevent the unauthorized use and disclosure of Confidential Information in its possession;

NOW THEREFORE, in consideration of these premises and for other good and valuable consideration, the receipt of which is hereby acknowledged, the Parties agree as follows:

1. Confidential Information. For purposes of this Agreement, "**Confidential Information**" shall include any information which is provided by the Receiving Party or the directors, officers, employees, agents, advisors, contractors or subcontractors (individually and collectively, "**Representative(s)**") of the Receiving Party or its affiliates or related parties acting in connection with the Transaction by the Disclosing Party, the Disclosing Party's Representatives or any of its affiliates or related parties in connection with the Transaction. Confidential Information includes, but is not limited to, documentation, studies, memoranda and other documents (including environmental data, reports and materials), discoveries, ideas, concepts, drawings, specifications, diagrams, flow charts, or information regarding the Disclosing Party's business, finances, customers, real or personal property, prospects, employees, operations, strategies, products, processes, know-how, inventions, designs, methods, systems, improvements, trade secrets, technology, software and/or data (including not only written information but also transferred orally, visually, electronically or by any other means). Confidential Information also includes analyses and/or any other internal memoranda, reports or other documents prepared by either Party or their Representatives which are derived from, or includes, portions of, the Confidential Information.

2. Nondisclosure Obligation. Subject to the provisions of this Agreement, the Receiving Party shall safeguard and keep confidential the Confidential Information of the

Disclosing Party and, without the prior written consent of the Disclosing Party, shall not disclose to any third party any or all such Confidential Information, nor permit any such third party to have access to such Confidential Information, nor use such Confidential Information for any purpose other than the Transaction. In addition, the Receiving Party shall only disclose such Confidential Information to its Representatives who need to know such Confidential Information in order to analyze the Transaction or to make decisions or render advice in connection therewith. Prior to disclosing any Confidential Information to a Representative, affiliate or related party, the Receiving Party shall require its Representative, affiliate or related party to execute a written agreement acknowledging and agreeing to be bound by the terms of this Agreement in form attached as Exhibit A (individually and collectively, an "**Accession Agreement**"). The Receiving Party shall remain responsible for any breach of this Agreement by any of its Representatives, affiliates or related parties regardless whether the Representative executes an Accession Agreement.

3. Exceptions. All Confidential Information of the Disclosing Party obtained by the Receiving Party or its Representatives, affiliates or related parties shall be presumed to be and treated as confidential and not subject to disclosure. However, the confidentiality requirements of this Agreement shall not apply to any Confidential Information which the Receiving Party can demonstrate falls within any of the following exceptions:

(a) Confidential Information which has come within the public domain through no fault of or action by the Receiving Party or its Representatives, affiliates or related parties; or

(b) Confidential Information which is in the possession of the Receiving Party or one of its affiliates at the time of disclosure by the Disclosing Party or which is independently discovered by the Receiving Party or one of its affiliates without the aid, application or use of the Confidential Information; or

(c) Confidential Information which is obtained by the Receiving Party or one of its affiliates from any third party which is lawfully in possession of such Confidential Information and not in violation of any contractual or legal obligation to the Disclosing Party with respect to such Confidential Information.

4. Access to Public Records Act. The City and Citizens acknowledge each is a "public agency" as defined in Indiana Access to Public Records Act, IC 5-14-1 *et seq.*, (the "**APRA**") and have obligations under the APRA to disclose "public records" to third parties under certain circumstances. The City and Citizens further acknowledge and agree that: (i) they will comply with provisions of the APRA that prohibit disclosure of Confidential Information that meets an exception identified under IC 5-14-3-4(a); and (ii) each are exercising their discretion to except Confidential Information that complies with sections (2), (8), (19) or another exception that may be applicable under IC 5-14-3-4(b) from disclosure by their mutual execution of this Agreement. The Parties agree to use their best efforts to cooperate in discharging obligations under this Agreement with respect to Confidential Information that may be subject to disclosure under the APRA, provided that each Party must provide written notice of any third party request for disclosure of any Confidential Information pursuant to the APRA or similar law within fifteen (15) business days of receiving the request (a "**Public Records Request**"). As

soon as practical thereafter, the Parties agree to confer as to whether Confidential Information must be legally produced in response to the Public Records Request. While conferring with regard to whether Confidential Information must be produced in response to a Public Records Request, the Parties shall consider and balance their mutual commitment to public transparency with their joint goal of consummating the Transaction in a manner that maximizes and promotes the public interest. The Party served with the Public Records Request shall not disclose the Confidential Information unless the Parties mutually agree the Public Records Request requires disclosure of the Confidential Information, unless compelled to do so as provided in paragraph 6. This Agreement shall not be considered Confidential Information and may be disclosed pursuant to a Public Records Request.

5. Common Legal Interest. The City and Citizens acknowledge the Transaction will involve negotiations with the State of Indiana (the "**State**"), the Indiana Department of Environmental Management ("**IDEM**") and the Indiana Utility Regulatory Commission ("**IURC**") that will involve mutuality of legal interest between the City and Citizens which may result in the Parties asserting common legal positions with respect to potential litigation or regulatory proceedings, including but not limited to certain matters that are material to the negotiation, development, execution and completion of the Transaction (collectively, the "**Common Legal Interest**"). Accordingly, the City and Citizens desire to work together on matters of Common Legal Interest with respect to the Transaction without waiving applicable rules of privilege and confidentiality vis-à-vis the State, IDEM, IURC or other third parties. By mutual execution of this Agreement, the Parties intend that all communications between the Parties and their respective agents that involve Common Legal Interest shall be confidential and protected from disclosure to any third party by each Party's attorney-client privilege, each Party's attorney's work-product doctrine immunity from discovery, the "joint defense doctrine" and any other applicable legal privilege or protection including the self-evaluation privilege (collectively, the "**Common Legal Interest Privilege**"). The Parties intend the Common Legal Interest Privilege to extend to any Confidential Information that concerns Common Legal Interest. No other provision of this Agreement shall be construed as to authorizing the disclosure of Confidential Information that concerns Common Legal Interest or waiving the Common Legal Interest Privilege.

6. Compelled Disclosure. In the event the Receiving Party, or any of its Representatives to whom Confidential Information has been disclosed becomes legally compelled through legal action filed in a court of competent jurisdiction to disclose any of the Confidential Information (whether through oral questions, interrogatories, requests for information or documents, subpoena, civil investigative demand or other similar process), the Receiving Party shall provide the Disclosing Party with prompt notice so that the Disclosing Party may seek (at the Disclosing Party's sole cost and expense) a protective order or other appropriate remedy and/or waive compliance with the provisions of this Agreement. In the event such protective order or other remedy is not obtained or the Disclosing Party waives compliance with the provisions hereof, the Receiving Party, or its Representatives, shall furnish only that portion of the Confidential Information which is legally required to be disclosed and shall exercise its reasonable efforts to obtain reliable assurance that confidential treatment shall be accorded the Confidential Information.

7. No Right to Confidential Information. All Confidential Information shall remain the exclusive property of the Disclosing Party. No license or any other rights are granted by this Agreement or by any disclosure made under this Agreement. The disclosure of Confidential Information hereunder shall not result in any obligation on the part of either Party to enter into any future agreement relating to such Confidential Information or to undertake any other obligation not set forth in a written agreement signed by the Parties hereto. It is understood that nothing herein shall prevent either Party from entering into any relationship with any third party, nor prevent either Party from proceeding independently of the other, nor limit or restrict either Party from continuing to use its Confidential Information, as long as such activities do not constitute a breach of any of the obligations set forth in this Agreement.

8. Remedies. Due to the unique nature of the Confidential Information, the Parties understand that the Disclosing Party will suffer irreparable harm in the event of any breach of this Agreement by the Receiving Party or its Representatives, and that monetary damages will be inadequate to compensate the Disclosing Party for any such breach. Accordingly, the Parties agree that the non-breaching Party will, in addition to any other remedies available at law or in equity, be entitled to seek injunctive relief to enforce the terms of this Agreement.

9. Assignment. Neither Party shall be entitled to assign its rights hereunder without the express written consent of the other Party, which consent shall not be unreasonably withheld, denied or conditioned.

10. Severability. The provisions contained in this Agreement are severable and in the event any provision shall be held to be invalid or unenforceable or overbroad, in whole or in part, by a court of competent jurisdiction, the remainder of such provision and of this Agreement shall not be affected thereby and shall be given full force and effect. No failure or delay in exercising any right, power or privilege hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any right, power or privilege granted hereunder preclude any other or further exercise of the same.

11. Entire Agreement. This Agreement contains all the representations and agreements between the Parties relating to the Confidential Information any representation, promise, or condition concerning the same which is not contained herein or in a superseding written agreement referring to this Agreement shall not be binding on either Party hereto.

12. Amendment. No modification of this Agreement or any of its terms shall be effective unless in writing signed by the authorized representatives of both of the Parties.

13. Notice. Any notice or demand to be given under this Agreement shall be in writing and may be given by personal delivery, by facsimile transmission, by a nationally recognized overnight delivery service, or by United States mail, postage prepaid, sent certified or registered, and addressed to the addresses set forth on the signature page hereof, or to such other address as either Party may hereafter designate in writing.

14. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be an original and together shall be considered one and the same agreement. This Agreement shall become effective when counterparts have been signed by each Party and

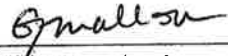
delivered to the other Party, it being understood that the Parties need not sign the same counterpart. For evidentiary purposes, faxed or electronically transmitted counterparts of this Agreement shall be deemed to be originals.

15. Governing Law. This Agreement shall be governed by and construed in accordance with the law of the State of Indiana.

16. Term and Termination. This Agreement shall commence on the date first written above and continue in full force and effect until the first to occur of the following events: (1) ten (10) years following the written termination of discussions between the Parties regarding the Transaction, or (ii) the date of execution by the Parties of a superseding written agreement regarding the Transaction. In the event there is a written termination of discussions regarding the Transaction, each Party shall return or dispose of all Confidential Information, regardless of form or medium, in the Party's possession, custody or control in a manner requested by the Disclosing Party to the extent consistent with governing law.

IN WITNESS WHEREOF, the City and Citizens have caused this Agreement to be signed by their respective duly authorized representatives as of the date first written above.

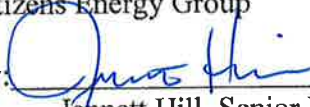
The City of Indianapolis

By: 
Print Name: Andrew J. Mallon
Title: Corporation Counsel

Address:

1601 City-County Building
200 East Washington Street
Indianapolis, Indiana 46204

Citizens Energy Group

By: 
Jennett Hill, Senior Vice President
and General Counsel

Address:

2020 N. Meridian Street
Indianapolis, Indiana 46202

EXHIBIT 6 – Accession Agreements

FORM OF ACCESSION AGREEMENT – NON-DISCLOSURE AGREEMENT

THIS ACCESSION AGREEMENT ("**Agreement**") dated as of _____, 2018, executed and delivered by _____ (the "**DESIGN-BUILDER**"), in favor of the City of Indianapolis, Indiana, and its agent, the Indianapolis Local Public Improvement Bond Bank (together, the "**Client**").

WHEREAS, the DESIGN-BUILDER has agreed to provide certain goods or services related to the Transaction on behalf of the Client;

WHEREAS, the Client has assumed certain obligations associated with Confidential Information regarding the Transaction as set forth in the Mutual Non-Disclosure Agreement (the "**NDA**") attached to the Design-Build Contract as Exhibit 5;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the DESIGN-BUILDER and the Client, the DESIGN-BUILDER agrees as follows:

Section 1. The NDA. Capitalized terms used herein and not otherwise defined herein shall have their respective defined meanings given them in the NDA.

1.1 Accession to NDA. DESIGN-BUILDER hereby agrees to be bound by the Client's obligations under the NDA with respect to any Confidential Information provided to DESIGN-BUILDER in connection with its work on the Transaction. DESIGN-BUILDER also agrees that either of the Parties to the NDA shall have the right to enforce the obligations DESIGN-BUILDER is assuming in this Agreement and pursue the remedies described in Section 8 of the NDA against DESIGN-BUILDER. DESIGN-BUILDER will only be liable pursuant to this Agreement for acts or omissions of the DESIGN-BUILDER, or its employees, subcontractors, consultants, developers, or agents. The provisions of this Agreement are meant to supplement, but not modify, amend, change, conflict with or in any way alter any other agreement between Client and DESIGN-BUILDER.

Section 2. GOVERNING LAW. THIS AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED AND ENFORCED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF INDIANA APPLICABLE TO CONTRACTS EXECUTED, AND TO BE FULLY PERFORMED, IN INDIANA. ALL ASPECTS OF THIS AGREEMENT SHALL BE INTERPRETED AND ENFORCED PURSUANT TO THE APPLICABLE PROVISIONS OF THE PROJECT AGREEMENTS.

Section 3. Assignment. DESIGN-BUILDER'S obligations in this Agreement are not assignable or otherwise transferable without the written consent of Client.

[Signatures on following page.]

IN WITNESS WHEREOF, the DESIGN-BUILDER has caused this Agreement to be duly executed and delivered under seal by its duly authorized officers as of the date first written above.

DESIGN-BUILDER

By: _____
Name: _____
Title: _____

Address for Notices:

Accepted:

CLIENT

By: _____
Name: _____
Title: _____

FORM OF ACCESSION AGREEMENT – ENVIRONMENTAL AGREEMENT

THIS ACCESSION AGREEMENT ("**Accession Agreement**") dated as of _____, 2018, executed and delivered by _____, (the "**DESIGN-BUILDER**"), in favor of the City of Indianapolis, Indiana, and its agent, the Indianapolis Local Public Improvement Bond Bank (together, the "**Client**").

WHEREAS, the DESIGN-BUILDER has agreed to provide certain construction services related to grading, excavating, disturbing, moving, filling, or compacting soil or building of structures at the Citizens Property;

WHEREAS, Citizens Energy Group ("Citizens") and the Client have entered into an Environmental Agreement, dated December 17, 2017 (the "**Environmental Agreement**") which is attached to the Design-Build Contract as Exhibit 3 and incorporated herein by reference;

WHEREAS, pursuant to Paragraph 13 of the Environmental Agreement, the Client has agreed that any contractor or other third-party performing work at the Citizens Property that involves grading, excavating, disturbing, moving, filling or compacting soil in any way, or building any structure, shall be provided a copy of this Environmental Agreement and all of its attachments prior to performing any work at the Citizens Property and shall specifically execute a written Accession Agreement approved by Citizens.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the DESIGN-BUILDER and the Client, the DESIGN-BUILDER agrees as follows:

Section 4. The Environmental Agreement. Capitalized terms used herein and not otherwise defined herein shall have their respective defined meanings given them in the Environmental Agreement.

Section 5. Accession to the Environmental Agreement. As described in Paragraph 13 of the Environmental Agreement, the DESIGN-BUILDER (including its representatives, subcontractors, consultants, developers, and agents):

5.1 Has read and agrees to be bound by the site restrictions, obligations, and restrictions contained in the following Paragraphs 5, 6, 7, 8, 10, 12 and 13 (and their subparts) of the Environmental Agreement:

Paragraph 5: Restrictions on Development

Paragraph 6: Land Use and Activity Restrictions

Paragraph 7: Access to Perform Remediation Activities

Paragraph 8: Lease and Transfer of Title

Paragraph 10: Contractors Insurance

Paragraph 12: Environmental Liabilities

Paragraph 13: Accession Agreements

5.2 DESIGN-BUILDER will only be liable pursuant to this Agreement for acts or omissions of the DESIGN-BUILDER, or its employees, subcontractors, consultants, developers, or agents. The provisions of this Agreement are meant to supplement, but not modify, amend, change, conflict with or in any way alter any other agreement between Client and DESIGN-BUILDER.

5.3 The DESIGN-BUILDER understands that the Client is required to provide a copy of this Agreement to Citizens pursuant to the Environmental Agreement.

Section 6. Governing Law. This Accession Agreement shall be governed by, and construed and enforced in accordance with the laws of the State of Indiana.

Section 7. Assignment. The DESIGN-BUILDER's obligations in this Accession Agreement are not assignable or otherwise transferable without the written consent of Client and such consent shall not be provided unless and until the assignee agrees to this Accession Agreement in writing. If Client consents to an assignment, it will notify Citizens of such assignment in writing, provide the reason therefor, and shall provide an Accession Agreement executed by the assignee to Citizens.

IN WITNESS WHEREOF, the DESIGN-BUILDER and, if applicable, its subcontractors hereby cause this Accession Agreement to be duly executed and delivered by its duly authorized officers as of the date first written above.

DESIGN-BUILDER

By: _____

Name: _____

Title: _____

Address for Notices:

EXHIBIT 7 – Subcontractor’s Disclosure Statement

Prospect Facility
2950 East Prospect Street
Indianapolis, IN
July 2018

_____ (subcontractor or representative) hereby confirms that the subcontractor has read, understands, and will conduct site work in accordance with the “Soil Management Plan,” which Citizens will be required to record as part of the ERC on the Deed to the property located at 2950 East Prospect Street, Indianapolis, IN.

Authorized Signature

Date

Name and Title (Please Type or Print)

EXHIBIT 8 - SOIL MANAGEMENT PLAN



SOIL MANAGEMENT PLAN

Pleasant Run Crossing/Prospect Place
2950 East Prospect Street
Indianapolis, Indiana
Voluntary Remediation Program Number
6050203

August Mack Project Number JR0576.380

SUBMITTED TO:

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TABLE OF CONTENTS

1.0 OBJECTIVE.....	1
2.0 INTRODUCTION.....	1
2.1 Property Description	2
2.2 Historical Land Use	2
2.3 Prior Investigations.....	3
3.0 SOIL CHARACTERIZATION	3
3.1 Description of Soil Impacts.....	4
3.1.1 Pleasant Run Crossing North.....	4
3.1.2 Pleasant Run Crossing South	4
3.1.3 Pleasant Run Crossing.....	5
3.1.4 Prospect Place East.....	6
3.2 Potential for Exposure to Impacted Soils.....	6
3.2.1 Inhalation Exposure Pathway	6
3.2.2 Ingestion Exposure Pathway	6
3.2.3 Dermal Exposure Pathway	7
4.0 SOIL MANAGEMENT PLAN.....	7
4.1 SMP Process Diagram	8
4.1.1 Level 1 Soil	8
4.1.2 Level 2 Soil	9
4.1.3 Level 3 Soil	10
4.1.4 Level 4 Soil	10
4.2 Health and Safety Plan.....	11
4.2.1 PPE Requirements.....	12
4.2.2 Odor Control/Dust Control Plan	12
4.2.3 Air Monitoring Requirements.....	12
4.2.4 Decontamination Plan	12
4.3 Stormwater and Erosion Control.....	12
4.4 Water Management	13
4.5 Excavation Soil Handling and Stockpiling.....	13
4.5.1 Soil Segregation/Stockpile Management	13

4.5.2 On-Site Transportation.....	14
4.5.3 Off-Site Removal/Waste Manifests.....	14
4.5.4 Waste Minimization.....	14
4.5.5 Final Restoration	15
4.6 Contingency Plan for Newly Encountered Impacts	15
4.7 Imported Soil Verification	15
5.0 ASSUMPTIONS.....	16

FIGURE

Figure 1 – Pleasant Run Crossing and Prospect Place East Property Map

ATTACHMENTS

- Attachment A – Contractors Disclosure Statement**
- Attachment B – Soil Boring and Monitoring Well Locations Figures**
- Attachment C – Lithological Boring Logs**
- Attachment D – Soil and Groundwater Analytical Results**
- Attachment E – SMP Process Diagram**

1.0 OBJECTIVE

This Soil Management Plan (SMP) has been prepared to provide procedures for managing potentially impacted soils during excavation, construction, and any other activities that may disturb soils within the Citizens Energy Group (Citizens) former MGP property at 2950 East Prospect Street in Indianapolis, Indiana and the Prospect Place East property (collectively, “Site”) at 3303 Prospect Street in Indianapolis, Indiana. Corrective actions and remediation work that is being conducted as part of the approved RWP for the Site will have defined goals and objectives and will not utilize the procedures established in this SMP for decision making. The SMP addresses soil disposal and management protocols and worker health and safety when handling soils during non-corrective action/remediation activities (i.e. general construction during redevelopment, future maintenance activities, other non-remediation Site work, etc.)

There is currently no guidance for the development of SMPs, so the procedures outlined in this SMP have been developed based on standard soil management practices and discussions with IDEM on to Site-specific subsurface conditions identified during environmental investigation activities. A Site map demarcating the applicable land area for which this SMP applies has been provided in **Figure 1**.

Unless earth work activities involve imported material as described in Section 4.7, any and all contractors conducting earth work activities at the Site shall execute the Contractor’s Disclosure Statement, **Attachment A**, acknowledging their understanding of and compliance with this SMP. In addition, any contractor/developer shall provide IDEM with advance written notice of its intent to implement the SMP at the Site unless the soil disturbance activities are “de minimis.”

2.0 INTRODUCTION

Citizens operated a manufactured gas plant from 1909 until 2007. Over the course of its operation, the former plant produced manufactured gas which was distributed to gas customers through the Citizens gas utility distribution system. The former plant also produced metallurgical coke and other byproducts. Citizens utilized Prospect Place East for coke storage. Citizens enrolled Pleasant Run Crossing, Pleasant Run Crossing North, Pleasant Run Crossing South and Prospect Place East in the IDEM VRP in 2005 to address historic environmental impacts associated with historic operations. At the time this SMP was prepared, Pleasant Run Crossing, Pleasant Run Crossing North, and Pleasant Run Crossing South were undergoing investigation and remediation under the oversight of the IDEM Voluntary Remediation Program (VRP) and Prospect Place East had already completed remediation.

2.1 Property Description

Prior to 2017, the Site, which encompasses approximately 109 acres, was divided into 5 parcels, designated by their historic use during the operation of the former manufactured gas plant (Gas Supply, Southeastern, Coal Storage, Batteries & By-Products, and South 40). In 2017, Citizens rebranded its former coke and manufactured gas site on Prospect Street as Pleasant Run Crossing and Prospect Place. Accordingly, the parcel names were updated to the following:

Original Parcel Designation	Updated Parcel Designation
Gas Supply	Pleasant Run Crossing South
Southeastern	Pleasant Run Crossing North
Coal Storage	Pleasant Run Crossing
Batteries & By-Products	
South 40	Prospect Place East

The boundaries and approximate acreages for each of the parcels are depicted on **Figure 1**.

Pleasant Run Crossing, Pleasant Run Crossing North, and Pleasant Run Crossing South are bounded by Prospect Street on the south, Keystone Avenue on the west, Pleasant Run Parkway and Southeastern Avenue on the north, and the Belt railway on the east. All of the immediately adjacent property is commercial or industrial in nature.

Prospect Place East is bordered by Prospect Street to the north and railroad tracks to the west and south. Light industrial property (Shelby Coatings, Inc., which is abandoned) borders Prospect Place East to the east. Residential properties are located further east of these commercial/light industrial properties.

2.2 Historical Land Use

Citizens purchased its first parcel of land on Prospect Street consisting of 21.36 acres in 1908. Gas production began on March 31, 1909, utilizing a water gas plant, and coke production began later that year. Additional land purchases were made until 1946, at which point the facility encompassed the 109-acres of land that the Site occupies today. Operations at the facility included the following:

- Handling facilities for receiving, storing, and mixing coal;
- Four 25-oven by-product coke batteries and one 40-oven coke battery;
- Coke handling facilities including quenching, screening, storing, and loading equipment;
- By-product facilities for cleaning coke oven gas, collecting/storing tar, and ammonia;
- Coke Oven Gas holders with a capacity of approximately 4 million cubic feet;
- Water gas manufacturing facilities and holder;

- Power house facilities for the production of steam and electric power;
- Benzol/Toluol plant for the separation of benzol and toluol from coal tar;
- Cyanogen Plant for the manufacture of feed stocks for the dye industry;
- Maintenance Facilities; and
- Infrastructure including rail lines, dam on Pleasant Run Creek, water and sewer.

Citizens never conducted manufacturing operations on the Prospect Place East Parcel. The manufactured gas plant was shut down July 13, 2007 and demolition activities were conducted from 2012 to 2017.

2.3 Prior Investigations

Citizens has performed several phases of environmental investigation at the Site pursuant to Resource Conservation and Recovery Act (RCRA) corrective action provisions, the IDEM VRP, and other environmental programs since the 1980's. Citizens conducted comprehensive investigations of surface soil, subsurface soil, and groundwater conditions from 2010 to 2017. Detailed descriptions of Site investigations are presented in the *Pleasant Run Crossing Remediation Work Plan*, which was submitted to IDEM in July 2017, and the *South 40 Remediation Work Plan*, which was submitted to IDEM in April 2010. Citizens conducted investigation of the following environmental media at the three Pleasant Run Crossing parcels and the Prospect Place East parcel; surface soils, subsurface soils, and groundwater. A summary of investigation activities to date is included below.

Investigation Summary			
Parcel	Soil Borings	Surface Soil Samples	Soil Samples
Pleasant Run Crossing South	143	122	190
Pleasant Run Crossing North	45	297	106
Pleasant Run Crossing	167	50	300
Prospect Place East	29	0	44
Totals	384	469	640

All soil boring and monitoring well locations on the Site are depicted on the figures included as **Attachment B**. Lithologic boring logs associated with investigation activities are included as **Attachment C**. Soil and groundwater analytical results are included as **Attachment D**.

3.0 SOIL CHARACTERIZATION

Surface soil, subsurface soil, and groundwater throughout the Site has been impacted as a result of the former manufactured gas plant operations. The majority of impacts includes volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), metals (arsenic and lead), and cyanide. In addition, several areas of non-aqueous phase

liquid (NAPL) have been identified in subsurface soils at the Site. The characterization of impacts to soil and groundwater presented below is based on the results of the extensive groundwater and soil sampling on the parcels described in Section 2.3.

3.1 Description of Soil Impacts

Soil analytical results from the sampling performed in each parcel have been compared to 2017 IDEM Remediation Closure Guide (RCG) Residential Direct Contact Screening Levels, Commercial/Industrial Direct Contact Screening Levels, and Excavation Worker Screening Levels. These screening criteria are being utilized as conservative values for raising awareness and decision making regarding potential risk to future receptors and management of soils excavated during future Site activities. Contractors shall evaluate and comply with all applicable OSHA standards (e.g., Permissible Exposure Levels, Hazard Communication, Excavations, etc.) as necessary to protect their workers during implementation of Site work. Potential contaminants occurring in each parcel above the IDEM soil screening levels are described below.

3.1.1 Pleasant Run Crossing North Surface Soil

The following potential contaminants were observed in the surface soils in this parcel above the IDEM Commercial/Industrial Direct Contact Screening Level:

- PAHs - benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, dibenz[a,h]anthracene, and indeno[1,2,3-cd]pyrene; and
- Metals – arsenic, lead, and mercury.

The following potential contaminants were observed in the surface soils in this parcel above the IDEM Excavation Worker Screening Level:

- Metals – lead and mercury.

Subsurface Soil

The following potential contaminants were observed in subsurface soils above the IDEM Commercial/Industrial Direct Contact Screening Level:

- Metals – arsenic, iron, lead, and mercury.

The following potential contaminants were observed in subsurface soils above the IDEM Excavation Worker Screening Level:

- Metals – iron, lead, and mercury.

3.1.2 Pleasant Run Crossing South Surface Soil

The following potential contaminants were observed in the surface soils in this parcel above the IDEM Commercial/Industrial Direct Contact Screening Level:

- PAHs - benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, dibenz[a,h]anthracene, indeno[1,2,3-cd]pyrene, and naphthalene; and

- Metals – arsenic, iron, lead, and mercury.

The following potential contaminants were observed in the surface soils in this parcel above the IDEM Excavation Worker Screening Level:

- PAHs - benzo[a]pyrene; and
- Metals – iron, lead, and mercury.

Subsurface Soil

The following potential contaminants were observed in subsurface soils above the IDEM Commercial/Industrial Direct Contact Screening Level:

- VOCs - benzene and xylene;
- PAHs - benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, dibenz[a,h]anthracene, indeno[1,2,3-cd]pyrene, and naphthalene; and
- Metals - arsenic and mercury.

The following potential contaminants were observed in subsurface soils above the IDEM Excavation Worker Screening Level:

- VOCs - xylene;
- PAHs - benzo[a]pyrene and naphthalene; and
- Metals – mercury.

In addition to the above potential contaminants, NAPL has been observed intermittently within the soil matrix at depths ranging from 2 feet below grade (ft bg) to 22 ft bg in the central portion of Pleasant Run Crossing South.

3.1.3 Pleasant Run Crossing

Surface Soil

The following potential contaminants were observed in the surface soils in this parcel above the IDEM Commercial/Industrial Direct Contact Screening Level:

- PAHs - benzo[a]pyrene and dibenz[a,h]anthracene; and
- Metals – lead and mercury.

The following potential contaminants were observed in the surface soils in this parcel above the IDEM Excavation Worker Screening Level:

- Metals – mercury.

Subsurface Soil

The following potential contaminants were observed in the subsurface soils in this parcel above the IDEM Commercial/Industrial Direct Contact Screening Level:

- VOCs – benzene;
- PAHs - benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, dibenz[a,h]anthracene, indeno[1,2,3-cd]pyrene, and naphthalene;

- Metals – mercury; and
- Inorganics – WAD cyanide.

The following potential contaminants were observed in the subsurface soils in this parcel above the IDEM Excavation Worker Screening Level:

- PAHs - benzo[a]pyrene and naphthalene; and
- Metals – mercury.

In addition to the above potential contaminants, NAPL has been observed intermittently within the soil matrix at depths ranging from 2 feet below grade (ft bg) to 42 ft bg in the central portion of Pleasant Run Crossing.

3.1.4 Prospect Place East Surface Soil

Surface soil samples were not collected as part of investigation efforts at this parcel.

Subsurface Soil

The following potential contaminants were observed in the subsurface soils in this parcel above the IDEM Commercial/Industrial Direct Contact Screening Level:

- PAHs - benzo[a]pyrene (limited to one sample).

No impacts were observed in the subsurface soils in this parcel above the IDEM Excavation Worker Screening Level.

3.2 Potential for Exposure to Impacted Soils

During earth work activities, exposure to subsurface soils is possible. Therefore, the following analysis of potential exposure pathways is focused on a construction scenario.

3.2.1 Inhalation Exposure Pathway

Inhalation of COCs can occur as a result of either volatilization of certain organic compounds (i.e. VOCs) or inhalation of airborne soil particles. These exposures may be exacerbated during construction activities by vehicular traffic or excavation activities that can release dust into the air. Excavation can also expose volatile compounds that were otherwise covered, increasing the potential for vaporization of those compounds.

3.2.2 Ingestion Exposure Pathway

Incidental ingestion of soils at the ground surface is possible as a result of blowing dust or by eating or drinking with hands that have been in contact with the soil. The risk of incidental ingestion may increase during construction activities as subsurface soils are exposed and the potential for dust increases.

3.2.3 Dermal Exposure Pathway

Similar to the ingestion pathway, general dermal exposure would only be expected for surface soils under a non-construction scenario. However, during construction, the potential for dermal exposures increase as subsurface soils become exposed.

4.0 SOIL MANAGEMENT PLAN

The practices described in this SMP shall be executed to ensure the general safety of all workers on Site, minimize worker exposure to impacted soils, and protect surrounding properties from potential environmental impacts. This SMP specifies soil management protocols, specifically (1) worker protection requirements and (2) soil handling and disposal requirements, based upon the type and magnitude of impacted soil that exists in the area to be disturbed. Because the levels of impacts vary across the Site, an SMP Process Diagram (**Attachment E**) has been provided to help guide soil management decisions for contractors planning earth work activities.

Waste Characterization

Over the course of the operational history of the Site, hazardous wastes (both listed and characteristic) were generated and managed on-Site. Since the source of soil impacts cannot be definitively identified as a listed hazardous waste stream, waste soil for disposal is subject to the solid waste regulations for determining if the waste material is a characteristic hazardous waste. In accordance with 40 CFR 261.24, MGP wastes (such as impacted soil from the Site) are exempt from being considered characteristically hazardous for the toxicity characteristic. Therefore, waste soil generated from the Site need only be considered characteristically hazardous based upon ignitability, corrosivity, or reactivity characteristics.

Data Adequacy

As previously stated, the purpose of this SMP is to protect workers and properly manage potentially impacted soil. Because the appropriate protections and procedures will depend on the amount of impacts in the soil where the specific construction, excavation, or other soil disturbing activities will be occurring, the available sampling results for such specific areas must be consulted to determine if the existing data is sufficient or if additional data must be obtained.

To determine if the existing data is sufficient or if additional data must be obtained, the locations, depths, and results from previous sampling events must be compared to the location, aerial extent, and depth of each specific soil disturbing project. If, based on best professional judgment, the amount of existing data adequately identifies the potential contaminant concentrations in the soil that will be disturbed for the specific project in question, then additional samples are not required. However, if there are no samples in

the area in question, the number of samples are too few based on the size of the project area, or the samples do not represent the depths at which work will occur, then additional samples should be obtained. The location and number of additional samples can be based on best professional judgment or by using a systematic sampling approach.

Safety

In addition to the hazards generally posed by earth moving activities, the hazards posed by earth moving activities at the Site include potential exposure to impacts in the soil. Therefore, prior to performing any soil disturbing activities, the potential hazards of the area and the work to be performed must be evaluated by a competent person to determine appropriate safety measures and employees performing the soil disturbing activities must be appropriately trained. Such measures should include communication of the identified hazards and methods to protect employees from those hazards (e.g., personal protective equipment, comply with the hazard communication program requirements, etc.).

4.1 SMP Process Diagram

The following sections describe the levels of impacts that exist at the Site and the corresponding soil management requirements.

4.1.1 Level 1 Soil

As described in Section 3.0, residual NAPL (e.g. tar and/or oil) has been identified in soil and groundwater at selected locations across the Site. NAPL presents the greatest potential acute risk for on-Site personnel and soils impacted with NAPL are considered to be the most impacted materials on-Site. Accordingly, soils that are known to be impacted with or have the potential to be impacted with NAPL, **Level 1 Soil**, require the highest level of worker protection and soil management.

Earth work shall be managed in accordance with **Level 1 Soil** requirements if (1) the contractor chooses not to review historic Site data to determine presence/absence of impacts in the area to be disturbed, (2) existing data is inadequate for determining the presence/absence of impacts in the area to be disturbed and the contractor chooses not to collect additional data for characterization, (3) physical evidence of NAPL is known to be present in the area to be disturbed, or (4) physical evidence of NAPL is observed during Site work. Any contractor disturbing **Level 1 Soil** shall comply with the following requirements:

- Worker Protection Requirements
 - All personnel involved with the Site work shall have up-to-date 40-hour Hazardous Waste Operations and Emergency Response

(HAZWOPER) training as required under 29 Code of Federal Regulations (CFR) 1910.120.

- The contractor shall possess a written Health and Safety Plan (HASP) (see Section 4.2 below) applicable to the work being performed, which includes, at a minimum, the following components:
 - Personal Protective Equipment (PPE) Requirements (minimum Level D)
 - Odor Control/Dust Control Plan
 - Air Monitoring Requirements
 - Decontamination Plan
- Soil Handling and Disposal Requirements
 - The contractor shall characterize and properly dispose of excavated soils at a permitted, off-Site disposal facility
 - All exposed impacted soils shall be capped per IDEM guidance or other approved cover.
- The contractor shall document and maintain records of work conducted

4.1.2 Level 2 Soil

If soils within a work area do not qualify as **Level 1 Soil**, the contractor shall compare representative data to IDEM's most current direct contact screening criteria. The contractor shall comply with **Level 2 Soil** requirements if soil impacts within the work area exceed the IDEM Excavation Worker Screening Levels. **Level 2 Soil** designates the second highest level of worker protection and soil management required by this SMP. Any contractor disturbing **Level 2 Soil** shall comply with the following requirements:

- Worker Protection Requirements
 - All personnel involved with the Site work shall have up-to-date 24-hour HAZWOPER training as required under 29 CFR 1910.120 or equivalent training.
 - The contractor shall possess a written Health and Safety Plan (HASP) (see Section 4.2 below) applicable to the work being performed, which includes, at a minimum, the following components:
 - Personal Protective Equipment (PPE) Requirements (minimum Level D)
 - Odor Control/Dust Control Plan
 - Decontamination Plan
 - Soil Handling and Disposal Requirements
 - Soils are acceptable for on-Site use if a beneficial reuse determination has been obtained from IDEM that applies to the soils in question.
 - Debris shall be characterized and properly disposed of at a permitted, off-Site disposal facility

- Soils removed from the Site shall be characterized and properly disposed of at a permitted, off-Site disposal facility
 - All exposed impacted soils shall be capped per IDEM guidance or other approved cover.
- The contractor shall document and maintain records of work conducted.

In the event that physical evidence of NAPL is observed during earth work managed in accordance with **Level 2 Soil**, the contractor shall stop work immediately and implement measures to comply with the **Level 1 Soil** management requirements before continuing work.

4.1.3 Level 3 Soil

If soils within a work area do not qualify for **Level 1 Soil** or **Level 2 Soil** requirements, the contractor shall compare representative data to IDEM's most current Commercial/Industrial Direct Contact Screening Levels. The contractor shall comply with **Level 3 Soil** requirements if soil impacts within the work area exceed the IDEM Commercial/Industrial Direct Contact Screening Levels, but are below the IDEM Excavation Worker Screening Levels. Any contractor disturbing soils that qualify under **Level 3 Soil** shall meet the following requirements:

- Worker Protection Requirements
 - HAZWOPER training is not required.
- Soil Handling and Disposal Requirements
 - Soils are acceptable for on-Site use if a beneficial reuse determination has been obtained from IDEM that applies to the soils in question.
 - Debris shall be characterized and properly disposed of at a permitted, off-Site disposal facility
 - Soils removed from the Site shall be characterized and properly disposed of at a permitted, off-Site disposal facility
 - All exposed impacted soils shall be capped per IDEM guidance or other approved cover.
- The contractor shall document and maintain records of work conducted

In the event that physical evidence of NAPL is observed during earth work managed in accordance with **Level 3 Soil**, the contractor shall stop work immediately and implement measures to comply with the **Level 1 Soil** management requirements before continuing work.

4.1.4 Level 4 Soil

If soils within a work area do not qualify under **Level 1 Soil**, **Level 2 Soil**, or **Level 3 Soil** requirements, the contractor shall comply with **Level 4 Soil** requirements. **Level 4 Soil** is applicable if no soil impacts within the work area exist above the

IDEM Commercial/Industrial Direct Contact Screening Levels. **Level 4 Soil** is applicable for both clean soils brought on-Site and existing soils that meet the requirements for **Level 4 Soil**. Any contractor disturbing soils that qualify under **Level 4 Soil** shall meet the following requirements:

- Worker Protection Requirements
 - HAZWOPER training is not required.
- Soil Handling and Disposal Requirements
 - Soils are acceptable for on-Site use
 - Debris shall be characterized and properly disposed of at a permitted, off-Site disposal facility
 - Soils removed from the Site shall be properly characterized for disposal unless the contractor receives a beneficial reuse determination has been obtained from IDEM that applies to the soils in question and the specific off-site reuse.
- The contractor shall document and maintain records of work conducted

In the event that physical evidence of NAPL is observed during earth work managed in accordance with **Level 4 Soil**, the contractor shall stop work immediately and implement measures to comply with the **Level 1 Soil** management requirements before continuing work.

4.2 Health and Safety Plan

All Site work shall follow a project specific HASP in accordance with 29 CFR 1910. Each contractor and subcontractor shall develop a HASP specific to the work it is performing on Site. A hard copy of this HASP shall be maintained on Site and be readily available any time personnel are conducting work on the Site. All personnel shall review and sign the HASP prior to conducting any work on Site. At a minimum, the HASP shall include:

- A description of the work to be performed;
- Emergency information such as contact information for applicable emergency response agencies, evacuation rally points and severe weather shelters, and location of emergency equipment;
- A description of work zone setup;
- Anticipated Site hazards; and
- Job hazard analyses for all tasks that will be performed as part of the project.

For site work in areas containing **Level 1** or **Level 2 Soil**, the HASP shall include plans for mitigating hazards identified (PPE Requirements, Odor Control/Dust Control Plan Air Monitoring Requirements (required for **Level 1 Soil** Only), and Decontamination Plan) as specified in the following sections.

4.2.1 PPE Requirements

All Site personnel shall be required to wear modified Level D PPE while working near **Level 1 or Level 2 Soil**. Level D PPE consists of a hard hat, safety glasses, steel toe boots (or similar American National Standard Institute (ANSI) approved boot), and high visibility clothing. PPE may be upgraded at any time during project work to properly address hazards present.

4.2.2 Odor Control/Dust Control Plan

Dust and odor control monitoring and suppression shall be in place during any work that has the potential to create dust or odors. Should continuous dust monitoring be necessary, a monitoring program should be designed to effectively monitor the work and surrounding area. Dust and odor suppression controls may include:

- Reduction of on-Site vehicle speeds
- Minimizing drop heights to material haulers from soil loaders
- Considering timing of excavation activities and prevalent wind direction(s) and speed
- Use of odor suppressants like BioSolve®, if necessary
- Regular watering of haul roads and soil stockpiles, if necessary
- Revegetating/stabilizing/covering exposed excavations as soon as practicable

4.2.3 Air Monitoring Requirements

In excavation areas containing **Level 1 Soil**, the contractor may periodically screen the air within the excavation for volatile compounds using a photoionization detector (PID). The HASP should establish action levels for air monitoring based on the OSHA Permissible Exposure Limits (PELs) or Threshold Limit Values (TLVs). PIDs should be calibrated daily according to the manufacturer's instructions, and instrument calibration records should be maintained.

4.2.4 Decontamination Plan

All equipment used in areas where **Level 1 or Level 2 Soil** is present shall be decontaminated in accordance with the project specific HASP. During on-Site operations, workers should use brushes, shovels etc. to conduct gross soil removal on equipment used to excavate or move soil at this project Site as necessary. All trucks and equipment should be cleaned and decontaminated prior to leaving the Site. Loose soil on excavation and transport equipment should be brushed off and transferred to the truck containing the impacted soils being transported to the designated landfill.

4.3 Stormwater and Erosion Control

If applicable, a Stormwater and Erosion Control Plan shall be developed in compliance with applicable federal, state, and local regulations (e.g. National Pollutant Discharge

Elimination System (NPDES) permitting, “Rule 5”, and Chapter 600 Erosion and Sediment Control) prior to initiation of Site work.

4.4 Water Management

The proposed redevelopment work is unlikely to involve surface water or groundwater removal to perform the construction activities. If necessary, water management may include: (1) constructing, installing, building and maintaining necessary temporary water containment facilities, channels and diversions; (2) furnishing, installing and operating necessary pumps, piping and equipment; and (3) removing all such equipment after their intended function is no longer required. Excavations may be dewatered and maintained so that the material is excavated in its natural state and construction of the proposed Site improvements is completed in dry conditions. Water generated from dewatering activities shall be disposed in accordance with applicable regulations.

Based on the expected excavation depths, groundwater is not expected to be encountered for most normal earth work. Construction is most likely to be completed above the documented groundwater table; however seasonal variation in groundwater levels may influence excavation activities. Accumulated rain and groundwater may require on-Site retention (i.e. rental fractionation vessel) or treatment (e.g. granular activated carbon vessels) prior to removal or discharge. Stored groundwater or water that has been pumped from excavations shall be properly disposed of in accordance with the requirements of the off-Site disposal facility or the appropriate NPDES Discharge Permit. The water shall be disposed in accordance with all applicable federal, state, and local rules and regulations.

4.5 Excavation Soil Handling and Stockpiling

Soil may be stockpiled for future disposal or reuse, or it may be live-loaded onto trucks for immediate off-Site disposal. Excavated Site soils may be placed back in the excavation or used elsewhere on-Site, provided all potential contaminants are below IDEM Commercial/Industrial Direct Contact Screening Levels or a beneficial reuse determination has been obtained from IDEM that applies to the soils in question. A beneficial reuse determination is not required for excavated **Level 4 Soil**. Any debris (e.g. scrap metal, trash, rail road ties, etc.) identified during excavation shall be characterized and properly disposed of at a permitted, off-Site disposal facility. Soils removed from the Site shall be properly characterized for reuse or disposal based on the previously described Soil Level classifications.

4.5.1 Soil Segregation/Stockpile Management

When applicable, soil segregation and stockpiling shall be conducted in a manner that is protective of worker safety and documented accordingly. For **Level 1 Soil**, soil stockpiles shall be placed on top of heavy-duty plastic sheeting and, wherever possible, positioned atop an impermeable surface (i.e. improved asphalt or concrete surfaces, plastic liner of appropriate thickness, etc.). If possible, soil

stockpiles should be placed away from the site drainage patterns or lines, roadsides or culverts and covered with material adequate to prevent soil transport by wind or rainwater runoff (berm). Covers should be maintained in good condition. When not covered, soil stockpile surfaces should be kept visibly moist by water spray, as necessary.

If soils will be reused on-Site, then stockpiles shall be segregated based on the presence of potential contaminants. Soils with constituent concentrations below IDEM Commercial/Industrial Direct Contact Screening Levels shall be considered acceptable for on-Site reuse. Soil stockpiles intended for on-Site reuse shall be maintained away from soil stockpiles that are classified as **Level 1 Soil, Level 2 Soil, or Level 3 Soil**, such that there is no chance for corruption of the stockpile(s) designated for reuse.

4.5.2 On-Site Transportation

Impacted materials transported within Site boundaries shall be handled so as to minimize exposure to workers. Haulers shall hold and present, upon request, a current valid Commercial Driver's License. Equipment and vehicles used to move excavated **Level 1 Soil** and **Level 2 Soil** shall be dedicated to moving impacted soils for the duration of the project or appropriately decontaminated prior to being loaded with clean soils. Waste tracking manifests will not be required for transportation of soils within the Site; however, the contractor shall document and maintain records of work conducted including the final on-Site locations of reused soils.

4.5.3 Off-Site Removal/Waste Manifests

Level 1 Soil and **Level 2 Soil** shall be either directly loaded into awaiting transport trucks or placed in secure roll-off boxes pending off-Site disposal at a permitted Subtitle C or D solid waste landfill. Soil removed from the Site shall be transported and disposed in accordance with applicable federal, state, and local rules and regulations. The transportation contractor will be responsible for keeping the wheels and exterior portions of the trucks free of excess dirt and debris while on public roadways. If excess dirt or debris is deposited on roadways as a direct result of contractor activities, then the contractor shall clean the affected areas immediately. Waste manifests are generally only required for classified hazardous wastes; however, any soil excavated from the Site and transported off-Site for disposal should be manifested so that any given truckload can be tracked from the point of waste generation to the disposal site.

4.5.4 Waste Minimization

To the extent practical, measures shall be taken to minimize the volume of excavated soils, to limit the need for dewatering activities, and to prevent exposure between storm water and impacted soils. Construction activities requiring

subsurface excavation should be completed and backfilled promptly to minimize exposure. The size or length of excavations shall be controlled to allow for proper completion of immediately pending activities.

4.5.5 Final Restoration

Contractors shall cap all exposed soils impacted above IDEM Commercial/Industrial Direct Contact Screening Levels per IDEM guidance or other approved cover during final restoration efforts. Exposed soils with potential contaminant concentrations below the IDEM Commercial/Industrial Direct Contact Screening Level (**Level 4 Soil**) will not require capping.

4.6 Contingency Plan for Newly Encountered Impacts

Excavation, digging or other soil disturbing activities should immediately cease upon the discovery of unexpected impacted soil or other material in an area not previously identified as **Level 1 Soil** (e.g. oil and/or tar) or impacted features (e.g. underground sumps, underground tanks, underground drain lines suspected of containing impacts, laboratory waste). If suspected impacted soils or groundwater or hazardous materials are discovered during the excavation work, the designated representative (Site construction supervisor) shall be notified and steps will be taken to avoid spreading of impacts into the surrounding environment. In the event that suspected impacts are identified, the following actions shall be taken:

- All excavation activity in vicinity of the area where the suspect material has been encountered shall stop immediately;
- The Site supervisor shall be immediately notified;
- The area shall be cordoned off as much as practicable with a suitable barrier;
- Work shall not resume in the vicinity of the area unless authorized by the project management team; and
- Soils shall be managed in accordance with the **Level 1 Soil** worker safety and soil disposal requirements per the SMP Process Diagram.

4.7 Imported Soil Verification

All imported soil material shall meet analytical specifications for the proposed use. Details of the material supplier, imported soil source, and total quantity of imported soil material should be documented for each distinct supplier and source of imported soil. If appropriate, samples of the imported soil should be collected for laboratory analysis to determine the suitability and cleanliness of the soil.

5.0 ASSUMPTIONS

This SMP has been developed assuming future redevelopment of the Site for reuse that is restricted to commercial/industrial and excavation worker exposure scenarios. The plan assumes that soils encountered during construction are similar in nature and potential contaminant content to soils already encountered during the exhaustive environmental investigations that have occurred on Site. Discovery of substantial new sources of impacts on Site may require revisions to this SMP.

ATTACHMENT A

Contractor Disclosure Statement

CONTRACTOR DISCLOSURE STATEMENT

Prospect Facility
2950 East Prospect Street
Indianapolis, IN
July 2017

_____ (contractor or contractor representative) hereby confirm that I have read, understand, and will conduct site work in accordance with the “Soil Management Plan” recorded as part of the ERC on the Deed to the property located at 2950 East Prospect Street, Indianapolis, IN.

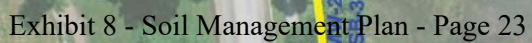
Authorized Signature

Date


Name and Title (please type or print)

ATTACHMENT B


Soil Boring and Monitoring Well Location Figure




ATTACHMENT C
Lithological Boring Logs

	Project Number: JM1710.320	Date Drilled: 5/8/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-1	UTM Northing*: 1640917.311	UTM Easting*: 201992.92
	Boring Location: NA	Surface Elevation*: 753.363


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	TOPSOIL	Some grass				
1	SILTY CLAY	(Fill) brown, medium plasticity, medium stiff, damp, trace gravel (8%)	40	0.5/ 0.5		Soil sample (4-6') collected at 9:20 and submitted for laboratory analysis
2				1.2/ 1.0		
3			80	2.0/ 1.0		
4				0.5/ 0.4		
5	CLAYEY SAND	3" crushed coal @ 6.5'				
6		Brown, medium grained, medium dense, damp, trace gravel				
7	GRAVELLY SAND	Light brown, medium grained, loose, moist	75	0.6/ 0.4		Evidence of oxidation (16-18') Groundwater at 18'
8				0.6/ 0.4		
9			50	0.6/ 0.4		
10				1.0/ 0.6		
11			50	1.4/ 3.0		
12				1.6/ 4.2		
13						
14						
15						
16						
17						
18		Saturated @ 18'				
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/8/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-1	UTM Northing*: 1640917.311	UTM Easting*: 201992.92
	Boring Location: NA	Surface Elevation*: 753.363


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	GRAVELLY SAND		50	1.5/ 1.0		
21				1.6/ 1.3		
22			50	1.4/ 0.6		
23				1.0/ 1.0		
24			50	0.8/ 1.0		
25				1.0/ 1.2		
26	SILTY CLAY	Gray, low plasticity, hard, damp, trace gravel (4%)				Soil sample (31-32') collected at 9:30 and submitted for laboratory analysis
27						
28						End of boring at 32'

	Project Number: JM1710.320	Date Drilled: 5/6/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-2	UTM Northing*: 1640939.921	UTM Easting*: 202238.79
	Boring Location: NA	Surface Elevation*: 752.091


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	TOPSOIL	Some grass	80	1.4/ 2.8		Soil sample (4-6') collected at 9:40 and submitted for laboratory analysis, MS/MSD
1	SANDY GRAVEL	(Fill)		2.0/ 1.6		
2	SILTY CLAY	Dark brown, low plasticity, medium stiff, damp		2.1/ 4.8		
3		Brown	70	0.8/ 3.1		Groundwater at 8'
4				2.8/ 1.6		
5	CLAYEY SAND	Brown, medium grained, loose, moist		2.8/ 2.2		
6		Saturated 8-9'	100	1.2/ 1.3		
7	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel (5%)		2.1/ 0.8		
8				1.6/ 1.6		
9			100	1.9/ 0.6		Soil sample (18-20') collected at 9:45 and submitted for laboratory analysis
10						
11						
12			100			End of boring at 20'
13						
14						
15			100			
16						
17						
18			100			
19						
20		Dry				



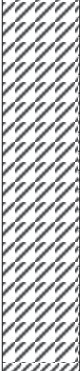
	Project Number: JM1710.320	Date Drilled: 5/6/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: 1" Temporary Well
BBSB-3	UTM Northing*: 1640973.673	UTM Easting*: 202342.11
	Boring Location: NA	Surface Elevation*: 753.13


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	TOPSOIL	Some grass	95	10.2/ 2.2		
1	STONE	(Fill) crushed				
2	SILTY CLAY	Brown, low-plasticity, medium stiff, damp, little gravel (10%)		14/ 31		
3			75	46/ 82		Soil sample (4-6') collected at 11:10 and submitted for laboratory analysis
4						
5		Soft, moist				
6	CLAYEY SAND	Brown, medium coarse grained, loose, well graded, saturated	100	60/ 85		Groundwater at 7'
7				80/ 92		
8						
9	SILTY CLAY	Brownish-gray, low plasticity, stiff, damp	100	22/ 27		Groundwater sample collected at 11:40 and submitted for laboratory analysis
10	SAND	Brown, dry				
11		Gray, low plasticity, stiff, dry, trace gravel (5%)				
12	SILTY CLAY		100	21/ 18		
13						
14				0.2/ 1.8		
15			100	0.3/ 1.9		Soil sample (16-18') collected at 11:20 and submitted for laboratory analysis
16						
17			100	0.3/ 1.9		
18						
19						
20						End of boring at 20'


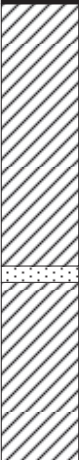
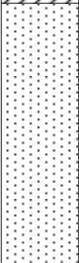





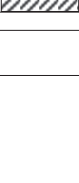


	Project Number: JM1710.320	Date Drilled: 5/6/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-4	Site Address: Indianapolis, IN	GW Sample Method: 1" Temporary Well
	UTM Northing*: 1641003.838	UTM Easting*: 202545.04
	Boring Location: NA	Surface Elevation*: 750.637


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	CONCRETE	(Fill) with crushed stone				
1		Dark gray, low plasticity, soft, moist		31/ 85		Odor from 1-2'
2	SILTY CLAY	Brown, medium stiff	75			
3				35/ 105		Soil sample (2-4') collected at 13:35 and submitted for laboratory analysis
4		Brown, medium plasticity, soft, wet				
5	SANDY CLAY			21/ 37		
6		Brown, medium/coarse grained, loose, soft, well graded, wet	60			
7	CLAYEY SAND	Saturated @ 7'		23/ 19		Saturated at 7'
8						
9		Brown, medium/coarse grained, loose, well graded, saturated		9.1/ 8.3		Groundwater sample collected at 14:00 and submitted for laboratory analysis
10	SAND		90			
11	SANDY CLAY	Brown, low plasticity, stiff, moist, little gravel (10%)		8.9/ 4.7		
12		Brown, medium grained, dense, poorly graded, saturated				
13	SILT	Gray, non-plastic, stiff, moist		5.7/ 1.5		
14	SAND SILT	Gray, coarse, wet	100			
15		Gray, non-plastic, stiff, moist				
16		Gray, low plasticity, stiff, damp, trace gravel (5%)		4.6/ 0.8		
17						
18	SILTY CLAY		100	4.6/ 0.8		
19				4.6/ 0.8		Soil sample (18-20') collected at 13:45 and submitted for laboratory analysis
20						End of boring at 20'

	Project Number: JM1710.320	Date Drilled: 5/8/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-5	UTM Northing*: 1641081.427	UTM Easting*: 202488.43
	Boring Location: NA	Surface Elevation*: 749.937


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		ASPHALT	Brown, medium plasticity, soft, moist	50	4.0/ 0.6		Soil sample (6-8') collected at 10:40 and submitted for laboratory analysis, BBSBD-2 Black staining, odor 7.5-8'
1		SILTY CLAY			5.2/ 1.0		
2							
3				20	6.8/ 2.5		
4	CLAYEY SAND	Gray, medium grained, loose, well graded, moist, little gravel (10%)	7.0/ 3.0				
5							
6			Saturated @ 8'				
7	SILTY CLAY	Gray, low plasticity, medium stiff, damp, little gravel (10%)					
8							
9			SAND	Gray, fine grained, loose, wet Gray, low plasticity, medium stiff, damp, little gravel (10%)	8.0/ 15		
10							
11	SILTY CLAY				10/ 20		
12							
13			80	7.0/ 4.5			
14							
15	SILTY CLAY	Gray, medium grained, loose, moist Gray, low plasticity, medium stiff, damp, little gravel (10%)			8.0/ 2.1		
16							
17			80	8.0/ 1.0			
18							
19	Soil sample (18-20') collected at 10:50 and submitted for laboratory analysis						
20		End of boring at 20'					

	Project Number: JM1710.320	Date Drilled: 5/8/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-6	UTM Northing*: 1641160.252	UTM Easting*: 201555.77
	Boring Location: NA	Surface Elevation*: 745.554

Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		ASPHALT	Gravel 3", asphalt 4", crushed stone 5"	40	6.0/ 0.2		
1		CLAY	(Fill) gravel, damp		5.0/ 0.5		
2							
3						75	10/ 0.7
4	SAND	(Fill) some coal	22/ 3.0				
5		(Fill) gravel, damp					
6		CLAY		75	13/ 2.6		Soil sample (10-12') collected at 12:10 and submitted for laboratory analysis, BBSBD-3 Black staining, odor 11-16'
7							
8							
9		SAND	Brown, fine grained, loose, poorly graded, moist	75	36/ 320		Groundwater at 12'
10							
11							
12		SANDY GRAVEL	Black, loose, well graded, saturated	50	9.0/ 22		
13							
14							
15		SANDY GRAVEL		50	2.5/ 7.0		
16							
17							
18		SILTY CLAY	Gray, low plasticity, stiff, dry, little gravel (10%)	100	2.5/ 4.0		Soil sample (18-20') collected at 12:20 and submitted for laboratory analysis, MS/MSD
19							
20							
							End of boring at 20'


	Project Number: JM1710.320	Date Drilled: 5/7/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-7	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641159.476	UTM Easting*: 201755.97
	Boring Location: NA	Surface Elevation*: 746.266







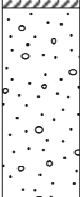
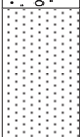
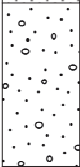



Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	ASPHALT	Some crushed stone	75	32/ 0.7		
1						
2	SAND	Black, with coke	65	190/ 1.9		Soil sample (4-6') collected at 10:05 and submitted for laboratory analysis Odor 4.5-6'
3						
4	CLAY	White	65	63/ 2.1		Soil sample (6-8') collected at 9:45 and submitted for laboratory analysis
5		Black, with coke				
6	SANDY CLAY	Brown, low plasticity, soft, moist	50	55/ 4.2		Groundwater at 12'
7						
8	CLAYEY GRAVEL		50	44/ 3.8		
9						
10	SAND	Brown, coarse grained, dense, poorly graded, rounded pebbles, wet	50	25/ 2.1		
11						
12	SAND	Brown, coarse grained, loose, poorly graded, angular, saturated	50	17/ 0.8		
13						
14	SAND		50	40/ 2.2		
15						
16	SAND		75	67/ 1.2		
17						
18	SAND	Medium to coarse grained	75	33/ 1.3		
19						
20						


	Project Number: JM1710.320	Date Drilled: 5/7/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-7	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641159.476	UTM Easting*: 201755.97
	Boring Location: NA	Surface Elevation*: 746.266

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SAND		100	12/ 0.7		
21		Gray, low plasticity, stiff, damp, trace gravel (5%)				
22	SILTY CLAY		100	7.2/ 0.7		Soil sample (22-24') collected at 9:55 and submitted for laboratory analysis
23						
24						


End of boring at 24'



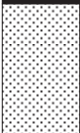

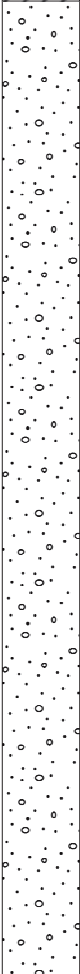
	Project Number: JM1710.320	Date Drilled: 5/6/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-8	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641154.99	UTM Easting*: 201993.21
	Boring Location: NA	Surface Elevation*: 750.874


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0		ASPHALT	Some crushed stone	100	61/ .5		No odor	
1		FILL MATERIAL	Coke fragments					
2		SILTY CLAY	Brown, low plasticity, stiff, damp		34/ 0.1			
3		SAND	Fine, damp					
4		SILTY CLAY	Brown, low plasticity, stiff, damp	100	56/ 2.1		Soil sample (4-6') collected at 15:45 and submitted for laboratory analysis, BBSBD-1	
5			Soft, moist					
6			Some sand and gravel					
7		GRAVELLY SAND	Brown, dense, well graded, damp	100	26/ 0.2			
8			Increase gravel					
9		SAND	Brown, medium grained, loose, poorly graded	100	12/ 1.7			
10								
11		GRAVELLY SAND	Brown, loose, well graded, damp	100	21/ 0.6			
12								
13		SANDY GRAVEL	Brown, loose, rounded and angular fragments, saturated	100	27/ 1.2			Groundwater at 14.5'
14								
15								
16		GRAVELLY SAND	Brown, coarse grained, loose, coarse grained, well graded, saturated	90	49/ 1.1			
17								
18		GRAVELLY SAND		90	31/ 0.8			
19								
20					35/ 1.0			

	Project Number: JM1710.320	Date Drilled: 5/6/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-8	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641154.99	UTM Easting*: 201993.21
	Boring Location: NA	Surface Elevation*: 750.874


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	GRAVELLY SAND	Gray, coarse grained, loose, poorly graded, sub angular fragments, saturated	100	13/ 4.2		Soil sample (22-24') collected at 15:55 and submitted for laboratory analysis
21				15/ 1.5		
22	SAND					End of boring at 24'
23						
24						


	Project Number: JM1710.320	Date Drilled: 5/8/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-9	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641152.326	UTM Easting*: 202102.63
	Boring Location: NA	Surface Elevation*: 750.403

Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments			
0		ASPHALT	Some crushed stone	50	1.0/ 2.0		Evidence of oxidation 7-16'			
1		FILL MATERIAL	Some coke fragments, damp		0.5/ 0.5					
2										
3		SILTY CLAY	Dark gray, medium plasticity, medium stiff, damp, little gravel (10%)	50	0.5/ 1.0			Soil sample (12-14') collected at 14:15 and submitted for laboratory analysis		
4										
5		GRAVELLY SAND	Brown, medium grained, medium dense, well graded, damp	50	0.2/ 1.0					
6										
7				25	0.3/ 1.0					
8										
9				50	1.0/ 2.0					
10										
11				50	1.5/ 2.5					
12										
13				50	1.0/ 1.5					
14										
15				Saturated	50		1.0/ 1.0		Groundwater at 15'	
16				Increase in angular gravel			50		1.0/ 1.0	Reddish-brown 16-28'
17										
18										
19							1.0/ 1.0			
20										


	Project Number: JM1710.320	Date Drilled: 5/8/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-9	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641152.326	UTM Easting*: 202102.63
	Boring Location: NA	Surface Elevation*: 750.403

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SANDY GRAVEL	Reddish-brown, coarse grained, loose, well graded, saturated	50	0.5/ 0.5		Soil sample (24-28') collected at 14:25 and submitted for laboratory analysis, composite
21				0.5/ 1.0		
22			50	0.5/ 1.0		
23				0.5/ 1.0		
24	SAND	Dark brown, fine grained, poorly graded, saturated	50	NA/ NA		Soil sample (33-35') collected at 16:15 and submitted for laboratory analysis, 5-21-13
25				NA/ NA		
26	SILTY CLAY	Reddish-brown, medium plasticity, medium stiff, damp	50	NA/ NA		
27				NA/ NA		
28		Gray, low plasticity, very stiff, dry	100	NA/ NA		
29				NA/ NA		
30						End of boring at 35'


		Project Number: JM1710.320		Date Drilled: 5/8/2013		
		Client Name: Citizens Energy Group		Personnel: M.Oslos-Ark		
		Project Name: B&B Investigation		Driller: EFS - Zach		
		Drilling Method: Geoprobe		Driller License: NA		
		Site Address: Indianapolis, IN		GW Sample Method: NA		
BBSB-10		UTM Northing*: 1641177.8		UTM Easting*: 202749.04		
		Boring Location: NA		Surface Elevation*: 752.760		
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	ASPHALT	Some crushed stone	50	1.0/ 42		
1		(Fill) some sand, gravel, and coke		CLAY		
2						
3	SANDY CLAY	Brown, medium plasticity, medium stiff, moist, trace gravel (5%)	100	0.5/ 0.5		
4						
5		Soft		0.5/ 0.2		
6						
7	SAND	Brown, fine grained, loose, well graded, moist, trace gravel (5%)	75	1.0/ 0.5		Soil sample (8-10') collected at 16:00 and submitted for laboratory analysis
8						
9		Saturated		0.5/ 0.5		
10	SILTY CLAY	Gray, low plasticity, stiff, little gravel (8%)	100	0.3/ 0.2		Groundwater at 11'
11						
12				0.2/ 0.2		
13			100	0.2/ 0.2		
14						
15	100	0.4/ 0.6	Soil sample (18-20') collected at 16:10 and submitted for laboratory analysis			
16						
17						
18					End of boring at 20'	
19						
20						


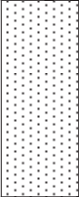
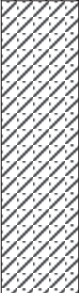
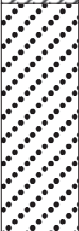

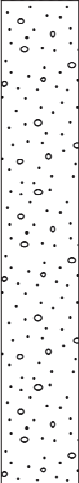
	Project Number: JM1710.320	Date Drilled: 5/9/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-11	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641261.967	UTM Easting*: 201709.26
	Boring Location: NA	Surface Elevation*: 744.894


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		ASPHALT	Some crushed stone	50	5.0/ 0.5		Soil sample (6-8') collected at 9:15 and submitted for laboratory analysis
1		FILL MATERIAL	Some coke, dry				
2			36/ 1.0				
3							
4			20	53/ 1.0			
5							
6			60/ 1.0	Groundwater at 8'			
7							
8		CLAYEY GRAVEL	(Fill) loose, saturated, trace sand and coke	20	66/ 1.5	Rubber tire pieces at 10'	
9							
10			73/ 8.5				
11							
12		GRAVELLY SAND	Dark gray, medium grained, loose, saturated	50	86/ 6.0		Brick at 12'
13			74/ 7.0			Odor 8-18'	
14							
15			Increase in rounded gravel	50	77/ 13		
16							
17		SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel (5%)		50	56/ 18	Sheen in gravel above clay
18							
19							
20							



	Project Number: JM1710.320	Date Drilled: 5/9/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-11	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641261.967	UTM Easting*: 201709.26
	Boring Location: NA	Surface Elevation*: 744.894


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SILTY CLAY		100	27/ 5		Decrease in moisture content with depth
21						
22				16/ 7		Soil sample (24-24') collected at 9:25 and submitted for laboratory analysis
23						
24						End of boring at 24'

	Project Number: JM1710.320	Date Drilled: 5/7/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-12	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641405.021	UTM Easting*: 201744.32
	Boring Location: NA	Surface Elevation*: 746.393


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		GRAVEL		75	41/ 6.7		
1			(Fill) black, coarse grained, coke fragments				
2		SAND		27/ 8.5			
3			(Fill) some sandy clay, dark brown, medium stiff, damp, coke and brick fragments	75	26/ 5.5		Soil sample (6-8') collected at 12:05 and submitted for laboratory analysis
4							
5		SANDY CLAY			25/ 5.9		
6			Dark brown, medium grained, loose, saturated, some gravel	80	23/ 8.0		Groundwater at 8'
7							
8		CLAYEY SAND			27/ 11		
9			Gray, low plasticity, soft, moist, trace gravel	50	26/ 12		Groundwater at 12.5'
10							
11		SILTY CLAY			27/ 13		
12			Gray, medium/coarse grained, loose, well graded, saturated	60	28/ 21		Odor 12.5-20'
13							
14		GRAVELLY SAND			28/ 28		
15							Visible sheen 12.5-19'
16							
17							
18							
19							
20							

	Project Number: JM1710.320	Date Drilled: 5/7/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-12	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641405.021	UTM Easting*: 201744.32
	Boring Location: NA	Surface Elevation*: 746.393


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20		SILTY CLAY	Gray, low plasticity, stiff, dry, trace gravel (5%)	100	8.6/ 5.1		Soil sample (22-24') collected at 12:10 and submitted for laboratory analysis End of boring at 24'
21							
22					6.2/ 1.9		
23							
24							

	Project Number: JM1710.320	Date Drilled: 5/9/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-13	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641369.767	UTM Easting*: 201987.28
	Boring Location: NA	Surface Elevation*: 746.358


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Coke and gravel, damp	50	10/ 1.0		
1						
2	SILTY CLAY	Gray, low plasticity, medium stiff, damp, little sand (10%)	50	11/ 2.0		
3						
4	SANDY CLAY	Gray, low plasticity, medium stiff, damp	75	13/ 1.0		
5						
6			75	7.0/ 1.0		
7		Brown				
8	GRAVELLY SAND	Brown, medium grained, medium dense, well graded, moist	50	17/ 1.0		Evidence of oxidation 11-16' Soil sample (12-14') collected at 10:10 and submitted for laboratory analysis Black staining, slight odor 16-21'
9				12/ 2.0		
10			50	21/ 2.0		
11						
12			50	13/ 5.0		
13						
14		Saturated	75	9.0/ 2.0		
15				13/ 4.0		
16						
17						
18						
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/9/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-13	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641369.767	UTM Easting*: 201987.28
	Boring Location: NA	Surface Elevation*: 746.358


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	GRAVELLY SAND	Decrease in gravel	100	12/ 3.0		
21		Gray, low plasticity, stiff, damp, trace gravel				
22	SILTY CLAY		100	12/ 2.0		Soil sample (22-24') collected at 10:20 and submitted for laboratory analysis
23						
24						End of boring at 24'

	Project Number: JM1710.320	Date Drilled: 5/9/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-14	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641377.961	UTM Easting*: 202269.53
	Boring Location: NA	Surface Elevation*: 749.852


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Coke, damp	50	0.5/ 0.5		
1						
2	SILTY CLAY	Reddish-brown, medium plasticity, soft, moist, trace of sand and gravel	50	0.3/ 0.2		Soil sample (3-5') collected at 11:35 and submitted for laboratory analysis
3						
4						
5	GRAVELLY SAND	Grayish-brown, medium grained, loose, well graded, moist	50	0.4/ 0.2		Groundwater at 8'
6						
7			50	0.4/ 0.2		
8		Saturated				
9			50	0.4/ 0.2		
10						
11				0.3/ 0.2		
12			50			
13				0.3/ 0.2		
14						
15			50	0.3/ 0.3		
16						
17	SANDY CLAY	Gray, low plasticity, soft, moist, trace gravel (3%)	100	0.4/ 0.2		Soil sample (18-20') collected at 11:45 and submitted for laboratory analysis
18						
19				0.4/ 0.2		
20						End of boring at 20'

		Project Number: JM1710.320	Date Drilled: 5/7/2013
		Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
		Project Name: B&B Investigation	Driller: Ark
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-15	UTM Northing*: 1641377.486	UTM Easting*: 202368.26	
	Boring Location: NA	Surface Elevation*: 750.456	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Black, crushed coal and coke, dry	80	72/ 12		Fragments of brick and rock
1				42/ 5.9		
2						
3	SAND	Light brown, fine/medium grained, loose, well graded, damp, little gravel (10%)	90	56/ 11		Soil sample (4-6') collected at 14:15 and submitted for laboratory analysis
4						
5						
6						
7		Saturated		38/ 10		Groundwater at 7'
8	GRAVELLY SAND	Brown, medium/coarse grained, loose, well graded, saturated	100	24/ 7.0		
9						
10				60/ 9.5		
11						
12		Increase in gravel				
13	CLAYEY SILT	Light brown, non-plastic, medium stiff, wet	100	25/ 13		
14				40/ 13		
15	SILTY CLAY	Gray, low plasticity, medium stiff, moist	100	43/ 12		
16						
17						
18						
18		Soft, very moist		18/ 4.9		Soil sample (18-20') collected at 14:25 and submitted for laboratory analysis
19						
20						End of boring at 20'

	Project Number: JM1710.320	Date Drilled: 5/7/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-16	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641396.5	UTM Easting*: 202492.26
	Boring Location: NA	Surface Elevation*: 752.294


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Some coke	90	46/ 8.1		No odor
1						
2	GRAVELLY SAND	Brown, fine - medium grained, loose, well graded, damp	80	35/ 10.1		Soil sample (6-8') collected at 16:30 and submitted for laboratory analysis
3						
4	SANDY CLAY	Reddish-brown, low plasticity, soft, moist	80	40/ 7.0		Groundwater at 8'
5	GRAVELLY SAND	Brown, fine - medium grained, loose, well graded, damp		48/ 8.0		
6						
7	SAND	Brown, fine grained, dense, poorly graded, saturated	100	24/ 3.8		
8						
9	SILT	Brown, dense, saturated	100	42/ 10.8		
10						
11	GRAVELLY SAND	Brown, fine/medium grained, loose, well graded, saturated	100	38/ 11.6		
12						
13	SAND	Brown, very fine grained, dense, poorly graded, saturated	100	29/ 17		
14						
15	SAND	Gray, coarse grained, loose, well graded, saturated, little gravel (10%)	100	27/ 9.5		
16						
17						
18						
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/7/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-16	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641396.5	UTM Easting*: 202492.26
	Boring Location: NA	Surface Elevation*: 752.294


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SAND		100	43/ 8.8		
21		Gray, fine grained, dense, poorly graded, saturated, 2" of stiff clay				
22	CLAY	Gray	100	27/ 7.9		
23	CLAYEY SAND	Gray, medium grained, loose, poorly graded, saturated				
24	SAND	Gray, coarse grained, loose, well graded, saturated	100	14/ 6.0		
25	GRAVELLY SAND	Gray, coarse grained, loose, well graded, saturated				
26						Soil sample (26-28') collected at 16:45 and submitted for laboratory analysis
27				9.9/ 6.0		
28						End of boring at 28'

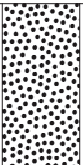


		Project Number: JM1710.320	Date Drilled: 5/8/2013
		Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
		Project Name: B&B Investigation	Driller: Ark
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-17	UTM Northing*: 1641369.532	UTM Easting*: 202723.49	
	Boring Location: NA	Surface Elevation*: 754.290	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0	SAND	(Fill) black, some coal, coke, and gravel	90	3.5/ 2.5		No odor, glass fragments	
1							
2							
3	SANDY CLAY	Brown, low plasticity, medium stiff, moist	90	1.2/ 18		Soil sample (6-8') collected at 9:40 and submitted for laboratory analysis	
4							
5							
6		Soft, wet					
7		Low plasticity, medium stiff, moist		8.6/ 5.5			
8	GRAVELLY SAND	Brown, medium/coarse grained, loose, well graded, saturated	100	7.2/ 6.8		Groundwater at 9.5'	
9							
10							
11				7.7/ 8.2			
12	SILTY CLAY	Low plasticity, stiff, moist, little gravel (10%)	100	7.3/ 9.9			
13							
14	SANDY CLAY	Brown, low plasticity, soft, moist					
15	SILTY CLAY	Brown, low plasticity, stiff, moist, little gravel (10%)	100	11.3/ 9.6			
16							
17		Gray, damp					
18	SILT	Gray, stiff, wet	100	1.3/ 3.3		Soil sample (16-18') collected at 9:45 and submitted for laboratory analysis	
19							
20							
	GRAVELLY SAND	Gray, coarse grained, loose, well graded, saturated		1.2/ 3.4		End of boring at 20'	


	Project Number: JM1710.320	Date Drilled: 5/8/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-18	Site Address: Indianapolis, IN	GW Sample Method: 1" Temporary Well
	UTM Northing*: 1641504.044	UTM Easting*: 201821.75
	Boring Location: NA	Surface Elevation*: 749.210


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Black, some coal, coke, sand, and gravel, damp	100	330/ 2.1		Soil sample (4-6') collected at 11:25 and submitted for laboratory analysis
1						
2		Some clay, brown, low plasticity, medium stiff, damp	100	1,100/ 3.9		
3						
4		Black, some coal, coke, sand, and gravel, damp	100	1,580/ 4.2		
5						
6			80	270/ 3.7		
7		Some black clay				
8				88/ 3.2		
9						
10	SAND	Red brick fragments	60	397/ 3.0		Odor (mainly in groundwater), groundwater sample (screened from 15-22.5') collected and submitted for laboratory analysis
11		Brown, some clay, soft				
12	SANDY GRAVEL		60	480/ 4.6		
13		Red brick fragments, wood pieces, saturated				
14		Brown, medium grained, dense, poorly sorted, saturated	75	145/ 3.5		
15		Dark gray				
16		Coarse grained, loose, well sorted, saturated	75	47/ 1.5		
17						
18				214/ 14.5		
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/8/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-18	Site Address: Indianapolis, IN	GW Sample Method: 1" Temporary Well
	UTM Northing*: 1641504.044	UTM Easting*: 201821.75
	Boring Location: NA	Surface Elevation*: 749.210


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	 SANDY GRAVEL		100	225/ 20		
21						
22	 SILTY CLAY	Gray, stiff, low plasticity, dry	100	19/ 8.6		Soil sample (22.5-24') collected at 11:35 and submitted for laboratory analysis End of boring at 24'
23						
24						

	Project Number: JM1710.320	Date Drilled: 5/8/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-19	Site Address: Indianapolis, IN	GW Sample Method: 1" Temporary Well
	UTM Northing*: 1641509.757	UTM Easting*: 202037.84
	Boring Location: NA	Surface Elevation*: 753.273


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		CLAY	Black, some coal, coke, and gravel	75	39/ 1.1		Refusal at 13' on first attempt
1							Concrete fragments
2							
3					41/ 1.7		
4					60		
5				150/ 6.5			
6							
7				110/ 5.7			
8					60		Soil sample (8-10') collected at 15:50 and submitted for laboratory analysis
9				215/ 5.3			
10							
11				104/ 3.1			
12		CLAYEY SAND	Brownish-gray, fine grained, dense, poorly graded, moist	50	23/ 2.9	Soil sample (14-16') collected at 15:55 and submitted for laboratory analysis	
13							
14	SILTY SAND	Gray, loose, poorly graded, moist			26/ 3.5		
15							
16	SANDY GRAVEL	Light brown, coarse grained, medium dense, well graded, saturated	75	26/ 3.9			
17							
18				28/ 2.4			
19							
20							

	Project Number: JM1710.320	Date Drilled: 5/8/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: 1" Temporary Well
BBSB-19	UTM Northing*: 1641509.757	UTM Easting*: 202037.84
	Boring Location: NA	Surface Elevation*: 753.273


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SANDY GRAVEL		50	22/ 3.8		
21						
22	SILTY CLAY	Gray, low plasticity, stiff, dry, little gravel (10%)		16/ 4.9		Silty clay stained black
23						
24	SILTY SAND	Dark gray, fine grained, loose, poorly graded, saturated		48/ 2.3		
25						
26	SANDY GRAVEL	Dark gray, coarse grained, loose, well graded, saturated	40	51/ 4.6		~5" of coal tar in sandy gravel matrix at 29.5', on top of clay
27						
28				370/ 1,690		Soil sample (30-32') collected at 16:00 and submitted for laboratory analysis Groundwater sample (screened from 25-30') collected at 16:20 and submitted for laboratory analysis
29						
30	SILTY CLAY	Gray, low plasticity, hard, dry, trace gravel	100	17/ 9.6		End of boring at 32'
31						
32						

	Project Number: JM1710.320	Date Drilled: 5/21/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Mike
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-20	UTM Northing*: 1641511.097	UTM Easting*: 202141.22
	Boring Location: NA	Surface Elevation*: 753.631


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Coke, damp	75	18/ 1.2		2" white porous rock
1						
2	SILTY CLAY	(Fill) brown & black, medium plasticity, medium stiff, moist, trace of coke fragments	75	23/ 2.0		
3						
4		Weak, soft	75	30/ 9.0		
5		Gray, no coke fragments below 5'				
6			75	12/ 6.0		
7						
8			75	19/ 7.5		
9						
10		Trace of sand (5%) and gravel (3%)	75	27/ 18		
11						
12	CLAYEY SAND	Brown, medium grained, medium dense, well graded, moist, trace gravel 10%	75	52/ 28		Soil sample (12-14') collected at 10:00 and submitted for laboratory analysis, BBSBD-10
13						
14	GRAVELLY SAND	Brown, coarse grained, medium dense, well graded, saturated	75	28/ 13		Groundwater at 17'
15						
16						
17				16/ 14		
18						
19				22/ 18		
20						

	Project Number: JM1710.320	Date Drilled: 5/21/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Mike
	Drilling Method: Geoprobe	Driller License: NA
BBSB-20	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641511.097	UTM Easting*: 202141.22
	Boring Location: NA	Surface Elevation*: 753.631


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	GRAVELLY SAND		100	14/ 3.0		Sheen and moderate odor 26-28', 4" reddish-brown product on top of clay
21		Some fine sand, little gravel				
22			100	22/ 5.0		
23		Increase in rounded gravel				
24	SILTY CLAY	Dark gray	100	85/ 200		Soil sample (30-32') collected at 10:15 and submitted for laboratory analysis
25						
26			100	110/ 250		
27						
28	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel (5%)	100	16/ 9.0		End of boring at 32'
29						
30			100	13/ 8.0		
31						
32						



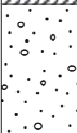

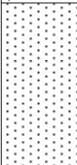
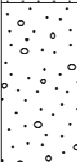



	Project Number: JM1710.320	Date Drilled: 5/9/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-21	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641512.462	UTM Easting*: 202238.78
	Boring Location: NA	Surface Elevation*: 753.709


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	SILTY CLAY	Brown, layers of coke and gravel	60	16/ 0.5		
1				22/ 1.0		
2			60	32/ 1.6		
3		Brown, medium plasticity, medium stiff, damp		33/ 1.8		
4	SANDY CLAY		60	45/ 0.9		Soil sample (10-12') collected at 10:45 and submitted for laboratory analysis
5				70/ 1.0		
6		Brown, medium plasticity, soft, moist, trace gravel	75	107/ 0.4		
7				66/ 53		
8	SAND		75	100/ 105		Odor at 14.5-24' Intermittent yellow product in sand 15-16'
9		Brown, medium grained, medium dense, poorly graded, saturated, trace gravel		120/ 140		
10		Dark gray	75			
11		Very little gravel				










	Project Number: JM1710.320	Date Drilled: 5/9/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-21	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641512.462	UTM Easting*: 202238.78
	Boring Location: NA	Surface Elevation*: 753.709


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SAND		100	61/ 88		Moderate sheen 15-24'
21				70/ 115		Minor amount of intermittent reddish-brown product 23-24'
22			100	26/ 19		
23	SILTY CLAY	Gray, fine grained, dense, poorly graded, saturated		14/ 12		Strong odor at 29-29.5' 3" of coal tar in matrix at 29.5' on top of clay Soil sample (30-32') collected at 11:00 and submitted for laboratory analysis End of boring at 32'
24		Gray, low plasticity, stiff, moist		57/ 290		
25	GRAVELLY SAND	Dark gray, coarse grained, loose, well graded, saturated		3.2/ 10.9		
26		Gray, low plasticity, hard, dry, trace gravel	100			
27	SILTY CLAY		100			
28						
29						
30						
31						
32						

	Project Number: JM1710.320	Date Drilled: 5/9/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-22	UTM Northing*: 1641517.542	UTM Easting*: 202359.15
	Boring Location: NA	Surface Elevation*: 754.031


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments		
0		FILL MATERIAL	Black, coal and coke	50	1.2/ 0.0		Concrete fragments		
1									
2									
3									
4		SILTY CLAY	(Fill) brown, some coke fragments, soft, moist	40	27/ 0.0		Red brick fragments		
5									
6									
7									
8		GRAVELLY SAND	Brown, medium to coarse grained, dense, well graded, moist	90	31/ 0.0		Soil sample (10-12') collected at 16:40 and submitted for laboratory analysis		
9									
10		SAND	Gray, medium grained, dense, poorly graded, saturated	80	40/ 0.9				Groundwater at 12'
11									
12									
13									
14		GRAVELLY SAND	Dark gray, coarse grained, loose, well graded, saturated	90	46/ 10.3		Odor at 12-30'		
15									
16									
17									
18		SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel	90	77/ 320		Yellow product 15-16'		
19									
20									
		SAND	Gray, fine grained		35/ 82		Sheen in fine sand at 18.5'		
		SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel						

	Project Number: JM1710.320	Date Drilled: 5/9/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-22	UTM Northing*: 1641517.542	UTM Easting*: 202359.15
	Boring Location: NA	Surface Elevation*: 754.031


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20		GRAVELLY SAND	Gray, medium/coarse grained, medium dense, well graded, moist	100	40/ 90		
21		SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel				
22		SILT	Gray, dense, moist		45/ 400		
23							
24		GRAVELLY SAND	Gray, coarse, loose, well graded, saturated	100	33/ 220		
25							
26					25/ 89		
27							
28			100	30/ 96			
29							
30		SILTY CLAY	Gray, low plasticity, stiff, dry, trace gravel	9.6/ 9.9	Soil sample (30-32') collected at 16:50 and submitted for laboratory analysis		
31			Brown				
32					End of boring at 32'		

		Project Number: JM1710.320	Date Drilled: 5/15/2013
		Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
		Project Name: B&B Investigation	Driller: EFS - Zach
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-23	UTM Northing*: 1641509.004	UTM Easting*: 202539.46	
	Boring Location: NA	Surface Elevation*: 753.904	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	SAND AND GRAVEL	(Fill) some coke, damp	50	8.0/ 2.0		2" of white porous rock, odor in fill material
1				108/ 2.0		
2			10	58/ 2.0		Soil sample (8-10') collected at 10:10 and submitted for laboratory analysis
3				60/ 1.0		
4			40	35/ 20		
5				40/ 20		
6	SAND	Brown, medium grained, loose, poorly graded, wet	25	90/ 21	Groundwater at 12'	
7				110/ 87		
8	GRAVELLY SAND	Black, coarse grained, loose, well graded, saturated	75	80/ 106		Odor 18-22'
9				95/ 400		
10						
11	SAND	Gray, fine grained, medium dense, poorly graded, saturated				
12						
13	SAND					
14						
15	SAND					
16						
17	SAND					
18						
19	SAND					
20						

	Project Number: JM1710.320	Date Drilled: 5/15/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-23	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641509.004	UTM Easting*: 202539.46
	Boring Location: NA	Surface Elevation*: 753.904


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SAND		100	44/ 523		Soil sample (27-28') collected at 10:20 and submitted for laboratory analysis
21		Medium grained, rounded gravel				
22			100	25/ 31		
23						
24	SILTY CLAY		100	13/ 12		Soil sample (27-28') collected at 10:20 and submitted for laboratory analysis
25						
26			100	7.0/ 8.0		
27		Gray, low plasticity, stiff, damp, trace of sand and gravel				
28						End of boring at 28'









	Project Number: JM1710.320	Date Drilled: 5/9/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-24	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641499.863	UTM Easting*: 202641.39
	Boring Location: NA	Surface Elevation*: 754.923


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Coke, damp	50	2.0/ 1.0		Trace of brick at 2'
1				1.0/ 8.0		
2		Trace of light brown sand	20	1.0/ 3.3		
3	CLAYEY SAND	Dark brown, medium grained, loose, well graded, moist, little gravel (10%)		0.5/ 2.0		
4			50	1.5/ 2.0		Soil sample (8-10') collected at 15:00 and submitted for laboratory analysis
5	SAND	Tan, medium grained, loose, poorly graded, moist, trace gravel (5%)		1.0/ 3.0		
6		Saturated	60	2.0/ 57		
7	GRAVELLY SAND	Dark gray, coarse grained, loose, well graded, saturated		3.0/ 777		Trace of intermittent reddish-brown product, odor 13-15'
8			80	2.0/ 38		
9	SAND	Gray, fine grained, loose, poorly graded, saturated		1.0/ 38		Groundwater at 11'
10						



	Project Number: JM1710.320	Date Drilled: 5/9/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-24	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641499.863	UTM Easting*: 202641.39
	Boring Location: NA	Surface Elevation*: 754.923


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SAND		100	1.0/ 42		No deep sample End of boring at 28'
21						
22		Medium grained	100	1.0/ 18		
23						
24						
25				1.0/ 8.0		
26			100			
27				1.0/ 8.0		
28						










	Project Number: JM1710.320	Date Drilled: 5/9/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-25	UTM Northing*: 1641537.376	UTM Easting*: 202848.55
	Boring Location: NA	Surface Elevation*: 754.621


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		FILL MATERIAL	Coke, damp	50	13/ 0.5		2" of red brick
1							
2			4" of Gravel and crushed stone		8.0/ 1.2		
3		SANDY CLAY	Brown, medium plasticity, soft, moist, trace gravel (5%)	75	42/ 1.0		
4							
5							
6			Light brown		1.2/ 0.5		
7		SAND	Reddish brown, medium grained, loose, poorly graded, moist	50	18.5/ 4.6		Soil sample (10-12') collected at 16:20 and submitted for laboratory analysis Odor and oxidation in sand seam
8							
9			Tan, fine, medium dense, poorly graded, wet		22/ 3.0		
10		SILTY CLAY	Brown, low plasticity, stiff, damp	75	1.0/ 0.5		
11							
12							
13					1.2/ 0.3		
14		SILT	Gray, low plasticity, medium stiff, wet	100	0.8/ 0.2		Saturated at 16'
15	GRAVELLY SAND	Brown, coarse, loose, well graded, saturated					
16		Gray, low plasticity, stiff, damp, trace gravel (5%)	0.8/ 0.2				
17		SILTY CLAY		100	0.8/ 0.2		
18							
19							
20			Dry				

	Project Number: JM1710.320	Date Drilled: 5/9/2013				
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark				
	Project Name: B&B Investigation	Driller: EFS - Zach				
	Drilling Method: Geoprobe	Driller License: NA				
BBSB-25	Site Address: Indianapolis, IN	GW Sample Method: NA				
	UTM Northing*: 1641537.376	UTM Easting*: 202848.55				
	Boring Location: NA	Surface Elevation*: 754.621				
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments


20		SILTY CLAY	100	1.2/ 0.4		Soil sample (22-24') collected at 16:30 and submitted for laboratory analysis End of boring at 24'
21						
22						
23				1.0/ 0.2		
24						

	Project Number: JM1710.320	Date Drilled: 5/21/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: 1" Temporary Well
BBSB-26	UTM Northing*: 1641477.359	UTM Easting*: 202917.48
	Boring Location: NA	Surface Elevation*: 755.062


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		GRAVEL	Crushed stone	60	17/ 0.5		Refusal at 5' on attempt #1
1		SANDY GRAVEL	(Fill) brown, coarse, medium dense, well graded, damp		40/ 1.0		
2							
3					SANDY CLAY	Dark gray, medium plasticity, medium stiff, moist	51/ 14
4							
5	70	365/ 710					
6							
7	100	SAND	Brown, fine grained, dense, poorly graded, saturated	560/ 840		Soil sample (8-10') collected at 10:10 and submitted for laboratory analysis Black staining (9-10')	
8							
9				100			SANDY CLAY
10							
11							
12		SILT	Brown, fine grained, stiff, dense, wet	140/ 96			
13							
14							
15		SILT	Brown, medium plasticity, soft, wet	51/ 29			
16							
17							
18		SAND	Brown, fine grained, dense, poorly graded, saturated	13/ 1.1			
19							
20							
21		SAND	Gray, fine grained, dense, poorly graded, saturated	15/ 3.9			
22							
23							
24		SANDY CLAY	Gray, low plasticity, stiff, dry, trace gravel	100			
25							
26							

	Project Number: JM1710.320	Date Drilled: 5/21/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-26	Site Address: Indianapolis, IN	GW Sample Method: 1" Temporary Well
	UTM Northing*: 1641477.359	UTM Easting*: 202917.48
	Boring Location: NA	Surface Elevation*: 755.062





Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SILTY CLAY		100	3.2/ 0.7		Groundwater sample (screened from 5-15') collected at 10:30 and submitted for laboratory analysis, MS/MSD
21						
22				2.9/ 0.1		Soil sample (22-24') collected at 10:20 and submitted for laboratory analysis
23						
24						End of boring at 24'


	Project Number: JM1710.320	Date Drilled: 5/10/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-27	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641644.161	UTM Easting*: 202128.08
	Boring Location: NA	Surface Elevation*: 750.562

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	CLAY	(Fill) some coke and gravel, moist	50	1.0/ 0.4		Brick fragments at 3.5'
1				2.0/ 41		
2			30	2.0/ 36		
3				2.0/ 28		
4	SANDY CLAY		50	3.0/ 47		Brick fragments at 8'
5				4.0/ 64		
6		Gray, high plasticity, soft, moist	60	7.0/ 139		Soil sample (12-14') collected at 9:40 and submitted for laboratory analysis
7				9.0/ 139		
8	GRAVELLY SAND	Gray, medium dense, well graded, wet	50	8.0/ 51		
9		Saturated		6.0/ 64		
10			50	6.0/ 64		Odor 11-24'
11				6.0/ 64		
12	CLAY	Gray, medium stiff, moist	50	6.0/ 64		Groundwater at 15'
13	GRAVELLY SAND	Gray, medium dense, well graded, saturated		6.0/ 64		


	Project Number: JM1710.320	Date Drilled: 5/10/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-27	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641644.161	UTM Easting*: 202128.08
	Boring Location: NA	Surface Elevation*: 750.562




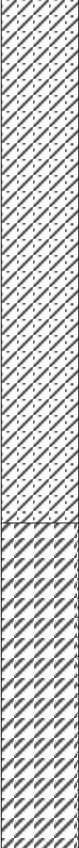
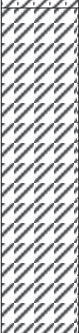
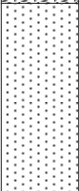
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	GRAVELLY SAND		75	10/ 72		Odor, reddish-brown, DNAPL 25-26'
21				18/ 190		
22			75	60/ 68		
23				15/ 73		
24	SILTY CLAY	Greenish-gray, low plasticity, stiff, damp	75	1.0/ 57		Soil sample (30-32') collected at 9:50 and submitted for laboratory analysis
25				1.0/ 7.0		
26		Gray	100			
27						
28						
29						
30						
31						
32						End of boring at 32'


		Project Number: JM1710.320		Date Drilled: 5/10/2013		
		Client Name: Citizens Energy Group		Personnel: M.Oslos-Ark		
		Project Name: B&B Investigation		Driller: EFS - Zach		
		Drilling Method: Geoprobe		Driller License: NA		
		Site Address: Indianapolis, IN		GW Sample Method: NA		
BBSB-28		UTM Northing*: 1641599.69		UTM Easting*: 202191.39		
		Boring Location: NA		Surface Elevation*: 752.329		
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		Some crushed stone	50	2.0/ 2.0		2-3' higher in elevation than BBSB-27
1						
2		(Fill) some coke and gravel, moist	50	5.0/ 4.0		Odor 6-18'
3						
4						
5			10/ 4.0			
6			50			
7			50	13/ 8.0		
8						
9		Very soft	50	13/ 22		
10		Dark gray to black, low plasticity, medium stiff, damp		50		
11	SILTY CLAY		50			
12						
13						
14			50	78/ 53		
15		Soft, moist		50		52/ 70
16	GRAVELLY SAND	Black, medium dense, well graded, medium grained, damp	50			
17						
18		Saturated		215/ 184		
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/10/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-28	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641599.69	UTM Easting*: 202191.39
	Boring Location: NA	Surface Elevation*: 752.329


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	GRAVELLY SAND	Trace of clay	75	105/ 55		Sheen on fine sand
21				165/ 300		
22	SAND	Dark gray, fine, loose, poorly graded, saturated	100	146/ 914		
23				190/ 143		
24	GRAVELLY SAND	Black, medium dense, well graded, medium grained, damp				Heaving sand, EFS cannot go deeper with current tooling. No deep sample.
25						End of boring at 28'
26						
27						
28						










	Project Number: JM1710.320	Date Drilled: 5/10/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-29	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641583.294	UTM Easting*: 202804.24
	Boring Location: NA	Surface Elevation*: 754.384


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		ASPHALT	Some crushed stone	60	1.2/ 3.2		No odor Soil sample (4-6') collected at 13:15 and submitted for laboratory analysis
1		SANDY GRAVEL	(Fill) black, some coke, dry		1.8/ 2.0		
2							
3							
4		SANDY CLAY	Dark brown, medium plasticity, medium stiff, damp	100	2.2/ 3.2		
5							
6					2.0/ 0.0		
7							
8			2" Coarse sand, dry	50	2.7/ 0.4		
9			Light brown				
10	Saturated						
11			3.2/ 0.6				
12		SILTY CLAY	Some gravel	60	14/ 2.7		
13			Brown, low plasticity, stiff, damp, trace gravel				
14					5.2/ 1.2		
15							
16							
17		SAND	Gray, fine grained, dense, poorly graded, saturated	100	6.7/ 3.5		
18					4.9/ 1.2		
19							
20							

	Project Number: JM1710.320	Date Drilled: 5/10/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-29	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641583.294	UTM Easting*: 202804.24
	Boring Location: NA	Surface Elevation*: 754.384


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SAND		100	1.3/ 0.2		Soil sample (26-28') collected at 13:30 and submitted for laboratory analysis, MS/MSD End of boring at 28'
21						
22	SILTY CLAY	Gray, low plasticity, stiff, dry, trace gravel	100	1.3/ 0.1		
23						
24				0.5/ 0.2		
25						
26						
27				0.6/ 0.2		
28						




	Project Number: JM1710.320	Date Drilled: 5/10/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-30	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641729.96	UTM Easting*: 201938.55
	Boring Location: NA	Surface Elevation*: 747.487


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments		
0		FILL MATERIAL	Some coke and gravel	50	2.0/ 1.5				
1									
2									
3		SAND	(Fill) Brown and blue, fine grained, loose, poorly graded, damp		2.0/ 0.5				
4		GRAVELLY SAND	(Fill) Gray, coarse grained, loose, well graded, moist	50	1.5/ 0.5				
5		SANDY CLAY	(Fill) Gray, medium plasticity, soft, trace of sand and gravel, moist						
6			(Fill) Brown and black, some coke fragments, non-plastic, medium stiff, damp		2.0/ 1.0				
7									
8		CLAYEY SILT	Brown, low plasticity, soft, damp	50	2.0/ 1.5				
9									
10		GRAVELLY SAND	Dark gray, coarse grained, medium dense, well graded, moist	50	5.0/ 1.0		Soil sample (10-12') collected at 15:30 and submitted for laboratory analysis		
11									
12				Light gray, saturated	25			1.5/ 2.4	
13									
14					1.0/ 2.0				
15									
16			Black	100	1.0/ 1.3		Groundwater at 16'		
17		SILTY CLAY	Gray, low plasticity, hard, damp, trace gravel (5%)						
18					1.0/ 1.0				
19							Soil sample (18-20') collected at 15:40 and submitted for laboratory analysis		
20							End of boring at 20'		

	Project Number: JM1710.320	Date Drilled: 5/10/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-31	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641715.619	UTM Easting*: 202148.62
	Boring Location: NA	Surface Elevation*: 749.500


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	SAND AND GRAVEL	(Fill) damp	60	1.0/ 1.0		Refusal at 6', moved ~5' SW
1		Some coke		2.0/ 10		Refusal at 4', moved ~5' NW
2	SILTY CLAY	(Fill) dark gray, medium plasticity, medium stiff, moist, trace of sand, gravel, and coke	50	14/ 55		Odor 3-26'
3		Black, increase in coke, very soft		27/ 70		
4				36/ 88		
5				33/ 76		
6			50	82/ 94		Soil sample (12-14') collected at 14:20 and submitted for laboratory analysis
7				60/ 103		
8				52/ 88		Groundwater, sheen, and intermittent reddish-brown product at 15'
9				50/ 138		
10	GRAVELLY SAND	Dark grayish-black, coarse grained, medium dense, well graded, saturated	50			
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/10/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-31	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641715.619	UTM Easting*: 202148.62
	Boring Location: NA	Surface Elevation*: 749.500


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20		GRAVELLY SAND		50	37/ 103		Reddish-brown product 22-26'
21					112/ 650		
22				75	96/ 530		Soil sample (27-28') collected at 14:30 and submitted for laboratory analysis
23					22/ 50		
24			Increase in rounded gravel				
25							
26		SILTY CLAY	Dark brown, low plasticity, hard, damp, trace gravel (5%)	75			
27							
28							End of boring at 28'

	Project Number: JM1710.320	Date Drilled: 5/14/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-32	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641711.709	UTM Easting*: 202250.94
	Boring Location: NA	Surface Elevation*: 751.803


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	CONCRETE					Probed first bore hole and hit refusal at 10', very hard, might be concrete. Black oil on bottom of cutting shoe. Probed second hold, refusal again at 10. No black oil. Hole 3, no refusal at 10'.
1	SAND AND GRAVEL	(Fill) some coke	50	3.0/ 40		
2				4.0/ 35		
3						
4						
5		Wet	50	10/ 53		
6	SANDY CLAY			35/ 1,599		Green sheen 6-8'
7						
8						
9				96/ 539		
10			50	90/ 715		
11	GRAVELLY SAND	Black, medium plasticity, medium stiff, moist				
12		Light brown				Soil sample (12-14') collected at 10:00 and submitted for laboratory analysis
13		Soft		150/ 785		
14			50	95/ 838		
15		Black and gray, coarse, loose, well graded, saturated				Groundwater at 15'
16				125/ 530		
17						
18			50	123/ 400		
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/14/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-32	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641711.709	UTM Easting*: 202250.94
	Boring Location: NA	Surface Elevation*: 751.803

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	GRAVELLY SAND		50	210/ 600		
21						
22				65/ 66		
23	SILTY CLAY	Dark gray, low plasticity, stiff, damp, little gravel (10%) Black and gray, coarse grained, loose, well graded, saturated	75	66/ 115		Reddish-brown product 24-26'
24						
25	GRAVELLY SAND					
26	SILTY CLAY	Brownish-gray, low plasticity, stiff, damp, trace gravel (5%)	75	4.0/ 9.0		Soil sample (26-28') collected at 10:10 and submitted for laboratory analysis
27						
28						End of boring 28'


	Project Number: JM1710.320	Date Drilled: 5/14/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-33	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641713.079	UTM Easting*: 202384.97
	Boring Location: NA	Surface Elevation*: 771.032

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	CONCRETE		20	15/ 26		Hole 1: Refusal at 4', greenish-product in borehole from 3-4'
1	SILTY CLAY	(Fill) brown, low plasticity, medium stiff, dry				Hole 2: Refusal at 4'
2	SAND AND GRAVEL	(Fill) black, wet		60/ 115		Hole 3: Refusal at 4'
3						
4						End of boring at 4'


	Project Number: JM1710.320	Date Drilled: 5/14/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-34	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641709.876	UTM Easting*: 202449.25
	Boring Location: NA	Surface Elevation*: 751.591

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
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0		CONCRETE	NA	NA/ NA		Hole 1: Refusal at 4'
1						Hole 2: Refusal at 4'
2		(Fill)		NA/ NA		Hole 3: Refusal at 4'
3						groundwater in borehole below concrete, sheen on groundwater
4						End of boring at 4'

	Project Number: JM1710.320	Date Drilled: 5/14/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-35	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641710.9356	UTM Easting*: 202534.59
	Boring Location: NA	Surface Elevation*: 751.988


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	CONCRETE	Some crushed stone, wet	50	93/ 13		Intermittent black product at 2.5'
1						
2	SILTY CLAY	Black, high plasticity, soft, moist	100	68/ 2,200		Soil sample (6-8') collected at 14:20 and submitted for laboratory analysis
3						
4		Brownish-gray, medium stiff		32/ 1,300		
5		Black, soft		60/ 1,869		
6	SAND	Greenish-gray, medium grained, medium dense, well graded, wet, trace gravel (5%)	75	140/ 2,400		Yellowish-brown product 8-10'
7						
8			100	46/ 788		
9						
10						
11	CLAYEY SILT	Saturated	100	40/ 613		Groundwater at 13'
12						
13	SAND	Gray, low plasticity, medium stiff, moist	75	22/ 164		
14		Dark gray, fine grained, loose, well graded, saturated		17/ 135		
15		Medium grained		13/ 426		

	Project Number: JM1710.320	Date Drilled: 5/14/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-35	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641710.9356	UTM Easting*: 202534.59
	Boring Location: NA	Surface Elevation*: 751.988


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SAND		100	12/ 230		Soil sample (26-28') collected at 14:35 and submitted for laboratory analysis, MS/MSD
21						
22		Coarse grained				
23			100	9.0/ 145		
24						
25				13/ 186		
26	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel	100			End of boring at 28'
27						
28						




	Project Number: JM1710.320	Date Drilled: 5/14/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-36	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641708.217	UTM Easting*: 202654.38
	Boring Location: NA	Surface Elevation*: 753.745


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	GRAVEL	Crushed stone, damp	50	4.0/ 8.0		Coal tar 4-6'
1		(Fill) moist		6.0/ 22		
2	SAND AND GRAVEL	Wet	50	48/ 75		
3		(Fill) wet		6.0/ 351		
4	COAL		50			Refusal at 9'. Moved ~5' N. on opposite side of drive. Same description with refusal at 10'. Third hole, moved ~5' E. from halfway point between first and second holes. Refusal at ~2' in third hole.
5						
6	SAND	Gray, medium grained, poorly graded, wet	NA	NA/ NA		End of boring at 10'
7						
8						
9						
10						

		Project Number: JM1710.320	Date Drilled: 5/10/2013
		Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
		Project Name: B&B Investigation	Driller: Ark
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-37	UTM Northing*: 1641719.344	UTM Easting*: 202770.84	
	Boring Location: NA	Surface Elevation*: 754.385	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	GRAVEL	(Fill) black	75	14.6/ 1.2		Odor at 0-18'
1	SANDY CLAY	(Fill) tan, some crushed stone				
2	GRAVEL	(Fill) black, some sand and gravel				
3	CLAY	Some crushed stone	75	330/ 120		Intermittent product (reddish-brown) at 3-3.5'
4	CONCRETE	(Fill) black, some wood fragments				
5	SILTY CLAY	Black, medium plasticity, soft, moist				
6	SANDY CLAY	Black, medium plasticity, soft, moist	75	188/ 151		Intermittent product (reddish-brown) at 6-7'
7						
8						
9	SANDY CLAY	Gray, medium stiff, trace gravel	50	93/ 111		Soil sample (8-10') collected at 15:50 and submitted for laboratory analysis
10						
11						
12	SANDY GRAVEL	Dark gray, coarse grained, loose, well graded, saturated	75	106/ 190		Saturated at 12'
13						
14						
15	SANDY GRAVEL		75	39/ 110		Sheen at 12-18'
16						
17						
18	SANDY CLAY	Gray, medium plasticity, stiff, damp, trace gravel	100	95/ 220		3" coal tar on sandy clay
19						
20						




	Project Number: JM1710.320	Date Drilled: 5/10/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-37	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641719.344	UTM Easting*: 202770.84
	Boring Location: NA	Surface Elevation*: 754.385


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	 SANDY CLAY		100	5.6/ 9.1		Soil sample (22-24') collected at 16:05 and submitted for laboratory analysis End of boring at 24'
21	 SAND	Gray, medium to coarse grained, medium dense, well graded, saturated				
22	 SILTY CLAY	Gray, medium plasticity, stiff, dry, trace gravel		2.0/ 0.3		
23						
24						


	Project Number: JM1710.320	Date Drilled: 5/20/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: 1" Temporary Well
BBSB-38	UTM Northing*: 1641746.75	UTM Easting*: 202004.86
	Boring Location: NA	Surface Elevation*: 747.112

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Black, some coal, coke, sand, and clay, damp	50	96/ 1.2		Blue staining 2-4'
1				111/ 1.4		
2			75	98/ 7.2		Odor at 2-20'
3				105/ 6.7		
4	SILTY CLAY	Black, medium plasticity, medium stiff, moist	80	87/ 3.1		Soil sample (6-8') collected at 14:00 and submitted for laboratory analysis
5				140/ 29		
6	SAND	Dark gray to black, medium grained, dense, damp, poorly graded	90	155/ 32		Groundwater at 10'
7				129/ 35		
8	GRAVELLY SAND	Black, coarse, medium dense, well graded, saturated	90	133/ 41		Sheen 10-14'
9				130/ 38		
10			90	133/ 41		
11				130/ 38		
12	SILTY CLAY	Brown, stiff, damp	90	133/ 41		Groundwater sample (screened from 9-19') collected at 14:20 and submitted for laboratory analysis, Duplicate sample
13	SANDY GRAVEL	Black, coarse, loose, well graded, saturated		130/ 38		
14			90	133/ 41		
15				130/ 38		
16			90	133/ 41		
17				130/ 38		
18						
19						
20						


	Project Number: JM1710.320	Date Drilled: 5/20/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-38	Site Address: Indianapolis, IN	GW Sample Method: 1" Temporary Well
	UTM Northing*: 1641746.75	UTM Easting*: 202004.86
	Boring Location: NA	Surface Elevation*: 747.112

Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20		SANDY GRAVEL		100	100/ 31		Soil sample (22-24') collected at 14:15 and submitted for laboratory analysis, MS/MSD
21			Brown, low plasticity, stiff, dry				
22	SILTY CLAY		Gray				
23							
24							


		Project Number: JM1710.320		Date Drilled: 5/20/2013		
		Client Name: Citizens Energy Group		Personnel: M.Cooper-Ark		
		Project Name: B&B Investigation		Driller: Ark		
		Drilling Method: Geoprobe		Driller License: NA		
		Site Address: Indianapolis, IN		GW Sample Method: 1" Temporary Well		
BBSB-39		UTM Northing*: 1641794.035		UTM Easting*: 202053.28		
		Boring Location: NA		Surface Elevation*: 748.215		
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Black, some coal, coke, sand, gravel, and clay	60	120/ 11		Blue staining 2-4' Wood chips at 2-10' Odor at 2-20'
1				680/ 870		
2						
3			30	450/ 39		
4				390/ 155		
5	SANDY CLAY	(Fill) black, soft, moist	90	930/ 250		Soil sample (8-10') collected at 16:25 and submitted for laboratory analysis
6						
7						
8	GRAVEL	Light gray, some crushed stone	50	105/ 95		
9	SILTY CLAY	Dark gray, low plasticity, stiff, damp				
10						
11	SANDY GRAVEL	Black, coarse, medium dense, well graded, saturated	50	510/ 600		Groundwater at 14' Yellow/brown product 14-16'
12				1,200/ 780		
13						
14			100	320/ 105		
15				365/ 284		
16						Groundwater sample (screened from 10-20') collected at 16:45 and submitted for laboratory analysis
17						
18						
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/20/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-39	Site Address: Indianapolis, IN	GW Sample Method: 1" Temporary Well
	UTM Northing*: 1641794.035	UTM Easting*: 202053.28
	Boring Location: NA	Surface Elevation*: 748.215


Depth (ft.)	Soil Type		Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SILTY CLAY			100	20/ 5.7		Soil sample (22-24') collected at 16:35 and submitted for laboratory analysis End of boring at 24'
21		Brown, low plasticity, dense, damp, trace gravel					
22		Gray, dry			7.2/ 0.1		
23							
24							

		Project Number: JM1710.320	Date Drilled: 5/13/2013
		Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
		Project Name: B&B Investigation	Driller: Ark - Chris
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-40	UTM Northing*: 1641783.689	UTM Easting*: 202225.18	
	Boring Location: NA	Surface Elevation*: 751.421	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0	GRAVEL	(Fill) black, damp, some coke	50	0.5/ 4.0		Odor 3-28'	
1				0.5/ 7.5			
2		GRAVELLY SAND		25			3.0/ 14
3							32/ 51
4							
5	GRAVELLY SAND	Increase in coke	25			Soil sample (10-12') collected at 11:10 and submitted for laboratory analysis	
6							
7							
8							
9	SANDY CLAY	Wet, decrease in coke	100	23/ 313		Groundwater at 17' Trace of yellowish brown product	
10							
11							
12							
13	SANDY CLAY		100	25/ 750			
14							
15	SAND	Gray, fine grained, loose, poorly graded, wet	100	23/ 650			
16							
17	SAND		50	45/ 900			
18							
19							
20	GRAVELLY SAND	Greenish-gray, medium grained, medium dense, well graded, saturated	50	45/ 750			

	Project Number: JM1710.320	Date Drilled: 5/13/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: Ark - Chris
	Drilling Method: Geoprobe	Driller License: NA
BBSB-40	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641783.689	UTM Easting*: 202225.18
	Boring Location: NA	Surface Elevation*: 751.421


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	GRAVELLY SAND	Increase in rounded gravel	100	38/ 400		Reddish-brown product on top of clay 27-28'
21				51/ 799		
22			100	18/ 250		
23				13/ 124		
24	SILTY CLAY	Gray, low plasticity, hard, damp, trace gravel (5%)	100	30/ 72		Soil sample (30-32') collected at 11:20 and submitted for laboratory analysis
25				6.0/ 17		
26			100			
27						
28						End of boring at 32'
29						
30						
31						
32						

	Project Number: JM1710.320	Date Drilled: 5/22/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Mike
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-41	UTM Northing*: 1641811.852	UTM Easting*: 202344.46
	Boring Location: NA	Surface Elevation*: 752.101


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	SANDY CLAY	(Fill) damp, some gravel and coke	50	2.0/ 2.0		Wood fragments 3-8' Odor 3-27'
1				30/ 10		
2				150/ 53		
3		Moist	10	260/ 100		
4						
5	SILTY CLAY	Dark gray, medium plasticity, medium stiff, moist	100	230/ 60		Soil sample (10-12') collected at 9:30 and submitted for laboratory analysis, BBSBD-12
6				430/ 516		
7		Soft				
8	GRAVELLY SAND	Greenish-black, medium grained, loose, well graded, saturated	100	700/ 1,100		
9				250/ 185		
10		Dark gray, low plasticity, medium stiff, damp, trace gravel (3%)		160/ 105		
11	SANDY CLAY		100			Groundwater at 12' Sheen 12-14.5'
12		Gray, low plasticity, medium stiff, moist		100/ 83		
13	SILT					
14						
15						
16	SAND					
17						
18						
19						
20						





	Project Number: JM1710.320	Date Drilled: 5/22/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Mike
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-41	UTM Northing*: 1641811.852	UTM Easting*: 202344.46
	Boring Location: NA	Surface Elevation*: 752.101


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SAND		100	135/ 180		
21		Rounded gravel (50%)				
22			75	145/ 130		
23						
24	SILTY CLAY			120/ 90		
25		Fine grained	100			
26		Medium grained				
27		Brown, low plasticity, stiff, damp, trace gravel		10/ 25		
28			100	3.0/ 2.0		
29						
30		Dry				
31		Gray		2.0/ 2.0		
32						Soil sample (30-32') collected at 9:45 and submitted for laboratory analysis End of boring at 32'

	Project Number: JM1710.320	Date Drilled: 5/13/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: Ark - Chris
	Drilling Method: Geoprobe	Driller License: NA
BBSB-42	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641828.986	UTM Easting*: 202445.70
	Boring Location: NA	Surface Elevation*: 752.760


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	SANDY GRAVEL	(Fill) damp, some coke and coal fragments	50	0.5/ 2.0		Green product 4-6' Odor 4-15' Wood chips 5-6' Soil sample (6-8') collected at 12:45 and submitted for laboratory analysis, BBSBD-5
1				2.0/ 3.0		
2		Wet	50	72/ 1,000		
3		Damp		56/ 425		
4	SANDY CLAY	Black, high plasticity, soft, moist	100	37/ 360		Groundwater at 14.5' Yellowish-brown product at 14.5-15'
5		Gray, medium stiff		32/ 244		
6		Black, soft	100	38/ 225		
7		Gray, coarse grained, loose, well graded, saturated		78/ 950		
8	GRAVELLY SAND		100	34/ 180		
9				17/ 150		
10	SILTY CLAY		100			
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/13/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: Ark - Chris
	Drilling Method: Geoprobe	Driller License: NA
BBSB-42	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641828.986	UTM Easting*: 202445.70
	Boring Location: NA	Surface Elevation*: 752.760


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	 SILTY CLAY		100	12/ 240		Soil sample (22-24') collected at 12:55 and submitted for laboratory analysis End of boring at 24'
21	 GRAVELLY SAND	Gray, coarse grained, loose, well graded, wet, increase in gravel				
22	 SANDY CLAY	Gray, medium plasticity, medium stiff, moist, trace gravel (4%)		7.0/ 18		
23						
24						

	Project Number: JM1710.320	Date Drilled: 5/13/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: Ark - Chris
	Drilling Method: Geoprobe	Driller License: NA
BBSB-43	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641814.126	UTM Easting*: 202543.60
	Boring Location: NA	Surface Elevation*: 753.851


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	SAND AND GRAVEL	(Fill) coke and coal fragments	50	105/230		Trace of green product at 5-7'
1				115/260		
2		Wet	75	125/355		
3				140/615		
4	SANDY CLAY	Black, medium plasticity, medium stiff, little gravel (8%)	75	80/ 650		Soil sample (10-12') collected at 14:45 and submitted for laboratory analysis
5				88/ 1,100		
6		Soft	100	55/ 413		
7				145/ 1,500		
8	GRAVELLY SAND	Gray, coarse grained, loose, well graded, saturated	100	40/ 125		Groundwater at 14.5' Yellowish-brown product 14.5-15'
9	SILTY CLAY	Brown, low plasticity, stiff, damp		27/ 130		
10	SAND	Gray, fine grained, loose, poorly graded, saturated				


	Project Number: JM1710.320	Date Drilled: 5/13/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: Ark - Chris
	Drilling Method: Geoprobe	Driller License: NA
BBSB-43	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641814.126	UTM Easting*: 202543.60
	Boring Location: NA	Surface Elevation*: 753.851


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SAND	Medium grained, well graded, some gravel	100	30/ 118		Soil sample (24-26') collected at 14:55 and submitted for laboratory analysis
21						
22	SANDY CLAY	Gray, medium plasticity, medium stiff, moist, trace gravel (3%)	100	25/ 91		
23						
24	SILTY CLAY	Brownish-gray, low plasticity, stiff, damp, trace gravel	100	11/ 27		End of boring at 26'
25						
26						









	Project Number: JM1710.320	Date Drilled: 5/13/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: Ark - Chris
	Drilling Method: Geoprobe	Driller License: NA
BBSB-44	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641815.232	UTM Easting*: 202639.55
	Boring Location: NA	Surface Elevation*: 753.997


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	SAND AND GRAVEL	(Fill) damp, some coke fragments	50	3.0/ 8.0		Soil sample (2-4') collected at 16:40 and submitted for laboratory analysis
1				189/ 320		
2			10	200/ 515		Groundwater at 6'
3				82/ 500		
4			10	78/ 522		Reddish-brown product 8-21'
5				110/ 756		
6		Saturated	20	140/ 560		Wood chunks at 12'
7				115/ 650		
8			20	105/ 700		Large pieces of coal at 14-16'
9				62/ 200		
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/13/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: Ark - Chris
	Drilling Method: Geoprobe	Driller License: NA
BBSB-44	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641815.232	UTM Easting*: 202639.55
	Boring Location: NA	Surface Elevation*: 753.997


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	 SAND AND GRAVEL		75	40/ 155		Wood chunks at 20'
21	 SILTY CLAY	Gray, medium plasticity, stiff, moist, trace gravel (5%)		25/ 75		
22			100	22/ 100		Soil sample (26-28') collected at 16:50 and submitted for laboratory analysis
23	 SANDY GRAVEL	Gray, coarse grained, loose, well graded, saturated				
24	 SANDY CLAY	Gray, medium plasticity, medium stiff, moist, trace gravel (4%)		14/ 32		
25						
26						
27						
28						End of boring at 28'

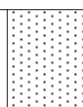


	Project Number: JM1710.320	Date Drilled: 5/14/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-45	UTM Northing*: 1641807.94	UTM Easting*: 202742.79
	Boring Location: NA	Surface Elevation*: 755.022


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		COKE	(Fill) black, dry	80	22/ 1.6		
1		GRAVEL	(Fill) some crushed stone				
2		COKE	(Fill) black, dry, some crushed stone		16/ 0.3		
3		SANDY CLAY	(Fill) brown to black, some coke fragments				
4			80	26/ 1.2			
5		SAND			(Fill) saturated, some coke		
6		SILTY CLAY	Gray, medium plasticity, soft, wet	80	31/ 3.3		
7			Medium stiff, moist				
8			50	9.2/ 0.7			
9					Soft, wet		
10					14/ 0.8		
11							
12			90	25/ 0.0			
13					Brown, high plasticity, damp		
14					28/ 0.0		
15							
16		Gray, medium plasticity, stiff	100	31/ 4.8	 Soil sample (16-18') collected at 15:45 and submitted for laboratory analysis		
17				30/ 4.7			
18							
19							
20							












	Project Number: JM1710.320	Date Drilled: 5/14/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-45	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641807.94	UTM Easting*: 202742.79
	Boring Location: NA	Surface Elevation*: 755.022


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SANDY CLAY	Gray, medium plasticity, medium stiff, moist	100	17/ 1.6		Groundwater at 23.5' Odor 23.5-42'
21				21/ 2.5		
22						
23	GRAVELLY SAND	Gray, medium to coarse grained, medium dense, saturated	100	114/ 202		Small amount of reddish-brown product 26.5' Black staining 27.5-28'
24				26/ 41		
25	SAND	Brown, fine grained, dense, saturated				
26	GRAVELLY SAND	Gray, coarse grained, medium dense, saturated	100	91/ 47		1" coal tar on silty clay at 30'
27				55/ 21		
28	SILTY CLAY	Gray, dry				
29	GRAVELLY SAND	Gray, coarse grained, medium dense, saturated	100	190/ 160		Sheen 32-41.75'
30				690/ 1,900		
31	SILTY CLAY	Gray, low plasticity, stiff, dry				
32	GRAVELLY SAND	Gray, coarse grained, medium dense, well graded, saturated	100	280/ 710		Reddish-brown product 37-41.75'
33				275/ 1,600		
34	SAND	Gray, fine to medium grained, dense, poorly graded, saturated	NA			
35						
36						
37						
38						
39						
40						


	Project Number: JM1710.320	Date Drilled: 5/14/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-45	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641807.94	UTM Easting*: 202742.79
	Boring Location: NA	Surface Elevation*: 755.022


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
40	 SAND		100	145/ 980		Soil sample (41.75-42') collected at 15:25 and submitted for laboratory analysis Could not advance beyond 42' End of boring at 42'
41						
42	 SILTY CLAY	Gray, low plasticity, stiff, dry				

	Project Number: JM1710.320	Date Drilled: 5/21/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-46	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641766.954	UTM Easting*: 202819.79
	Boring Location: NA	Surface Elevation*: 755.540


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0		ASPHALT	Some crushed stone	75	32/ 12		Refusal at 13.5' on first attempt, 13.5' on second attempt, 13.5' on third attempt, 3' on fourth attempt, and 2' on fifth attempt. No refusal on sixth attempt.	
1		SANDY GRAVEL	Black, dry, some coke and coal fragments					
2								
3					44/ 24			
4		SANDY CLAY	Black, damp, some coke and coal fragments	75	40/ 22		Soil sample (6-8') collected at 13:45 and submitted for laboratory analysis 3" red brick at 7'	
5								
6								
7					200/ 107			
8		SANDY GRAVEL	Black, coarse, loose, well graded, saturated	90	305/ 960		Groundwater at 8'	
9								
10								
11		SANDY CLAY	Dark gray, medium plasticity, soft, wet	100	2,400/ 3,800		6" reddish-brown product at 10.5'	
12		GRAVELLY SAND	(Fill) dark gray, coarse grained, medium dense, well graded, saturated					
13								
14		SAND	(Fill) black, medium grained, dense, poorly graded, saturated	100	3,000/ 4,700		Red brick fragments 12-14'	
15		CLAY	(Fill) black, soft, wet					
16								
17		SAND	(Fill) black, medium grained, dense, poorly graded	100	161/ 230		2" coal tar on clay at 15.5'	
18		CLAY	Black, soft, wet					
19								
20		SANDY GRAVEL	Black, coarse grained, loose, well graded, saturated	100	125/ 310		Reddish-brown product at 17-19'	
21								
22		SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel		7.6/ 12.3			




	Project Number: JM1710.320	Date Drilled: 5/21/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-46	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641766.954	UTM Easting*: 202819.79
	Boring Location: NA	Surface Elevation*: 755.540


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	 SILTY CLAY		100	4.2/ 10		Soil sample (22-24') collected at 13:55 and submitted for laboratory analysis End of boring at 24'
21						
22						
23				3.9/ 7.1		
24						

	Project Number: JM1710.320	Date Drilled: 5/15/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: 1" Temporary Well
BBSB-47	UTM Northing*: 1641804.017	UTM Easting*: 202944.67
	Boring Location: NA	Surface Elevation*: 756.344


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Black, dry, some coke and coal	90	63/ 0.0		
1		Wet		69/ 0.0		
2	SANDY CLAY	Greenish-blue, medium plasticity, soft, moist	75	84/ 1.3		Soil sample (4-6') collected at 10:00 and submitted for laboratory analysis
3						
4		Brown, stiff, damp		72/ 1.2		
5						
6	GRAVELLY SAND	Brown, medium/coarse grained, loose, well graded, saturated, some clay	60	58/ 2.4		Groundwater at 8.5'
7						
8				73/ 1.9		
9	SAND	Gray, medium grained, medium dense, poorly graded, saturated	50	165/ 4.5		Odor 13-15.5'
10	GRAVELLY SAND	Black, coarse grained, medium dense, well graded, saturated		206/ 227		
11	SILTY CLAY	Black				
12	SAND	Gray, medium grained, medium dense, poorly graded, saturated	80	80/ 9.7		Groundwater sample (screened from 7-17") collected at 10:15 and submitted for laboratory analysis 2" Black coal tar at 15.5' on top of clay
13	SANDY GRAVEL	Gray, coarse grained, medium dense, well graded, saturated				
14	SILTY CLAY	Gray, low plasticity, stiff, dry		59/ 2.6		
15	SANDY CLAY					
16						
17						
18						
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/15/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-47	Site Address: Indianapolis, IN	GW Sample Method: 1" Temporary Well
	UTM Northing*: 1641804.017	UTM Easting*: 202944.67
	Boring Location: NA	Surface Elevation*: 756.344


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20		SANDY GRAVEL	Gray, coarse grained, medium dense, well graded, saturated	100	57/ 3.9		Soil sample (26-28') collected at 10:10 and submitted for laboratory analysis End of boring at 28'
21							
22							
23		SILTY CLAY	Gray, low plasticity, stiff, dry	100	32/ 1.5		
24							
25					9.2/ 0.1		
26							
27					6.9/ 0.0		
28							


	Project Number: JM1710.320	Date Drilled: 5/22/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Mike
	Drilling Method: Geoprobe	Driller License: NA
BBSB-48	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641904.936	UTM Easting*: 202247.61
	Boring Location: NA	Surface Elevation*: 750.182






Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	GRAVELLY SANDY CLAY	(Fill) damp	75	2.0/ 1.0		3" wood chips at 3'
1				7.0/ 9.0		
2						
3	SILTY CLAY	Black and brown, medium stiff, medium plasticity, moist, trace sand and gravel	10	14/ 20		Odor 8-25' Black staining 10-16'
4				12/ 21		
5			25	16/ 26		
6				20/ 60		
7			50	16/ 53		
8		Soft		23/ 64		
9			75	140/ 115		Groundwater at 16' Intermittent greenish product 16-17'
10				150/ 125		
11	GRAVELLY SAND	Gray, medium grained, loose, well graded, saturated	75			
12						
13						
14						
15						
16						
17						
18						
19						
20						


	Project Number: JM1710.320	Date Drilled: 5/22/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Mike
	Drilling Method: Geoprobe	Driller License: NA
BBSB-48	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641904.936	UTM Easting*: 202247.61
	Boring Location: NA	Surface Elevation*: 750.182

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	GRAVELLY SAND		100	160/ 185		
21				162/ 190		
22			100	65/ 76		
23		Increase in rounded gravel		13/ 16		
24	SILTY CLAY		100			Soil sample (26-28') collected at 10:55 and submitted for laboratory analysis
25		Gray, low plasticity, stiff, damp, trace gravel (5%)				
26						End of boring at 28'
27						
28						


		Project Number: JM1710.320	Date Drilled: 5/15/2013				
		Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark				
		Project Name: B&B Investigation	Driller: Ark				
		Drilling Method: Geoprobe	Driller License: NA				
		Site Address: Indianapolis, IN	GW Sample Method: NA				
BBSB-49	UTM Northing*: 1641905.915	UTM Easting*: 202346.17					
	Boring Location: NA	Surface Elevation*: 750.631					
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0	SAND	(Fill) black, dry, some coke and coal	80	4.6/ 0.1	<div></div>	Refusal at 12.5' on first attempt, 12' on second attempt, 12' on third attempt	
1		Moist		146/ 61		Blue staining 2-4' (cyanide)	
2						Odor 2-8'	
3		Saturated	60	258/ 129		<div></div>	Soil sample (4-6') collected at 15:45 and submitted for laboratory analysis
4				114/ 147			
5							
6	SILTY CLAY	Gray, medium plasticity, stiff, damp	80	42/ 35	<div></div>		
7				19/ 21			
8							
9	GRAVEL	Light gray, coarse grained, dense, well graded, dry	70	175/ 780		Gravel at 12'	
10	SAND	Gray, medium to coarse grained, medium dense, poorly graded, saturated		132/ 151		Groundwater at 13'	
11							
12	SILTY CLAY	Gray, low plasticity, stiff, damp	100	60/ 21	Yellow/brown product 13-15'		
13				42/ 20	<div></div>	Soil sample (16-18') collected at 15:55 and submitted for laboratory analysis	
14							
15	SILT	Gray, non-plastic, stiff, wet	100	42/ 20	<div></div>		
16							
17							
18							
19							
20							

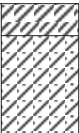
	Project Number: JM1710.320	Date Drilled: 5/15/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-49	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641905.915	UTM Easting*: 202346.17
	Boring Location: NA	Surface Elevation*: 750.631


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20		SILT		100	38/ 23		Refusal at 28' with dual tube and macro core. Could not reach dry clay. All rods blue when coming out of borehole and anything groundwater splashed on turns blue.
21		SAND	Gray, fine to medium grained, dense, poorly graded, wet				
22		SILT	Gray, non-plastic, stiff, wet, trace gravel		22/ 19		
23		SAND	Gray, medium to coarse grained, medium dense, poorly graded, saturated				
24		SANDY GRAVEL	Gray, coarse grained, loose, well graded, saturated	75	279/ 50		
25					220/ 60		
26							
27							
28							End of boring at 28'

	Project Number: JM1710.320	Date Drilled: 5/16/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-50	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641903.107	UTM Easting*: 202445.91
	Boring Location: NA	Surface Elevation*: 751.719


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	SAND	Black, dry, some coke, coal, and gravel	60	29/ 0.0		Odor 2-18'
1				44/ 0.0		
2			60	96/ 4.2		Soil sample (4-6') collected at 10:30 and submitted for laboratory analysis
3	SANDY CLAY	Black, soft, wet, some coke fragments		140/ 135		
4		Saturated	90	340/ 2,300		Groundwater at 7.5' Sheen 7.5-11'
5				302/ 1,800		
6			100	210/ 800		Soil sample (14-16') collected at 10:10 and submitted for laboratory analysis
7				350/ 1,520		
8	CLAYEY SAND	Gray, medium grained, dense, well graded, damp, some gravel	90	290/ 670		Sheen 15.5-17'
9		Dark gray, coarse grained, loose, well graded, saturated		72/ 63		
10	SANDY GRAVEL					
11	SILTY CLAY	Gray, medium plasticity, stiff, damp, trace gravel	90			
12						
13						
14						
15						
16						
17						
18						
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/16/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-50	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641903.107	UTM Easting*: 202445.91
	Boring Location: NA	Surface Elevation*: 751.719


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20		SILTY CLAY	Gray, medium plasticity, stiff, damp, trace gravel	100	68/ 131	<div></div>	
21		SANDY CLAY					
22	SAND	Gray, fine grained, dense, saturated	55/ 88				
23							
24	SILT	Gray, non-plastic, stiff, wet	100	47/ 17			
25	SILTY CLAY	Gray, medium plasticity, medium stiff, moist, trace gravel					
26	SAND	Gray, medium/coarse grained, medium dense, saturated, trace gravel		32/ 37			
27							
28	SILTY CLAY	Gray, low plasticity, stiff, dry, trace gravel	100	17/ 7.6	Soil sample (30-32') collected at 10:20 and submitted for laboratory analysis		
29							
30				9.2/ 3.1			
31							
32						End of boring at 32'	





	Project Number: JM1710.320	Date Drilled: 5/16/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-51	UTM Northing*: 1641903.238	UTM Easting*: 202638.29
	Boring Location: NA	Surface Elevation*: 754.781


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Black, some coal and coke	90	42/ 12.4		
1	SANDY GRAVEL	(Fill) brown, dry		66/ 13.9		
2						
3			60	114/ 98		Soil sample (4-6') collected at 13:30 and submitted for laboratory analysis Odor at 4-20'
4	SAND	(Fill) black, some coal and coke, dry		170/ 597		
5		Wet				
6		Saturated	100	132/ 1,150		Soil sample (10-12') collected at 13:40 and submitted for laboratory analysis
7	SILTY CLAY	Dark gray, medium plasticity, medium stiff, moist		368/ 2,100		
8		Gray, stiff, damp				
9			100	240/ 901		Yellow/brown product at 15-16'
10	SANDY CLAY	Gray, low plasticity, soft, saturated		680/ 2,950		
11		Gray, medium/coarse grained, loose, well graded, saturated, trace gravel				
12			100	250/ 830		Sheen at 17.5-18.5'
13	SAND	Gray, low plasticity, stiff, damp		370/ 1,210		
14		Gray, fine grained, medium dense, poorly graded, saturated				
15						
16	SILTY CLAY					
17	SAND					
18						
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/16/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-51	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1641903.238	UTM Easting*: 202638.29
	Boring Location: NA	Surface Elevation*: 754.781


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SILTY CLAY	Gray, damp	100	180/ 61		
21	GRAVELLY SAND	Gray, coarse grained, loose, well graded, saturated				
22						
23			95/ 32			
24	SANDY CLAY	Gray, low plasticity, stiff, damp	100	16/ 4.2		
25						
26		Brown, dry		9.3/ 1.6		
27					Soil sample (26-28') collected at 13:15 and submitted for laboratory analysis	
28					End of boring at 28'	

	Project Number: JM1710.320	Date Drilled: 5/21/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Mike
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-52	UTM Northing*: 1642005.092	UTM Easting*: 202447.51
	Boring Location: NA	Surface Elevation*: 752.201


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		CONCRETE	Damp	75	2.0/ 1.0		Trace red brick
1		GRAVEL	Damp				
2		FILL MATERIAL	Clay, sand, gravel, and coke, damp		35/ 4.0		
3			50	115/ 15			Odor and 3" coal tar at 7.5'
4					75		
5			SILTY CLAY	Gray and black, medium plasticity, medium stiff, moist, trace sand (5%) and gravel (3%)			162/ 40
6	Soft						
7		Increase in sand and gravel	75	215/ 38	Groundwater at 12'		
8	GRAVELLY SAND	Dark gray, medium grained, loose, well graded, saturated					
9		100				84/ 12	Greenish-brown product at 12-13'
10			SANDY CLAY	Gray, medium plasticity, medium stiff, moist, little gravel (6%)			
11	CLAYEY SILT	Gray, low plasticity, medium stiff, moist		88/ 9.0			
12							
13							
14							
15							
16							
17							
18							
19							
20							

	Project Number: JM1710.320	Date Drilled: 5/21/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Mike
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-52	UTM Northing*: 1642005.092	UTM Easting*: 202447.51
	Boring Location: NA	Surface Elevation*: 752.201


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	CLAYEY SILT		100	16/ 7.0		Stuck liner, soil removed directly from rod. Boring resumed on 5-22-13
21						
22	GRAVELLY SAND	Gray, medium grained, loose, well graded, saturated	NA	11/ 2.0		
23						
24			NA	8.0/ 2.0		
25						
26						Soil sample (30-32') collected at 13:00 on 5-22-13 and submitted for laboratory analysis
27		Brown		8.0/ 2.0		
28						
29						
30	SILTY CLAY	Gray, low plasticity, very stiff, damp	NA	NA/ NA		End of boring at 32'
31				NA/ NA		
32						

	Project Number: JM1710.320	Date Drilled: 5/17/2013
	Client Name: Citizens Energy Group	Personnel: B.O'Connor
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-53	UTM Northing*: 1642010.429	UTM Easting*: 202547.78
	Boring Location: NA	Surface Elevation*: 753.549


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	SANDY CLAY	(Fill) black, medium plasticity, soft, moist, some coke fragments	50	112/ 270		Odor at 2-16'
1				165/ 310		
2			60	250/ 480		
3	COKE	Moist		210/ 460		
4			80	180/ 700		
5	SANDY CLAY	(Fill) greenish-gray, medium to high plasticity, medium stiff, moist, trace of coke fragments		230/ 765		Soil sample (11-12') collected at 11:00 and submitted for laboratory analysis
6			80	320/ 1,310		
7		Black		370/ 2,550		
8	SAND	Brown, fine grained, medium dense, poorly graded, moist	80	170/ 240		
9		Black, medium grained, medium dense, well graded, saturated, trace gravel		130/ 90		
10	CLAYEY SAND		100			Black staining and odor at 12.5-14'
11	GRAVELLY SAND	Gray, coarse grained, loose, well graded, saturated				
12	SILT	Brown, non-plastic, stiff, damp	100			Reddish-brown product at 14-15.5'
13						
14	SILTY SAND	Brownish-gray, fine grained, dense, poorly graded, saturated, trace gravel				


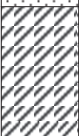
	Project Number: JM1710.320	Date Drilled: 5/17/2013
	Client Name: Citizens Energy Group	Personnel: B.O'Connor
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-53	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642010.429	UTM Easting*: 202547.78
	Boring Location: NA	Surface Elevation*: 753.549


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	GRAVELLY SAND	Gray, coarse grained, loose, well graded, saturated	80	95/ 46		Soil sample (27-28') collected at 11:10 and submitted for laboratory analysis
21				66/ 29		
22	SANDY GRAVEL	Brown, coarse grained, loose, well graded, saturated	70	48/ 34		
23						
24						
25	SILTY CLAY	Gray, low plasticity, stiff, dry, trace of sand	100	14/ 6.2		End of boring at 28'
26						
27						
28						

	Project Number: JM1710.320	Date Drilled: 5/16/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-55	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642001.336	UTM Easting*: 202746.71
	Boring Location: NA	Surface Elevation*: 753.990


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Black, coal and coke, dry	75	110/ 145		Soil sample (8-10') collected at 15:25 and submitted for laboratory analysis
1				118/ 290		
2			100	134/ 212		
3	SILTY CLAY	Gray, some coarse sand and coke		175/ 110		
4		Gray, medium plasticity, medium stiff, damp, trace gravel				
5		Brown, soft, moist				
6	SANDY CLAY	Brown, medium plasticity, soft, moist, trace gravel	100	180/ 135	Soil sample (8-10') collected at 15:25 and submitted for laboratory analysis	Groundwater at 13'
7				95/ 67		
8			90	28/ 2.7		
9	GRAVELLY SAND	Brown, coarse grained, medium dense, well graded, saturated		14/ 4.5		
10		Dark gray				
11			100	8.9/ 1.8		
12	SANDY CLAY	Gray, medium plasticity, stiff, damp, trace gravel		7.5/ 0.0		
13						
14						
15						
16						
17						
18						
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/16/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-55	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642001.336	UTM Easting*: 202746.71
	Boring Location: NA	Surface Elevation*: 753.990


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20		SAND	Gray, fine grained, dense, poorly graded, saturated	100	4.1/ 1.3		Soil sample (26-28') collected at 15:35 and submitted for laboratory analysis
21							
22							
23		Gray, some silty clay, damp to moist	100	3.2/ 0.3			
24							
25			100	4.1/ 1.2			
26		Gray, medium plasticity, moist, some sand, trace gravel		3.2/ 0.1			
27		Damp					
28						End of boring at 28'	

	Project Number: JM1710.320	Date Drilled: 5/17/2013
	Client Name: Citizens Energy Group	Personnel: B.O'Connor
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-56	UTM Northing*: 1642104.355	UTM Easting*: 202547.09
	Boring Location: NA	Surface Elevation*: 752.902


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		Black, some coke, dry				
1	FILL MATERIAL		70	24/ 9.2		
2		(Fill) black, medium plasticity, medium/stiff, dry, some coke fragments				
3	SANDY CLAY			40/ 18		
4		(Fill) tan, medium grained, loose, poorly graded, dry	90	17/ 3.2		
5	SAND					
6		Brown with orange mottling, medium to low plasticity, stiff, damp				
7	SILTY CLAY			34/ 2.5		
8		Brown, fine grained, medium dense, poorly graded, moist	100	47/ 3.8		
9	SAND	Brown, low plasticity, stiff, damp				
10	SANDY SILT					
11		Coarse grained, medium dense, well graded, damp	70	56/ 5.8		
12	GRAVELLY SAND			144/ 59		Soil sample (12-14') collected at 15:10 and submitted for laboratory analysis
13						Odor with black staining at 13.5-14'
14		Fine grained, loose, poorly sorted, saturated	100	75/ 18		
15	SILTY SAND					
16				52/ 11		
17			100			
18	CLAYEY SILT	Gray, non-plastic, stiff, moist		62/ 19		
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/17/2013
	Client Name: Citizens Energy Group	Personnel: B.O'Connor
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-56	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642104.355	UTM Easting*: 202547.09
	Boring Location: NA	Surface Elevation*: 752.902


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	GRAVELLY SAND	Gray, coarse grained, loose, well graded, saturated	100	30/ 8.9		Soil sample (27.5-27.75') collected at 15:20 and submitted for laboratory analysis. Could only advance into the clay 3". End of boring at 27.75'
21						
22	SAND	Gray, medium to coarse grained, medium dense, medium to poorly graded, saturated	100	26/ 8.4		
23						
24			NA	NA/ NA		
25				NA/ NA		
26	CLAY	Gray, low plasticity, hard, dry	NA			
27						
28						









	Project Number: JM1710.320	Date Drilled: 5/20/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Mike
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-57	UTM Northing*: 1642102.545	UTM Easting*: 202648.74
	Boring Location: NA	Surface Elevation*: 754.391


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		(Fill) brown, loose, damp				
1	SAND		50	2.0/ 2.0		
2						
3				2.0/ 2.0		
4	GRAVEL	(Fill) some crushed stone				
5		(Fill) brown, loose, damp	50	5.0/ 4.0		
6	SAND					
7		Gray, moist		19/ 8.0		Odor 7-9'
8		Greenish-gray, medium plasticity, medium stiff, moist, trace gravel (5%)	100	22/ 10		
9	SANDY CLAY					
10				16/ 7.0		
11						
12			100	36/ 18		Soil sample (12-14') collected at 15:45 and submitted for laboratory analysis, BBSBD-9
13						
14	SAND	Gray and black, medium grained, medium dense, well graded, saturated		88/ 72		Groundwater at 14'
15						Odor in saturated sand (14-15')
16	SANDY CLAY	Gray, low plasticity, stiff, damp, trace gravel (5%)	100	90/ 36		
17		Gray, coarse grained, loose, well graded, saturated				Odor in gravelly sand (17-20')
18	GRAVELLY SAND			66/ 47		
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/20/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Mike
	Drilling Method: Geoprobe	Driller License: NA
BBSB-57	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642102.545	UTM Easting*: 202648.74
	Boring Location: NA	Surface Elevation*: 754.391


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	GRAVELLY SAND		100	23/ 13		Soil sample (26-28') collected at 15:55 and submitted for laboratory analysis End of boring at 28'
21				12/ 9.0		
22	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel (5%)	100	14/ 6.0		
23						
24		Brown, dry				
25						
26						
27						
28						

	Project Number: JM1710.320	Date Drilled: 5/20/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Mike
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-58	UTM Northing*: 1642101.156	UTM Easting*: 202757.87
	Boring Location: NA	Surface Elevation*: 755.386


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0		FILL MATERIAL	Some coke, clay, sand, and gravel, damp	75	6.0/ 2.0		Odor 5-11'	
1								6.0/ 2.0
2				6.0/ 2.0				
3		SILTY CLAY	Dark brown, medium plasticity, medium stiff, moist, trace gravel (3%)	40	8.0/ 13			Soil sample (6-8') collected at 12:00 and submitted for laboratory analysis, BBSBD-8
4								
5	SANDY CLAY	Greenish-gray, high plasticity, soft, moist, trace sand (5%)	42/ 16					
6								
7								
8		SILTY CLAY	Greenish-gray, medium plasticity, medium stiff, trace sand and gravel, moist	100	30/ 8.0			
9					22/ 3.0			
10				100	15/ 3.0			
11					10/ 8.0			
12					Gray			
13		GRAVELLY SAND	Black, coarse grained, loose, well graded, saturated	100	38/ 15		Groundwater and slight odor in sand at 16'	
14								
15		SILTY CLAY	Gray, soft, moist					
16					Gray, medium grained, medium dense, well graded, saturated			
17		SAND						
18				Gray, medium plasticity, medium stiff, moist, trace gravel (5%)				
19		SANDY CLAY						
20								

	Project Number: JM1710.320	Date Drilled: 5/20/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Mike
	Drilling Method: Geoprobe	Driller License: NA
BBSB-58	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642101.156	UTM Easting*: 202757.87
	Boring Location: NA	Surface Elevation*: 755.386


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SANDY CLAY		100	11/ 3.0		Soil sample (26-28') collected at 12:10 and submitted for laboratory analysis End of boring at 28'
21						
22		Soft, increase in sand				
23	GRAVEL		100	10/ 3.0		
24						
25	SILTY CLAY	Gray, loose, rounded, saturated	100	8.0/ 2.0		
26		Brown, stiff, low plasticity, damp, trace gravel 5%				
27				2.0/ 1.0		
28						

	Project Number: JM1710.320	Date Drilled: 5/17/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-59	UTM Northing*: 1642099.288	UTM Easting*: 202845.07
	Boring Location: NA	Surface Elevation*: 754.363


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Black, some coal and coke	100	51/ 3.7		Odor at 8-16'
1						
2		Some concrete and crushed stone	50	42/ 13		
3						
4	SILTY CLAY		100	77/ 2.2		Soil sample (10-12') collected at 11:45 and submitted for laboratory analysis
5						
6		Saturated	100	65/ 1.7		
7						
8	SAND	Gray, medium plasticity, stiff, damp, trace gravel	100	51/ 1.5		Groundwater at 16'
9						
10		Brown	100	76/ 2.9		
11						
12	SANDY GRAVEL	Gray	100	53/ 2.2		
13						
14			100	41/ 0.2		
15		Gray, coarse, dense, poorly graded, wet				
16	SAND	Coarse, loose, well graded, saturated	100	27/ 3.3		
17						
18		Gray, low plasticity, stiff, damp, trace gravel	100	46/ 3.6		
19		Brown, fine grained, medium dense, poorly graded, saturated				
20						

	Project Number: JM1710.320	Date Drilled: 5/17/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
BBSB-59	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642099.288	UTM Easting*: 202845.07
	Boring Location: NA	Surface Elevation*: 754.363


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SAND		100	42/ 1.7		
21						
22				73/ 0.4		
23	SILT	Gray, non-plastic, stiff, wet	100	12/ 0.2		
24						
25	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel	100	3.2/ 0.1		Soil sample (26-28') collected at 11:55 and submitted for laboratory analysis
26						
27						
28						End of boring at 28'

	Project Number: JM1710.320	Date Drilled: 5/17/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-60	UTM Northing*: 1642097.392	UTM Easting*: 202947.64
	Boring Location: NA	Surface Elevation*: 753.040


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Black, some coal and coke	50	104/ 240		No odor
1				6.2/ 1.0		
2				7.1/ 2.2		
3	SANDY CLAY	Black, medium plasticity, soft, moist	75	5.2/ 2.5		
4				4.8/ 0.1		
5	SILTY CLAY	Gray, medium plasticity, stiff, damp	100	32/ 1.4		Soil sample (10-12') collected at 9:50 and submitted for laboratory analysis
6				22/ 1.4		
7				29/ 3.7		
8	SANDY GRAVEL	2" Sand seam, gray, medium grained, wet Gray, coarse, loose, saturated, well graded	100	17/ 1.9		Groundwater at 15'
9				20/ 3.1		
10	SAND	Brown, medium grained, medium dense, poorly graded, saturated	100			Black staining (15-16')
11						

	Project Number: JM1710.320	Date Drilled: 5/17/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
BBSB-60	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642097.392	UTM Easting*: 202947.64
	Boring Location: NA	Surface Elevation*: 753.040


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SAND		100	15/ 2.1		Soil sample (26-28') collected at 10:00 and submitted for laboratory analysis End of boring at 28'
21		Some rounded gravel				
22				6.2/ 1.0		
23	SILTY CLAY		100	5.1/ 0.0		
24						
25		Gray, medium plasticity, stiff, damp, trace gravel		5.1/ 0.0		
26						
27		Brown		5.1/ 0.0		
28						

		Project Number: JM1710.320	Date Drilled: 5/17/2013
		Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
		Project Name: B&B Investigation	Driller: EFS
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-61	UTM Northing*: 1642157.775	UTM Easting*: 202848.78	
	Boring Location: NA	Surface Elevation*: 754.412	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Black, some coal and coke	50	55/ 23		Odor at 2-18'
1				128/ 111		
2						
3	SILTY CLAY	Greenish-gray, medium plasticity, stiff, damp, trace gravel	100	83/ 122		Soil sample (6-8') collected at 14:00 and submitted for laboratory analysis
4				120/ 760		
5						
6	SAND	Gray, medium grained, medium dense, poorly graded, saturated	100	125/ 830		Intermittent yellow/brown product (9-10')
7				144/ 1,300		
8						
9	SILTY CLAY	Greenish-gray, medium plasticity, medium stiff, moist, trace gravel	100	145/ 1,078		Soil sample (12-14') collected at 14:10 and submitted for laboratory analysis
10				129/ 327		
11						
12	SANDY CLAY	Gray, medium plasticity, soft, moist, trace gravel	100	135/ 299		
13				89/ 100		
14						
15	SAND	Some sandy gravel, saturated	100			
16		Gray, fine grained, medium dense, well graded, saturated				
17						
18	SANDY CLAY	Gray, medium plasticity, medium stiff, moist, trace gravel	100			
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/17/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
BBSB-61	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642157.775	UTM Easting*: 202848.78
	Boring Location: NA	Surface Elevation*: 754.412


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SANDY CLAY		100	75/ 85		Soil sample (26-28') collected at 14:20 and submitted for laboratory analysis End of boring at 28'
21						
22	SILT	Gray, non-plastic, stiff, saturated	100	37/ 11		
23						
24	SAND	Gray, fine to medium grained, dense, poorly graded, saturated	100	35/ 9.6		
25						
26	SILTY CLAY	Gray, low plasticity, very stiff, dry, trace gravel	100	7.0/ 1.4		
27						
28						

	Project Number: JM1710.320	Date Drilled: 5/20/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Mike
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-62	UTM Northing*: 1642203.747	UTM Easting*: 202549.91
	Boring Location: NA	Surface Elevation*: 752.839


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		(Fill) dark gray, medium plasticity, medium stiff, damp, some coke and gravel				
1	SANDY SILTY CLAY		100	16/ 12		
2						
3				26/ 31		
4	SAND	Tan, medium grained, loose, poorly graded, damp	100	7.0/ 4.0		
5						
6	SANDY CLAY	Brown, medium plasticity, medium stiff, moist, trace gravel (5%)	100	6.0/ 4.0		
7						
8	GRAVELLY SAND	Brown, medium grained, medium dense, well graded, moist	100	5.0/ 2.0		
9						
10	SANDY CLAY	Brown, medium plasticity, soft, moist, little gravel (8%)	100	7.0/ 6.0		
11						
12	GRAVELLY SAND	Brown, medium grained, medium dense, well graded, damp	100	47/ 52		Soil sample (12-14') collected at 17:05 and submitted for laboratory analysis Black staining and odor 13-13.5'
13		Wet				
14		Damp				
15	SILTY CLAY	Brown, high plasticity, medium stiff, wet	100	36/ 40		Groundwater at 14.5'
16	CLAYEY SAND	Gray, fine grained, poorly graded, saturated	100	20/ 25		
17						
18	GRAVELLY SAND	Gray, coarse grained, loose, well graded, saturated, little clay (10%)	100	13/ 26		
19						
20						



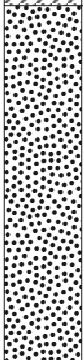
	Project Number: JM1710.320	Date Drilled: 5/20/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Mike
	Drilling Method: Geoprobe	Driller License: NA
BBSB-62	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642203.747	UTM Easting*: 202549.91
	Boring Location: NA	Surface Elevation*: 752.839

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	GRAVELLY SAND	Brown, no clay	100	12/ 8.0		
21				9.0/ 7.0		
22			100	5.0/ 2.0		
23				2.0/ 2.0		
24	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel (5%)	100			Soil sample (26-28') collected at 17:15 and submitted for laboratory analysis
25						
26						End of boring at 28'
27						
28						


	Project Number: JM1710.320	Date Drilled: 5/20/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-63	UTM Northing*: 1642202.79	UTM Easting*: 202649.09
	Boring Location: NA	Surface Elevation*: 754.535







Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	SAND	(Fill) brown, damp	75	0.4/ 0.0		Odor 2-26'
1	CLAYEY SANDY GRAVEL	(Fill) black, some coal and coke		120/ 490		
2						
3	SILTY CLAY	Gray, medium plasticity, stiff, damp, trace gravel	80	26/ 84		Soil sample (6-8') collected at 10:55 and submitted for laboratory analysis, BBSBD-7
4				96/ 380		
5			100	88/ 136		
6				40/ 100		
7			100	78/ 301		
8				80/ 290		
9			100	91/ 605		Groundwater at 14'
10				60/ 290		
11			100	91/ 605		Sheen 14-15'
12				60/ 290		


	Project Number: JM1710.320	Date Drilled: 5/20/2013
	Client Name: Citizens Energy Group	Personnel: M.Cooper-Ark
	Project Name: B&B Investigation	Driller: Ark
	Drilling Method: Geoprobe	Driller License: NA
BBSB-63	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642202.79	UTM Easting*: 202649.09
	Boring Location: NA	Surface Elevation*: 754.535

Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20		SANDY CLAY	Gray, coarse grained, medium dense, well graded, saturated	100	30/ 150		Soil sample (26-28') collected at 11:20 and submitted for laboratory analysis
21		SANDY GRAVEL			22/ 140		
22				100	36/ 148		
23					1.4/ 2.6		
24		SILTY CLAY	Gray, low plasticity, stiff, dry, trace gravel	100			End of boring at 28'
25							
26							
27							
28							


Soil sample (26-28') collected at 11:20 and submitted for laboratory analysis
End of boring at 28'


	Project Number: JM1710.320	Date Drilled: 5/20/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Mike
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-64	UTM Northing*: 1642200.459	UTM Easting*: 202749.86
	Boring Location: NA	Surface Elevation*: 754.084

Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		FILL MATERIAL	Damp, some coke	75	5.0/ 2.0		Soil sample (4-6') collected at 10:10 and submitted for laboratory analysis
1		SILTY CLAY	(Fill) dark brown, damp, some gravel and sand		4.0/ 5.0		
2	Light brown, medium plasticity, medium stiff, damp, trace sand and gravel Greenish-gray		75				
3							
4	100		4.0/ 2.0				
5							
6	100		4.0/ 2.0				
7							
8	100		3.0/ 2.0				
9							
10	100	2.0/ 2.0					
11							
12	100	2.0/ 7.0					
13							
14	GRAVELLY SAND	Gray and brown, coarse grained, medium dense, well graded, saturated	100	3.0/ 2.0		Groundwater at 14'	
15	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel (5%)					
16		SAND	Brown, fine grained, medium dense, poorly graded, saturated	100	2.0/ 1.5		Groundwater at 16'
17	SANDY CLAY	Gray, medium plasticity, medium stiff, trace gravel (5%)					
18		Increasing sand					
19							
20							


	Project Number: JM1710.320	Date Drilled: 5/20/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Mike
	Drilling Method: Geoprobe	Driller License: NA
BBSB-64	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642200.459	UTM Easting*: 202749.86
	Boring Location: NA	Surface Elevation*: 754.084

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SANDY CLAY		100	1.0/ 1.0		Soil sample (22-24') collected at 10:20 and submitted for laboratory analysis End of boring at 24'
21						
22	SAND	Fine grained, damp Gray, medium plasticity, medium stiff, damp, trace gravel (5%)		1.0/ 1.0		
23	SANDY CLAY					
24						


<div></div> <div>BBSB-65</div>		Project Number: JM1710.320	Date Drilled: 5/16/2013				
		Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark				
		Project Name: B&B Investigation	Driller: EFS - Zach				
		Drilling Method: Geoprobe	Driller License: NA				
		Site Address: Indianapolis, IN	GW Sample Method: NA				
		UTM Northing*: 1642195.396	UTM Easting*: 203048.53				
		Boring Location: NA	Surface Elevation*: 754.262				
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0	COAL	(Fill) damp	75	15/ 7.0		Soil sample (2-4') collected at 15:45 and submitted for laboratory analysis	
1		Greenish-black, medium plasticity, soft, moist, trace gravel (8%)		8.0/ 7.0			
2	SANDY CLAY	Brown	75	7.0/ 6.0			
3		Increase in sand 6-7'		5.0/ 3.0			
4				4.0/ 3.0			
5			100	4.0/ 3.0			
6				4.0/ 3.0			
7							
8	GRAVELLY SAND	Brown, coarse grained, loose, well graded, saturated	75	8.0/ 2.0			Groundwater at 12'
9		Brown, medium grained, medium dense, well graded, moist, little gravel (10%)		7.0/ 3.0			
10	CLAYEY SAND		50	4.0/ 2.0			
11				4.0/ 2.0			
12	GRAVELLY SAND		50	4.0/ 2.0			
13				4.0/ 2.0			
14							
15							
16							
17							
18							
19							
20							


	Project Number: JM1710.320	Date Drilled: 5/16/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-65	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642195.396	UTM Easting*: 203048.53
	Boring Location: NA	Surface Elevation*: 754.262








Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	GRAVELLY SAND		25	4.0/ 1.0		Soil sample (24-26') collected at 16:00 and submitted for laboratory analysis
21						
22			100	3.0/ 1.0		
23		Increase in gravel				
24	SILTY CLAY	Brown, low plasticity, stiff, damp, trace gravel (5%)	100	3.0/ 1.0		End of boring at 28'
25						
26	CLAYEY SAND	Brown, coarse grained, dense, well graded, moist		2.0/ 1.0		
27						
28						


	Project Number: JM1710.320	Date Drilled: 5/16/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-66	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642303.092	UTM Easting*: 202634.00
	Boring Location: NA	Surface Elevation*: 754.469

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Damp, some coal	75	2.0/ 12		Trace of white porous rock and brick
1				5.0/ 43		
2			75	8.0/ 8.0		
3	SANDY CLAY	(Fill) some gravel and coal		12/ 5.0		
4	GRAVELLY SAND	(Fill) bluish-gray, some fill material, loose, medium grained, well graded, dry	50	25/ 6.0		Odor 8-14'
5				31/ 8.0		
6	CLAYEY SAND	(Fill) Greenish-brown, moist, some gravel and coal fragments	100	15/ 6.0		Soil sample (10-12') collected at 14:25 and submitted for laboratory analysis
7				13/ 4.0		
8			75	14/ 3.0		
9	SAND	Brown, fine grained, medium dense, poorly graded, saturated				Groundwater at 14'
10						
11	SAND	Black, soft	100	24/ 5.0		Wood flakes 12-14'
12						
13	SAND		75			
14						
15	SAND		75			
16						
17	SAND		75			
18						
19	SAND		75			
20						


<div></div> <div>BBSB-66</div>		Project Number: JM1710.320	Date Drilled: 5/16/2013			
		Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark			
		Project Name: B&B Investigation	Driller: EFS - Zach			
		Drilling Method: Geoprobe	Driller License: NA			
		Site Address: Indianapolis, IN	GW Sample Method: NA			
		UTM Northing*: 1642303.092	UTM Easting*: 202634.00			
		Boring Location: NA	Surface Elevation*: 754.469			
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SAND	Coarse grained, increase in rounded gravel	75	21/ 3.0		
21				20/ 4.0		
22			50	10/ 3.0		
23				7.0/ 8.0		
24	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel (3%)	75	21/ 3.0		Soil sample (26-28') collected at 14:35 and submitted for laboratory analysis
25				20/ 4.0		
26			50	10/ 3.0		
27				7.0/ 8.0		
28						End of boring at 28'

	Project Number: JM1710.320	Date Drilled: 5/16/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-67	UTM Northing*: 1642300.432	UTM Easting*: 202751.33
	Boring Location: NA	Surface Elevation*: 753.966


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		FILL MATERIAL	Coke, damp	75	28/ 2.0		Odor 4-12'
1							
2							
3					28/ 2.0		
4			Moist	75	30/ 7.0		
5		SILTY CLAY	Dark gray, high plasticity, soft, moist				
6							
7					30/ 9.0		
8		SAND	Fine grained, damp	75			Soil sample (8-10') collected at 11:40 and submitted for laboratory analysis
9		SILTY CLAY	Dark gray, high plasticity, medium stiff, moist		39/ 14		
10							
11					17/ 8.0		
12				50	6.0/ 2.0		Groundwater at 13'
13		CLAYEY SAND	Brown and gray, medium grained, medium dense, well graded, saturated				
14							
15			Gray, medium plasticity, medium stiff, moist	100	3.0/ 1.0		
16		SANDY CLAY				2.0/ 1.0	
17							
18				CLAYEY SAND	Gray, fine grained, soft, poorly graded, saturated		3.0/ 2.0
19		SANDY CLAY	Gray, medium plasticity, medium stiff, moist				
20							

	Project Number: JM1710.320	Date Drilled: 5/16/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-67	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642300.432	UTM Easting*: 202751.33
	Boring Location: NA	Surface Elevation*: 753.966


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SANDY CLAY		100	5.0/ 2.0		Soil sample (26-28') collected at 11:50 and submitted for laboratory analysis End of boring at 28'
21				3.0/ 1.0		
22	CLAYEY SILT	Gray, medium plasticity, medium stiff, moist	100	3.0/ 1.0		
23		Saturated		3.0/ 1.0		
24	SILTY CLAY	Brown, low plasticity, stiff, damp, trace gravel (5%)	100	2.0/ 1.0		
25						
26						
27						
28						



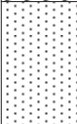
	Project Number: JM1710.320	Date Drilled: 5/16/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-68	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642297.886	UTM Easting*: 202851.62
	Boring Location: NA	Surface Elevation*: 754.090


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	SANDY CLAY	(Fill) Moist, some coke and gravel	50	70/ 2.0		Odor 2-12'
1						
2				75/ 15		
3	SILTY CLAY	Greenish-gray, high plasticity, soft, moist, trace sand and gravel	100	78/ 32		Soil sample (10-12') collected at 10:40 and submitted for laboratory analysis, BBSBD-6
4						
5		Medium stiff	100	51/ 33		
6						
7			100	70/ 115		
8						
9				75/ 120		
10						
11		Brown, soft	75	60/ 85		
12						
13		Gray		42/ 56		
14	SAND	Light brown, medium grained, medium dense, poorly graded, saturated	100	22/ 14		Groundwater at 16'
15						
16	SILTY CLAY	Gray, medium plasticity, stiff, moist, trace sand and gravel		18/ 10		
17						
18						
19						
20						

	Project Number: JM1710.320	Date Drilled: 5/16/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-68	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642297.886	UTM Easting*: 202851.62
	Boring Location: NA	Surface Elevation*: 754.090


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SILTY CLAY		100	10/ 3.0		Groundwater at 22'
21						
22	SAND	Gray, fine grained, medium dense, poorly graded, saturated, trace gravel	100	6.0/ 2.0		
23						
24						
25	SILTY CLAY	Light brown, medium plasticity, medium stiff, moist, trace gravel (5%)	100	7.0/ 2.0		Soil sample (26-28') collected at 10:50 and submitted for laboratory analysis
26						
27				2.0/ 2.0		
28						End of boring at 28'

	Project Number: JM1710.320	Date Drilled: 5/16/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-69	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642296.668	UTM Easting*: 202951.27
	Boring Location: NA	Surface Elevation*: 755.552

Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0		SANDY CLAY	(Fill) damp, some coke and gravel	75	50/ 40			
1								
2								
3		SILTY CLAY	Greenish-gray, high plasticity, soft, moist, trace sand and gravel	75	85/ 500		Odor 4-18'	
4								
5								
6								
7								
8								
9			50	40/ 170				
10								
11				40/ 200				
12								
13	75	35/ 160		Soil sample (12-14') collected at 9:30 and submitted for laboratory analysis				
14								
15		35/ 215						
16	75	Increase in sand and gravel						
17								
18		22/ 300						
19	75	Gray, medium stiff						
20								
21								
22		SAND	Gray, medium grained, medium dense, well graded, saturated, trace clay and gravel	75	17/ 140		Groundwater at 18'	
23					22/ 80			


	Project Number: JM1710.320	Date Drilled: 5/16/2013
	Client Name: Citizens Energy Group	Personnel: M.Oslos-Ark
	Project Name: B&B Investigation	Driller: EFS - Zach
	Drilling Method: Geoprobe	Driller License: NA
BBSB-69	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1642296.668	UTM Easting*: 202951.27
	Boring Location: NA	Surface Elevation*: 755.552

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SAND	Fine grained, no gravel	100	26/ 45		
21						
22		Medium grained, trace gravel	100	13/ 27		
23						
24						
25	SAND		100	10/ 13		
26						
27			100	10/ 7.0		
28						
29		Brown		5.0/ 5.0		
30	SILTY CLAY	Gray, low plasticity, stiff, trace gravel (5%)	100			Soil sample (30-32') collected at 9:40 and submitted for laboratory analysis
31				4.0/ 12		
32						End of boring at 32'


	Project Number: JO1360.370	Date Drilled: 9/22/2014					
	Client Name: Citizens Energy Group	Personnel: M.Cooper					
	Project Name: Prospect - B&B	Driller: EFS					
	Drilling Method: Geoprobe	Driller License: NA					
	Site Address: Indianapolis, Indiana	GW Sample Method: NA					
BBSB-70	UTM Northing*: 1641562.38	UTM Easting*: 201931.26					
	Boring Location: NA	Surface Elevation*: 749.27					
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments

0		Gravel, black, dry, with sand and clay					Fill material (0-18')
1	FILL MATERIAL		100	NA/ 2.2			Coal fragments (0-3')
2							
3	SANDY CLAY	Brown, low plasticity, medium stiff, damp	50	NA/ 2.6			
4							
5	SAND	Brown, medium grained, medium dense, poorly graded, damp	90	NA/ 2.4			
6							
7	CLAYEY SAND		100	NA/ 2.4			
8							Brick (7.5')
9	SAND	Dark gray, fine grained, medium dense, poorly graded, moist	50	NA/ 4.4			6" of white rock/sandstone (7.5-8')
10							Soil sample BBSB-70 (8-10') collected 9-23-14 at 1336, Dup BBSB-D2 collected
11	GRAVELLY SAND		100	NA/ 2.2			
12							
13	SAND	Saturated	50	NA/ 5.7			Groundwater (12-15')
14		Dark gray, medium grained, dense, poorly graded, saturated					Product (13.5-14.5')
15	GRAVELLY SAND	Light gray, medium grained, dense, well graded, damp	50	NA/ 58			
16							
17	SILTY CLAY		50	NA/ 77			Soil sample BBSB-70 (16-18') collected at 1040, VOCs only, not enough volume for full list
18		Dark gray, low plasticity, stiff, damp					Wood fragments with creosote odor (18')
19	GRAVELLY SAND		50	NA/ 36			Groundwater (19-27')
20		Dark gray, coarse grained, loose, well graded, saturated					


* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

<div></div> <div>BBSB-70</div>		Project Number: JO1360.370		Date Drilled: 9/22/2014			
		Client Name: Citizens Energy Group		Personnel: M.Cooper			
		Project Name: Prospect - B&B		Driller: EFS			
		Drilling Method: Geoprobe		Driller License: NA			
		Site Address: Indianapolis, Indiana		GW Sample Method: NA			
		UTM Northing*: 1641562.38		UTM Easting*: 201931.26			
		Boring Location: NA		Surface Elevation*: 749.27			
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	GRAVELLY SAND		30	NA/ 11			
21							
22	GRAVEL	Dark gray, coarse grained, loose, well graded, saturated	100	NA/ 9.0			Soil sample BBSB-70 (26-28') collected at 1100, Dup BBSB-D1 collected
23							
24							
25							
26	CLAYEY SAND	Dark gray, medium grained, dense, well graded, moist	100	NA/ 35			
27				NA/ 92			
28	SILTY CLAY	Gray, low plasticity, hard, dry	100	NA/ 15			Soil sample BBSB-70 (30-32') collected at 1115
29							
30							
31							
32							End of boring at 32'


* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

		Project Number: JO1360.370	Date Drilled: 9/22/2014							
		Client Name: Citizens Energy Group	Personnel: M.Cooper							
		Project Name: Prospect - B&B	Driller: EFS							
		Drilling Method: Geoprobe	Driller License: NA							
		Site Address: Indianapolis, Indiana	GW Sample Method: NA							
BBSB-71	UTM Northing*: 1641579.53	UTM Easting*: 201827.17								
	Boring Location: NA	Surface Elevation*: 746.67								
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments			
0	CONCRETE		25	NA/ 3.1			Very little product (7-8')			
1	STONE	Crushed		NA/ 2.2						
2	SAND	Fill material, dark brown and black, medium grained, loose, well graded, damp	30					NA/ 1.9		
3										
4				NA/ 41						
5										
6	SANDY GRAVEL	Black, coarse grained, well graded, wet	40	NA/ 189						
7										
8	CLAYEY SAND	Brown, fine grained, dense, poorly graded, moist	40	NA/ 52						
9	SILTY CLAY	Dark gray, medium plasticity, medium stiff, damp								
10	SANDY GRAVEL	Black, coarse grained, dense, well graded, wet								
11	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel	100	NA/ 409			Soil sample BBSB-71 (12-14") collected at 1300, BBSB-MS1/BBSB-MSD1 collected			
12		Hard, dry								
13			100	NA/ 68						
14										
15			100	NA/ 8.3						
16										
17										
18										
19			100	NA/ 9.5						
20										

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.


		Project Number: JO1360.370		Date Drilled: 9/22/2014				
		Client Name: Citizens Energy Group		Personnel: M.Cooper				
		Project Name: Prospect - B&B		Driller: EFS				
		Drilling Method: Geoprobe		Driller License: NA				
		Site Address: Indianapolis, Indiana		GW Sample Method: NA				
BBSB-71		UTM Northing*: 1641579.53		UTM Easting*: 201827.17				
		Boring Location: NA		Surface Elevation*: 746.67				
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments	
20	SILTY CLAY		100	NA/ 4.7			Soil sample BBSB-71 (26-28') collected at 1325	
21				NA/ 6.2				
22			100	NA/ 6.1				
23								
24								
25								
26		Damp			NA/ 4.5			
27		dry						
28								End of boring at 28'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.


		Project Number: JO1360.370	Date Drilled: 9/23/2014
		Client Name: Citizens Energy Group	Personnel: M.Cooper
		Project Name: Prospect - B&B	Driller: EFS
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, Indiana	GW Sample Method: NA
BBSB-72	UTM Northing*: 1641570.67	UTM Easting*: 201875.76	
	Boring Location: NA	Surface Elevation*: 748.67	

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments	
0	COAL	Fragments	100	NA/ 0.5			Fill material (0-11')	
1				NA/ 0.6				
2								
3	SANDY CLAY	Brown, low plasticity, soft, moist	50	NA/ 0.9				
4								
5				NA/ 0.9				
6								
7				NA/ 0.9				
8							Brown wood fragments (7.5-8')	
9				NA/ 3.2			Brown wood fragments (9-10')	
10	COAL	Crushed, some gravel and sand, black, moist	90				Soil sample BBSB-72 (10-12') collected at 1010, MS/MSD collected	
11	SANDY CLAY	Dark gray, low plasticity, soft, moist		NA/ 2.7				
12								
13	SAND	Dark gray, fine grained, medium dense, poorly graded, wet	80	NA/ 111			Yellow brown product (13-14')	
14	SANDY GRAVEL	Dark gray, coarse grained, medium dense, well graded, saturated						Groundwater (13-21')
15				NA/ 18				
16								
17				NA/ 9.7				
18			100				BBMW-30 screened (12-22')	
19	GRAVEL	Black, coarse grained, loose, well graded, saturated		NA/ 7.5				
20								

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.


<div></div> <div>BBSB-72</div>		Project Number: JO1360.370		Date Drilled: 9/23/2014				
		Client Name: Citizens Energy Group		Personnel: M.Cooper				
		Project Name: Prospect - B&B		Driller: EFS				
		Drilling Method: Geoprobe		Driller License: NA				
		Site Address: Indianapolis, Indiana		GW Sample Method: NA				
		UTM Northing*: 1641570.67		UTM Easting*: 201875.76				
		Boring Location: NA		Surface Elevation*: 748.67				
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments	
20	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel	100	NA/ 4.4			Soil sample BBSB-72 (26-28') collected at 1015	
21								
22								
23				NA/ 12.4				
24			100					End of boring at 28'
25				NA/ 5.5				
26								
27				NA/ 5.4				
28								

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.


	Project Number: JO1360.370	Date Drilled: 9/23/2014
	Client Name: Citizens Energy Group	Personnel: M.Cooper
	Project Name: Prospect - B&B	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, Indiana	GW Sample Method: NA
BBSB-73	UTM Northing*: 1641575.92	UTM Easting*: 201836.08
	Boring Location: NA	Surface Elevation*: 747.07

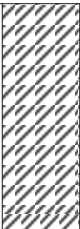

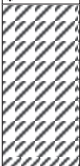
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	CONCRETE						
1	STONE	Crushed		NA/ 10.9			
2	SAND	Fill material, dark brown and black, coarse grained, loose, well graded, damp	40				
3		Some clay		NA/ 5.0			
4							
5		Fill material, dark brown and black, coarse grained, loose, well graded, damp		NA/ 5.7			
6		Some clay	30				
7		Fill material, dark brown and black, coarse grained, loose, well graded, damp		NA/ 6.4			
8	CLAYEY SAND	Brown, fine grained, dense, poorly graded, moist					
9				NA/ 4.0			
10	SANDY GRAVEL	Black, coarse grained, dense, poorly graded, saturated	30				Groundwater (10-12')
11				NA/ 119			
12	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel					4" Reddish brown product on clay
13				NA/ 357			
14			100				
15		Hard		NA/ 254			
16							End of boring at 16'


* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number: JL0633.320	Date Drilled: 5/16/2011
	Client Name: Citizens Energy Group	Personnel: B. Hoffer
	Project Name: B&B Investigation	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-85/BBMW-1	UTM Northing*: 1640927.16	UTM Easting*: 201565.40
	Boring Location: SW. corner of property	Surface Elevation*: 745.420


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Some grass, topsoil, and organics	50	70/ 0.0		Brick fragments and gravel
1		Dark brown, medium stiff, moist, trace sand		90/ 0.0		
2	SILTY CLAY		60	100/ 1.0		Soil sample (6-8') collected at 9:00 and submitted for laboratory analysis
3				140/ 2.0		
4						
5						
6		Increased sand	50	80/ 0.0		Groundwater at 10'
7				80/ 1.0		
8	GRAVELLY SAND	Brown, loose, saturated	60	90/ 1.0		
9				95/ 1.0		
10				95/ 1.0		
11				21/ 1.0		
12						
13	SILTY CLAY	Gray, medium stiff, damp	80			
14						

	Project Number: JL0633.320	Date Drilled: 5/16/2011
	Client Name: Citizens Energy Group	Personnel: B. Hoffer
	Project Name: B&B Investigation	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
BBSB-85/BBMW-1	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1640927.16	UTM Easting*: 201565.40
	Boring Location: SW. corner of property	Surface Elevation*: 745.420


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20		SILTY CLAY	Stiff	100	15/ 0.0		Installed monitoring well screen 23-28'
21					20/ 2.0		
22							
23		GRAVELLY SAND	Brown, loose, saturated	100	15/ 1.0		
24							
25	SILTY CLAY	Gray, hard, damp	100	12/ 1.0	End of boring at 28'		
26							
27							
28							







	Project Number: JL0633.320	Date Drilled: 5/16/2011
	Client Name: Citizens Energy Group	Personnel: B. Hoffer
	Project Name: B&B Investigation	Driller: EFS
BBSB-86/BBMW-2	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1640911.7	UTM Easting*: 201868.76
	Boring Location: 120' E. of BBSB-87	Surface Elevation*: 751.560


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Some grass and topsoil	100	1.0/ 0.0		
1	SILTY CLAY	Brown, soft, moist, trace sand				
2		Brown, loose, damp				
3	SAND		100	3.0/ 0.0		
4				4.0/ 0.0		
5				10/ 1.0		
6				12/ 1.0		
7	SAND		100	16/ 1.0		Soil sample (10-12') collected at 14:30 and submitted for laboratory analysis, MS/MSD
8				8.0/ 1.0		
9				6.0/ 1.0		
10	SILTY CLAY	Tannish brown, medium stiff, damp	100	7.0/ 1.0		Installed monitoring well screen 12-32'
11	SAND	Brown, loose, damp, trace gravel		3.0/ 1.0		
12		Increased gravel				
13	GRAVELLY SAND	Brown, loose, saturated	100	7.0/ 1.0		Groundwater at 14.5'
14				3.0/ 1.0		
15						
16						
17						
18						
19						
20						

	Project Number: JL0633.320	Date Drilled: 5/16/2011
	Client Name: Citizens Energy Group	Personnel: B. Hoffer
	Project Name: B&B Investigation	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-86/BBMW-2	UTM Northing*: 1640911.7	UTM Easting*: 201868.76
	Boring Location: 120' E. of BBSB-87	Surface Elevation*: 751.560


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	GRAVELLY SAND		100	4.0/ 1.0		
21				4.0/ 1.0		
22			100	3.0/ 1.0		
23				3.0/ 1.0		
24	GRAVEL	Brown, loose, angular, saturated	100	3.0/ 1.0		
25				3.0/ 1.0		
26	GRAVELLY SAND	Brown, loose, saturated	100	3.0/ 1.0		
27				3.0/ 1.0		
28			100	3.0/ 1.0		
29				3.0/ 1.0		
30	SILTY CLAY	Gray, very hard, damp	100	3.0/ 1.0		Soil sample (31-32') collected at 15:00 and submitted for laboratory analysis
31				3.0/ 1.0		
32						End of boring at 32'

	Project Number: JL0633.320	Date Drilled: 5/16/2011
	Client Name: Citizens Energy Group	Personnel: B. Hoffer
	Project Name: B&B Investigation	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-87	UTM Northing*: 1640909.89	UTM Easting*: 201678.67
	Boring Location: ~100' E. of BBSB-85	Surface Elevation*: 745.820


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0		FILL MATERIAL	Some asphalt	50	11/ 1.0		Soil sample (6-8') collected at 16:00 and submitted for laboratory analysis	
1			Black, medium stiff, damp		45/ 1.0			
2	SILTY CLAY	Brown, soft, moist, trace sand						
3		Brown, stiff, moist	43/ 1.0					
4		SANDY SILTY CLAY	Brown, soft, moist	75/ 4.0				
5	80		50/ 2.0					
6			40/ 2.0					
7	SAND	Brown, medium grained, medium dense, saturated	100	40/ 2.0				
8		GRAVELLY SAND		30/ 2.0				
9	40/ 2.0							
10	5.0/ 1.0							
11		FILL MATERIAL	Some asphalt	50	11/ 1.0			Soil sample (6-8') collected at 16:00 and submitted for laboratory analysis
12			Black, medium stiff, damp		45/ 1.0			
13	SILTY CLAY	Brown, soft, moist, trace sand						
14		Brown, stiff, moist	43/ 1.0					
15		SANDY SILTY CLAY	Brown, soft, moist	75/ 4.0				
16	80		50/ 2.0					
17			40/ 2.0					
18	SAND	Brown, medium grained, medium dense, saturated	100	40/ 2.0				
19		GRAVELLY SAND		30/ 2.0				
20	40/ 2.0							
21	5.0/ 1.0							

	Project Number: JL0633.320	Date Drilled: 5/16/2011
	Client Name: Citizens Energy Group	Personnel: B. Hoffer
	Project Name: B&B Investigation	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
BBSB-87	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1640909.89	UTM Easting*: 201678.67
	Boring Location: ~100' E. of BBSB-85	Surface Elevation*: 745.820


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SAND	Brown, loose, saturated	100	50/ 4.0		Not enough recovery to field screen
21				50/ 3.0		
22	SANDY SILTY CLAY	Gray, soft, medium stiff, moist	10	NA/NA		
23				NA/NA		
24	GRAVELLY SAND	Gray, very loose, saturated	100	10/ 1.0		Soil sample (30-32') collected at 17:00 and submitted for laboratory analysis
25				7.0/ 1.0		
26	SILTY CLAY	Greenish gray, very hard, damp				End of boring at 32'

	Project Number: JL0633.320	Date Drilled: 5/16/2011
	Client Name: Citizens Energy Group	Personnel: B. Hoffer
	Project Name: B&B Investigation	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
BBSB-88	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1640991.93	UTM Easting*: 201589.83
	Boring Location: 75' N-NE of BBSB-85	Surface Elevation*: 746.780


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Some asphalt	50	NA/NA		
1		Black, medium stiff, damp				
2	SILTY CLAY	Brown, medium stiff to soft, damp	50	3.0/ 1.0		
3						
4						
5						
6	CLAYEY SAND	Brown, loose, moist, trace gravel	60	3.0/ 1.0		Soil sample (10-12') collected at 10:30 and submitted for laboratory analysis
7						
8						
9						
10	GRAVELLY SAND	Brownish tan, loose, saturated	50	10/ 5.0		Groundwater at 12'
11						
12						
13						
14						
15						
16			80	5.0/ 7.0		
17						
18						
19						
20						

	Project Number: JL0633.320	Date Drilled: 5/16/2011
	Client Name: Citizens Energy Group	Personnel: B. Hoffer
	Project Name: B&B Investigation	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
BBSB-88	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1640991.93	UTM Easting*: 201589.83
	Boring Location: 75' N-NE of BBSB-85	Surface Elevation*: 746.780


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	GRAVELLY SAND		100	5.0/ 7.0		Soil sample (27-28') collected at 11:00 and submitted for laboratory analysis End of boring at 28'
21				4.0/ 6.0		
22				4.0/ 0.0		
23	SILTY CLAY	Gray, hard, damp	100	3.0/ 1.0		
24				3.0/ 1.0		
25	GRAVELLY SAND	Brown, loose, wet	100	3.0/ 1.0		
26	SILTY CLAY	Gray, hard, damp				
27						
28						

	Project Number: JL0633.320	Date Drilled: 5/16/2011
	Client Name: Citizens Energy Group	Personnel: B. Hoffer
	Project Name: B&B Investigation	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
BBSB-89	UTM Northing*: 1640975.33	UTM Easting*: 201832.56
	Boring Location: ~75' N-NW of BBSB-86	Surface Elevation*: 749.970

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	FILL MATERIAL	Some grass and topsoil				
1	SILTY CLAY	Light brown, medium stiff, damp	100	1.0/ 0.0		
2						
3	SANDY CLAY	Light brown, soft, moist	80	1.0/ 1.0		
4						
5	SAND	Brown, medium loose, damp	80	1.0/ 1.0		
6						
7	GRAVELLY SAND	Brown, medium loose, damp	80	1.0/ 1.0		
8						
9			80	3.0/ 1.0		
10						
11			20	4.0/ 1.0		Soil sample (10-12') collected at 13:00 and submitted for laboratory analysis
12						
13			20	2.0/ 1.0		
14						
15			80	1.0/ 1.0		
16						
17		Saturated	80	3.0/ 1.0		Groundwater at 16'
18						
19				3.0/ 1.0		
20						

	Project Number: JL0633.320	Date Drilled: 5/16/2011
	Client Name: Citizens Energy Group	Personnel: B. Hoffer
	Project Name: B&B Investigation	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
BBSB-89	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: 1640975.33	UTM Easting*: 201832.56
	Boring Location: ~75' N-NW of BBSB-86	Surface Elevation*: 749.970


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	GRAVELLY SAND		100	2.0/ 3.0		Could not collect (24-28') to field screen
21				2.0/ 4.0		
22			10	NA/NA		
23				NA/NA		
24			100	2.0/ 1.0		
25				1.0/ 1.0		
26	SILTY CLAY	Gray, hard, dry	100			Soil sample (30-32') collected at 13:30 and submitted for laboratory analysis, Dup-1
27						
28						End of boring at 32'

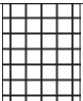




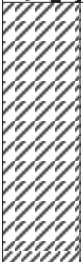
	Project Number: JP1079.380	Date Drilled: 6/22/2015
	Client Name: Citizens Energy Group	Personnel: TL & SO
	Project Name: Benzol Building	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
BBSB-90	Site Address: 2950 Prospect Street	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: 18' from East edge of foundation	Surface Elevation*: NA

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
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0	<div><div></div><div></div><div></div><div></div><div></div></div> CONCRETE						End of boring at 33" - Refusal
1							
2	NO RECOVERY		0	NA/ NA			

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.


	Project Number: JP1079.380	Date Drilled: 6/22/2015					
	Client Name: Citizens Energy Group	Personnel: TL & SO					
	Project Name: Benzol Building	Driller: EFS					
	Drilling Method: Geoprobe	Driller License: NA					
	Site Address: 2950 Prospect Street	GW Sample Method: NA					
BBSB-91	UTM Northing*: NA	UTM Easting*: NA					
	Boring Location: 12' from East edge of foundation	Surface Elevation*: NA					
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments

0		CONCRETE		5	0.3/ 2.30			Hollow Stem Auger to 29" Strong odor and black staining (6-10')
1								
2		SAND	Brown, coarse grained, loose, well graded, rounded, damp					
3		CONCRETE		60	0.1/ 3.6			
4		SANDY GRAVEL	Some concrete		0.8/ 4.50			
5		GRAVEL	Saturated, some coke fragments		16.3/ 73.00			
6		SILTY CLAY	Black, medium grained, poorly graded, rounded, damp		25.4/ 115.00			
7								
8								
9			Increasing sand, decreasing staining					
10								End of boring at 10'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

		Project Number: JP1079.380		Date Drilled: 6/22/2015			
		Client Name: Citizens Energy Group		Personnel: TL & SO			
		Project Name: Benzol Building		Driller: EFS			
		Drilling Method: Geoprobe		Driller License: NA			
		Site Address: 2950 Prospect Street		GW Sample Method: NA			
BBSB-92		UTM Northing*: NA		UTM Easting*: NA			
		Boring Location: 31' from East edge of foundation		Surface Elevation*: NA			
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	CONCRETE	Some sand	10	0.40/ 3.00			Hollow Stem Auger to 30"
1				0.50/ 5.10			
2	GRAVEL	Black, coarse grained, loose, some coke fragments	50	0.2/ 9.0			Odor and staining (4-13')
3				1.4/ 29.0			
4	SILTY CLAY	Black, low plasticity, soft, wet, trace gravel	50	1.9/ 67.0			
5				1.8/ 100.0			
6		Increasing sand		0.7/ 31.0			
7			50	0.3/ 7.0			End of boring at 15'
8							
9		Brown, no more staining					
10							
11							
12							
13							
14							
15							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.


	Project Number: JP1079.380		Date Drilled: 6/22/2015				
	Client Name: Citizens Energy Group		Personnel: TL & SO				
	Project Name: Benzol Building		Driller: EFS				
	Drilling Method: Geoprobe		Driller License: NA				
	Site Address: 2950 Prospect Street		GW Sample Method: NA				
	UTM Northing*: NA		UTM Easting*: NA				
	Boring Location: NW corner of Benzol building		Surface Elevation*: NA				
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments




[illegible]

Odor, staining, and sheen
(5-10')


End of boring at 15'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number: JP1079.380	Date Drilled: 6/22/2015
	Client Name: Citizens Energy Group	Personnel: TL & SO
	Project Name: Benzol Building	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
BBSB-94	Site Address: 2950 Prospect Street	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: 19' to the East of foundation edge	Surface Elevation*: NA


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0		GRAVEL	Some coke	60	0.4/ 6.0			Coke fragments (2-3')
1		GRAVELLY SAND	Black, coarse grained, loose, well graded, rounded, damp, coke fragments		0.2/ 29.0			
2					1.9/ 44.0			
3				2.7/ 93.0				
4				2.7/ 92.0				
5				2.6/ 61.0				
6		SAND	Increasing sand, decreasing gravel density	10	0.7/ 9.4			Staining stops (14-19')
7				2.7/ 93.0				
8				2.7/ 92.0				
9				2.6/ 61.0				
10				2.1/ 43.2				
11				0.9/ 7.2				
12				1.1/ 23.0				
13	NA					Staining (19-20')		
14								
15								
16								
17								
18								
19								
20								

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

		Project Number: JP1079.380	Date Drilled: 6/22/2015
		Client Name: Citizens Energy Group	Personnel: TL & SO
		Project Name: Benzol Building	Driller: EFS
		Drilling Method: Geoprobe	Driller License: NA
BBSB-94	Site Address: 2950 Prospect Street	GW Sample Method: NA	
	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: 19' to the East of foundation edge	Surface Elevation*: NA	


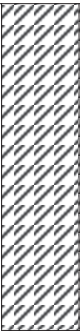
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	GRAVELLY SAND	Gray, coarse grained, well graded	NA	0.3/ 11.0			No staining and no odor at 20.5'
21							
22							
23		Brown		0.1/ 12.32			End of boring at 25'
24		0.0/ 10.4					
25							

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	Project Number: JP1079.380	Date Drilled: 6/22/2015
	Client Name: Citizens Energy Group	Personnel: TL & SO
	Project Name: Benzol Building	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
BBSB-95	Site Address: 2950 Prospect Street	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: 48' to the East of foundation edge	Surface Elevation*: NA

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	GRAVEL	Coarse grained, some fill material	50	0.4/ 6.2			Odor (6-20')
1				1.2/ 6.3			
2				0.6/ 6.3			
3		Red brick fragments	60	16.7/ 18.3			
4	SILTY CLAY	Black stained, tar material		47.9/ 19.3			
5		Concrete/gravel fragments, whitish gray		113/ 163			
6		Grayish brown, fine grained, soft, damp		85.2/ 76.3			
7			60	78.3/ 63.1			
8		Brown		977/ 2,102			
9				33/ 300			
10		Saturated	70				Staining at 18'
11		Increasing sand					
12							
13							
14							
15							
16							
17							
18							
19							
20							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

		Project Number: JP1079.380		Date Drilled: 6/22/2015				
		Client Name: Citizens Energy Group		Personnel: TL & SO				
		Project Name: Benzol Building		Driller: EFS				
		Drilling Method: Geoprobe		Driller License: NA				
BBSB-95		Site Address: 2950 Prospect Street		GW Sample Method: NA				
		UTM Northing*: NA		UTM Easting*: NA				
		Boring Location: 48' to the East of foundation edge		Surface Elevation*: NA				
Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20		SILTY CLAY		80	3.6/ 19.3			No staining and no odor at 20'
21			Brown					
22								
23					1.5/ 14.1			
24					6.8/ 11.0			End of boring at 25'
25								

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

		Project Number: JP1904.320	Date Drilled: 1/19/2016
		Client Name: Citizens Energy Group	Personnel: T. Litwiller
		Project Name: PRC Investigation	Driller: EFS - K. Nagle
		Drilling Method: Geoprobe Direct Push	Driller License: WV00554
		Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
BBSB-96/BBMW-31	UTM Northing*: 1641968.91	UTM Easting*: 202202.77	
	Boring Location: W. end of oxide pad along bank	Surface Elevation*: 747.32	

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	Sandy clay, brown to black	40	0.4/ 0.0			
1							
2							
3	SILTY CLAY	Black, medium plasticity, soft, moist	50	5.3/ 0.0			Black staining and odor
4							
5							
6			50	2.8/ 0.0			Soil sample BBSB-96 (8-10') collected at 1000, MS/MSD samples collected
7							
8							
9	50	4.9/ 0.1	Well screen set (10-25')				
10							
11							
12	SANDY CLAY	Some sand and gravel		80.0/ 0.6	Product sheen/staining		
13		Low plasticity, medium stiff, wet					
14	GRAVELLY SAND	Brownish gray, coarse grained, well graded, saturated		60	24.1/ 2.7		Saturated at 13'
15							
16			60	50.1/ 1.8			
17							
18							
19			8.1/ 0.0				
20			7.9/ 3.1				


* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



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20	GRAVELLY SAND		70	9.3/ 5.6		Soil sample BBSB-96 (24-26') collected at 1030
21						
22				4.0/ 3.4		
23						
24	SILTY CLAY	Gray, medium plasticity, very stiff, damp, trace gravel	60	3.7/ 2.1		End of boring at 28'
25						
26				NA		
27						
28						

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number: JP1904.320	Date Drilled: 1/19-20/2016					
	Client Name: Citizens Energy Group	Personnel: T. Litwiller					
	Project Name: PRC Investigation	Driller: EFS - K. Nagle					
	Drilling Method: Geoprobe Direct Push	Driller License: WV00554					
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed					
BBSB-97/BBMW-32	UTM Northing*: 1642056.21	UTM Easting*: 202311.06					
	Boring Location: Center of oxide pad along bank	Surface Elevation*: 747.03					
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments

0	FILL MATERIAL	Silty clay, black	30	56.8/ 6.3			Brick fragments and gravel at 2'
1				15.9/ 0.1			
2			50	2.4/ 0.0			Brick fragments, gravel, and slight odor at 6'
3	SILTY CLAY	Black, low plasticity, medium stiff, damp, trace gravel		1.2/ 0.0			
4			30	7.4/ 2.1			Soil sample BBSB-97 (8-10') collected at 1500, SB-Dup-1 sample collected
5	SANDY CLAY	Brown, fine to medium grained, medium dense, poorly graded, moist, trace gravel		1.6/ 0.8			
6		Gray, low plasticity, medium stiff, damp, some sand	70	1.1/ 1.0			Well screen set (10-25')
7	SILTY SAND	Gray, medium grained, medium dense, well graded, moist		0.8/ 0.2			
8		Gray, medium grained, loose, well graded, wet	100	3.2/ 0.8			Saturated at 15'
9	GRAVELLY SAND	Coarse grained		2.0/ 0.5			
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

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Depth (ft.)	Soil Type	Lithology Description	% Reco	PID/FID (ppm)	GW Sample	Soil Sample	Comments
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Soil sample BBSB-97
(26-28') collected at 1010


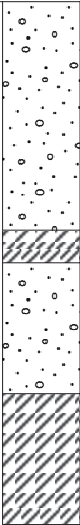
End of boring at 28'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.


	Project Number: JP1904.320	Date Drilled: 1/20/2016
	Client Name: Citizens Energy Group	Personnel: T. Litwiller
	Project Name: PRC Investigation	Driller: EFS - K. Nagle
	Drilling Method: Geoprobe Direct Push	Driller License: WV00554
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
BBSB-98/BBMW-33	UTM Northing*: 1642129.90	UTM Easting*: 202395.95
	Boring Location: E. end of oxide pad along bank	Surface Elevation*: 746.55

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	Sand, brown	30	4.7/ 0.2			Brick and gravel
1		Black		280.3/ 84.0			Black staining and odor Soil sample BBSB-98 (2-4') collected at 1520
2			50	158.0/ 15.6			Strong odor, sheen, yellow/brown product (7-16')
3				119.0/ 22.9			
4	SANDY CLAY	Brownish black, low plasticity, soft, damp, some gravel	50	265.0/ 74.2			Soil sample BBSB-98 (8-10') collected at 1225
5		Black		105.0/ 1.2			
6	SILTY CLAY	Black, low plasticity, soft, moist, some sand and gravel	10	14.5/ 1.2			Well screen set (10-25')
7				51.0/ 9.0			
8	GRAVELLY SAND	Black, medium grained, well graded, saturated	80	10.0/ 0.5			
9				12.0/ 0.9			
10	SANDY CLAY	Blackish brown, wet					
11	GRAVELLY SAND	Black, medium grained, well graded					
12							
13							
14							
15							
16							
17							
18							
19							
20							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.


<div></div> <div>BBSB-98/BBMW-33</div>		Project Number: JP1904.320		Date Drilled: 1/20/2016				
		Client Name: Citizens Energy Group		Personnel: T. Litwiller				
		Project Name: PRC Investigation		Driller: EFS - K. Nagle				
		Drilling Method: Geoprobe Direct Push		Driller License: WV00554				
		Site Address: 2950 Prospect St., Indpls., IN		GW Sample Method: Permanent Well Installed				
		UTM Northing*: 1642129.90		UTM Easting*: 202395.95				
Boring Location: E. end of oxide pad along bank		Surface Elevation*: 746.55						
Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20		GRAVELLY SAND		100	16.9/ 2.1			Soil sample BBSB-98 (26-28') collected at 1235 End of boring at 28'
21								
22								
23			Brownish gray		1.3/ 0.7			
24		SILTY CLAY	Gray, low plasticity, medium stiff, moist, few gravel					
25		GRAVELLY SAND	Gray, medium grained, well graded, wet, some clay	100	0.6/ 0.2			
26					Gray, medium plasticity, stiff, moist			
27		SILTY CLAY			0.3/ 0.1			
28								

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	Project Number: JR0576.359	Date Drilled: 5/2/2017
	Client Name: Citizens Energy Group	Personnel: D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
	BBSB-128/BBMW-34	
	UTM Northing*: 1641170.99	UTM Easting*: 201922.83
	Boring Location: BBSB-128/BBMW-34	Surface Elevation*: 749.47


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	Asphalt/concrete, light gray, medium grained, loose, well graded, damp, some gravelly sand	100	0.2/ 0.0			
1		Dark gray					
2		(Sand), tan, medium grained, very loose, well graded, dry, some gravel		0.3/ 0.0			
3							
4		Tan and orange, fine grained	80	0.6/ 0.0			
5				0.2/ 0.0			
6							
7			75	0.6/ 0.0			
8		Tan and beige, damp		0.2/ 0.0			
9							
10	Interbedded clay layers	0.2/ 0.0					
11	(Sand), tan, medium grained, very loose, well graded, dry, some gravel						
12		50	0.5/ 0.0				
13			0.3/ 0.0				
14	Interbedded clay layers						
15	GRAVELLY SAND	Brown, coarse grained, medium dense, well graded, saturated	10	0.1/ 0.0			
16				0.3/ 0.0			
17		Dark brown					
18							
19							
20							

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	Project Number: JR0576.359	Date Drilled: 5/2/2017
	Client Name: Citizens Energy Group	Personnel: D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
BBSB-128/BBMW-34	UTM Northing*: 1641170.99	UTM Easting*: 201922.83
	Boring Location: BBSB-128/BBMW-34	Surface Elevation*: 749.47

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	GRAVELLY SAND		60	0.3/ 0.0			Switched to macro core (27.5-32')
21							
22			2	0.6/ 0.0			
23							
24							
25	SILTY CLAY	Gray, high plasticity, very stiff, moist	45	0.3/ 0.0			
26				0.5/ 0.0			
27		Medium plasticity, damp		0.2/ 0.0			
28							
29							
30				0.1/ 0.0			
31							
32							End of boring at 32'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number: JR0576.359	Date Drilled: 5/2/2017
	Client Name: Citizens Energy Group	Personnel: D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
	UTM Northing*: 1641239.74	UTM Easting*: 202372.52
BBSB-129/BBMW-35	Boring Location: BBSB-129/BBMW-35	Surface Elevation*: 752.05

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	(Gravelly sand), light gray, medium grained, loose, well graded, damp	35	0.2/ 0.0			Cement at 0.5'
1				1.9/ 0.0			Red brick at 1'
2							
3	SILTY SAND	Brown, coarse grained, loose, well graded, wet, trace gravel	50	0.3/ 0.0			Slight odor at 4'
4				0.2/ 0.0			Well screen set at (5-15')
5			65	0.3/ 0.0			
6				0.2/ 0.0			
7							
8		Saturated		0.3/ 0.0			Saturated at 8'
9			45	0.5/ 0.0			
10							
11							
12		Fine grained		0.4/ 0.0			
13	SILTY CLAY	Dark gray, low plasticity, medium stiff, damp	90	0.4/ 0.0			
14							
15		Hard		0.4/ 0.0			
16							
17							End of boring at 20'
18							
19							
20							


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Project Number: JR0576.359	Date Drilled: 5/1/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
UTM Northing*: 1641391.42	UTM Easting*: 202140.98
Boring Location: BBSB-130/BBMW-36	Surface Elevation*: 749.38


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	(Gravelly sand), black, medium grained, very loose, well graded, damp	75	0.2/ 0.0			Rock, brick, and cement fragments at 1'
1		Dark brown, medium plasticity, soft, moist, some sand		0.3/ 0.0			
2	SILTY CLAY	Dark brown/black	60	15.9/ 0.0			Coke fragments at 4' Rock fragments at 5'
3				0.4/ 0.0			
4				0.4/ 0.0			
5				0.4/ 0.0			
6	GRAVELLY SAND	Wet	45	0.5/ 0.0			Well screen set at (13-23')
7		Brown/tan/orange, medium grained, loose, well graded, wet		0.4/ 0.1			
8				1.2/ 0.8			
9		Light brown, saturated		0.9/ 0.0			
10		Gray		0.4/ 0.0			
11							

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	Project Number: JR0576.359	Date Drilled: 5/1/2017
	Client Name: Citizens Energy Group	Personnel: D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
BBSB-130/BBMW-36	UTM Northing*: 1641391.42	UTM Easting*: 202140.98
	Boring Location: BBSB-130/BBMW-36	Surface Elevation*: 749.38

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	SAND	Brown, fine grained, loose, poorly graded, saturated, trace gravel	65	0.3/0.0			
21							
22	GRAVELLY SAND	Orange brown, medium grained, loose, well graded, saturated	60	0.2/0.0			
23							
24		Gray					
25	SILTY CLAY			0.5/0.0			
26							
27				2.2/0.0			
28		Gray, low plasticity, very stiff, damp, trace sand					End of boring at 28'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number: JR0576.359	Date Drilled: 5/12/2017
	Client Name: Citizens Energy Group	Personnel: D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
BBSB-131/BBMW-37	UTM Northing*: 1641403.67	UTM Easting*: 202581.50
	Boring Location: BBSB-131/BBMW-37	Surface Elevation*: 754.14

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	(Gravelly sand), brown, medium grained, loose, well graded, damp	60	0.1/ NM			Rock fragments at 0.5'
1							Cement and coke fragments at 1'
2				0.5/ NM			NM = Not measured; FID malfunctioned
3	SILTY SAND		80	0.9/ NM			Rock fragments at 5'
4							Well screen set at (5-15')
5				1.2/ NM			
6	GRAVELLY SAND	Light brown, loose, poorly graded, moist	90	1.6/ NM			Saturated at 8'
7		Saturated					
8				1.0/ NM			
9	SILTY SAND	Light brown, medium grained, loose, well graded, saturated, some silt	80	0.4/ NM			
10							
11				0.7/ NM			
12	GRAVELLY SAND		100	0.7/ NM			
13							
14				0.7/ NM			
15	SILTY SAND		100	0.7/ NM			
16							
17				0.7/ NM			
18	SILTY SAND	Brown, fine grained, medium dense, poorly graded, wet	100	0.7/ NM			
19							
20				0.7/ NM			

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Project Number: JR0576.359	Date Drilled: 5/12/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
UTM Northing*: 1641403.67	UTM Easting*: 202581.50
Boring Location: BBSB-131/BBMW-37	Surface Elevation*: 754.14

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	SILTY SAND		100	1.5/ NM			
21							
22		Moist	0	1.8/ NM			
23							
24							
25	SILTY CLAY		100	NA/ NM			Switched to macro core (28-32') End of boring at 32'
26							
27			100	NA/ NM			
28		Gray, medium grained					
29				0.7/ NM			
30							
31		Gray, low plasticity, hard, damp		0.5/ NM			
32							


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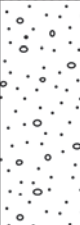



Project Number: JR0576.359	Date Drilled: 5/2/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
UTM Northing*: 1641447.71	UTM Easting*: 202963.37
Boring Location: BBSB-132/BBMW-38	Surface Elevation*: 756.33


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	(Gravelly sand), black, medium grained, loose, well graded, damp	90	183/ 44.7			Cement fragments at 1' Brick fragments at 1.5' Coke fragments at 2'
1							
2							
3	SILTY CLAY	Low plasticity, soft, moist, brown mottling	80	8.9/ 3.1			Odor and sheen at 3' Well screen set at (6-16')
4							
5				1.4/ 0.5			
6							
7				1.5/ 0.0			
8	SILTY SAND		70	1.6/ 0.0			Saturated at 12'
9							
10		Increasing sand					
11		Reddish brown, medium grained, very loose, poorly graded, wet		1.0/ 0.0			
12		Saturated					
13	SILTY CLAY		50	1.4/ 0.0			End of boring at 20'
14							
15				1.2/ 0.0			
16		Gray, low plasticity, hard, damp					
17				1.2/ 0.0			
18			100				
19				0.9/ 0.0			
20							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number: JR0576.359	Date Drilled: 5/12/2017
	Client Name: Citizens Energy Group	Personnel: D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
BBSB-133/BBMW-39	UTM Northing*: 1641522.98	UTM Easting*: 202623.64
	Boring Location: BBSB-133/BBMW-39	Surface Elevation*: 753.41

Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0		FILL MATERIAL	(Gravelly sand), black, medium grained, loose, well graded, damp	60	7.1/ NM			NM = Not measured; FID malfunctioned Rock and concrete fragments at 1'
1								
2								
3		SILTY CLAY	Black, medium plasticity, medium stiff, moist	25	15.1/ NM			Staining and odor at 4'
4								
5								
6								
7			Soft, increasing sand	80	33.8/ NM			Strong odor, heavy sheen and coke fragments at 8' Well screen set at (9-19')
8								
9								
10		SILTY SAND	Black, medium grained, medium dense, poorly graded, moist		15.0/ NM			Odor at 10'
11								
12		GRAVELLY SAND	Black, coarse grained, loose, well sorted, saturated	100	84.0/ NM			Strong odor and sheen at 13' Sheen and trace NAPL at 14'
13								
14								
15		SILTY SAND	Dark gray, medium grained, medium dense, poorly graded, moist	90	28.7/ NM			Switched to macro core (16-28')
16								
17								
18								
19			Some gravel		4.5/ NM			
20					2.1/ NM			

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number: JR0576.359	Date Drilled: 5/12/2017
	Client Name: Citizens Energy Group	Personnel: D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
BBSB-133/BBMW-39	UTM Northing*: 1641522.98	UTM Easting*: 202623.64
	Boring Location: BBSB-133/BBMW-39	Surface Elevation*: 753.41

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	SILTY SAND	Wet	100	8.0/ NM			Sheen at 20'
21							
22			100	2.2/ NM			
23							
24	SILTY CLAY	Gray, low plasticity, very stiff, damp, trace sand	100	2.2/ NM			End of boring at 28'
25							
26			100	2.0/ NM			
27							
28							


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Project Number: JR0576.359	Date Drilled: 5/2/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
UTM Northing*: 1641601.37	UTM Easting*: 203116.98
Boring Location: BBSB-134/BBMW-40	Surface Elevation*: 758.03

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	(Gravelly sand), black, medium grained, loose, well graded, damp	75	0.1/ 0.0			Rock fragments at 0.5'
1		Light brown, low plasticity, soft, damp, some gravel		0.3/ 0.0			
2	SILTY CLAY	Medium plasticity, moist	90	0.2/ 0.0			Rock fragments at 5'
3							
4							
5		Wet		0.1/ 0.0			Well screen set at (5.5-10.5')
6	SILTY SAND	Brown, medium grained, loose, poorly graded, saturated	90	0.2/ 0.0			
7							
8	SILTY CLAY	Gray, low plasticity, very stiff, damp, trace gravel	100	0.2/ 0.0			
9							
10							
11							
12							
13							
14							
15							
16							End of boring at 16'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number: JR0576.359	Date Drilled: 5/3/2017
	Client Name: Citizens Energy Group	Personnel: D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
BBSB-135/BBMW-41	UTM Northing*: 1641729.30	UTM Easting*: 202663.26
	Boring Location: BBSB-135/BBMW-41	Surface Elevation*: 753.73

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	(Gravelly sand), light brown, medium grained, loose, well graded, damp	20	0.2/ NM			NM = Not measured; FID malfunctioned
1				0.3/ NM			
2			75	0.5/ NM			
3				2.7/ NM			
4	SAND	Light brown, medium grained, loose, poorly graded, wet	75	34.1/ NM			Soil sample BBSB-135 (8-10') collected
5				53.0/ NM			
6	SILTY CLAY	Gray, low plasticity, soft, wet, some sand	50	116/ NM			Well screen set at (9-19')
7				2,019/ NM			
8	GRAVELLY SAND	Black, coarse grained, very loose, well graded, saturated	100	10.6/ NM			Staining at 10'
9				19.9/ NM			
10		Light brown	100	10.6/ NM			
11		Medium grained		19.9/ NM			

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Project Number: JR0576.359	Date Drilled: 5/3/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
UTM Northing*: 1641729.30	UTM Easting*: 202663.26
Boring Location: BBSB-135/BBMW-41	Surface Elevation*: 753.73

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	GRAVELLY SAND		100	8.6/ NM			
21		Gray, medium grained, loose, poorly graded, saturated					
22			100	0.9/ NM			
23		Light brown					
24				4.0/ NM			
25	SILTY SAND		100	1.6/ NM			
26		Fine grained					
27		Saturated	30	2.9/ NM			
28				2.0/ NM			
29			100	0.8/ NM			
30				0.7/ NM			
31							
32			100	0.4/ NM			
33							
34				0.4/ NM			
35		Increasing silt					
36							
37							
38							
39							
40							

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Project Number: JR0576.359	Date Drilled: 5/3/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
UTM Northing*: 1641729.30	UTM Easting*: 202663.26
Boring Location: BBSB-135/BBMW-41	Surface Elevation*: 753.73

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
40	SILTY SAND	Wet	100	1.1/ NM			
41				0.8/ NM			
42			100	1.8/ NM			
43				0.8/ NM			
44	SILTY CLAY	Gray, low plasticity, very stiff, damp		0.8/ NM			Soil sample BBSB-135 (47-48') collected End of boring at 48'
45							
46							
47							
48							


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Project Number: JR0576.359	Date Drilled: 5/4/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
UTM Northing*: 1641812.15	UTM Easting*: 202905.97
Boring Location: BBSB-136/BBMW-42	Surface Elevation*: 756.17


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	(Gravelly sand), dark brown, medium grained, loose, well graded, damp	80	0.2/ NM			NM = Not measured; FID malfunctioned Odor at 1'
1							
2	SILTY CLAY		60	0.4/ NM			Well screen set at (9-19') Odor at 11'
3		Light brown, medium plasticity, soft, moist, some sand					
4			75	0.4/ NM			
5							
6				0.3/ NM			
7							
8	GRAVELLY SAND	Light/dark brown mottling	5	0.5/ NM			Sheen at 17'
9							
10		Increasing silt	80	14.8/ NM			
11		Darker color					
12		Black, medium grained, loose, well graded, saturated		17.1/ NM			
13							
14	SILTY CLAY		5	17.1/ NM			End of boring at 20'
15							
16		Light brown	80	0.6/ NM			
17		Increasing grain size					
18				1.4/ NM			
19		Gray, low plasticity, very stiff, damp					
20							

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	Project Number: JR0576.359	Date Drilled: 5/4/2017
	Client Name: Citizens Energy Group	Personnel: D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
BBSB-137/BBMW-43	UTM Northing*: 1641972.50	UTM Easting*: 202669.95
	Boring Location: BBSB-137/BBMW-43	Surface Elevation*: 754.22


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	(Gravelly sand), light brown, medium grained, loose, well graded, damp	60	0.1/ NM			NM = Not measured; FID malfunctioned
1							
2		Increasing silt		0.2/ NM			Coke fragments at 3.5'
3							
4	SILTY CLAY	Brown, medium plasticity, medium stiff, moist	80	0.1/ NM			Well screen set at (9-19')
5							
6	CLAYEY SAND	Dark brown, fine grained, medium dense, poorly graded, moist	80	0.2/ NM			
7							
8			70	0.2/ NM			
9							
10	GRAVELLY SAND	Gray, coarse grained, very loose, well graded, saturated	50	5.4/ NM			Soil sample BBSB-137 (10-12') collected
11				0.2/ NM			
12			50	0.5/ NM			Soil sample BBSB-137 (18-20') collected
13							
14	SILTY CLAY	Gray, low plasticity, stiff, damp	50	0.3/ NM			End of boring at 20'
15				0.2/ NM			
16							
17							
18							
19							
20							



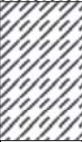

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	Project Number: JR0576.359	Date Drilled: 5/12/2017
	Client Name: Citizens Energy Group	Personnel: A.Haberfield/D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: 1641712.00	UTM Easting*: 202474.20
BBSB-138	Boring Location: BBSB-138	Surface Elevation*: 753.67


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	(Gravelly sand), light brown, medium grained, loose, well graded, damp	50	1.4/ NM			NM = Not measured; FID malfunctioned Brick and rock fragments at 1'
1				5.6/ NM			
2			40	0.9/ NM			Brick and rock fragments at 4'
3				1.2/ NM			
4				1.7/ NM			Soil sample BBSB-138 (6-8') collected
5				6.5/ NM			
6	SANDY SILT	Saturated	60	9.8/ NM			Switched to macro core (8-28') Black staining at 9'
7				69.4/ NM			
8		Black, non-plastic, soft, damp	90	18.4/ NM			Staining and NAPL present at 15'
9	GRAVELLY SAND	Increasing sand		9.0/ NM			
10		Black, medium grained, loose, well graded, saturated					
11		Coarse grained					
12		Fine grained, poorly graded					
13		Wet					






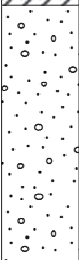



* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.


	Project Number: JR0576.359	Date Drilled: 5/12/2017
	Client Name: Citizens Energy Group	Personnel: A.Haberfield/D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
BBSB-138	UTM Northing*: 1641712.00	UTM Easting*: 202474.20
	Boring Location: BBSB-138	Surface Elevation*: 753.67

Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments	
20		GRAVELLY SAND	Black, fine grained, loose, poorly graded, wet	100	20.8/ NM			Soil sample BBSB-138 (26-28') collected	
21					10.4/ NM				
22									
23		SILTY SAND	Gray, coarse grained, medium dense, wet	100	10.8/ NM				End of boring at 28'
24									
25									
26		SILTY CLAY	Gray, low plasticity, hard, damp	100	3.5/ NM				
27									
28									


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	Project Number: JL0198.320	Date Drilled: 3/18/2011
	Client Name: Citizens Energy Group	Personnel: M. Oslos
	Project Name: Prospect Coal Storage	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
CSSB-1	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: NE corner of site property	Surface Elevation*: 752.26

Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0		COAL	Some silty sand, black, loose, damp	80	1.0/ 1.0		Brick framents	
1		SANDY GRAVEL	Fill material, brown, medium dense, damp					
2			1.0/ 1.0					
3								
4	100	1.0/ 1.0	Wet					
5								
6		SILTY CLAY	Brown, medium stiff, medium plasticity, wet, 10% gravel, 5% trace sand	100	1.0/ 1.0		Soil sample collected (6-8") at 11:10	
7								
8		GRAVELLY SAND	Brown, coarse grained, medium dense, well graded, saturated, 30% gravel	75	1.0/ 5.0		Groundwater at (8-9')	
9								
10			Wet		1.0/ 1.0			
11	Gray							
12		SILTY CLAY	Gray, medium plasticity, stiff, moist, 10% gravel	100	1.0/ 1.0			Soil sample collected (12-14') at 11:15
13								
14			1.0/ 1.0					
15	1.0/ 1.0	Refusal at 16', end of boring at 16'						
16								


	Project Number: JL0198.320	Date Drilled: 3/21/2011
	Client Name: Citizens Energy Group	Personnel: M. Oslos
	Project Name: Prospect Coal Storage	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
CSSB-2	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: Middle N. border of study site	Surface Elevation*: 754.55

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Some silty sand, black, loose, damp				
1	SILTY CLAY	Reddish brown, medium plasticity, medium stiff, moist	75	105/ 5.0		Soil sample collected (2-4') at 9:35
2				185/ 10		
3						
4						
5		10% gravel		75/ 6.0		
6	GRAVELLY SAND	Soft	100	84/ 7.0		
7						
8		Medium stiff				
9	SILTY CLAY		100	140/ 6.0		Soil sample collected (8.5-10.5') at 9:25
10						
11		Gray, medium grained, medium dense, well graded, wet, 20% gravel		65/ 13		Groundwater at (11.5-15.5')
12		Saturated				
13	SILTY CLAY		100	150/ 8.0		
14						
15	SILTY SAND			116/ 6.0		
16		Brown (top 3"), gray, medium plasticity, stiff, moist				
17		Gray, medium grained, medium dense, well graded, moist, 5% gravel	100	105/ 4.0		Soil sample collected (18-20') at 9:45
18						
19				92/ 8.0		
20						End of boring at 20'


<div></div> <div>CSSB-3</div>		Project Number: JL0198.320	Date Drilled: 3/21/2011			
		Client Name: Citizens Energy Group	Personnel: M. Oslos			
		Project Name: Prospect Coal Storage	Driller: ARK			
		Drilling Method: Geoprobe	Driller License: NA			
		Site Address: Indianapolis, IN	GW Sample Method: NA			
		UTM Northing*: NA	UTM Easting*: NA			
		Boring Location: NE of MW-8, N. site boundary	Surface Elevation*: 753.98			
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Some silty sand, black, loose, damp	75	Max/ 6.0		Coal tar present (2") Strong odor (3.5-7') Wood fragments (4-6')
1						
2		Some sandy gravel, black and brown		6,400/ 46		
3		Very moist	85	6,100/ 3,300		Brick fragments Coal tar present (6-7')
4						
5						
6	SILTY CLAY	Gray, medium plasticity, medium stiff, moist, 10% gravel, trace sand	100	2,100/ 185		Wet, sheen on water, trace reddish brown product
7						
8						
9	CLAYEY SAND	Gray, dense, well graded, moist, 20% gravel	100	2,700/ 376		Soil sample collected (10-12') at 12:05
10						
11						
12	SANDY CLAY	Brown, medium stiff, low plasticity, damp, 10% gravel	100	3,700/ 85		Soil sample collected (15-17') at 12:15
13						
14						
15		Moist	100	500/ 98		Groundwater at (17-18')
16						
17						
18	CLAYEY SAND	Brown, well graded, loose, saturated	100	480/ 26		Soil sample collected (18-20') at 12:45
19	SILTY CLAY	Brown, medium plasticity, medium stiff, moist				
20		Gray, increasing silt				End of boring at 20'

<div></div> <div>CSSB-4</div>		Project Number: JL0198.320	Date Drilled: 3/16/2011
		Client Name: Citizens Energy Group	Personnel: M. Oslos
		Project Name: Prospect Coal Storage	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
		UTM Northing*: NA	UTM Easting*: NA
		Boring Location: S. of CSMW-13, along tracks	Surface Elevation*: 758.12


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	TOPSOIL	Black, soft, moist	100	1.0/ 1.0		
1		Brown, medium plasticity, stiff, moist, 10% gravel		1.0/ 1.0		
2	SILTY CLAY		100	1.0/ 1.0		Soil sample collected (7-8') at 9:45
3				1.0/ 1.0		
4			100	1.0/ 2.0		
5				1.0/ 1.0		
6			100	1.0/ 1.0		
7				1.0/ 1.0		
8			100	1.0/ 1.0		
9				1.0/ 1.0		
10			100	1.0/ 2.0		
11				1.0/ 1.0		
12	GRAVELLY SAND	Gray, medium grained, medium dense, well graded, saturated, 35% gravel	100	1.0/ 3.0		Groundwater at (16-18')
13				1.0/ 1.0		
14	SILTY CLAY	Gray	100	1.0/ 1.0		End of boring at 20'
15				1.0/ 1.0		
16				1.0/ 1.0		
17	GRAVELLY SAND	Gray, medium grained, medium dense, well graded, saturated, 35% gravel	100	1.0/ 3.0		
18				1.0/ 1.0		
19	SILTY CLAY	Gray, medium plasticity, very stiff, moist	100	1.0/ 1.0		
20				1.0/ 1.0		

		Project Number: JL0198.320	Date Drilled: 3/18/2011
		Client Name: Citizens Energy Group	Personnel: M. Oslos
		Project Name: Prospect Coal Storage	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-5	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: N. of SB-26	Surface Elevation*: 757.21	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Some silty sand, black, loose, damp	100	2.0/ 1.0		Blue wood fragments, trace sand Blue staining (3.5') Coal tar present (4-8')
1	GRAVELLY SAND	Fill material, loose, well graded, moist		12/ 5.0		
2						
3	SANDY CLAY	Fill material, dark brown, medium plasticity, medium stiff, moist	100	260/ 400		Soil sample collected (8-10') at 12:50
4						
5		Wet		406/ 748		
6	SILTY CLAY	Brown, medium plasticity, medium stiff, moist, 5% gravel	100	22/ 19		Soil sample collected (14-16') at 12:40
7		Gray		2.0/ 1.0		
8			100	5.0/ 6.0		
9				2.0/ 2.0		
10						
11	SANDY GRAVEL	Gray, coarse grained, dense, well graded, saturated, 35% gravel	100	1.0/ 2.0		Groundwater at (16-17.5')
12						
13	SILTY CLAY	Gray, medium plasticity, stiff, moist, 5% gravel	100	1.0/ 2.0		End of boring at 20'
14						
15						
16						
17						
18						
19						
20						

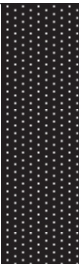



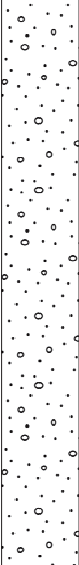







		Project Number: JL0198.320	Date Drilled: 3/18/2011
		Client Name: Citizens Energy Group	Personnel: M. Oslos
		Project Name: Prospect Coal Storage	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-6	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: NW corner of site property	Surface Elevation*: 754.92	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	TOPSOIL	Black, soft, damp	100	2.0/ 1.0	<div></div>	Coal fragments
1	SILTY CLAY	Fill material, brown, medium plasticity, medium stiff, damp, 12% gravel, 5% sand		2.0/ 2.0		Blue wood fragments Blue staining (5-6')
2						
3			1.0/ 2.0	Brick fragments		
4						
5	SANDY GRAVEL	Fill material	100	1.0/ 2.0		
6						
7	SILTY CLAY	Fill material, gray, medium plasticity, medium stiff, moist, 10% gravel, 5% trace sand	75	5.0/ 7.0		Soil sample collected (14-15.5') at 9:35
8		Dark gray, soft, very moist		58/ 68		
9		Gray, medium stiff, moist				
10	GRAVELLY SAND	Brown, loose, well graded, damp, 30% gravel	75	480/ 680		Groundwater at (15.5-16.5'), slight sheen
11						
12	SILTY CLAY	Gray, medium plasticity, medium stiff, moist, 10% gravel, 10% trace sand	75	490/ 715		Coal fragments
13						
14	SANDY GRAVEL	Black, medium dense, well graded, saturated	100	17/ 24		Soil sample collected (18-20') at 9:50
15						
16	SILTY CLAY	Brown, medium plasticity, stiff, moist, 10% gravel	100	10/ 14		End of boring at 20'
17		Gray				
18						
19						
20						

		Project Number: JL0198.320	Date Drilled: 3/16/2011
		Client Name: Citizens Energy Group	Personnel: M. Oslos
		Project Name: Prospect Coal Storage	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-7	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: Middle W. border, near tracks	Surface Elevation*: 758.31	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Some silty sand, black, loose, moist	80	1.0/ 2.0		Coal fragments
1	GRAVEL	Gray, medium grained, dense, poorly graded, angular, moist				
2		Brown, medium plasticity, medium stiff, moist, 15% gravel				
3	SILTY CLAY		100	1.0/ 1.0		Soil sample collected (8-10') at 12:35
4				1.0/ 1.0		
5				1.0/ 1.0		
6				1.0/ 2.0		
7			100	1.0/ 1.0		Soil sample collected (18-19.5') at 12:50
8				1.0/ 1.0		
9				1.0/ 1.0		
10		Gray	100	1.0/ 1.0		Groundwater at (19.5'), end of boring at 20'
11	SAND	Coarse grained				
12		Brown, medium plasticity, medium stiff, moist, 15% gravel				
13	SILTY CLAY		100	1.0/ 1.0		
14				1.0/ 1.0		
15				1.0/ 1.0		
16				1.0/ 2.0		
17			100	1.0/ 2.0		
18				1.0/ 3.0		
19	GRAVELLY SAND	Gray, coarse grained, medium dense, well graded, saturated, 25% gravel				
20						

	Project Number: JL0198.320	Date Drilled: 3/18/2011
	Client Name: Citizens Energy Group	Personnel: M. Oslos
	Project Name: Prospect Coal Storage	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
CSSB-8	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: E. of SB-25	Surface Elevation*: 755.79


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		COAL	Some silty sand, black, loose, damp	75	3.0/ 12		
1			Some sandy gravel				
2			40% soil, 60% gravel		3.0/ 290		
3							
4		SILTY CLAY	Fill material, dark gray, medium stiff, moist	100	4.0/ 15		Soil sample collected (8-10') at 3:20
5	COAL		2.0/ 1.0				
6							
7		GRAVELLY SAND	Brown, medium dense, well graded, moist, 25% gravel	80	2.0/ 4.0		Groundwater at (11-15.5')
8			Saturated		3.0/ 4.0		
9							
10			100	4.0/ 15			
11				3.0/ 2.0			
12		SILTY SAND	Gray, medium plasticity, stiff, moist, 5% gravel	100	3.0/ 2.0		Soil sample collected (16-18') at 3:30
16							
17		SILTY CLAY		100	3.0/ 1.0		End of boring at 20'
18							
19		SAND	Gray, coarse grained				
20							

		Project Number: JL0198.320	Date Drilled: 3/17/2011
		Client Name: Citizens Energy Group	Personnel: M. Oslos
		Project Name: Prospect Coal Storage	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
CSSB-9	Site Address: Indianapolis, IN	GW Sample Method: NA	
	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: Middle W. side boundary	Surface Elevation*: 754.87	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Black, moist	75	2.0/ 2.0		Coal fragments
1	SANDY GRAVEL	Fill material, black/brown, dense, well graded, moist		2.0/ 9.0		
2						
3			100	4.0/ 70		Odor (6-10')
4	SILTY CLAY	Dark gray, medium plasticity, stiff, moist		16/ 205		
5						
6			100	28/ 260		Soil sample collected (8-10') at 2:45
7	SAND	Trace sand		17/ 168		
8						
9			100	52/ 250		Odor, greenish-yellow staining (12-14') Groundwater at (12.5-14')
10	SILTY CLAY	Wet		18/ 59		
11						
12			100	9.0/ 47		Odor (16-18')
13	SAND	Gray, medium grained, medium dense, poorly graded, saturated		2.0/ 4.0		
14						
15			100			Soil sample collected (18-20') at 3:45
16	SAND	Gray, medium plasticity, very stiff, moist, 10% gravel				
17						
18			100			End of boring at 20'
19	SAND	Brown, medium grained, medium dense, poorly graded, moist				
20						


		Project Number: JL0198.320	Date Drilled: 3/16/2011
		Client Name: Citizens Energy Group	Personnel: M. Oslos
		Project Name: Prospect Coal Storage	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-10	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: SE corner of property	Surface Elevation*: 761.67	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0	COAL	Some silty sand, black, loose, moist	75	1.0/ 1.0		Brick fragments	
1	SANDY GRAVEL	Fill material, brown/black, coarse grained, dense, wet		2.0/ 2.0			
2							
3			100	2.0/ 3.0			
4	SILTY CLAY	Brown, medium plasticity, stiff, moist, 10% gravel, 5% trace sand					2.0/ 5.0
5							
6			100	2.0/ 4.0		Soil sample collected (6-8') at 2:47	
7	SAND	Brown, medium grained, medium dense, wet					2.0/ 4.0
8							
9	SAND	Brown, medium plasticity, stiff, moist, 5% gravel, 5% trace sand	100	2.0/ 4.0		Groundwater at (8-8.5')	
10							
11	SILTY CLAY	Brown, medium plasticity, stiff, moist, 5% gravel, 5% trace sand	100	2.0/ 4.0		Soil sample collected (10-12') at 2:54	
12							
13	SILTY CLAY	Gray, very stiff	100	2.0/ 4.0			
14							
15			100	2.0/ 5.0			
16	SILTY CLAY	Gray, very stiff					2.0/ 3.0
17							
18			100	2.0/ 3.0			
19	SILTY CLAY	Gray, very stiff					2.0/ 3.0
20							


<div></div> <div>CSSB-11</div>		Project Number: JL0198.320	Date Drilled: 3/17/2011
		Client Name: Citizens Energy Group	Personnel: M. Oslos
		Project Name: Prospect Coal Storage	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
		UTM Northing*: NA	UTM Easting*: NA
		Boring Location: S. of SB-24, SW site boundary	Surface Elevation*: 757.74

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Some silty sand, black, loose, moist	100	1.0/ 1.0		Borehole is on a mound 3' higher than surrounding ground. Coal fragments
1		Fill material, black, medium dense, moist		1.0/ 1.0		
2	SANDY GRAVEL			1.0/ 1.0		
3		Brown, medium plasticity, medium stiff, moist	1.0/ 1.0			
4	SILTY CLAY		100	1.0/ 1.0		
5				1.0/ 1.0		
6		2% gravel		1.0/ 5.0		
7						
8		8% trace sand	100	1.0/ 4.0		Soil sample collected (10-12') at 9:15 Groundwater at (12-20')
9	GRAVELLY SAND	Brown, medium grained, medium dense, well graded, moist, 15% gravel		1.0/ 5.0		
10						
11						
12		Saturated	100	1.0/ 2.0		
13				1.0/ 2.0		
14				1.0/ 2.0		
15				1.0/ 2.0		
16			100	1.0/ 2.0		
17				1.0/ 2.0		
18				1.0/ 2.0		
19				1.0/ 2.0		
20						


	Project Number: JL0198.320	Date Drilled: 3/17/2011
	Client Name: Citizens Energy Group	Personnel: M. Oslos
	Project Name: Prospect Coal Storage	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
CSSB-11	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: S. of SB-24, SW site boundary	Surface Elevation*: 757.74

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SILTY CLAY	5% clay	100	1.0/ 4.0		Soil sample collected (20.5-22.5') at 9:40 End of boring at 24'
21		Gray, medium plasticity, very stiff, moist, 5% gravel				
22						
23						
24						


<div></div> <div>CSSB-12</div>		Project Number: JL0198.320	Date Drilled: 3/17/2011				
		Client Name: Citizens Energy Group	Personnel: M. Oslos				
		Project Name: Prospect Coal Storage	Driller: ARK				
		Drilling Method: Geoprobe	Driller License: NA				
		Site Address: Indianapolis, IN	GW Sample Method: NA				
		UTM Northing*: NA	UTM Easting*: NA				
		Boring Location: SW corner of site boundary	Surface Elevation*: 754.52				
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0	COAL	Some silty sand, black, loose, moist, 5% gravel	100	1.0/ 2.0	<div></div>		
1				1.0/ 1.0			
2			100	1.0/ 1.0			
3				1.0/ 31			
4	SILTY CLAY	Wet	100	1.0/ 1.0		Soil sample collected (7-8') at 11:40	
5				1.0/ 23			
6			100	1.0/ 1.0		Soil sample collected (14-16') at 11:50	
7				1.0/ 2.0			
8			100	1.0/ 3.0		Groundwater at (16-18')	
9				1.0/ 1.0			
10			100	1.0/ 1.0		End of boring at 20'	
11				1.0/ 3.0			
12	GRAVELLY SAND	Gray, medium grained, loose, well graded, saturated, 25% gravel	100				
13	SILTY CLAY	Brown, medium plasticity, medium stiff, wet, 5% gravel					
14	SAND	Brown, fine grained, medium dense, poorly graded, wet					
15							
16							
17							
18							
19							
20							




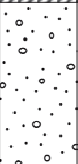



<div></div> <div>CSSB-13</div>		Project Number: JL0198.320	Date Drilled: 3/21/2011
		Client Name: Citizens Energy Group	Personnel: M. Oslos
		Project Name: Prospect Coal Storage	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
		UTM Northing*: NA	UTM Easting*: NA
		Boring Location: NE corner of site property	Surface Elevation*: 753.87


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments		
0	COAL	Some silty sand, black, loose, moist	75	8.0/ 1.0		Coal tar present (2")		
1				205/ 38				
2								
3								
4	SANDY CLAY	Wet	100	170/ 24		Soil sample collected (9-11') at 2:35		
5								
6	CLAYEY SAND	Dark gray, low plasticity, medium stiff, moist, 15% gravel	100	190/ 10			Groundwater at (11-13.5')	
7								
8	GRAVELLY SAND	Dark gray, fine grained, medium dense, poorly graded, wet, 15% clay	100	200/ 9.0		Soil sample collected (18-20') at 2:40		
9								
10	SILTY CLAY	Brown, medium grained, medium dense, well graded, saturated, 20% gravel	100	205/ 11			End of boring at 20'	
11								
12	SANDY CLAY	Gray, stiff, moist, 5% gravel	100	140/ 6.0				
13								
14	SANDY CLAY		100	158/ 8.0				
15								
16	SANDY CLAY		100	80/ 6.0				
17								
18	SANDY CLAY		100	25/ 23				
19								
20	SANDY CLAY		100					
21								

		Project Number: JL0198.320	Date Drilled: 3/22/2011
		Client Name: Citizens Energy Group	Personnel: M. Oslos
		Project Name: Prospect Coal Storage	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-14	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: N. of SB-26, near N. border	Surface Elevation*: 754.28	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Some silty sand, black, loose, damp	75	3.0/ 3.0		Strong odor (4-10.5') Sheen on soil, coal fragments Coal tar present (6") Soil sample collected (8-10') at 9:30
1		Some sandy gravel, black/brown, 60% coal, 40% fill material				
2		Some silty sand, black, wet	50	4.0/ 4.0		
3				9.0/ 14		
4	SILTY SAND	Gray, fine grained, medium dense, poorly graded, moist, 5% gravel	50	158/ 715		
5						
6	SILTY CLAY	Gray, medium plasticity, stiff, moist, 10% gravel	75	56/ 160		
7	SILTY SAND	Gray, medium grained, medium dense, poorly graded, moist, 10% gravel	75	45/ 156		Soil sample collected (12-14') at 9:45 Groundwater at (14.5-16.5')
8		Decrease in gravel with depth				
9		Saturated	100	8.0/ 60		
10	SILTY CLAY	Gray, low plasticity, hard, damp, 10% gravel	100	6.0/ 16		Soil sample collected (18-20') at 10:00 End of boring at 20'
11						
12	SILTY SAND		75	12/ 46		
13						
14	SILTY CLAY		100			
15						
16	SILTY SAND		75	45/ 156		
17						
18	SILTY CLAY		100	8.0/ 60		
19						
20	SILTY SAND		75	12/ 46		
21						

	Project Number: JL0198.320	Date Drilled: 3/22/2011
	Client Name: Citizens Energy Group	Personnel: M. Oslos
	Project Name: Prospect Coal Storage	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
CSSB-15	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: S. of CSSB-26	Surface Elevation*: 754.18


Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0		COAL	Some silty sand, black, loose, moist	90	130/ 3.0			
1		SILTY CLAY	Brown, medium plasticity, stiff, moist, 5% gravel, trace sand					
2			Medium stiff		132/ 3.0			
3								
4				100				124/ 3.0
5			106/ 3.0					
6								
7			100		45/ 7.0			
8								
9				Gray	152/ 2.0			
10								
11		GRAVELLY SAND	Gray, coarse grained, medium dense, well graded, wet, 15% gravel, trace clay	100	110/ 15			Soil sample collected (10-11.5') at 11:25
12			Groundwater at (12-14')					
13					93/ 2.0			
14		SILTY CLAY	Gray, low plasticity, hard, moist to damp, 8% gravel	60/ 2.0			Soil sample collected (14-16') at 11:30	
15			End of boring at 16'					
16								

<div></div> <div>CSSB-16</div>		Project Number: JL0198.320	Date Drilled: 3/22/2011
		Client Name: Citizens Energy Group	Personnel: M. Oslos
		Project Name: Prospect Coal Storage	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
		UTM Northing*: NA	UTM Easting*: NA
		Boring Location: NE of CSSB-25	Surface Elevation*: 754.86


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments			
0	COAL	Some silty sand, black, loose, damp	75	3.0/ 4.0	<div></div>	Soil sample collected (2-4') at 3:50			
1	SILTY CLAY	Reddish brown, medium plasticity, medium stiff, damp							
2		Trace sand, 8% gravel		10/ 2.0					
3							Increasing sand		
4	GRAVELLY SAND	Brown, coarse grained, loose, well graded, damp, 10% gravel	75	6.0/ 1.0	<div></div>	Soil sample collected (8-10') at 4:00			
5		Moist		5.0/ 2.0					
6									
7	SAND	Brown, fine grained, loose, poorly sorted, wet	75	4.0/ 4.0			<div></div>	Groundwater at (10-15')	
8		Saturated		3.0/ 3.0					
9									
10	CLAYEY SAND	Brown, medium grained, dense, well graded, saturated, 10% gravel	75	3.0/ 12	<div></div>				
11		SANDY GRAVEL		Gray, coarse grained, loose, well graded, saturated, 10% sand					4.0/ 11
12				Gray, medium plasticity, stiff, moist, 10% gravel					4.0/ 10
13	SILTY CLAY	100	5.0/ 7.0				<div></div>	End of boring at 20'	
14			Increase in silt	4.0/ 5.0					
15									
16									
17									
18									
19									
20									

	Project Number: JL0198.320	Date Drilled: 3/23/2011
	Client Name: Citizens Energy Group	Personnel: M. Oslos
	Project Name: Prospect Coal Storage	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-17	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: W. of CSSB-25	Surface Elevation*: 753.64


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Some silty sand, black, loose, damp	75	170/ 114		
1				140/ 310		
2	SILTY CLAY	Fill material, gray, medium plasticity, medium stiff, moist	100	340/ 115		Coal fragments
3				210/ 68		Soil sample collected (4-6') at 12:15
4	SANDY CLAY	Brown, medium plasticity, soft, very moist, trace sand, 5% gravel	100	265/ 70		Odor (7-22')
5				330/ 660		Soil sample collected (8-10') at 12:20
6	GRAVELLY SAND	Greenish gray, low plasticity, medium stiff, moist, 10% gravel	100	55/ 120		Groundwater at (10-14') Black staining (10-11') Reddish brown free product (11-14')
7				120/ 40		
8	SANDY CLAY	Gray, medium stiff, moist	100	145/ 40		Reddish discoloration in Sandy Clay seam
9				35/ 22		
10	GRAVELLY SAND	Gray, medium grained, loose, well graded, saturated	100			
11						
12	SAND	Tan, medium grained, loose, well graded, wet	100			
13						
14	SAND		100			
15						
16	SAND		100			
17						
18	SAND		100			
19						
20	SAND		100			
21						


	Project Number: JL0198.320	Date Drilled: 3/23/2011
	Client Name: Citizens Energy Group	Personnel: M. Oslos
	Project Name: Prospect Coal Storage	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
CSSB-17	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: W. of CSSB-25	Surface Elevation*: 753.64

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20						
21				80/ 15		
22		Reddish brown, medium stiff, moist	100			Soil sample collected (22-24') at 12:25
23	SANDY SILT			32/ 6.0		
24						End of boring at 24'

	Project Number: JL0198.320	Date Drilled: 3/23/2011
	Client Name: Citizens Energy Group	Personnel: M. Oslos
	Project Name: Prospect Coal Storage	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-18	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: NE of SB-24	Surface Elevation*: 755.48

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Some silty sand, black, loose, damp	75	5.0/ 1.0		Coal fragments
1	SANDY GRAVEL	Fill material, black, medium dense, damp		4.0/ 7.0		
2						
3	SILTY CLAY	Greenish gray, medium plasticity, medium stiff, moist, trace sand and gravel	100	3.0/ 2.0		
4				6.0/ 11		
5		Brown				
6		Decreasing sand	100	22/ 9.0		
7				5.0/ 2.0		
8						
9	SANDY CLAY	Gray, medium plasticity, medium stiff, moist, 8% gravel	100	26/ 2.0		Soil sample collected (12-14') at 9:45
10				8.0/ 4.0		
11				8.0/ 20		
12	SANDY GRAVEL	Gray, fine grained, loose, well graded, saturated	100	10/ 2.0		Groundwater at (15.5-16')
13		Gray, low plasticity, hard, moist, 8% gravel				
14	SILTY CLAY					
15	CLAYEY SILT	Gray, medium stiff, moist	100	9.0/ 4.0		End of boring at 20'
16						
17						
18						
19						
20						


<div></div> <div>CSSB-19</div>		Project Number: JL0198.320		Date Drilled: 3/22/2011		
		Client Name: Citizens Energy Group		Personnel: M. Oslos		
		Project Name: Prospect Coal Storage		Driller: ARK		
		Drilling Method: Geoprobe		Driller License: NA		
		Site Address: Indianapolis, IN		GW Sample Method: NA		
		UTM Northing*: NA		UTM Easting*: NA		
		Boring Location: N. of CSSB-24		Surface Elevation*: 752.76		
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Some silt, black, loose, damp	75	360/ 58		
1						
2		Some gravelly sand, brown/black, loose, moist		360/ 4.0		
3						
4						
5	SILTY CLAY	Dark gray, medium plasticity, medium stiff, moist, 15% silt	100	440/3.0		Soil sample collected (6-8') at 2:00
6						
7				1,500/ 4.0		
8	CLAYEY SILT	Soft, wet, trace sand	100	460/ 2.0		Soil sample collected (8-10') at 2:10
9		Brown, soft, very moist, 20% clay, trace sand				
10						
11	CLAYEY SAND	Brown, fine grained, loose, poorly graded, saturated, 20% clay, 8% gravel	100	600/ 3.0		Groundwater at (10-18.5')
12						
13				290/ 2.0		
14			100	180/ 24		
15	GRAVELLY SAND	Brown, medium grained, medium dense, well graded, saturated, 40% gravel	100	136/ 15		
16						
17				126/ 8.0		
18	SILTY SAND	Brown, fine grained, medium dense, poorly graded, wet, 20% silt	100	230/ 11		
19						
20		Gray, low plasticity, hard, moist, 8% gravel				

	Project Number: JL0198.320	Date Drilled: 3/22/2011
	Client Name: Citizens Energy Group	Personnel: M. Oslos
	Project Name: Prospect Coal Storage	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
CSSB-19	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: N. of CSSB-24	Surface Elevation*: 752.76


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
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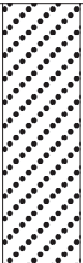


20		SILTY CLAY	100	117/ 2.0		Soil sample collected (22-24') at 2:30 End of boring at 24'
21						
22				68/ 2.0		
23						
24						


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<div></div>		Project Number: JM1706.320	Date Drilled: 11/28/2012
		Client Name: Citizens Energy Group	Personnel: EFS
		Project Name: Coal Storage Investigation	Driller: M.O.ARC
		Drilling Method: Geoprobe	Driller License: NA
CSSB-20	Site Address: Indianapolis, IN	GW Sample Method: NA	
	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: E. of CSMW-2	Surface Elevation*: 755.06	

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Moist	75	4.0/ 20		Wood debris (5-6') Odor (6-18')
1				3.0/ 23		
2						
3	SILTY CLAY	Dark gray, low plasticity, soft, moist	100	6.0/ 42		
4				98/ 360		
5	SAND	Dark gray, fine grained, medium stiff, moist	100	240/ 2,000		Soil sample collected (10-12') at 10:10 Groundwater at (14') Green/yellow product at (14-14.5') Sheen at (16')
6				390/ 2,100		
7		Wet	100	300/ 1,800		
8				230 / 1,900		
9		Dark gray, fine grained, medium dense, saturated	100	105/ 80		
10		Gravel seam				
11		Gray, fine grained, medium stiff, trace gravel, moist	100	70/ 46		
12						
13						
14						
15						
16						
17						
18						
19						
20						


	Project Number: JM1706.320	Date Drilled: 11/28/2012
	Client Name: Citizens Energy Group	Personnel: EFS
	Project Name: Coal Storage Investigation	Driller: M.O.ARC
	Drilling Method: Geoprobe	Driller License: NA
CSSB-20	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: E. of CSMW-2	Surface Elevation*: 755.06

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	 CLAYEY SAND		100	40/ 5.0		Soil sample collected (22-24') at 10:20
21						
22				40/ 5.0		
23	 GRAVELLY SAND	Gray, coarse grained, loose, well graded, wet	100	35/ 10		End of boring at 25'
24						
25						


<div></div> <div>CSSB-21</div>		Project Number: JM1706.320		Date Drilled: 11/28/2012		
		Client Name: Citizens Energy Group		Personnel: EFS		
		Project Name: Coal Storage Investigation		Driller: M.O.ARC		
		Drilling Method: Geoprobe		Driller License: NA		
		Site Address: Indianapolis, IN		GW Sample Method: NA		
		UTM Northing*: NA		UTM Easting*: NA		
		Boring Location: E. of CSSB-20		Surface Elevation*: 755.09		
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Damp	75	4.0/ 28		
1						
2						
3				4.0/ 40		
4	CLAYEY SAND	Fill material, brown/black, medium grained, medium dense, trace gravel, damp	100	5.0/ 46		Coal fragments (6-8')
5						
6		Black, fine grained, medium dense, poorly graded, moist	100	5.0/ 85		Coal tar present (3") Soil sample collected (8-10') at 9:00
7						
8				250/ 2,200		
9						
10		Saturated	100	90/ 900		Moderate odor (8-14')
11						
12	SILTY CLAY	Gray, medium plasticity, medium stiff, moist	100	80/ 860	Groundwater at (12')	
13						
14	SAND	Dark gray, medium plasticity, medium dense, moist	100	140/ 430	Refusal at (14'), stepped out (~5') and re-drilled	
15						
16	SAND		100	128/ 215		
17						
18	SILTY CLAY	Gray, medium plasticity, medium stiff, 10% gravel, damp	100	15/ 46		Soil sample collected (18-20') at 9:15
19						
20						End of boring at 20'

		Project Number: JM1706.320	Date Drilled: 11/27/2012
		Client Name: Citizens Energy Group	Personnel: EFS
		Project Name: Coal Storage Investigation	Driller: M.O.ARC
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-22	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: E. of CSSB-21	Surface Elevation*: 754.91	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0	COAL	Moist	75	5.0/ 30		Coal fragments (2-8')	
1							
2	SANDY GRAVEL	Fill material, coarse grained, loose, well graded, dry	75	3.0/ 43			
3							
4	CLAYEY SAND	Fill material, brown, loose, well graded, 5% gravel, damp	75	3.0/ 44		Moderate odor (6-12')	
5							
6		Wet	75	8.0/ 52		Coal tar present (3") Sheen (7.5-8') Soil sample collected (8-10') at 3:45	
7							
8	SAND	Gray/black, fine grained, loose, moist	75	155/ 1,600		Groundwater at (12'), sheen Soil sample collected (13-14') at 4:00 Refusal at 14', End of boring at 14'	
9							
10		Saturated		15/ 290			
11	SILTY CLAY	Gray, medium stiff, medium plasticity, 10% gravel, damp	75	3.0/ 23			
12							
13							
14							

		Project Number: JM1706.320	Date Drilled: 11/27/2012
		Client Name: Citizens Energy Group	Personnel: EFS
		Project Name: Coal Storage Investigation	Driller: M.O.ARC
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-23	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: E. of CSSB-22	Surface Elevation*: 757.70	








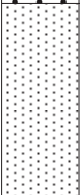



Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0	COAL	Moist	75	4.0/ 20		Boring (~6') higher than CSSB-24 & CSSB-25	
1							
2	SILTY CLAY	Fill material, brown, medium stiff, 5% gravel, damp		2.0/ 10		Coal fragments (2-8')	
3							
4	SANDY GRAVEL	Fill material, tan/black, fine grained, loose, damp	100	3.0/ 8.0		Concrete fragments (5-8')	
5							
6			100	7.0/ 20		Coal tar present (3")	
7							
8							
9	CLAYEY SAND	Brown, medium grained, loose, well graded, moist, 10% rounded gravel	100	8.0/ 22		Brick & concrete fragments (9')	
10							
11							
12		Saturated	100	6.0/ 12		Soil sample collected (12-14') at 3:15	
13							
14	SILTY CLAY	Gray, medium plasticity, stiff, moist, 10% gravel	100	2.0/ 8.0		Groundwater at (15')	
15							
16							
17							
18				2.0/ 9.0		Soil sample collected (18-20') at 3:20	
19							
20						End of boring at 20'	


<div></div> <div>CSSB-24</div>		Project Number: JM1706.320	Date Drilled: 11/27/2012
		Client Name: Citizens Energy Group	Personnel: EFS
		Project Name: Coal Storage Investigation	Driller: M.O.ARC
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
		UTM Northing*: NA	UTM Easting*: NA
		Boring Location: N. of CSMW-1	Surface Elevation*: 751.04

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Moist	75	3.0/ 20		Organic material (1-2')
1				3.0/ 30		
2			SAND	Gray, medium grained, loose, moist		75
3	6.0/ 16					
4	CLAYEY SAND	Brown, coarse grained, loose, well graded, saturated, 20% rounded gravel	100	5.0/ 40	Groundwater at (6')	
5				3.0/ 18		
6			SILTY CLAY	Gray, medium plasticity, stiff, moist, 10% gravel		100
7	3.0/ 12					
8						
9						
10						
11						
12						
13						
14						
15						


<div></div>		Project Number: JM1706.320	Date Drilled: 11/27/2012
		Client Name: Citizens Energy Group	Personnel: EFS
		Project Name: Coal Storage Investigation	Driller: M.O.ARC
		Drilling Method: Geoprobe	Driller License: NA
CSSB-25	Site Address: Indianapolis, IN	GW Sample Method: NA	
	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: NE of CSMW-1	Surface Elevation*: 751.65	

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	SILTY CLAY	Fill material, brown/gray, low plasticity, medium stiff, moist, 5% gravel	60	3.0/ 3.0		Coal fragments (0-4')
1				6.0/ 36		
2				7.0/ 35		
3	SANDY CLAY	Dark brown, soft, moist, 20% rounded gravel	60	8.0/ 50		Soil sample collected (6-8') at 1:15
4				5.0/ 32		
5		Saturated	50	10/ 63		Groundwater at (8.5-10')
6				10/ 35		
7				8.0/ 23		
8	SILTY CLAY	Gray, medium plasticity, stiff, damp, 10% gravel	75			Soil sample collected (14-15') at 1:30 End of boring at 15'
9						
10						
11						
12						
13						
14						
15						


<div></div> <div>CSSB-26</div>		Project Number: JN0038.320	Date Drilled: 3/20/2013			
		Client Name: Citizens Energy Group	Personnel: M.O. - ARK			
		Project Name: Prospect Coal Storage	Driller: EFS			
		Drilling Method: Geoprobe	Driller License: NA			
		Site Address: Indianapolis, IN	GW Sample Method: NA			
		UTM Northing*: NA	UTM Easting*: NA			
		Boring Location: W. of CSSB-20	Surface Elevation*: 755.54			
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0		Moist	100	1.0/ 4.0		Odor (5-8') Wood chunks and wet (6') Coal tar present (6-8')
1				1.0/ 4.0		
2			75	1.0/ 6.0		
3				172/ 148		
4		Dark gray, weak, low plasticity, soft, moist	75	6.0/ 26		Soil sample collected (8-10') at 10:30
5				3.0/ 16		
6		Brown, fine grained, medium dense, damp	100	2.0/ 8.0		Saturated at (15')
7				3.0/ 51		
8		Brown, fine grained, loose, well graded, saturated	100	2.0/ 4.0		Soil sample collected (18-20') at 10:15
9				2.0/ 2.0		
10		Gray, fine grained, medium dense, damp, trace gravel	100			End of boring at 20'

<div></div> <div>CSSB-27</div>		Project Number: JN0038.320	Date Drilled: 3/20/2013
		Client Name: Citizens Energy Group	Personnel: M.O. - ARK
		Project Name: Prospect Coal Storage	Driller: EFS
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
		UTM Northing*: NA	UTM Easting*: NA
		Boring Location: S. of CSSB-21	Surface Elevation*: 755.10




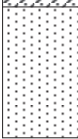
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Damp	100	1.0/ 1.0		(3") yellowish-white rock at ~3', no odor Coal fragments
1	SAND	Fill material, brown, loose, well graded, damp		1.0/ 1.0		
2		100		1.0/ 1.0		
3			1.0/ 1.0			
4		100	1.0/ 1.0			
5	1.0/ 1.0					
6	SAND	Wet	100	16/ 25		Sheen on water (6-7.5') Odor (6-8')
7						
8						
9	SILTY CLAY	Black, weak, low plasticity, soft, moist	100	9.0/ 23		Coal tar present (3") Soil sample collected (8-10') at 12:00
10		1.0/ 1.0				
11		100	1.0/ 3.0			
12			1.0/ 1.0			
13	SAND	Gray, medium dense, poorly graded, saturated	100	1.0/ 2.0		Saturated at (16')
14						
15	SAND	Gray, low plasticity, stiff, damp, trace gravel	100	1.0/ 1.0		Soil sample collected (18-20') at 12:10
16						
17	SAND	Gray, low plasticity, stiff, damp, trace gravel	100	1.0/ 1.0		End of boring at 20'
18						
19	SAND	Gray, low plasticity, stiff, damp, trace gravel	100	1.0/ 1.0		End of boring at 20'
20						


		Project Number: JN0038.320	Date Drilled: 3/20/2013
		Client Name: Citizens Energy Group	Personnel: M.O. - ARK
		Project Name: Prospect Coal Storage	Driller: EFS
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-28	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: E. of CSSB-22	Surface Elevation*: 756.83	

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Moist	100	1.0/ 14		Odor (9-14') Coal tar present (3") Reddish-brown product at (11-11.5') Soil sample collected (12-14') at 1:30
1				2.0/ 8.0		
2						
3				1.0/ 5.0		
4			75	2.0/ 12		
5						
6				1.0/ 7.0		
7				36/ 42		
8	SILTY CLAY	Wet	75		Saturated at (16')	
9						
10						
11						
12	SAND	Black, medium plasticity, soft, moist	75	30/ 38	Soil sample collected (18-20') at 1:45	
13						
14		Black, medium grained, well graded, medium dense, moist		13/ 19		
15						
16	SAND	Saturated	75	10/ 7.0	End of boring at 20'	
17						
18						
19						
20	SILTY CLAY	Gray, stiff, damp, trace gravel	75	4.0/ 4.0		


		Project Number: JN0038.320	Date Drilled: 3/21/2013
		Client Name: Citizens Energy Group	Personnel: M.O. - ARK
		Project Name: Prospect Coal Storage	Driller: EFS
		Drilling Method: Geoprobe	Driller License: NA
CSSB-29	Site Address: Indianapolis, IN	GW Sample Method: NA	
	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: W. of CSSB-26	Surface Elevation*: 755.09	

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Moist	75	2.0/ 2.0		
1				2.0/ 2.0		
2				2.0/ 2.0		
3				2.0/ 2.0		
4	SANDY CLAY	Brown, low plasticity, medium stiff, damp	75	2.0/ 2.0		
5				2.0/ 2.0		
6				2.0/ 2.0		
7				2.0/ 2.0		
8	SAND	Brown, coarse grained, loose, well graded, damp	100	4.0/ 3.0		Trace gravel at (12')
9				4.0/ 6.0		
10				4.0/ 7.0		
11				8.0/ 14		
12	SAND	Light brown, fine grained, medium dense, poorly graded, saturated	100	8.0/ 20		Soil sample collected (13-15') at 10:50
13				7.0/ 23		
14				4.0/ 8.0		
15						
16	SAND	Tan, saturated, 6" gravel seam	100			Reddish-brown product at (18'), ~6 little drops of product (~1") thick
17						
18						
19						
20						


<div></div> <div>CSSB-29</div>		Project Number: JN0038.320		Date Drilled: 3/21/2013				
		Client Name: Citizens Energy Group		Personnel: M.O. - ARK				
		Project Name: Prospect Coal Storage		Driller: EFS				
		Drilling Method: Geoprobe		Driller License: NA				
		Site Address: Indianapolis, IN		GW Sample Method: NA				
		UTM Northing*: NA		UTM Easting*: NA				
		Boring Location: W. of CSSB-26		Surface Elevation*: 755.09				
Depth (ft.)	Soil Type		Lithology Description		% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
		SANDY CLAY	Gray, low plasticity, stiff, moist	100	1.0/ 2.0		Soil sample collected (20-22') at 11:00	
			Gray, medium grained, loose, poorly graded, moist					1.0/ 2.0
		SAND					End of boring at 24'	

	Project Number: JN0038.320	Date Drilled: 3/21/2013
	Client Name: Citizens Energy Group	Personnel: M.O. - ARK
	Project Name: Prospect Coal Storage	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
CSSB-30	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: S. of CSSB-27	Surface Elevation*: 755.81


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Moist	75	2.0/ 2.0		Wet at (6.5') Odor (6.5-11')
1				2.0/ 2.0		
2			75	6.0/ 8.0		
3				18/ 28		
4	SILTY CLAY		75	22/ 32		Soil sample collected (8-10') at 11:35 Refusal at 11', completed 4 borings within a 10' x 10' area and had refusal in all borings at 11'. Concrete plug in coting shoe for all borings, End of boring at 11'
5				20/ 27		
6			75			
7						
8		Dark gray, weak, low plasticity, soft, moist				
9						
10						
11						



<div></div> <div>CSSB-31</div>		Project Number: JN0038.320	Date Drilled: 3/21/2013
		Client Name: Citizens Energy Group	Personnel: M.O. - ARK
		Project Name: Prospect Coal Storage	Driller: EFS
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
		UTM Northing*: NA	UTM Easting*: NA
		Boring Location: E. of CSSB-28	Surface Elevation*: 757.70


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0	COAL	Moist	100	1.0/ 2.0		Odor (8-12') Wet at (9')	
1				1.0/ 2.0			
2							
3				1.0/ 2.0			
4			75	3.0/ 7.0			
5							
6				8.0/ 8.0			
7							
8	SILTY CLAY	Wet	75	3.0/ 22	Soil sample collected (12-14') at 8:50 Organic material present		
9							
10				4.0/ 29			
11							
12	SAND	Dark gray, medium plasticity, medium stiff, moist, trace gravel	75	10/ 41		Saturated at (17')	
13							
14	SAND		100	6.0/ 22		Soil sample collected (18-20') at 9:00	
15							
16	SAND	Dark gray, medium grained, medium dense, saturated	100	6.0/ 10		End of boring at 20'	
17							
18	SAND	Gray, stiff, moist, trace gravel	100	2.0/ 2.0			
19							
20							

	Project Number: JN1006.320	Date Drilled: 7/29/2013
	Client Name: Citizens Energy Group	Personnel: M.O. - ARK
	Project Name: CS Characterization Invest.	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-32	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: CS	Surface Elevation*: 758.40


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Dry	100	8.0/ 2.5		Soil sample collected (12-14') at 9:10 Saturated at (14') Reddish-brown oxidation at (14-15')
1				18/ 1.2		
2	SILTY CLAY	Brown, medium plasticity, medium stiff, damp, trace gravel	100	46/ 1.0		
3				37/ 1.0		
4		Trace sand, moist		33/ 1.2		
5				40/ 1.3		
6	SANDY CLAY	Brown, medium plasticity, soft, very moist, trace gravel	90	54/ 2.1		
7				50/ 1.2		
8	CLAYEY SAND	Brown, fine grained, loose, well graded, wet, trace gravel	75	47/ 2.0		
9				24/ 1.0		
10	GRAVELLY SAND	Gray, medium grained, medium dense, well graded, saturated	60			
11		Gray, low plasticity, stiff, damp, trace sand and gravel				

	Project Number: JN1006.320	Date Drilled: 7/29/2013
	Client Name: Citizens Energy Group	Personnel: M.O. - ARK
	Project Name: CS Characterization Invest.	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
CSSB-32	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: CS	Surface Elevation*: 758.40


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	 SILTY CLAY		100	20/ 1.0		Soil sample collected (20-22') at 9:20
21						
22						End of boring at 22'

		Project Number: JN1006.320	Date Drilled: 7/29/2013
		Client Name: Citizens Energy Group	Personnel: M.O. - ARK
		Project Name: CS Characterization Invest.	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-33	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: CS	Surface Elevation*: 757.12	

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Dry	75	42/ 1.0		
1						
2	SILTY CLAY	Grayish-brown, medium plasticity, medium stiff, damp	80	80/ 2.4		Soil sample collected (6-8') at 11:00
3						
4		Brown, trace gravel		33/ 3.1		
5		Soft, moist				
6		Trace sand				
7			100	26/ 0.2		Saturated at (14')
8						
9	Soft, moist	33/ 0.4				
10			100	32/ 0.4		
11						
12			100	29/ 0.4		
13						
14	SANDY CLAY	Brown, high plasticity, soft, very moist, trace gravel	100			
15						
16	SILTY CLAY	Gray, low plasticity, stiff, damp, trace sand and gravel	60	3.3/ 0.2		Soil sample collected (18-20') at 11:15
17	SAND	Gray, medium grained, loose, poorly graded, wet, trace rounded pebbles				
18			60	11/ 1.0		End of boring at 20'
19	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel				
20						


		Project Number: JN1006.320	Date Drilled: 7/30/2013
		Client Name: Citizens Energy Group	Personnel: NS
		Project Name: CS Characterization Invest.	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-34	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: CS	Surface Elevation*: 757.08	

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0	COAL		50	103/ 10.6			
1				106/ 8.3			
2							
3	SILTY CLAY	Dark gray/black, medium plasticity, medium stiff, damp	50	42/ 14			
4							
5	SAND	Dark gray, medium grained, loose, poorly graded, damp	50	36.1/ 6.1		Soil sample collected (6-8') at 11:00	
6							
7							
8		Trace gravel	60	69.3/ 30.1			
9				45.7/ 7.3			
10							
11	GRAVELLY SAND	Black, coarse grained, loose, saturated	80	66.1/ 45		Saturated at (14') (6") of product at (15')	
12				42.1/ 6.8			
13	SAND	Gray, medium to coarse grained, well graded, saturated	80	39.9/ 6.0		Soil sample collected (18-20') at 11:15	
14				30/ 4.1			
15	SANDY CLAY	Medium plasticity, medium stiff, wet	80				
16							
17							
18							
19							
20							




	Project Number: JN1006.320		Date Drilled: 7/30/2013	
	Client Name: Citizens Energy Group		Personnel: NS	
	Project Name: CS Characterization Invest.		Driller: ARK	
	Drilling Method: Geoprobe		Driller License: NA	
CSSB-34	Site Address: Indianapolis, IN		GW Sample Method: NA	
	UTM Northing*: NA		UTM Easting*: NA	
	Boring Location: CS		Surface Elevation*: 757.08	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SILTY CLAY	Gray, low plasticity, stiff, dry	100			End of boring at 24'
21				12/ 0.1		
22						
23				7.9/ 0.2		
24						

--


		Project Number: JN1006.320	Date Drilled: 7/31/2013
		Client Name: Citizens Energy Group	Personnel: M.O. - ARK
		Project Name: CS Characterization Invest.	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
CSSB-35	Site Address: Indianapolis, IN	GW Sample Method: NA	
	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: CS	Surface Elevation*: 755.14	

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Damp	80	2.2/ 0.4		Soil sample collected (2-4') at 10:15
1		Brown, medium plasticity, medium stiff, damp, trace gravel		11.5/ 8.2		
2	SILTY CLAY		70	1.2/ 0.1		
3				1.2/ 0.1		
4			40	1.2/ 0.2		
5				1.4/ 0.3		
6	SAND	Brown, medium grained, medium dense, damp, well graded, medium grained, trace gravel	10	1.4/ 0.2		Saturated at (12')
7				1.2/ 0.2		
8			50	1.2/ 0.2		
9				1.1/ 0.2		
10		Gray				
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						


<div></div> <div>CSSB-35</div>		Project Number: JN1006.320		Date Drilled: 7/31/2013									
		Client Name: Citizens Energy Group		Personnel: M.O. - ARK									
		Project Name: CS Characterization Invest.		Driller: ARK									
		Drilling Method: Geoprobe		Driller License: NA									
		Site Address: Indianapolis, IN		GW Sample Method: NA									
		UTM Northing*: NA		UTM Easting*: NA									
Boring Location: CS		Surface Elevation*: 755.14											
Depth (ft.)	Soil Type		Lithology Description		% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments					
		SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel	100	0.8/ 0.2		Soil sample collected (22-24') at 10:25						
								0.8/ 0.2					
					End of boring at 24'								

		Project Number: JN1006.320	Date Drilled: 7/31/2013
		Client Name: Citizens Energy Group	Personnel: M.O. - ARK
		Project Name: CS Characterization Invest.	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-36	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: CS	Surface Elevation*: 753.48	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0	COAL	Sand, clay, & fill material, loose, damp	60	3.2/ 1.5		Odor (1-16')	
1						Odor in white clay material (3")	
2			50	10/ 3.4			
3				6.5/ 3.2			
4	SANDY CLAY	Moist	50	13.5/ 8.8		Soil sample collected (8-10') at 9:15	
5							
6			75	110/ 46			
7				90/ 30			
8	GRAVELLY SAND	Dark gray, low plasticity, weak, damp	75	110/ 46		Saturated at (12')	
9							
10			60	100/ 20			
11				28/ 9.5			
12	SANDY CLAY	Brown, coarse grained, medium dense, well graded, damp	60	100/ 20			
13							
14			100	9.2/ 3.1			
15				6.0/ 2.4			
16	SANDY CLAY	Brown, medium plasticity, medium stiff, moist, trace gravel	100	9.2/ 3.1			
17		Gray					
18	SAND	Gray, medium grained, loose, poorly graded, wet	100	6.0/ 2.4			
19		Gray, medium plasticity, soft, moist, trace gravel					
20							

	Project Number: JN1006.320	Date Drilled: 7/31/2013
	Client Name: Citizens Energy Group	Personnel: M.O. - ARK
	Project Name: CS Characterization Invest.	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
CSSB-36	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: CS	Surface Elevation*: 753.48


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	CLAYEY SILT		90	2.4/ 1.1		
21						
22	SILTY CLAY	Gray, low plasticity, stiff, dry, trace gravel	90	2.0/ 1.0		Soil sample collected (22-24') at 9:25
23						
24						End of boring at 24'


	Project Number: JN1006.320	Date Drilled: 7/29/2013
	Client Name: Citizens Energy Group	Personnel: M.O. - ARK
	Project Name: CS Characterization Invest.	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
CSSB-37	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: CS	Surface Elevation*: 755.95

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Dry	80	113/ 2.0		Soil sample collected (2-4') at 10:10
1				82/ 2.0		
2	SILTY CLAY	Brown, medium plasticity, medium stiff, damp, trace gravel	80	68/ 2.1		Soil sample collected (10-12') at 10:15
3				55/ 2.0		
4				45/ 2.3		
5		Soft, moist, trace sand	90	62/ 2.6		
6				30/ 1.6		
7			50	58/ 2.1		
8				47/ 2.2		
9	CLAYEY SAND	Brown, fine grained, loose, well graded, saturated	90	36/ 2.0		End of boring at 20'
10		Gray				
11	SILTY CLAY	Gray, medium plasticity, stiff, moist, trace gravel	50			
12						
13						
14						
15						
16						
17						
18						
19						
20						


		Project Number: JN1006.320	Date Drilled: 7/30/2013
		Client Name: Citizens Energy Group	Personnel: NS
		Project Name: CS Characterization Invest.	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-38	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: CS	Surface Elevation*: 755.52	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0	COAL		80	40.1/ 6.3			
1				31.3/ 4.2			
2	SILTY CLAY	Brown, medium plasticity, medium stiff, damp	80	96.3/ 7.8		Soil sample collected (4-6') at 10:10	
3				46.0/ 4.2			
4		Trace gravel	80	22/ 1.9			
5				23.3/ 2.1			
6		Moist	100	19.8/ 1.9			
7				10.3/ 1.9			
8		Gray with orange mottling	50	6.4/ 0.2			
9				3.3/ 0.1			
10		Brown, coarse grained, loose, saturated	50				Saturated at (14')
11							
12	SANDY GRAVEL						
13	SILTY CLAY	Gray, low plasticity, stiff, dry	100			Soil sample collected (18-20') at 10:25	
14							
15							
16							
17							
18							
19							
20						End of boring at 20'	

<div></div> <div>CSSB-39</div>		Project Number: JN1006.320		Date Drilled: 7/31/2013		
		Client Name: Citizens Energy Group		Personnel: M.O. - ARK		
		Project Name: CS Characterization Invest.		Driller: ARK		
		Drilling Method: Geoprobe		Driller License: NA		
		Site Address: Indianapolis, IN		GW Sample Method: NA		
		UTM Northing*: NA		UTM Easting*: NA		
		Boring Location: CS		Surface Elevation*: 754.56		
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	SAND	Fill material, damp	75	2.0/ 0.8		Coal fragments
1				3.8/ 1.0		Odor (2-4.5')
2		Moist				
3	SANDY CLAY	Dark gray, low plasticity, weak, moist	50	10.6/ 4.3		Soil sample collected (4-6') at 11:15
4		Brown, medium stiff, damp		5.1/ 2.2		
5				5.0/ 2.0		
6			50	3.6/ 2.1		Saturated at (12') Orangish-brown oxidation at (12-17')
7				3.0/ 1.6		
8				3.2/ 1.6		
9	GRAVELLY SAND	Brown, medium to coarse grained, loose, well graded, saturated	50	2.7/ 1.2		Soil sample collected (18-20') at 11:20
10						
11						
12	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel	80	3.0/ 1.0		End of boring at 20'
13						
14						
15						
16						
17						
18						
19						
20						


		Project Number: JN1006.320	Date Drilled: 7/29/2013
		Client Name: Citizens Energy Group	Personnel: M.O. - ARK
		Project Name: CS Characterization Invest.	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
CSSB-40	Site Address: Indianapolis, IN	GW Sample Method: NA	
	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: CS	Surface Elevation*: 758.92	

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	SAND	Fill material, dry	75	17/ 11		Coal fragments
1						
2						
3		Damp		27/ 4.0		
4	SILTY CLAY	Dark gray, medium plasticity, medium stiff, moist	80	26/ 0.5		Soil sample collected (6-8') at 1:50
5		Brown, trace sand				
6		Soft				
7		Trace gravel		34/ 1.0		
8			100	4.2/ 1.1		Wet at (12')
9						
10				3.5/ 0.4		
11			100	14/ 0.8		Saturated at (16')
12	CLAYEY SAND	Brown, fine grained, loose, well graded, trace clay, trace sand				
13		Stiff				
14		Gray	3.2/ 0.2			
15			100	2.1/ 0.2		Soil sample collected (18-20') at 2:00
16	SAND	Gray, fine grained, loose, well graded, saturated				
17		Gray, low plasticity, stiff, damp, trace sand and gravel				
18	SILTY CLAY		100	2.0/ 0.1		End of boring at 20'
19						
20						


<div></div> <div>CSSB-41</div>		Project Number: JN1006.320	Date Drilled: 7/29/2013			
		Client Name: Citizens Energy Group	Personnel: M.O. - ARK			
		Project Name: CS Characterization Invest.	Driller: ARK			
		Drilling Method: Geoprobe	Driller License: NA			
		Site Address: Indianapolis, IN	GW Sample Method: NA			
		UTM Northing*: NA	UTM Easting*: NA			
		Boring Location: CS	Surface Elevation*: 755.33			
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Some sand, wet	50	115/ 2.0		Soil sample collected (3-4') at 12:00
1				100/ 140		
2						
3	SILTY CLAY	Gray, medium plasticity, medium stiff, moist	75	25/ 20		
4				24/ 0.8		
5						
6	SANDY CLAY	Brown, high plasticity, soft, moist, trace gravel	100	12/ 0.4		
7				28/ 0.5		
8						
9	SILTY CLAY	Brown, medium plasticity, medium stiff, moist, trace sand and gravel	100	14/ 0.4		
10				27/ 0.4		
11						
12	SAND	Gray	100	26/ 1.1		Wet at (16')
13				8.4/ 0.2		
14						
15	SAND	Gray, fine grained, loose, well graded, saturated, trace gravel	100			Soil sample collected (18-20') at 12:15
16						
17						
18	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel	100			End of boring at 20'
19						
20						

	Project Number: JN1006.320	Date Drilled: 7/30/2013
	Client Name: Citizens Energy Group	Personnel: M.O. - ARK
	Project Name: CS Characterization Invest.	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
CSSB-42	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: CS	Surface Elevation*: 754.99


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments			
0	COAL		50	88/ 3.8					
1									
2	SILTY CLAY	Dark gray, medium plasticity, medium stiff, damp	50	63/ 4.8		Soil sample collected (4-6') at 1:30			
3									
4									
5		Brown	50	68/ 3.0			Wet at (13.5')		
6		High plasticity							
7				31/ 1.8					
8			100					Soil sample collected (18-20') at 1:45	
9		Light brown, soft, wet							
10				14/ 2.0					
11			90	16/ 1.9					End of boring at 20'
12									
13		Gray, trace gravel		8.0/ 0.8					
14	SANDY GRAVEL	Gray, coarse, saturated	90						
15				9.0/ 0.2					
16	SILTY CLAY	Gray, low plasticity, stiff, damp	100	3.0/ 0.2					
17									
18									
19				1.0/ 0.1					
20									

	Project Number: JN1006.320	Date Drilled: 7/31/2013
	Client Name: Citizens Energy Group	Personnel: M.O. - ARK
	Project Name: CS Characterization Invest.	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
CSSB-43	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: CS	Surface Elevation*: 754.73


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Some sand, damp	75	2.1/ 0.8		
1						
2	SILTY CLAY	Brown, medium plasticity, medium stiff, damp, trace gravel	50	2.0/ 0.6		
3						
4	GRAVELLY SAND	Brown, medium to coarse grained, loose, well graded, damp	40	2.2/ 0.5		Soil sample collected (10-12') at 12:20
5						
6			70	2.1/ 0.4		Saturated at (12.5')
7						
8		Moist	100	2.0/ 0.5		Soil sample collected (18-20') at 12:30
9						
10			70	2.5/ 0.8		End of boring at 20'
11						
12			100	2.0/ 0.4		
13		Saturated				
14		Decrease in gravel	100	1.8/ 0.3		
15	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel				
16			100	2.1/ 0.3		
17		Dry				
18			100	2.0/ 0.2		
19						
20						

		Project Number: JN1006.320	Date Drilled: 7/30/2013
		Client Name: Citizens Energy Group	Personnel: NS
		Project Name: CS Characterization Invest.	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-44	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: CS	Surface Elevation*: 757.05	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments	
0	COAL		60	96/ 6.3			
1							
2	SILTY CLAY	Brown, medium plasticity, medium stiff, damp	100	28/ 1.8		Soil sample collected (6-8') at 2:35	
3							
4			100	19.1/ 1.1			
5							
6			100	36/ 0.2			
7		Soft, moist					
8		Trace gravel	100	14/ 0.1			
9							
10		Medium stiff, damp	100	23.3/ 0.2			
11							
12	GRAVELLY SAND	Gray, coarse grained, loose, saturated	80	19.9/ 0.1		Saturated at (13')	
13							
14	SILTY CLAY	Gray, high plasticity, soft, saturated	100	8.0/ 0.2			
15							
16			100	6.6/ 0.1			
17		Trace gravel					
18		Stiff, dry		2.2/ 0.1			
19							
20							

<div></div> <div>CSSB-45</div>		Project Number: JN1006.320	Date Drilled: 7/29/2013
		Client Name: Citizens Energy Group	Personnel: M.O. - ARK
		Project Name: CS Characterization Invest.	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
		UTM Northing*: NA	UTM Easting*: NA
		Boring Location: CS	Surface Elevation*: 754.42


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Some sand and gravel	90	1.1/ 7.3		
1						
2						
3				9.2/ 8.5		
4	SILTY CLAY	Brown, low plasticity, medium stiff, damp, trace sand and gravel	90	3.3/ 1.2		Soil sample collected (6-8') at 3:30
5		Medium plasticity		8.1/ 7.2		
6			100	1.5/ 0.2		
7				0.5/ 0.4		
8						
9						
10	CLAYEY SAND	Brown, fine grained, loose, well graded, trace gravel, moist	100	0.2/ 0.2		Saturated at (13')
11		Saturated		0.2/ 0.1		
12	SILTY CLAY	Gray, low plasticity, hard, damp, trace gravel, dry	100	0.2/ 0.1		Soil sample collected (18-20') at 3:45
13						
14						
15						
16						
17						
18						
19						
20						End of boring at 20'

	Project Number: JN1006.320	Date Drilled: 7/30/2013
	Client Name: Citizens Energy Group	Personnel: NS
	Project Name: CS Characterization Invest.	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
CSSB-46	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: CS	Surface Elevation*: 759.36


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL					
1		Orangish brown, medium plasticity, medium stiff, damp	80	84/ 3.3		
2						
3				28/ 1.6		
4						
5				14.3/ 1.4		
6		Soft, moist	100			
7		Trace gravel		37.9/ 2.1		Soil sample collected (6-8') at 3:30
8	SILTY CLAY					
9		Medium stiff		14.3/ 3.3		
10		Gray	100			
11				10.9/ 1.0		
12						
13		Soft		14.1/ 1.0		
14			100			
15				19.9/ 0.2		Saturated at (15')
16	GRAVELLY SAND	Gray, coarse grained, loose, saturated				
17		Gray, low plasticity, stiff, dry		8.2/ 0.2		
18	SILTY CLAY		100			Soil sample collected (18-20') at 3:45
19				4.4/ 0.2		
20						End of boring at 20'


		Project Number: JN1006.320	Date Drilled: 8/1/2013
		Client Name: Citizens Energy Group	Personnel: M.O. - ARK
		Project Name: CS Characterization Invest.	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-47	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: CS	Surface Elevation*: 758.88	

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Dry	80	7.0/ 3.0		
1		Brown, medium plasticity, medium stiff, damp, trace sand and gravel		30/ 1.0		
2	100		30/ 1.0			
3			30/ 1.0			
4	100		32/ 3.0			
5			23/ 1.0			
6	100		13/ 1.0			
7			36/ 2.0			
8	100		41/ 2.0			
9			28/ 2.0			
10	100		24/ 2.0			
11						
12	GRAVELLY SAND	Gray, medium to coarse grained, medium dense, well graded, wet	100		Soil sample collected (14-16') at 10:15	
13		Saturated				
14				Saturated at (18')		
15						
16						
17						
18						
19						
20						


	Project Number: JN1006.320	Date Drilled: 8/1/2013
	Client Name: Citizens Energy Group	Personnel: M.O. - ARK
	Project Name: CS Characterization Invest.	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
CSSB-47	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: CS	Surface Elevation*: 758.88

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	SILTY CLAY	Gray, low plasticity, hard, damp, trace gravel	100	9.0/ 1.0		Soil sample collected (20-22') at 10:25
21		Dry				
22				6.0/ 1.0		End of boring at 23'
23						


<div></div>		Project Number: JN1006.320		Date Drilled: 7/31/2013		
		Client Name: Citizens Energy Group		Personnel: M.O. - ARK		
		Project Name: CS Characterization Invest.		Driller: ARK		
		Drilling Method: Geoprobe		Driller License: NA		
		Site Address: Indianapolis, IN		GW Sample Method: NA		
CSSB-48		UTM Northing*: NA		UTM Easting*: NA		
		Boring Location: CS		Surface Elevation*: 756.85		
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Some sand, damp	80	1.0/ 0.2		
1						
2	SILTY CLAY	Brown, medium plasticity, medium stiff, damp, trace gravel	100	0.4/ 0.1		
3						
4						
5			0.4/ 0.1			
6		Soft	100	0.5/ 0.1		
7		Trace sand				
8			100	0.5/ 0.1		
9						
10						
11			0.6/ 0.1			
12	GRAVELLY SAND		60	0.6/ 0.2	Soil sample collected (12-14') at 3:45	
13		Soft				
14		Brown, medium to coarse grained, medium dense, well graded, saturated		0.6/ 0.2		
15			100	0.5/ 0.2	Saturated at (14')	
16	Gray					
17	Gray, low plasticity, stiff, damp, trace gravel					
18	SILTY CLAY		100	0.5/ 0.2	Soil sample collected (18-20') at 3:50	
19						
20					End of boring at 20'	

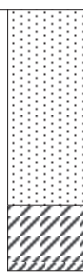

		Project Number: JN1006.320	Date Drilled: 7/30/2013
		Client Name: Citizens Energy Group	Personnel: NS
		Project Name: CS Characterization Invest.	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-49	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: CS	Surface Elevation*: 754.83	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL		100	30/ 16.5		
1						
2	SILTY CLAY	Brown, medium plasticity, medium stiff, damp	100	29.1/ 8.2		Soil sample collected (4-6') at 9:00
3						
4		Light brown, medium to coarse grained, well graded, moist	80	33.4/ 1.2		
5						
6	CLAYEY SAND		80	18.9/ 1.0		
7						
8	SAND	Light brown, medium grained, well graded, wet	40	14/ 2.1		Saturated at (12.5')
9						
10			40	28.3/ 2.3		
11						
12	SANDY GRAVEL	Light brown, coarse grained, well graded, saturated	40	13.1/ 1.9		
13						
14		Large rock pieces	40	6.3/ 0.9		
15						
16	SILTY CLAY	Gray, low plasticity, very stiff, dry	60	1.9/ 0.3		Soil sample collected (18-20') at 9:15
17						
18			60	2.1/ 0.2		
19						
20						End of boring at 20'


		Project Number: JN1006.320	Date Drilled: 7/29/2013
		Client Name: Citizens Energy Group	Personnel: M.O. - ARK
		Project Name: CS Characterization Invest.	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-50	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: CS	Surface Elevation*: 753.12	

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Some sand, damp	50	9.5/ 3.6		Odor (1-3')
1		Orangish-white porous rock				
2				7.2/ 2.3		
3	SANDY CLAY	Black, weak, medium plasticity, soft, moist	60	6.8/ 1.7		
4						
5						
6	SILTY CLAY	Dark gray, medium plasticity, medium stiff, damp, trace gravel	100	3.4/ 1.2		Odor (10-12') Soil sample collected (10-12') at 2:40
7						
8		Gray/brown				
9	CLAYEY SAND	Brown, fine grained, loose, well graded, saturated, trace gravel	60	3.6/ 4.2		Saturated at (12')
10						
11						
12	SAND	Brown/gray, fine grained, loose, well graded, saturated, trace gravel	50	1.6/ 4.2		
13						
14						
15				3.2/ 1.5		
16				1.4/ 0.6		
17				1.9/ 1.1		
18				2.0/ 0.8		
19						
20						


	Project Number: JN1006.320	Date Drilled: 7/29/2013
	Client Name: Citizens Energy Group	Personnel: M.O. - ARK
	Project Name: CS Characterization Invest.	Driller: ARK
	Drilling Method: Geoprobe	Driller License: NA
CSSB-50	Site Address: Indianapolis, IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: CS	Surface Elevation*: 753.12


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
20	 SILTY CLAY		90	5.4/ 0.3		Soil sample collected (23-24') at 2:55 End of boring at 24'
21						
22		Increase in rounded gravel				
23		Gray, low plasticity, stiff, damp, trace gravel		2.8/ 0.1		
24						



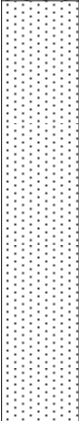



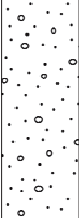
<div></div> <div>CSSB-51</div>		Project Number: JN1006.320		Date Drilled: 8/1/2013		
		Client Name: Citizens Energy Group		Personnel: M.O. - ARK		
		Project Name: CS Characterization Invest.		Driller: ARK		
		Drilling Method: Geoprobe		Driller License: NA		
		Site Address: Indianapolis, IN		GW Sample Method: NA		
		UTM Northing*: NA		UTM Easting*: NA		
		Boring Location: CS		Surface Elevation*: 761.57		
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Some sand and gravel, dry	100	1.4/ 0.2		
1						
2	SILTY CLAY	Brown, medium plasticity, medium stiff, moist, trace sand and gravel	100	1.3/ 0.2		Soil sample collected (10-12') at 9:10
3						
4			100	1.5/ 0.2		
5						
6			100	1.0/ 0.1		
7						
8			100	1.0/ 0.1		
9						
10			100	1.6/ 0.3		
11		Gray				
12		Soft	100	1.0/ 0.2		Wet at (12')
13		Increase in sand, wet				
14		Hard, dry				
15			100	1.0/ 0.2		Soil sample collected (15-17') at 9:20
16						
17			100	1.0/ 0.2		End of boring at 17'

		Project Number: JN1006.320	Date Drilled: 7/31/2013
		Client Name: Citizens Energy Group	Personnel: M.O. - ARK
		Project Name: CS Characterization Invest.	Driller: ARK
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, IN	GW Sample Method: NA
CSSB-52	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: CS	Surface Elevation*: 758.36	


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	COAL	Dry	100	0.3/ 0.2	<div></div> <div>Soil sample collected (8-10') at 2:35</div> <div>Saturated at (10')</div> <div></div> <div>Soil sample collected (18-20') at 2:45</div> <div>End of boring at 20'</div>	
1	SILTY CLAY	Brown, low plasticity, stiff, damp, trace gravel				
2		0.3/ 0.2				
3						
4		Increase plasticity, moist, trace sand	100	0.3/ 0.1		
5						
6		Soft	100	0.7/ 0.4		
7						
8			100	1.0/ 0.5		
9						
10	SANDY SILT	Brown, plastic, soft, saturated	100	0.8/ 0.5		
11						
12	SILTY CLAY	Gray, low plasticity, stiff, dry, trace gravel	100	0.7/ 0.4		
13						
14	SAND	Gray, fine to medium grained, medium dense, well graded, saturated, trace gravel	100	0.6/ 0.4		
15						
16	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel	100	0.5/ 0.3		
17						
18				0.5/ 0.3		
19						
20						

		Project Number: JN1006.320	Date Drilled: 7/31/2013			
		Client Name: Citizens Energy Group	Personnel: M.O. - ARK			
		Project Name: CS Characterization Invest.	Driller: ARK			
		Drilling Method: Geoprobe	Driller License: NA			
		Site Address: Indianapolis, IN	GW Sample Method: NA			
CSSB-53	UTM Northing*: NA	UTM Easting*: NA				
	Boring Location: CS	Surface Elevation*: 759.50				
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	Soil Sample Interval	Comments
0	SAND	Fill material, gray/black, fine grained, loose, poorly graded, damp	70	1.6/ 0.2		Coal fragments
1						
2	SANDY CLAY	Gray, medium plasticity, medium stiff, moist	100	1.4/ 0.2		Soil sample collected (8-10') at 1:25
3		Brown				
4						
5		Increase in sand		1.4/ 0.2		
6		Trace gravel				
7		Soft		1.4/ 0.2		
8	SAND		100			Saturated at (11')
9		Gray, high plasticity, soft		1.6/ 0.3		
10						
11		Gray, medium grained, medium dense, well graded, trace gravel, saturated		1.4/ 0.2		
12	SILTY CLAY		100			Soil sample collected (18-20') at 1:35
13				2.3/ 0.9		
14		Gray, medium plasticity, stiff, damp, trace gravel		2.0/ 0.8		
15						
16	SAND		100			End of boring at 20'
17		Dry		1.2/ 0.3		
18						
19				1.0/ 0.1		
20						

		Project Number: JO0308.380	Date Drilled: 9/22/2014
		Client Name: Citizens Energy Group	Personnel: M.Cooper
		Project Name: Prospect - Oxide Box	Driller: EFS
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, Indiana	GW Sample Method: NA
CSSB-54	UTM Northing*: 1642551.68	UTM Easting*: 203301.93	
	Boring Location: NA	Surface Elevation*: 754.31	

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0		Crushed	100	1.3/ NA			Fill material (0-10')
1				Some black wood chips in coal			
2				59/ NA			
3		SILTY CLAY		Dark gray, medium plasticity, stiff, damp			
4		Light gray, coarse grained, loose, poorly graded, damp	75	11/ NA			Soil sample CSSB-54 (0-10') collected at 1500
5							
6							
7		SAND					
8		Dark gray, fine grained, dense, moist		14/ NA			
9		Light gray, coarse grained, loose, damp					
10		Dark gray, medium grained, dense, well graded, saturated	60	26/ NA			Reddish brown product (10-10.5')
11		CLAYEY SAND					Sheen (10-11')
12				46/ NA			Groundwater (10-13')
13		GRAVELLY SAND		Black, coarse grained, loose, well graded, saturated			
14		Gray, fine grained, very dense, poorly graded, damp	80	17/ NA			Reddish brown product (12.5-13')
15		SILTY SAND					Sheen (12.5-14')
16			100	13/ NA			
17							
18		GRAVELLY SAND		Gray, coarse grained, loose, well graded, saturated			
19							
20							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number: JO0308.380	Date Drilled: 9/22/2014
	Client Name: Citizens Energy Group	Personnel: M.Cooper
	Project Name: Prospect - Oxide Box	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, Indiana	GW Sample Method: NA
CSSB-54	UTM Northing*: 1642551.68	UTM Easting*: 203301.93
	Boring Location: NA	Surface Elevation*: 754.31

CSSB-54

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
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Soil Type

Lithology Description


% Recovery

PID/FID (ppm)

GW Sample Interval

Soil Sample Interval

Comments

20						
21		SILTY CLAY	Gray, low plasticity, hard, dry, trace gravel	100	5.8/ NA	End of boring at 24'
22						
23					2.2/ NA	
24						

SILTY CLAY

Gray, low plasticity, hard, dry, trace gravel


100

5.8/ NA


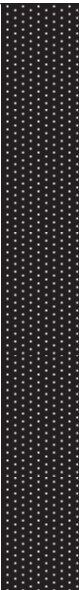

2.2/ NA

End of boring at 24'


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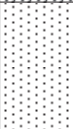
<div></div> <div>CSSB-55</div>		Project Number: JO0308.380	Date Drilled: 9/22/2014				
		Client Name: Citizens Energy Group	Personnel: M.Cooper				
		Project Name: Prospect - Oxide Box	Driller: EFS				
		Drilling Method: Geoprobe	Driller License: NA				
		Site Address: Indianapolis, Indiana	GW Sample Method: NA				
		UTM Northing*: 1642556.58	UTM Easting*: 203523.09				
		Boring Location: NA	Surface Elevation*: 755.88				
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
	COAL	Crushed	75	1.0/ NA			Fill material (0-8')
				1.1/ NA			
		Some sand and clay					
		Blue					
	CLAY	Crushed, some sand and clay	20	8.2/ NA			Soil sample CSSB-55 (0-8') collected at 1540
				12/ NA			
	COAL						
	CLAY	Black, medium plasticity, medium stiff, damp	100	9.9/ NA			Groundwater (10-11')
	SAND	Black, fine grained, dense, poorly graded, saturated		9.1/ NA			
SILTY SAND	Fine grained, dense, poorly graded, damp						
						End of boring at 12'	

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

		Project Number: JO0308.380		Date Drilled: 9/22/2014					
		Client Name: Citizens Energy Group		Personnel: M.Cooper					
		Project Name: Prospect - Oxide Box		Driller: EFS					
		Drilling Method: Geoprobe		Driller License: NA					
		Site Address: Indianapolis, Indiana		GW Sample Method: NA					
CSSB-56		UTM Northing*: 1642606.15		UTM Easting*: 203616.37					
		Boring Location: NA		Surface Elevation*: 757.86					
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments		
0		Crushed	100	57/ NA			Fill material (0-9')		
1				9.0/ NA					
2		COAL	Some sand and gravel	100			9.0/ NA		Soil sample CSSB-56 (0-9') collected at 1622
3							6.2/ NA		
4	SILTY SAND	Saturated	75	7.2/ NA			Groundwater (8.5-9')		
5		Gray, fine grained, dense, poorly graded, damp		8.4/ NA					
6									
7									
8									
9									
10									
11									
12							End of boring at 12'		

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number:	JO0308.380	Date Drilled:	9/22/2014			
	Client Name:	Citizens Energy Group	Personnel:	M.Cooper			
	Project Name:	Prospect - Oxide Box	Driller:	EFS			
	Drilling Method:	Geoprobe	Driller License:	NA			
	Site Address:	Indianapolis, Indiana	GW Sample Method:	NA			
CSSB-57	UTM Northing*:	1642591.77	UTM Easting*:	203724.71			
	Boring Location:	NA	Surface Elevation*:	757.38			
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments

0		COAL	Crushed with sand and gravel	90	0.1/ NA		Fill material (0-8.25')
1							
2							
3			Some clay	5.9/ NA			
4			Crushed with sand and gravel				
5			Some clay	5.3/ NA			
6			90				
7	Crushed with sand and gravel	7.4/ NA					
8							
9		SANDY CLAY	Dark gray, medium plasticity, soft, moist	90	3.5/ NA		Soil sample CSSB-57 (0-8') collected at 1635
10							
11		SAND	Dark gray, fine grained, dense, poorly graded, saturated		1.1/ NA		
12							

End of boring at 12'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JR0576.359	Date Drilled: 5/9/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
UTM Northing*: 1642015.98	UTM Easting*: 203034.82
Boring Location: CSSB-75/CSMW-30	Surface Elevation*: 754.52

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	COAL	Black, medium grained, loose, well graded, damp	80	0.0/ 0.0			
1				0.0/ 0.0			
2	SILTY CLAY	Brown-gray, high plasticity, very stiff, damp	60	0.0/ 0.0			Well screen set at (6-16')
3				0.0/ 0.0			
4		Soft, moist		0.0/ 0.0			
5			60	0.0/ 0.0			
6				0.0/ 0.0			
7				0.0/ 0.0			
8	GRAVELLY SAND		80	0.0/ 0.0			
9		Light brown, coarse grained, medium dense, well graded, moist		0.0/ 0.0			
10				0.0/ 0.0			
11		Saturated		0.0/ 0.0			
12	SILTY CLAY	Gray, medium plasticity, hard, damp	100	0.0/ 0.0			Switched to macro core (16-20')
13				0.0/ 0.0			
14		Low plasticity		0.0/ 0.0			
15				0.0/ 0.0			
16							
17							
18							
19							
20							End of boring at 20'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JR0576.359	Date Drilled: 5/8/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
UTM Northing*: 1642677.44	UTM Easting*: 203930.10
Boring Location: CSSB-76/CSMW-31	Surface Elevation*: 756.19

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	COAL	Black, medium grained, loose, well graded, damp					
1		(Gravelly sand), brown, medium grained, loose, well graded, damp		0.2/ 0.2			Rock fragments at 1'
2			50				Coke fragments at 2'
3				0.4/ 0.4			
4	FILL MATERIAL						
5		Wet		1.0/ 0.4			Well screen set at (5-15')
6			50				Brick fragments at 6'
7		Dark brown, medium grained, loose, well graded, damp		0.8/ 1.7			
8							
9	SILTY CLAY	Low plasticity, medium dense, stiff, damp		0.8/ 0.8			
10			50				
11		Orange, soft, wet		0.8/ 1.8			
12							
13	GRAVELLY SAND	Brown, coarse grained, loose, well graded, saturated		0.9/ 0.2			
14			80				
15	SILTY CLAY	Gray, low plasticity, hard, damp		0.4/ 0.1			
16							End of boring at 16'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JR0576.359	Date Drilled: 5/9/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
UTM Northing*: 1642259.28	UTM Easting*: 203013.25
Boring Location: CSSB-77	Surface Elevation*: 755.21

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	COAL	Black, medium grained, loose, well graded, damp	40	0.2/ 0.0			
1				0.2/ 0.0			
2				0.2/ 0.0			
3	SANDY CLAY	Light brown/orange, medium plasticity, stiff, damp	95	0.3/ 0.0			Soil sample CSSB-77 (6-8') collected
4				0.4/ 0.0			
5			100	0.3/ 0.0			
6				0.2/ 0.0			
7		Increasing sand		0.4/ 0.0			
8				0.3/ 0.0			
9	SILTY SAND	Light brown, medium grained, dense, poorly graded, wet	100	0.4/ 0.0			Switched to macro core (14-44')
10		Saturated		0.2/ 0.0			
11		Loose		0.4/ 0.0			
12			100	0.5/ 0.0			
13				0.4/ 0.0			
14		Fine grained		0.4/ 0.0			


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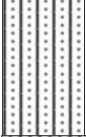
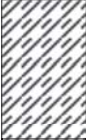


Project Number: JR0576.359	Date Drilled: 5/9/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
UTM Northing*: 1642259.28	UTM Easting*: 203013.25
Boring Location: CSSB-77	Surface Elevation*: 755.21

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	GRAVELLY SAND	Medium grained, loose, well graded	100	0.2/ 0.0			
21				0.3/ 0.0			
22		Light brown, medium grained, medium dense, damp		0.3/ 0.0			
23	SILTY SAND		70	0.3/ 0.0			
24				0.4/ 0.0			
25			60	0.2/ 0.0			
26		Increasing gravel, decreasing silt		0.2/ 0.0			
27				1.0/ 0.0			
28		Increasing silt, no gravel		0.7/ 0.0			
29			100	2.3/ 0.0			
30		Moist		0.5/ 0.0			
31				1.3/ 0.0			
32							
33							Continued boring on 5-10-2017

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number: JR0576.359	Date Drilled: 5/9/2017
	Client Name: Citizens Energy Group	Personnel: D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: 1642259.28	UTM Easting*: 203013.25
CSSB-77	Boring Location: CSSB-77	Surface Elevation*: 755.21

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
40	 SILTY SAND		NA	1.0/ 0.0			Soil sample CSSB-77 (42-44') collected
41							
42	 SILTY CLAY	Gray, low plasticity, stiff, damp	NA	0.8/ 0.0			End of boring at 44'
43							
44							


* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



CSSB-78	Project Number: JR0576.359	Date Drilled: 5/10/2017
	Client Name: Citizens Energy Group	Personnel: D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: 1642216.37	UTM Easting*: 202880.28
	Boring Location: CSSB-78	Surface Elevation*: 754.58


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	COAL	Black, medium grained, loose, well graded, damp	60	0.6/ 0.0			Rock fragments at 2'
1	GRAVELLY SAND	Light brown, medium grained, loose, well graded, damp		0.4/ 60.8			
2				60.9/ 64.5			
3	SILTY CLAY	Gray, high plasticity, medium stiff, moist	90	36.1/ 36.7			Soil sample CSSB-78 (4-6') collected Odor at 5'
4				6.4/ 43.6			
5			85	2.7/ 103			Odor at 7'
6				19.9/ 39.9			
7				9.3/ 60.0			
8			95	3.7/ 20.2			Odor at 13'
9				1.7/ 91.0			
10			55				
11							
12	GRAVELLY SAND	Gray, medium to coarse grained, loose, well graded, saturated					
13							
14		Increasing sand content					
15							
16							
17							
18							
19							
20							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number: JR0576.359	Date Drilled: 5/10/2017
	Client Name: Citizens Energy Group	Personnel: D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
CSSB-78	UTM Northing*: 1642216.37	UTM Easting*: 202880.28
	Boring Location: CSSB-78	Surface Elevation*: 754.58


Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	GRAVELLY SAND		90	1.6/ 30.5			Switched to macro core (20-28')
21				1.3/ 40.2			
22			50	0.8/ 20.0			
23				0.8/ 0.0			
24	SILTY CLAY	Gray, low plasticity, hard, damp	50	0.8/ 0.0			Soil sample CSSB-78 (26-28') collected
25							
26							
27							
28							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number: JR0576.359	Date Drilled: 5/9/2017
	Client Name: Citizens Energy Group	Personnel: D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: 1642178.74	UTM Easting*: 202931.71
CSSB-79	Boring Location: CSSB-79	Surface Elevation*: 754.96

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments		
0	COAL	Black, medium grained, loose, well graded, damp	80	0.3/ 0.0					
1				0.2/ 108					
2									
3	CLAYEY SILT	Black, low plasticity, soft, moist	60	0.7/ 36.5			Soil sample CSSB-79 (8-10') collected		
4				0.7/ 32.5					
5	SILTY CLAY	Dark gray, high plasticity, stiff, moist	50	3.3/ 0.0					
6				Light brown				0.4/ 0.0	
7				Moist					
8			60	0.5/ 0.4				Soil sample CSSB-79 (12-14') collected	
9				19.2/ 6.7					
10		Increasing sand							
11	SILTY SAND	Gray-orange, coarse grained, loose, well graded, moist	90	0.6/ 2.5					
12				Saturated				1.0/ 0.0	
13									
14									
15									
16									
17									
18									
19									
20									

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number: JR0576.359	Date Drilled: 5/9/2017
	Client Name: Citizens Energy Group	Personnel: D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube/Macro Core	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
CSSB-79	UTM Northing*: 1642178.74	UTM Easting*: 202931.71
	Boring Location: CSSB-79	Surface Elevation*: 754.96

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	SILTY SAND		90	1.1/ 0.3			Switched to macro core (20-28')
21				0.2/ 0.1			
22			60	0.8/ 0.1			Soil sample CSSB-79 (26-28') collected
23				0.6/ 0.0			
24	SILTY CLAY	Gray, low plasticity, hard, damp	60	0.6/ 0.0			End of boring at 28'
25							
26							
27							
28							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-1
Date Drilled: 10/27/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: NW of No. 3 Lead Holder
0		Topsoil				
0		Sandy Silt Light gray, soft, dry	0-2*		15.64	
2		Clay Brown, low plasticity, very stiff, damp, black mottling	2-4	75	16.24	Soil sample collected (0" - 6") at 12:25 for laboratory analysis
4		Clayey Silt Brown, medium stiff, dry, 10% gravel	4-6		19.79	
6		Sand Brown, fine grained, loose, poorly graded, moist	6-8	80	17.61	
8		Clayey Sand Brown, fine grained, loose, poorly graded, moist	8-10*		20.94	Soil sample collected (8' - 10') at 13:34 for laboratory analysis
10		Silty Clay Brown, stiff, damp	10-12		17.42	
12		Sand Brown, fine grained, loose, poorly graded, moist	12-14*	90	17.88	
14		Clayey Sand Brown, fine grained, loose, poorly graded, moist	14-16		14.78	Groundwater at 15'
16		Sandy Gravel Brown, coarse grained, dense, well graded, moist	16-18	100	7.00	
18		Clayey Sand Brown, coarse grained, loose, poorly graded, saturated	18-20		18.42	
20		Silty Clay Brown, stiff, wet				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-1
Date Drilled: 10/27/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
		Gray, hard, dry at 19'				
		End of Boring				
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-2
Date Drilled: 10/27/2010
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: 150' South of #3 Gas holder
		Coke Black, fine grained, loose, dry	0-2	50	0.67	
2						Trace coke
		Silty Clay Brown, medium plasticity, medium stiff, damp, 5% gravel	2-4		0.88	
4			4-6	100	0.97	Soil sample collected (8' - 10') at 14:50 for laboratory analysis
		Sandy Clay Light brown, medium plasticity, medium stiff, damp, 15% gravel	6-8		1.13	
6			8-10*		2.55	
8		Gray, decreasing sand and gravel	10-12		1.30	
10			12-14*	100	0.84	Soil sample collected (12' - 14') at 14:55 for laboratory analysis
12			14-16		3.75	
14		Increasing gravel, 10% Reddish brown	16-18		1.87	Groundwater at 15.5'
16		Sandy Gravel Brown, fine grained, loose, well graded, subangular, saturated	18-20	100	0.54	
18		Silty Clay Gray, medium plasticity, medium stiff, damp				
20						

FID = flame ionization detector

ft bg = feet below grade

ND = not detected








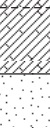



-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-3
Date Drilled: 10/28/2010
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: 10' South of West Gate
0		Topsoil	0-2	50	2.12	Odor (2' - 4')
2		Fill (Silty Sand) Black/Tan, medium grained, poorly graded, dry	2-4		.76	
4		Fill (Silty Clay) Black, medium plasticity, damp	4-6	50	1.12	
6		Silty Clay Brown, medium stiff, dry	6-8		.52	Soil sample collected (8' - 10') at 9:55 for laboratory analysis
8		Clayey Sand Brown, fine grained, medium dense, poorly graded, damp	8-10*		4.12	
10		Moist Increasing gravel	10-12	85	.48	Soil sample collected (12' - 14') at 10:00 for laboratory analysis
12		Silty Clay Brown, medium plasticity, medium stiff, moist, orange mottling	12-14*		3.87	
14		Clayey Sand Brown, fine grained, medium dense, poorly graded, moist	14-16	100	12.85	Groundwater at 15'
16		Sand Brown, coarse grained, medium dense, damp	16-18		11.62	
18		Sandy Gravel Brown, fine grained, loose, well graded, subangular, saturated	18-20		12.98	
20		Decreasing gravel				

FID = flame ionization detector
ft bg = feet below grade
ND = not detected

-- = no headspace analysis
ppm = parts per million
* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-3
Date Drilled: 10/28/2010
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
22		Sand Brown, coarse grained, loose, medium dense, wet End of Boring				
24						
26						
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-4
Date Drilled: 10/27/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: SE of Filter Press
0		Topsoil				Soil sample collected (0" - 6") at 11:05 for laboratory analysis
0-2*		Fill (Clayey Sand) Black, coarse grained, medium dense, well graded, damp, 5% gravel	0-2*	60	25.76	
2-4		Fill (Sand) Black, coarse grained, loose, poorly graded, damp, 5% gravel	2-4	60	69.75	
4-6*		Increasing Clay Fill (Sandy Clay) Brown and black, medium stiff, damp	4-6*	70	169	Soil sample collected (4' - 6') at 11:15 for laboratory analysis
6-8*		Fill (Sand) Black and brown, coarse grained, dense, poorly graded, moist, 5% gravel	6-8*	70	12.71	Soil sample collected (6' - 8') at 11:25 for laboratory analysis
8-10*		Clay Brown, medium stiff, moist, 5% gravel	8-10*	70	261	Soil sample collected (8' - 10') at 11:38 for laboratory analysis
10-12		Sand Brown, coarse grained, loose, well graded, saturated, 10% gravel	10-12	70	83.61	Groundwater at 10'
12-14		Clayey Sand Gray, coarse grained, loose, well graded, saturated	12-14	70	38.45	
14-16		Sandy Clay Gray, soft, saturated	14-16	100	31.68	
16-18		Sandy Gravel Gray, coarse grained, loose, well graded, saturated	16-18	100	32.12	
18-20*		Increasing gravel Brown, fine grained, loose, well graded, wet, 60% gravel	18-20*	100	23.02	Sample collected (18' - 20') at 11:33 for laboratory analysis
18-20*		Sandy Clay Gray, soft, wet	18-20*	100	23.02	
18-20*		Sandy Gravel Gray, coarse grained, loose, well graded, wet	18-20*	100	23.02	
20						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-4
Date Drilled: 10/27/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
		Gravelly Sand				
22		Silty Clay Gray, very stiff, damp, red mottling, 10% gravel				
		End of Boring				
24						
26						
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis

Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-5
Date Drilled: 10/27/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: South of former drum storage area
0		Asphalt				
0		Fill (Gravel)	0-2		5.91	
2		Silty Sand Light gray, medium grained, loose, well graded, angular, dry, 25% gravel	2-4	60	9.37	Soil sample collected (6' - 8') at 9:00 for laboratory analysis
4		Clayey Sand Brown, fine grained, loose, poorly graded, moist, 20% gravel	4-6		14.63	
6		Sandy Silt Light brown, soft, moist, 5% gravel	6-8*	40	105	
8		Clayey Sand Black, medium grained, loose, well graded, moist	8-10		61.34	
10		Clay Brown/black/green, medium stiff, moist, 10% gravel	10-12		37.04	
12		Sandy Clay Black, 20% gravel	12-14	80	12.41	Groundwater at 10.5'
14		Clayey Sand Black, medium grained, loose, well graded, saturated, 20% gravel	14-16		75.92	
16		Sand Gray, medium grained, loose, poorly graded, saturated, 5% gravel	16-18	80	33.44	
18		Clayey Sand Light brown, wet	18-20*		13.94	Sample collected (18' - 20') at 9:24 for laboratory analysis
20		Sandy Clay Brown/gray, medium stiff, wet, 12% gravel				
		Gravelly Sand Brown, coarse grained, loose, well graded, saturated				
		Sand				
		Clayey Sand Brown, fine grained, medium dense, poorly graded, wet, 3% gravel				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-5
Date Drilled: 10/27/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
		Silty Clay Gray, very stiff, damp, 10% gravel End of Boring				
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-6
Date Drilled: 10/27/2010
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: 400' NE of South gate along access road
		Concrete				
		Fill	0-2		2.33	
2		Coke Loose, dry		50		
		Damp	2-4		.25	
4		Fill (Silty Clay) Brown, medium plasticity, medium stiff, damp, brownish red mottling	4-6		.51	
6		Green mottling				
		Fill (Clayey Sand) Grayish brown, fine grained, loose, poorly graded, damp	6-8	85	1.74	
8		Increasing gravel Tan/white	8-10		2.71	
10			10-12*		2.91	Soil sample collected (10' - 12') at 09:55 for laboratory analysis
12		Green/brown mottling				
		Coke	12-14	90	15.88	Odor (13' - 15') Groundwater at 13.5'
14		Concrete				
		Gravelly Sand Brownish gray, coarse grained, loose, poorly graded, saturated	14-16		8.41	Odor at 15'
16		Black				
		Silty Clay Gray, high plasticity, stiff, damp	16-18	100	4.55	
18			18-20*		7.07	Soil sample collected (18' - 20') at 10:30 for laboratory analysis
20						
		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-7
Date Drilled: 10/26/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: East of cooling tower along access road
		Coke and Coal ~2"				
		Fill (Clay) Dark brown, medium stiff, moist	0-2*		287	Soil sample collected (0" - 6") at 12:42 for laboratory analysis
2		Fill (Clayey Silt) Dark brown, soft, damp		60		Coal fragments (2' - 4')
		Fill (Sandy Clay) Moist	2-4		146	
4		Fill (Sand) Fine grained, loose, poorly graded, moist, 12% gravel				Soil sample collected (4' - 6') at 14:30 for laboratory analysis
		Clayey Sand	4-6*		840	
6		Sand Black, fine grained		65		
		Clay Black, soft, moist	6-8		288	
8		Sandy Clay Very soft				Soil sample collected (8' - 10') at 14:40 for laboratory analysis
		Gravelly Sand Brown/gray, fine grained, medium dense, poorly graded, moist	8-10*		199	Product yellow-green (10' - 16')
10		Sandy Clay Black, very soft, moist				Groundwater at 10.5'
		Clayey Sand Black, medium grained, loose, well graded, saturated	10-12		907	
12		Gravelly Sand Black, medium dense, well graded, saturated		85		
		Sand Light gray, fine grained, loose, poorly graded, saturated	12-14		706	
14			14-16		521	
16				90		
			16-18		420	
18		Brown				
		Silty Clay Gray, very stiff, damp, 12% gravel	18-20*		77.10	Soil sample collected (19' - 20') at 14:49 for laboratory analysis
20		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-8
Date Drilled: 10/28/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: 100' east of north gate
0		Fill (Gravel) Light gray	0-2	50	22.01	
2		Gravelly Sand Black/brown, coarse grained, loose, well graded, dry	2-4		31.35	
4		Sand Brown, coarse grained, loose, well graded, damp	4-6		72.23	
6		Gravel Gray, coarse grained, loose, well graded, angular, wet	6-8	60	105	Soil sample collected (8' - 10') at 10:02 for laboratory analysis
8		Gravelly Sand Brown, coarse grained, loose, well graded, wet	8-10*		780	
10		Clay Gray, medium plasticity, soft, wet	10-12		461	
12		Sand Gray, coarse grained, loose, well graded, wet Damp Brown	12-14	75	560	
14		Gravel Gray, coarse grained, loose, well graded, angular, wet	14-16		541	Groundwater at 14.5'
16		Clay Gray, medium plasticity, soft, moist Increasing sand	16-18		318	
18		Sandy Clay Dark gray, 20% gravel	18-20*	100	42.49	Sample collected (18' - 20') at 10:10 for laboratory analysis
20		Sandy Gravel Coarse grained, loose, well graded, subangular, saturated				
		Clayey Sand Light brown, coarse grained, loose, well graded, saturated, 10% gravel				

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-8
Date Drilled: 10/28/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS











Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
22		Gravel Gray, coarse grained, loose, well graded, angular, wet				
		Sand Gray, coarse grained, medium dense, well graded, saturated, 20% gravel				
24		Silty Clay Gray, hard, wet, 10% gravel				
		Brown				
26		Sand Brown, fine grained, medium dense, poorly graded, wet				
		End of Boring				
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis

Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-9
Date Drilled: 10/28/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: SE of No. 3 gas holder control shed
0		Coke and coal				
0		Silty Clay Reddish-brown, very stiff, damp, 5% gravel	0-2		0.72	
2			2-4	60	0.81	Soil sample collected (6' - 8') at 14:28 for laboratory analysis
4		Medium stiff				
4		Sandy Clay Reddish brown, medium stiff, damp, 5% gravel	4-6		1.18	
6		Clay Reddish brown, medium stiff, damp, 5% gravel	6-8*	70	2.12	
8		Silty Clay Reddish brown, medium stiff, damp, 5% gravel	8-10		0.52	
10		Sandy Clay Reddish brown, medium stiff, damp				
10		Clayey Sand Brown, fine grained, medium dense, poorly graded, damp	10-12		0.79	Soil sample collected (16' - 18') at 15:00 for laboratory analysis
12		Silty Clay Brown, medium stiff, damp	12-14	100	0.63	
14		Sand Brown, fine grained, medium dense, poorly graded, damp	14-16		0.49	
16		Moist				
16		Hard, dry	16-18*	100	0.45	
18		Silty Clay Brown, medium stiff, damp	18-20		0.36	
20		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-10
Date Drilled: 10/29/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: SE of No. 3 Gas holder
		Coke and Coal				
2		Fill (Gravelly Sand) Gray, coarse grained, loose, well graded, dry	0-2	70	524	Odor (2' - 12')
		Decreasing grain size	2-4		225	
4		Clayey Sand Black, coarse grained, medium dense, well graded, damp	4-6*	100	4,972	Soil sample collected (4' - 6') at 10:33 for laboratory analysis
6		Sandy Clay Light gray, soft, wet Dark gray, medium stiff, damp Light brown/gray, 10% gravel	6-8		1,012	
8		Gray, moist	8-10		560	
10		Light gray	10-12		429	
12		Brown, stiff, dry	12-14	80	25.52	Groundwater at 6'
		Reddish brown	14-16		15.32	
14		Dark gray	16-18*	70	12.02	
16		Increasing sand	18-20		33.45	
20		Clayey Sand Gray, coarse grained, dense, well graded, moist				Soil sample collected (16' - 18') at 10:41 for laboratory analysis

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-10
Date Drilled: 10/29/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
22		Sandy Clay Gray, stiff, damp	20-22	100	15.84	
24			22-24		9.54	
24			24-25	100	7.32	
26		End of Boring				
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-11
Date Drilled: 10/28/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: West end filter press
0		Topsoil				
2		Sand Black, coarse grained, loose, well graded, dry, 5% gravel	0-2*	50	9.76	Soil sample collected (0" - 6") at 11:50 for laboratory analysis
4		Clay Brown and gray, medium stiff, moist, 20% gravel	2-4		4.70	
6			4-6		4.72	
8		Sand Black, coarse grained, loose, well graded, damp Medium dense, moist	6-8	70	11.84	Odor (8' - 10')
10		Clayey Sand Dark gray, wet Brown, fine grained	8-10*		61.73	Soil sample collected (8' - 10') at 12:35 for laboratory analysis
12		Clay Dark brown, medium stiff, damp, 5% gravel Brown/black	10-12*		17.83	Soil sample collected (10' - 12') at 12:45 for laboratory analysis
14		Sandy Clay Soft, moist, 8% gravel	12-14	40	6.77	
16		Clay Brown, stiff, damp, 5% gravel				Groundwater at 14'
18		Sand Gray, coarse grained, loose, well graded, saturated, 25% gravel Brown, fine grained	14-16		15.77	
20		Gravelly Sand Brown, coarse grained, medium dense, well graded, saturated Fine grained, poorly graded, saturated	16-18	100	4.87	
		Sandy Clay Brown, stiff, wet	18-20		10.73	

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-11
Date Drilled: 10/28/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
22		Sand Gray, medium grained, medium dense, well graded, wet Brown, fine grained, poorly graded, 15% gravel End of Boring				
24						
26						
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-12
Date Drilled: 10/29/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: 150' North of GSMW-10
		Coke and Coal	0-2		0.96	Soil sample collected (2' - 4') at 13:18 for laboratory analysis
2		Sand Brown, fine grained, loose, poorly graded, dry, 20% gravel	2-4*	30	1.80	
4			4-6		1.47	
6		Clay Dark gray, high plasticity, medium stiff, damp	6-8	100	0.70	Soil sample collected (10' - 12') at 13:32 for laboratory analysis
8		Brown and gray	8-10		0.52	
10		Wet	10-12*		4.79	
12		Clayey Sand Gray, coarse grained, loose, well graded, saturated	12-14	90	22.29	Groundwater at 12'
14		Sand Brown, coarse grained, loose, well graded, saturated	14-16		12.42	Brown sheen and odor (12' - 14')
16		Clayey Sand Gray, coarse grained, dense, well graded, moist Medium grained, loose	16-18	100	9.24	
18			18-20		7.02	
20		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-13
Date Drilled: 10/29/2010
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: 50' NW of GSMW-10
		Asphalt				
		Coke Loose, dry	0-2	50	0.77	
2			2-4		0.77	
4			4-6		333	
6		Fill (Clay) Black, high plasticity, soft, moist	6-8*	70	1,691	Odor (6' - 11.5')
8			8-10		1,265	Soil sample collected (6' - 8') at 13:30 for laboratory analysis
10		Fill (Silty Clay) Soft, coke and brick fragments	10-12*		651	Coal tar present (6' - 9.5')
12		Sand Brown, fine grained, medium dense, poorly graded, moist Medium grained Coarse grained, wet Fine grained	12-14	100	264	Soil sample collected (10' - 12') at 13:35 for laboratory analysis
14		Gravelly Sand Brown, medium dense, poorly graded, subangular, saturated	14-16		10.39	Groundwater at 13'
16		Silty Clay Brown, medium plasticity, medium stiff, damp, 5% gravel	16-18		17.42	
18		Sand Brown, fine grained, dense, poorly graded, wet	18-20*	100	2.93	Soil sample collected (18' - 20') at 13:40 for laboratory analysis
20						

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-13
Date Drilled: 10/29/2010
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
22		Silty Clay Gray, high plasticity, stiff, damp	20-22	100	--	
		End of Boring				
24						
26						
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-14
Date Drilled: 10/29/2010
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: 30' NE of GSMW-10
0		Concrete				
0		Coke Fine grained, loose, dry	0-2		1.84	
2			2-4	60	2.52	
4			4-6		3.28	
6		Clay, damp	6-8	70	0.42	
8		Silty Clay Brown, medium plasticity, medium stiff, damp, brown mottling	8-10		0.84	
10		5% gravel	10-12		1.07	
12		Sandy Clay High plasticity, soft, moist	12-14*	100	1.56	Soil sample collected (12' - 14') at 10:10 for laboratory analysis
14		Gravelly Sand Brown, medium dense, poorly graded, wet	14-16		1.85	
16		Clayey Silt Brown, low plasticity, medium stiff, dry, 5% gravel	16-18	100	0.31	Groundwater at 15'
18		Sandy Gravel Brown, fine grained, loose, well graded, subangular, saturated	18-20*		0.48	
20		Clay Gray, high plasticity, stiff, damp, 5% gravel				Soil sample collected (18' - 20') at 10:15 for laboratory analysis
20		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-15
Date Drilled: 10/28/2010
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: SE corner of PCB transformer building
		Gravel	0-2		0.68	
2		Coke Black, medium grained, poorly graded, dry	2-4	70	11.72	
4		Brick Orange	4-6*		194	Soil sample collected (4' - 6') at 12:00 for laboratory analysis
6		Coke Black, fine grained				Odor (6' - 10')
		Fill (Clay) Green, black mottling, medium plasticity, medium stiff, damp	6-8	90	62.4	
8		Increasing sand, brownish green	8-10*		874	Soil sampled collected (8' - 10') at 12:05 for laboratory analysis
10		Fill (Sandy Clay) Grayish green, medium plasticity, soft, moist	10-12		224	Odor (8' - 10')
		Coke Seam				Coke fragments (10' - 11')
12		Fill (Sand) Black, fine grained, poorly graded, wet	12-14	90	135	Groundwater at 11'
14		Gravelly Sand Grayish brown, coarse grained, loose, poorly graded, subangular, saturated	14-16		83.2	
16		Clay Gray, medium plasticity, very stiff, 5% gravel	16-18	100	14.45	
18			18-20*		8.18	Soil sample collected (18' - 20') at 12:10 for laboratory analysis
20		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-19
Date Drilled: 03/17/2011
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: W of GSMW-9
0		Concrete				
0		Coke Black, 10% gravel	0-2		52.74	
2			2-4	40	6.60	
4			4-6		10.72	
6		Fill (Sandy Clay) Brown, high plasticity, soft	6-8*	40	8.17	Soil sample collected (6' - 8') at 14:30 for laboratory analysis
8			8-10*		10.64	Coke fragments (6.5' - 7') Soil sample collected (8' - 10') at 16:15 for laboratory analysis
10		Sand Brown, fine grained, medium dense, poorly graded, damp	10-12*		8.73	Coke fragments (9' - 9.5')
12		Gravelly Sand Brown, medium grained, loose, well graded, saturated	12-14	70	38.54	Groundwater at 10.5'
14			14-16		55.89	
16			16-18	100	63.27	
18		Silty Clay Gray, medium plasticity, stiff, damp, 5% gravel	18-20*		46.75	Soil sample collected (18' - 20') at 14:45 for laboratory analysis
20						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-19
Date Drilled: 03/17/2011
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
22		Sand Brown, fine grained, medium dense, poorly graded, damp End of Boring				
24						
26						
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-20
Date Drilled: 03/17/2011
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: SW of GSMW-4; between rail lines
		Coke				
2		Silty Clay Brown, medium plasticity, medium stiff, damp	0-2	100	0.27	Soil sample collected (4' - 6') at 09:48 for laboratory analysis (GSSBD-7, GSMS/GSMSD-7)
		Decreasing silt, 5% gravel	2-4		1.21	
4		Moist				
		Wet	4-6*		5.12	
6		Clayey Sand Brown, fine grained, medium dense, poorly graded, wet, 10% gravel, Saturated at 6.5'	6-8	100	3.91	
8		Sandy Clay Brown, high plasticity, soft, wet				Perched groundwater at 6.5' - 7'
		20% sand	8-10		17.92	
10		Sand Brown, fine grained, medium dense, poorly graded, wet, 10% gravel Saturated at 10.5' - 12'	10-12		20.54	Groundwater at 10.5' - 12'
12		Clayey Silt Gray, low plasticity, medium stiff, damp	12-14	100	21.92	Groundwater at 15.5' - 16.5'
14		5% gravel, 5% sand	14-16		14.54	
16		Sand Brown, fine grained, medium dense, poorly graded, saturated, 5% gravel Wet at 16.5'	16-18*	100	27.12	
18		Moist at 18' Dense and damp at 19'	18-20		23.40	
20						

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-20
Date Drilled: 03/17/2011
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
22		Silty Clay Gray, low plasticity, medium stiff, damp, 5% gravel End of Boring				
24						
26						
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-21
Date Drilled: 03/16/2011
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: NE of GSMW-7 adjacent to gauging point
		Silty Clay Black, medium plasticity, medium stiff, damp	0-0.5*	90	40.57	Soil sample collected (0" - 6") at 09:40 for laboratory analysis
			0.5-2		309	
2			2-4*		781	
4		Sand Brown, fine grained, medium dense, poorly graded, damp	4-6	35	169	Soil sample collected (2' - 4') at 09:50 for laboratory analysis (GSSBD-9)
6		Gray/brown	6-8		159	
8		Moist	8-10*		212	
10		Black, medium grained, loose, well graded, saturated	10-12	90	867	Groundwater at 10' - 14'
12		10% gravel	12-14		125	Odor (10' - 14')
14		Brown, fine grained, medium dense, poorly graded, 5% gravel	14-16		58.54	Soil sample collected (16' - 18') at 10:10 for laboratory analysis
16		Silty Clay Gray, medium plasticity, medium stiff, damp, 5% gravel	16-18*	50	37.93	
18			18-20		28.94	
20		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-22
Date Drilled: 03/15/2011
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: E of GSMW-8
		Coke	0-2	75	56.12	Coal tar present (3.5' - 5') Refusal at 5'
2		Fill (Silty Clay) Brown, medium plasticity, medium stiff, damp			115	
4		Coke Concrete at 5'	2-4		--	
			4-5			
6						
8						
10						
12						
14						
16						
18						
20		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect - Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-23
Date Drilled: 03/14/2011
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: N of SEMW-1
0		Topsoil	0-0.5*		1.11	Soil sample collected (0" - 6") at 14:00 for laboratory analysis (GSSBD-6)
2		Fill (Silty Clay) Brown, medium plasticity, medium stiff, damp, 10% coal fragments	0.5-2	50	1.42	
2			2-4		2.6	
4		Fill (Sand) Tan, medium grained, loose, poorly graded, damp, coal fragments	4-6		3.7	Soil sample collected (8' - 9.5') at 15:25 for laboratory analysis
6		Silty Sand Brown, fine grained, medium dense, poorly graded, wet, 5% gravel	6-8	35	71.2	
8		Dark gray	8-10*		339	
10		Coarse grained, saturated	10-12		6.19	Perched groundwater at 10' - 10.75'
12		Fine grained, wet	12-14*	75	52.90	Soil sample collected (12' - 14') at 10:15 on 03/16/2011 for laboratory analysis
14		Silty Clay Black, medium plasticity, medium stiff, damp	14-16		1.19	
16		Sandy Clay Black, medium plasticity, soft, moist	16-18	100	3.11	Groundwater at 15' - 16'
18		Clayey Sand Brown, medium grained, medium dense, well graded, saturated, 15% gravel	18-20*		3.70	
20		Moist				Soil sample collected (18' - 20') at 15:45 for laboratory analysis
20		Damp				
20		Sandy Clay Brown/gray, medium plasticity, medium stiff, damp, 10% gravel				Soil sample collected (18' - 20') at 15:45 for laboratory analysis
20		Stiff				
		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-24
Date Drilled: 03/17/2011
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: SE of GSMW-5
		Fill (Gravelly Sand) Black, loose, well graded	0-0.5*	50	9.8	Soil sample collected (0" - 6") at 11:45 for laboratory analysis
			0.5-2		7.86	
2						
		Fill (Sand) Brown, medium grained, loose, poorly graded, damp	2-4	100	8.25	Coke fragments at 2'
4		20% gravel, wet	4-6		116	Coke fragments at 5'
6		Fill (Clay) Black, high plasticity, medium stiff, moist	6-8*		364	Odor (5.5' - 8') Coal tar present (6' - 7.5')
8		Brown/gray, green mottling, damp	8-10	75	215	Soil sample collected (6' - 8') at 12:00 for laboratory analysis (GSSBD-5)
10		Black mottling, damp	10-12*		315	Soil sample collected (10' - 12') at 12:05 for laboratory analysis
12		Gray	12-14		2,274	
		Gravelly Sand Black, medium grained, loose, well graded, saturated	14-16	75	1,009	
14		Fine grained, medium dense	16-18		79.30	Groundwater at 12.5' - 17' Odor (12.5' - 17') Sheen on water from saturated zone
16			18-20*		85.72	
18		Silty Clay Gray, medium plasticity, medium stiff, damp				
20		Dry				Soil sample collected (18' - 20') at 12:15 for laboratory analysis
		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-25
Date Drilled: 03/15/2011
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: SW of GSMW-5
		Fill (Silty Clay) Brown, medium plasticity, stiff, damp, 10% coke fragments	0-0.5*	75	3.0	Soil sample collected (0" - 6") at 12:50 for laboratory analysis
			0.5-2		3.5	
2		50% coke fragments			8.32	
		Green mottling	2-4			
4		Black, fine grained, wet		30	7.61	Odor (3' - 10')
		Saturated	4-6			
6		Fill (Sand) Black, medium grained, loose, metallic color, wet	6-8*	50	80.34	Perched groundwater at 5.5' - 6' Soil sample collected (6' - 8') at 13:15 for laboratory analysis
8		Fine grained				
		Silty Clay Gray, medium plasticity, medium stiff, black mottling, damp	8-10	80	21.41	Groundwater at 15.5' - 17'
10			10-12		12.10	
12		Moist	12-14*		2.10	
14		Sand Brown/gray, fine grained, loose, poorly graded, moist	14-16	80	10.05	Groundwater at 15.5' - 17'
16		Dark red, saturated, 15% gravel			7.10	
		Silty Clay Gray, medium plasticity, medium stiff, damp	16-18			
18			18-20*		7.21	Soil sample collected (18' - 20') at 13:40 for laboratory analysis
20		Low plasticity, stiff, dry				
		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-26
Date Drilled: 03/15/2011
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: N of SEMW-4
0		Fill (Silty Clay) Brown, medium plasticity, stiff, damp	0-2*		3.09	Soil sample collected (0" - 6") at 15:15 for laboratory analysis
2		Fill (Sand) Black, fine grained, loose, well graded, damp	2-4	40	5.67	30% Coke fragments (2' - 6')
4		Medium grained	4-6		7.29	Odor (5' - 10')
6		Coarse grained, medium stiff, saturated				Perched groundwater at 5.5' - 6'
6		Fill (Silty Clay) Black, high plasticity, damp	6-8*	40	2,567	Coal tar present (6' - 7.5')
8		Wet				Soil sample collected (6' - 8') at 15:25 for laboratory analysis
8		Clay Black, high plasticity, medium stiff, wet	8-10		954	
10		Medium plasticity, moist				
10		Stiff, damp				
12		Gravelly Sand Tan, medium grained, loose, well graded, saturated	10-12		266	Groundwater at 10.5' - 12.5'
12		Moist, 20% clay	12-14	85	148	
14		Silty Clay Gray, medium plasticity, medium stiff, damp, 5% gravel	14-16		72.75	
16			16-18*	85	25.56	Soil sample collected (16' - 18') at 15:50 for laboratory analysis
18		Sand Brown, fine grained, loose, poorly graded, wet	18-20		7.16	
20		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-27
Date Drilled: 03/16/2011
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: N of GSMW-5
		Fill (Gravel and Stone)	0-2		15.37	
2		Fill (Coke with Silty Clay)				Odor (2' - 14')
		Trace of sand with coal fragments, wet	2-4	65	313	Coal tar present (3' - 4')
4		Fill (Clay) High plasticity	4-6		820	Coke fragments at 5'
6			6-8	50	92.61	
8		Black, medium stiff, moist	8-10*		2,515	Soil sample collected (8' - 10') at 14:00 for laboratory analysis
10		Saturated	10-12		1,394	Groundwater at 10' - 18.5'
12			12-14	90	1,020	Coal tar present (10' - 12')
14		Gray	14-16		399	
16		Gravelly Sand Brown, medium grained, medium dense, well graded, saturated				
		Fine grained, poorly graded (15'-16')	16-18	100	228	
18		Coarse grained, 15% gravel (16'-18')	18-19		7.16	
		Trace of silt	19-20*		13.13	Soil sample collected (19' - 20') at 14:10 for laboratory analysis
20		Silty Clay Brown, medium plasticity, medium stiff, damp, 10% gravel				
		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-28
Date Drilled: 03/16/2011
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: NW of GSMW-7
		Concrete				
		Fill (Coke with Sandy Gravel) Fine grained, loose, well graded	0-2	30	1,490	Odor (4' - 6.5') Brick (5' - 5.75')
2			2-4		2,624	
4		Fill (Clay) Black, high plasticity, medium soft, wet	4-6	100	925	
6		Fill (Silty Clay) Light brown, medium plasticity, medium stiff, damp	6-8*		1,132	
8		Green mottling Trace of sand	8-10		2,559	Coal (9' - 12')
10		Sandy Gravel Black, fine grained, loose, well graded, saturated	10-12	100	1,388	Groundwater at 9' - 21'
12		Medium dense	12-14		84.26	
14		Sand Brown, medium grained, loose, well graded, saturated	14-16		356	
16			16-18		485	
18		Brown	18-20		46.71	
20						

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-28
Date Drilled: 03/16/2011
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
22		Clay Brown, medium plasticity, medium stiff, damp	20-22	100	46.03	Soil sample collected (24' - 25') at 12:10 for laboratory analysis
24		Stiff, dry	22-24		61.78	
			24-25*		52.60	
26		End of Boring				
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-29/GSMW-17
Date Drilled: 10/25/2010
Personnel: Andrew Herrmann
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: S Corner of property 20' SW of shed
0		Top soil Dark Brown, 30% gravel	0-1	85	2.43	
2		Gravelly Silt Light gray, soft, dry	1-2		10.31	
2		Clayey Silt Dark brown, soft, moist, 25% gravel	2-4		24.34	Coal & coal tar present (2.5' - 15') Odor (2.5' - 23')
4		Clayey Sand Black, fine grained, loose, poorly graded, moist, 20% gravel	4-6	50	61	
6		Sandy Clay Black, soft, moist, 15% gravel	6-8		604	Sheen on soil and odor at 6'
8		Decreasing gravel	8-10*		1,183	
10		Increasing sand, wet	10-12	95	412	Soil sample collected (8' - 10') at 12:37 for laboratory analysis (SESBD-1)
12			12-14		100	
14			14-15		38	
16		Rock	15-16	95	261	Soil sample collected (18' - 20') at 12:00 for laboratory analysis
16		Silty Clay Light gray, hard, damp, 20% gravel	16-18		342	
18			18-20*		156	
20						



FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-29/GSMW-17
Date Drilled: 10/25/2010
Personnel: Andrew Herrmann
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
22		Gravel Gray, fine grained, medium dense, poorly graded, sub-rounded, saturated	20-22	100	305	Groundwater at 20.5' Visible red/green product with odor (20-22') Soil sample collected (24' - 25') at 12:47 for laboratory analysis
24		Clay Brown, very stiff, moist, 2% gravel	22-24		159	
			24-25*		55	
26		End of Boring				
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-30/GSMW-18
Date Drilled: 02/16/2011
Personnel: Matt Hennessy
Boring Location: See Comments Below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: SW of SESB-12
0		Topsoil	0-2		7.81	
2		Fill (Clayey Silt) Brown/black, low plasticity, medium soft, damp	2-4	60	7.93	Coke fragments (4' - 5')
4		2% trace gravel	4-6		134	
6		Silty Clay Black, medium plasticity, medium soft, gray mottling, damp	6-8	90	455	
8			8-10		313	Coal tar present (5.5' - 11') Odor (5.5' - 12.5') Soil sample collected (6' - 8') at 12:00 for laboratory analysis (SESBD-7)
10		Moist	10-12		456	
12		Clayey Silt Brown, low plasticity, medium stiff, orange mottling, damp	12-14	100	258	Soil sample collected (12' - 14') at 14:05 for laboratory analysis
14		Sandy Gravel Brown/gray, fine grained, medium dense, well graded, saturated	14-16		65.71	
16		Silty Clay Gray, medium plasticity, medium stiff, damp	16-18	100	53.72	Groundwater at 14.5' - 15'
18		Brown	18-20		51.52	
20						Soil sample collected (18-20') at 13:45 for laboratory analysis (SEMS/SEMDS-4)

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-30/GSMW-18
Date Drilled: 02/16/2011
Personnel: Matt Hennessy
Boring Location: See Comments Below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
22			20-22	100	45.38	
24			22-24		47.79	
24			24-25		38.40	
26		End of Boring				
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-31/GSMW-19
Date Drilled: 10/26/2010
Personnel: Andrew Herrmann
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: 250' S of W gate along Pleasant Run Soil sample collected (0" - 6") at 9:48 for laboratory analysis Soil sample collected (2' - 4') at 9:51 for laboratory analysis
0		Topsoil	0-1*	40	2.93	
2		Silty Sand Brown, fine grained, loose, poorly graded, 15% gravel, dry	1-2		11.25	
4			2-4*		14.78	
6		25% gravel	4-6	30	9.13	Soil sample collected (8' - 10') at 9:53 for laboratory analysis
8		12% gravel	6-8		8.10	
10		Sandy Clay Brown, low plasticity, stiff, 10% gravel, damp	8-10*		5.82	
12		Increasing silt	10-12	100	7.37	Soil sample collected (16' - 18') at 9:54 for laboratory analysis (SESBD-3) Groundwater at 18'
14		Silty Clay Brown, medium plasticity, medium stiff, 15% gravel, damp				
16		Clay Gray/black, high plasticity, soft, 5% gravel, moist	12-14		10.92	
18		Sandy Clay Dark gray, fine grained, loose, poorly graded, 1% gravel, wet	14-16	100	19.27	
20		Gravelly Sand Gray, fine grained, medium dense, well graded, 30% gravel, wet	16-18*		30.88	
22		Sandy Clay Brown, low plasticity, medium stiff, 20% gravel, moist	18-20		45.32	
24		Sand Dark gray, coarse grained, loose, well graded, saturated				
26		Poorly graded				
28		End of Boring				

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-32
Date Drilled: 10/25/2010
Personnel: Andrew Herrmann
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				
0		Topsoil				Boring Location: 100' SW of W gate along access road Soil sample collected (0" - 6") at 13:12 for laboratory analysis
0-2*		Fill (Silty Sand) Light brown, fine grained, loose, poorly graded, 10% gravel, dry	0-2*	50	9.77	
2-4		Dark brown	2-4		10.56	
4-6		Gray Black	4-6		7.91	
6-8		Fill (Sandy Clay) Brown, stiff, damp, 8% gravel	6-8	8	9.10	Soil sample collected (8' - 10') at 14:24 for laboratory analysis
8-10*		Increasing clay with brick fragments	8-10*		13.24	
10-12		Clayey Sand Red, fine grained, medium dense, poorly graded, wet	10-12	50	33.14	
12-14		Sand Brown, fine grained, loose, poorly graded, saturated	12-14		19.34	Shallow groundwater at 10' - 11' Black and orange angular fragments Groundwater at 15.5' - 18'
14-16		Silty Clay Gray and brown, stiff, 10% gravel, damp	14-16		20.04	
16-18		Sand Brown, fine grained, well graded, 10% gravel, saturated	16-18	50	16.47	
18-20*		Sandy Clay Brown, hard, damp	18-20*		7.41	Groundwater sample collected at 14:27 for laboratory analysis (SEEB-2, SERB-1) Soil sample collected (18' - 20') at 14:17 for laboratory analysis
20		Silty Clay Light gray, soft, 10% gravel, damp				
		Hard				
		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GGSB-33
Date Drilled: 2/14/2011
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				
0		Silty Clay Black with gray mottling, medium plasticity, medium stiff, damp, trace of coke	0-2*	75	18.77	Southwest of SEMW-2 Soil sample collected (0" - 6") at 08:40 for laboratory analysis Soil sample collected (2' - 4') at 08:50 for laboratory analysis Odor (3' - 4')
2		2% gravel Moist	2-4*		37.53	
4		Damp	4-6	90	14.10	Odor (6' - 7')
6		Green and tan	6-8		9.96	
8		Black	8-10*		22.19	
10		End of Boring				Soil sampled collected (8' - 10') at 09:00 for laboratory analysis
12						
14						
16						
18						
20						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0997.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-34
Date Drilled: 2/14/2011
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Northeast of SEMW-2 Soil sample collected (0" - 6") at 09:10 for laboratory analysis Soil sample collected (2' - 4') at 09:25 for laboratory analysis Coal Fragments (3.5' - 4')
0		Topsoil				
2		Sandy Silt Black and brown, low plasticity, soft, damp	0-2*	80	4.69	
2			2-4*		12.36	
4		Silty Sand Tan, orange, and black, loose, poorly graded, dry	4-6	50	25.17	
6		Sand Orange and brown, medium grained, medium dense, poorly graded, damp	6-8		16.45	Soil sample collected (8' - 10') at 09:30 for laboratory analysis
8		Silty Clay Brown, medium plasticity, medium stiff, damp	8-10*		13.45	
10		End of Boring				
12						
14						
16						
18						
20						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JM0131.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-36
Date Drilled: 1/31/2012
Personnel: Matt Hennessy
Boring Location: See Comments Below
Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					North of Building
		Gravel/Fill					
		Fill (Sand) Brown, medium grained, loose, poorly graded, damp	0-2	60	0.62	10.10	Soil sample collected (4' - 6') at 09:35 for laboratory analysis Groundwater at 6'
2			2-4		0.42	9.74	
4		Black staining (no odor)	4-6*	30	0.53	399	
6		Brown, coarse grained, trace of gravel, saturated	6-8		0.47	62.85	
8			8-10	15	0.37	673	
10			10-12		0.57	810	
12		Black, trace of wood fragments					
		Sandy Gravel Gray, fine grained, loose, well graded, saturated	12-14	75	0.70	572	
14		Sand Brown, medium grained, loose, poorly graded	14-16		0.69	88.21	
16		Gravel Gray, medium grained, loose, well graded, sub-rounded, saturated	16-18	75	0.74	5.87	
18		Clayey Sand Brown, fine grained, dense, poorly graded, saturated	18-20		0.99	2.71	
		Medium grained					
		Fine grained, wet					
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JM0131.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-36
Date Drilled: 1/31/2012
Personnel: Matt Hennessy
Boring Location: See Comments Below
Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
22		Sandy Clay Brown, medium plasticity, stiff, wet Damp	20-22	80	1.72	2.69	Soil sample collected (22' - 24') at 10:10 for laboratory analysis
24			22-24*		0.48	2.39	
24		End of Boring					
26							
28							
30							
32							
34							
36							
38							
40							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JM0131.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-37
Date Drilled: 1/31/2012
Personnel: Matt Hennessy
Boring Location: See Comments Below
Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					North of Flame Tower and east of GSSB-36
		Fill (Silty Clay) Black with coal, coke and plastic fragments, trace of fine gravel	0-2		127	1.63	
2			2-4	40	162	0.37	Refusal at 4'; moved closer to piping
4		Medium grained, trace of sand, loose					Black sheen (4' - 6')
		Clay Black and green, high plasticity, soft, trace of sand, moist	4-6		145	114	Odor (4' - 12')
6			6-8*	40	266	302	Coal tar present (4' - 8')
8							Refusal at 6.5'; moved closer to piping
			8-10		219	155	Soil sample collected (6' - 8') at 16:40 on 2/2/2012 for laboratory analysis
10		Increasing sand		50			
		Gravelly Sand Light gray, medium grained, medium dense, well graded, saturated	10-12		110	49.75	Groundwater at 11'
12							
		Black	12-14		54.85	17.72	
14		Fine grained, poorly graded, trace of gravel		75			
		Brown and orange, coarse grained, well graded	14-16		75.11	7.11	
16		Gray, medium grained, hard, no gravel					
		Clay Brown and orange, medium plasticity, stiff, trace of sand, damp	16-18*		84.57	4.54	Soil sample collected (16' - 18') at 12:30 for laboratory analysis (MS/MSD)
18		Gray	18-20	75	81.19	4.79	
20							
		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JM0131.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-38
Date Drilled: 1/31/2012
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					West of GSMW-19 near ballard
		Fill (Sand) Brown, coarse grained, loose, well graded, damp	0-2	60	6.74	72.59	Brick, coke, coal, and plastic comprise 20% of fill material (0' - 4')
2			2-4		2.74	45.80	
4		Silty Clay Brown, medium plasticity, medium stiff, moist	4-6	60	36.80	3.74	Soil sample collected (8' - 10') at 15:20 for laboratory analysis (GSSBD)
6			6-8		41.35	6.30	
8		Clayey Sand Gray, fine grained, dense, poorly graded, damp	8-10*	60	33.49	8.17	
10			10-12		35.77	4.37	
12		Sand Brown, coarse grained, loose, poorly graded, wet	12-14	90	35.79	5.50	Groundwater at 11.5'
14		Sandy Gravel Brown, medium grained, loose, well graded, saturated	14-16		36.11	4.10	
16		Clay Gray, medium plasticity, stiff, damp	16-18*	90	25.99	3.17	Soil sample collected (16' - 18') at 16:00 for laboratory analysis
18			18-20		28.24	5.41	
20		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JM0131.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-39
Date Drilled: 03/01/2012
Personnel: Andrew Herrmann
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval (ft bg)	Recovery %	PID (ppm)	Comments
0		Ground Surface				South of GSSB-19
0		Fill (Sand) Black, medium grained, loose, poorly graded, damp	0-2	60	0.13	Coke fragments (0' - 2')
2		Fill (Sandy Clay) Black, medium stiff, moist	2-4		2.21	Coal fragments (3' - 4')
4		Fill (Silty Sand) Black, medium grained, medium dense, poorly graded, damp	4-6*	50	2.89	Soil sample collected (4' - 6') at 09:58 for laboratory analysis (GSSBD-2)
4		Coal				
6		Fill (Sand) Black, medium grained, dense, well graded, damp	6-8	20	0.52	Soil sample collected (8' - 10') at 10:15 for laboratory analysis
6		Coal				
8		Fill (Gravel) Gray, coarse grained, dense, poorly graded, damp	8-10*	100	0.31	Groundwater at 11'
10		Sand Brown, fine grained, loose, poorly graded, wet	10-12		0.69	
12		Silty Clay Brown, medium stiff, wet	12-14	100	0.96	Soil sample collected (14' - 16') at 10:12 for laboratory analysis
14		Sand Yellow, medium grained, dense, well graded, wet	14-16*		0.71	
16		Sandy Clay Brown, soft, wet				Well installed with screen 6' - 16'
16		Sand Brown, fine grained, loose, well graded, saturated				
18		Wet				
18		Sandy Clay Orange, hard, damp				
18		Silty Clay Gray, hard, damp				
20		End of Boring				

PID = photoionizable vapors
 ft bg = feet below grade
 ND = not detected at 0.1 ppm

-- = no headspace analysis
 ppm = parts per million
 * = submitted for laboratory analysis



Project Number: JM1667.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-40
Date Drilled: 11/26/12
Personnel: M.O. - ARK
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: NE of weigh station along creek
		Asphalt/Crushed Stone	0-2	75	8	35	
2		Coke Dry			5	66	
4		Sand Tan, medium grained, loose, poorly graded, 8% gravel,damp	4-6	75	32	90	Soil sample collected (10' - 12') at 16:15 for laboratory analysis
6			6-8		34	95	
8			8-10	75	15	62	
10		Saturated at 12'	10-12*		37	80	
12			12-14	100	62	150	Groundwater at 12' Black staining and odor (12' - 15')
14			14-16		24	110	
16		Silty Clay Gray, medium plasticity, stiff, damp	16-18	100	18	84	Soil sample collected (18' - 20') at 16:30 for laboratory analysis
18			18-20*		8	42	
20		Very stiff					
		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JM1667.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-41
Date Drilled: 11/26/12
Personnel: M.O. - ARK
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: SW of GSSB-6 along creek
		Asphalt/Crushed Stone					
		Coke w/ Gravel Damp	0-2	75	40	36	
2			2-4		50	78	
4			4-6	75	100	68	
6		Trace brick Sandy Clay Brown, medium plasticity, medium stiff, moist	6-8		140	84	
8			8-10*	100	150	78	Soil sample collected (8' - 10') at 14:10 for laboratory analysis
10		Gravelly Sand Brown, coarse grained, loose, well graded, damp	10-12		150	160	Groundwater at 12'
12		Saturated at 12'	12-13	100	160	130	Black staining and odor (12' - 13')
14		Silty Clay Gray, low-plastic, stiff, damp	13-14		120	40	
16			14-16	100	95	30	
18			16-18		60	18	
20		Very stiff at 19'	18-20*	100	42	9	Soil sample collected (18' - 20') at 14:25 for laboratory analysis
							Refusal at 20'

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JM1667.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-42-1
Date Drilled: 11/26/12
Personnel: M.O. - ARK
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: Half the distance between GSSB-100 and GSSB-101 along creek
		Coke Dry	0-2	75	70	130	
2		Fill (Sand and Gravel) Damp, 10% coke fragments	2-4		130	110	
4		Sand Brown, loose, well graded, 5% gravel, damp	4-6	100	135	60	Trace of water at 9.5' Soil sample collected (10' - 12') at 15:25 for laboratory analysis
6			6-8		115	60	
8			8-10*	100	130	70	
10		Medium dense	10-12		160	105	
12		Silty Clay Brown, stiff, 5% gravel, damp Gray, very hard	12-13	100	60	45	
14		Dry	14-16		10	15	
16			16-18	100	12	20	Soil sample collected (18' - 20') at 15:00 for laboratory analysis
18			18-20*		8	14	
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JM1667.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-42-1
Date Drilled: 11/26/12
Personnel: M.O. - ARK
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
			20-21		9	13	Refusal at 21'
22		End of Boring					
24							
26							
28							
30							
32							
34							
36							
38							
40							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JM1667.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-42-2
Date Drilled: 11/26/12
Personnel: M.O. - ARK
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: 5' south of GSSB-42-1 in an attempt to locate water bearing unit
		Coke Dry	0-2		--	--	
2		Fill (Sand and Gravel) Damp, 10% coke fragments	2-4	75	--	--	
4			4-6		--	--	
6		Sand Brown, loose, well graded, 8% gravel, damp	6-8	75	--	--	Trace of moisture at sand/clay contact
8			8-10		--	--	
10		Silty Clay Brown, stiff, 5% gravel, damp	10-12	100	--	--	
12		Gray, very stiff, dry	12-14		--	--	
14		3" sand seam at 13', gray, medium grained, poorly graded, damp	14-16	100	--	--	
16			16-18		--	--	
18			18-20	100	--	--	
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JM1667.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-43
Date Drilled: 11/26/12
Personnel: M.O. - ARK
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					SE of bend in gravel road NE of GSMW-33
		Gravel and Coal Dry	0-2	75	12	100	
2		Coke 5% gravel, damp	2-4		40	260	
4			4-6	75	65	280	Soil sample collected (8' - 10') at 11:20 for laboratory analysis (GSSBD-1)
6		Silty Clay Dark gray, medium plasticity, medium stiff, moist	6-8		90	6,000	
8		Soft, very moist	8-10*	100	112	8,100	
10		Sand Gray, fine grained, loose, poorly graded, wet	10-12		40	315	Groundwater at 10'
12			12-13		60	330	
14		Brown, coarse grained	14-16	100	50	190	
16		Silty Clay Gray, low plasticity, stiff, damp	16-18	100	38	220	Soil sample collected (18' - 20') at 11:35 for laboratory analysis
18			18-20*		25	95	
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JM1667.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-44
Date Drilled: 11/26/12
Personnel: M.O. - ARK
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: North of GSSB-110
		Grass/Topsoil					
		Clayey Sand Brown, medium grained loose, well graded, damp	0-2	75	12	20	Black staining and odor (2' - 4')
2		Gravelly Sand Light brown, medium grained, loose, well graded, damp	2-4		22	100	
4		Sandy Clay Brown, medium plasticity, medium stiff, damp	4-6	75	73	100	
6			6-8		60	140	Soil sample collected (8' - 10') at 09:40 for laboratory analysis
8			8-10*	100	125	140	
10		Gravelly Sand Brown, medium grained, loose, well graded, moist Wet at 11'	10-12		160	150	
12		Silty Clay Brown, medium plasticity, stiff, moist 3" black sand seam at 13.5'	12-13	75	125	105	Odor in black sand seam Groundwater at 14' Odor (14' -19.5')
14		Sandy Gravel Black, coarse grained, loose, saturated	14-16		150	190	
16			16-18	75	190	230	
18			18-20		210	205	
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JM1667.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-44
Date Drilled: 11/26/12
Personnel: M.O. - ARK
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
22		Silty Clay Brown, medium plasticity, stiff, damp	20-22	100	140	45	No odor; black water smeared down sample liner Soil sample collected 22' - 24' at 10:05 for laboratory analysis
24			22-24*		90	5	
24		End of Boring					
26							
28							
30							
32							
34							
36							
38							
40							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0403.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-45
Date Drilled: 03/21/13
Personnel: M.O. - ARK
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: SW of GSSB-50
		Grass/Topsoil					
2		Gravelly Sand Brown, fine grained, medium dense, well graded, 20% gravel, damp	0-2	75	1	1	Odor (8' - 10')
			2-4		1	1	
4			4-6	75	1	1	
6			6-8		1	2	
8		Coarse grained, moist at 6'	8-10*	50	3	15	
10			10-12		2	4	
12		Silty Clay Gray, low plasticity, medium stiff, 10% gravel, moist	12-14	75	1	14	Soil sample collected (8' - 10') at 14:00 for laboratory analysis (GSSBD-1)
14		Hard, moist at 14'	14-16		1	4	
16		Damp at 18'	16-18	75	1	3	
18			18-20*		1	3	
20		End of Boring					Soil sample collected (18' - 20') at 14:10 for laboratory analysis

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0403.320
Client Name: Citizens Energy Group
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-46
Date Drilled: 03/21/13
Personnel: M.O. - ARK
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: NW of transect 18
		Grass/Topsoil					
2		Gravelly Sand Brown, fine grained, medium dense, well graded, 20% gravel, damp	0-2	75	1	2	2" brick at 1.5'
			2-4		1	2	
4			4-6		3	4	
6		Silty Clay Dark gray, medium plasticity, soft, very moist	6-8	50	14	20	Wet at 6' Odor (6' - 12')
8			8-10*		20	23	
10		Clayey Sand Black, fine grained, loose, well graded, 15% gravel, saturated	10-12	50	35	20	Soil sample collected (8' - 10') at 13:00 for laboratory analysis
12			12-14		4	7	
14		Silty Clay Gray, low plasticity, hard, 10% gravel, damp	14-16	100	2	2	Groundwater at 10'
16			16-18		2	2	
18			18-20*	100	2	2	
20							
		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-55
Date Drilled: 05-29-13
Personnel: M.C. - Ark
Boring Location: See comments below
Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: W of GSSB-56
		Coke, Coal, Sand, and Wood Fill Black	0-2		570	1,200	
2			2-4	75	1,100	8,000	Black tar 3' - 4'
4		Silty Clay Brown, medium plasticity, medium stiff, trace of gravel, damp Gray at 5.5'	4-6		230	1,700	
6			6-8*	100	1,300	9,000	Soil sample collected (6' - 8') at 14:20 for laboratory analysis
8			8-10		1,050	8,200	
10		Gravelly Sand Gray, coarse grained, medium dense, saturated	10-12	100	820	7,000	Reddish-brown product (9.5' - 12.5')
12			12-14		260	350	
14			14-16	100	112	52	Soil sample collected (18' - 20') at 14:30 for laboratory analysis
16		Silty Clay Brown, low plasticity, stiff, damp Gray, dry at 16'	16-18		31	7.6	
18			18-20*	100	7.1	3.3	
20		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-56
Date Drilled: 05/29/13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Earth Exploration

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: E of GSSB-55
		Coke Damp	0-2		22	13	
2				50			
		Trace of clay (3' - 4')	2-4		31	20	
4		Moist at 4'					
			4-6		47	32	
6				50			
			6-8		60	52	
8		Wet at 8'					Odor (8' - 16')
		Silty Clay Black, medium plasticity, medium stiff, moist	8-10		136	85	
10				100			Soil sample collected (10' - 12') at 13:40 for laboratory analysis (GSSB-2)
			10-12*		162	93	
12		Gravelly Sand Dark gray, coarse grained, loose, well graded, saturated	12-14		315	112	Reddish-brown product (12' - 15.5') Groundwater at 12'
14				100			
			14-16		260	88	
16		Silty Clay Gray, low plasticity, medium stiff, 3% gravel, damp Dry (16.5' - 20')	16-18		30	8	
18				100			Soil sample collected (18' - 20') at 13:50 for laboratory analysis
			18-20*		7	2	
20		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-57
Date Drilled: 05/29/13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Earth Exploration

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: S of GSSB-51
		Coke Damp, 2" gravel (10" - 12")	0-2		26	8	
2		Fill (Gravelly Sand) Brown, medium grained, loose, well graded, damp	2-4	50	12	3	
4		3" coke seam overlying silty clay	4-6*		7	2	Soil sample collected (4' - 6') at 15:50 for laboratory analysis
6		Silty Clay Dark grayish brown, medium plasticity, medium stiff, moist	6-8	75	5	2	
8		Sandy Clay Gray, medium plasticity, soft, wet	8-10		6	2	
10		Gravelly Sand Brown, medium grained, medium dense, well graded, saturated	10-12	100	11	4	Groundwater at 10'
12			12-14		335	135	Odor (12' - 14.5')
14		Silty Clay Gray, low plasticity, stiff, 3% gravel, damp	14-16	100	85	15	2" of reddish-brown product on top of clay at 14'
16		Dry (16' - 17')	16-18		12	4	
18		Sand Gray, fine grained, loose, poorly graded, wet	18-20*	100	3	1	Soil sample collected (18.5' - 20') at 16:00 for laboratory analysis
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-57
Date Drilled: 05/29/13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Earth Exploration

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
22		Sandy Clay Gray, low plasticity, stiff, trace of gravel, damp End of Boring					
24							
26							
28							
30							
32							
34							
36							
38							
40							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-58
Date Drilled: 05-29-13
Personnel: M.C. - Ark
Boring Location: See comments below
Driller: Ark

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: E of GSSB-59
		Coke, Coal, Sand, and Gravel Fill Black, dry	0-2		43	0.0	
2			2-4	75	38	0.1	
4			4-6		79	1.2	
6		Silty Clay Gray, medium plasticity, soft, moist	6-8*	60	108	2.4	Soil sample collected (6' - 8') at 9:45 for laboratory analysis
8		Gravelly Sand Reddish-brown, coarse grained, medium dense, well graded, saturated	8-10		180	3.8	
10		Clayey Sand Brown, coarse grained, medium dense, well graded, saturated, some gravel Gray	10-12	75	175	6.9	Groundwater at 8' Odor (6' - 15')
12		Sandy Gravel Gray, coarse grained, loose, saturated	12-14		220	140	
14			14-16	90	111	13	
16		Silty Clay Gray, low plasticity, stiff, damp	16-18		14	7.8	
18		Dry	18-20*	100	7.2	1.4	Soil sample collected (18' - 20') at 09:55 for laboratory analysis (MS/MSD)
20		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-59
Date Drilled: 05-29-13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Earth Exploration

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: SW of GSSB-58
		Coke and Gravel Fill Black, dry	0-2	25	7	2	
2			2-4		10	2	
4		Silty Clay Brown, medium plasticity, medium stiff, moist, trace of sand and gravel	4-6	100	9	8	Soil sample collected (6' - 8') at 09:40 for laboratory analysis
6			6-8*		16	12	
8		Sand Gray, medium grained, medium dense, well graded, wet	8-10	100	20	10	
10		Sandy Clay Brown, medium plasticity, medium stiff, moist	10-12		14	3	Odor (6' - 11') Groundwater at 9.5'
12		Gravelly Sand Gray, coarse grained, loose, well graded, saturated	12-14	100	3	2	
14		Silty Clay Gray, low plasticity, stiff, damp, trace of sand and gravel	14-16		2	2	
16			16-18	100	2	2	Soil sample collected (18' - 20') at 09:50 for laboratory analysis
18		Gravelly Sand Gray, coarse grained, well graded, saturated	18-20*		1	1	
20		Silty Clay Gray, low plasticity, stiff, damp					
		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-60
Date Drilled: 05-29-13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Earth Exploration

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: S of GSSB-59
		Coke Fill with Clay Damp	0-2		6	1	
2				50			
		Gravelly Sand Brown, moist, trace of coke	2-4		6	1	
4							
		Silty Clay Dark brown, medium plasticity, medium stiff, moist	4-6		22	4	
6				50			
			6-8*		45	6	Soil sample collected (6' - 8') at 10:40 for laboratory analysis
8							
		Sand Brown and gray, medium grained, medium dense, well graded, trace of gravel, saturated	8-10		37	5	Groundwater at 8.5'
10				50			
		Sandy Clay Gray, low plasticity, medium stiff, damp, 5% gravel Dry	10-12		7	2	Oxidation for first 2" of sandy clay
12							
			12-14		2	2	
14				100			
			14-16		2	1	
16							
		Silty Clay Gray, low plasticity, stiff, damp, 5% gravel	16-18		2	1	
18				100			
			18-20*		2	1	Soil sample collected (18' - 20') at 10:50 for laboratory analysis
20							
		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-61
Date Drilled: 05-29-13
Personnel: M.C. - Ark
Boring Location: See comments below
Driller: Ark

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: S of GSSB-60
		Asphalt/Crushed Stone	0-2		1.7	0.0	
2		Coal and Coke Fill Black, dry	2-4	80	19	4.0	
4			4-6		27	5.3	
6		Silty Clay Gray, medium plasticity, stiff, damp, trace of gravel	6-8*	80	30	8.3	Soil sample collected (6' - 8') at 12:05 for laboratory analysis
8		Brown	8-10		12	7.7	
10			10-12	100	6.1	3.8	
12		Sand Gray, medium grained, medium dense, poorly graded, saturated	12-14		4.2	1.5	Groundwater at 11'
14		Gravelly Sand Brown, coarse grained, loose, well graded, saturated	14-16	100	4.2	1.3	
16		Sand Gray, medium grained, medium dense, poorly graded, saturated	16-18		3.1	1.3	
18		Silty Clay Gray, low plasticity, stiff, damp, trace of gravel	18-20*	100	1.9	0.1	Soil sample collected (18' - 20') at 12:35 for laboratory analysis
20		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-62
Date Drilled: 05-29-13
Personnel: M.C. - Ark
Boring Location: See comments below
Driller: Ark

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: E of GSSB-60
		Coal, Coke, Sand, and Gravel Fill Black	0-2		15	1.4	
2			2-4	80	13	0.8	
4		Silty Clay Brown, medium plasticity, medium stiff, damp	4-6		31	2.7	Soil sample collected (6' - 8') at 16:10 for laboratory analysis
6		Gray, soft, moist	6-8*	80	32	9.0	
8		Sandy Gravel Black, coarse grained, dense, well graded, damp	8-10		23	8.6	
10			10-12	80	18	23	Groundwater at 11'
12		Gravelly Sand Gray, coarse grained, medium dense, well graded, saturated	12-14		9.9	2.1	
14		Silty Clay Gray, low plasticity, stiff, damp	14-16	100	6.2	0.7	
16			16-18*	100	6.1	0.8	Soil sample collected (16' - 18') at 16:20 for laboratory analysis
18		End of Boring					Refusal at 18'
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-63
Date Drilled: 05-29-13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Earth Exploration

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: N of GSSB-61
		Asphalt/Crushed Stone					
2		Fill (Sand) Damp	0-2	50	1	1	Coke fragments (1' - 7')
			2-4		11	8	
4		Fill (Silty Clay) Dark gray, high plasticity, soft, moist	4-6	50	12	13	
6			6-8*		20	15	
8		Sand Brown, medium grained, loose, well graded, wet					Iron oxidation (8' - 9')
		Gravelly Sand Gray and reddish-brown, coarse grained, loose, well graded, saturated Gray below 9'	8-10	75	12	9	
10			10-12		6	2	Groundwater at 8'
12		Sandy Clay Gray, low plasticity, stiff, damp, 5% gravel	12-14	100	2	2	
14			14-16		1	1	
16		Silty Clay Gray, low plasticity, medium stiff, damp, 5% gravel	16-18	100	1	1	
18			18-20*		1	1	Soil sample collected (18' - 20') at 12:05 for laboratory analysis
20		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-64
Date Drilled: 06-04-13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Ark

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: N of GSSB-55
		Coke dry	0-2		1.0	1.6	
2		Silty Clay Brown, medium plasticity, medium stiff, moist, trace of sand and gravel	2-4	100	5.0	5.8	Odor 4' - 14'
		Increase in sand and gravel 3' - 4'					
4			4-6		6.1	7.3	
6		Soft	6-8	100	45	63	
8			8-10		40	61	Groundwater at 11.5'
10		Sandy Clay Gray, medium plasticity, soft, moist, trace of gravel	10-12	100	33	43	
12		Gravelly Sand Gray, coarse grained, medium dense, well graded, saturated	12-14		98	32	
14		Silty Clay Brown, low plasticity, medium stiff, damp, trace of gravel	14-16	100	27	18	Reddish-brown product (13'-13.5')
		Gray and very stiff					
16			16-18		11	8.9	
18			18-20	100	2.6	2.1	
20		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-65
Date Drilled: 06-04-13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Ark

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: W of GSSB-67
		Coke damp	0-2	100	8	0.5	No product observed
2		Sandy Clay Brown, medium plasticity, medium stiff, damp, trace of gravel	2-4		1	0.5	
4		Gray, soft, and moist	4-6	50	16	21	Odor 10.5' - 17' Groundwater at 12'
6			6-8		6	3.8	
8		Sand Gray, medium grained, loose, well graded, wet	8-10	50	4	3	
10		Sandy Clay Brown, medium plasticity, soft, moist, trace of gravel	10-12		37	79	
12		Sand Brown, medium grained, medium dense, well graded, moist Saturated	12-14	100	26	14	
14			14-16		30	42	
16		Silty Clay Brown, low plasticity, stiff, damp, trace of sand and gravel	16-18	100	11	20	
18		Sand Tan, medium grained, medium dense, well graded, moist, trace of gravel	18-20		7	10	
20							
		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-66
Date Drilled: 06-04-13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Ark

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: E of GSSB-64
		Coke and Sand Fill damp	0-2		5.4	4.1	No product observed
2			2-4	100	19	16	
4		Silty Clay Brown, medium plasticity, medium stiff, moist, trace of gravel	4-6		24	28	Odor 8' - 16'
6			6-8	100	31	36	
8			8-10		54	50	
10		Gray	10-12	100	600	429	
12			12-14		68	42	Groundwater at 16'
14		Weak and soft	14-16	100	103	75	
16		Sand Gray, fine grained, dense, well graded, wet, trace of gravel Saturated at 16'	16-18		22	17	
18		Silty Clay Gray, low plasticity, stiff, damp, trace of gravel Dry at 19'	18-20	100	5.1	3.2	
20		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-67
Date Drilled: 06-04-13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Ark

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: S of GSSB-66
		Coke and Sand Fill dry	0-2		2.2	1.2	
2		Sandy Clay Brown, low plasticity, medium stiff, damp, trace of gravel	2-4	50	6.3	5.4	Odor 9' - 14' Groundwater at 10' Sheen on groundwater with no visible product
4		Silty Clay Dark brown, medium plasticity, medium stiff, moist, trace of gravel	4-6		9.1	6.0	
6			6-8	40	10.4	6.7	
8		Gray Weak and soft	8-10		10.8	6.8	
10		Sand Dark gray, medium grained, medium dense, poorly graded, saturated, trace of gravel	10-12	100	27	22	
12			12-14		2,000	1,500	
14		Silty Clay Gray, low plasticity, stiff, damp, trace of gravel Dry	14-16	100	19	13	
16			16-18		7.0	6.2	
18			18-20	100	3.5	2.1	
20		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-68
Date Drilled: 06-04-13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Ark

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: S of GSSB-67 No product observed Coke fragments (0.5' - 1') Coke fragments (3.5' - 5') Groundwater at 12'
		Fill (Sand) Dry	0-2	50	0.5	0.5	
2			2-4		0.5	0.3	
4		Moist	4-6	50	5.2	2.0	
6		Silty Clay Dark gray and brown, medium plasticity, medium stiff, damp, trace of gravel	6-8		3.2	8.5	
8		Soft and moist	8-10	100	1.2	6.0	
10		Sand Gray, medium grained, dense, well graded, wet, trace of gravel	10-12		0.8	1.0	
12		Saturated with increase in gravel	12-14	100	1.0	0.8	
14		Sandy Clay Brown, low plasticity, stiff, damp, trace of gravel	14-16		0.5	0.4	
16		Gray Decrease in sand	16-18	100	0.4	0.4	
18		Sand Gray, fine grained, dense, poorly graded, moist	18-20		0.3	0.2	
20		Silty Clay Gray, low plasticity, stiff, damp, trace of gravel					
		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-69
Date Drilled: 06-04-13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Ark

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: E of GSSB-67
		Coke, Sand, and Clay Fill					No product observed
		Damp	0-2		3.0	4.4	
2			2-4	100	34	27	
4			4-6		16	11	
6		Moist	6-8	70	12	14	
8		Wet					Odor 8' - 13'
		Silty Clay	8-10		13	8.3	
		Dark gray, medium plasticity, medium stiff, moist, trace of gravel					
10		Soft	10-12	50	51	34	Groundwater at 12.5'
12		Sand					
		Gray, medium grained, dense, well graded, moist, trace of gravel					
		Saturated	12-14		27	21	
14		Silty Clay					
		Reddish-brown, low plasticity, stiff, damp, trace of gravel					
		Gray	14-16	75	11	6.3	
16		Dry					
		Sand	16-18		2.5	4.1	
18		Brown, fine grained, dense, well graded, moist, trace of gravel					
		Silty Clay	18-20	100	1.9	2.0	
		Gray, low plasticity, stiff, damp, trace of gravel					
20		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-70
Date Drilled: 06-04-13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Ark

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: E of GSSB-68
		Coke Dry	0-2	100	3.1	5.6	
2		Moist	2-4		3.7	5.8	
4			4-6	75	5.1	8.2	Wood chips (4' - 6')
6		Wet	6-8		192	286	Odor 4' - 12'
		Silty Clay Dark gray, medium plasticity, medium stiff, moist, trace of gravel	8-10		28	24	
10		Soft	10-12	75	19	23	
		Gravelly Sand Gray, coarse grained, dense, well graded, wet	12-14		12	9.9	Groundwater at 12' Trace amount of reddish-brown product (12' - 12.5')
12		Saturated	14-16		8.0	7.4	
		Sandy Clay Gray, low plasticity, stiff, damp, trace of gravel	16-18	100	5.2	3.4	
14			18-20		3.0	2.7	
		Silty Clay Gray, low plasticity, stiff, damp, trace of gravel					
16							
18							
20		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-71
Date Drilled: 06-14-13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Ark

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: SW of GSSB-65
		Coke Dry	0-2		2,968	68.57	No product observed
2		Sandy Clay Brown, medium plasticity, medium stiff, moist, trace of gravel	2-4	50	3,217	10.17	
4		Soft 4' - 7'	4-6		3,089	7.23	Groundwater at 8'
6			6-8	75	1,692	14.93	
8		Soft and wet 8' - 9'	8-10		2,905	9.40	
10		Silty Clay Gray, low plasticity, stiff, damp, trace of gravel	10-12	100	3,609	13.22	
12		Dry 12' - 15'	12-14		2,200	6.96	
14			14-16	100	1,150	7.85	
16		End of Boring					
18							
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-72
Date Drilled: 06-14-13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Ark

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: W of GSSB-64
		Coke and Sand Fill Damp	0-2		513	5.79	
2				75			
		Sandy Clay Brown, medium plasticity, medium stiff, moist, trace of gravel	2-4		3,460	37.42	
4			4-6		2,681	67.18	
6			6-8	40	2,468	287	
8		Dark gray	8-10		2,324	1,007	Odor 8' - 18'
10			10-12	100	3,782	574	
12		Sand Dark gray, medium grained, loose, well graded, saturated, trace of gravel	12-14		1,721	4,560	Groundwater at 12' Sheen on groundwater
14			14-16	50	2,590	6,257	Trace amount of reddish-brown product at 15'
16		Silty Clay Brown, medium plasticity, medium stiff, moist, trace of gravel	16-18		4,193	3,572	
18		Gray	18-20	100	553	34.57	
20		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-73
Date Drilled: 06-14-13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Ark

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: E of GSSB-64
		Coke and Sand Fill Dry	0-2		1,562	8.92	No product observed
2			2-4	50	672	25.16	
4		Damp	4-6		721	10.12	
6		Sandy Clay Brown, medium plasticity, medium stiff, moist, trace of gravel	6-8	75	681	9.72	
8			8-10		161	9.37	Odor 11' - 12' Groundwater at 12'
10		Sand Gray, medium grained, loose, well graded, wet, trace of gravel	10-12	100	397	14.38	
12		Saturated	12-14		51	7.63	
14			14-16	75	41	7.0	
16		Silty Clay Gray, low plasticity, stiff, damp, trace of gravel	16-18	100	20	4.7	
18		End of Boring					
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-74
Date Drilled: 06-14-13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Ark

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: N of GSMW-31
		Coke Dry	0-2		8.53	17.92	
2			2-4	50	8.96	18.50	Red product at 3.9'
4		Fill (Clay) White, high plasticity, soft, moist					
		Fill (Clayey Sand) Soft, moist, coal fragments	4-6		80.56	1,792	Black product mixed with coal fragments (4' - 8')
6			6-8	75	459	8,400	
8		Silty Clay Dark gray, medium plasticity, medium stiff, damp, trace of gravel	8-10		88.12	2,763	
10		Trace of sand	10-12	75	36.52	301	
12		Gravelly Sand Gray with black staining, coarse grained, loose, well graded, saturated	12-14		90.12	161	Groundwater at 12' Reddish-brown product (12' - 17')
14			14-16	100	1.96	87.42	
16			16-18		3.11	67.69	
18		Silty Clay Gray, low plasticity, stiff, damp, trace of gravel	18-20	100	0.51	11.27	
20		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-75
Date Drilled: 06-14-13
Personnel: M.O. - Ark
Boring Location: See comments below
Driller: Ark

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: E of GSSB-57
		Coke Dry	0-2		1.03	7.55	No product observed
2		Trace of brick at 2'	2-4	50	1.52	7.75	
4		Silty Clay Reddish-brown, medium plasticity, medium stiff, moist, trace of gravel	4-6		0.83	7.67	
6			6-8	50	1.03	8.12	Groundwater at 8.5'
8			8-10		1.55	37.19	
10		Gravelly Sand Gray, medium grained, loose, well graded, saturated Trace of clay 8.5' - 10'	10-12	50	0.59	30.03	
12		Brown	12-14		0.41	16.18	
14			14-16	50	0.29	20.20	
16		Silty Clay Gray, low plasticity, stiff, damp, trace of gravel	16-18	100	0.17	12.77	
18		End of Boring					
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens
Project Name: Prospect Gas Supply
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: GSSB-76
Date Drilled: 06-14-13
Personnel: N.B.
Boring Location: See comments below
Driller: Ark

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					Boring Location: E of GSSB-70
		Gravel and Coke Fill	0-2		0.62	5.22	
2			2-4	80	0.23	7.14	
4		Silty Clay Gray, medium plasticity, medium stiff, trace of sand and gravel increasing with depth	4-6		2.03	7.57	Groundwater at 10'
6			6-8	60	2.67	7.92	
8		Soft					
		Gravelly Sand Brown, medium-coarse grained, loose, well graded, wet	8-10		15.29	19.90	
10		Gray	10-12	75	71.68	17.38	
12		Silty Sand Fine grained, medium dense, poorly graded, wet	12-14		21.93	16.60	
14		Gravelly Sand Medium-coarse grained, loose, well graded, wet	14-16	95	4.21	15.16	
16		Silty Clay Gray, low plasticity, hard, damp					
		End of Boring					
18							
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens Energy Group
Project Name: Gas Supply Additional FSI
Drilling Method: Geoprobe
Site Location: Indianapolis
Elevation: N/A

Soil Boring ID: GSSB-77
Date Drilled: 6-14-13
Personnel: M.O. - Ark
Boring Location: GS
Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					
		Coal					
2		Silty Clay Brown, medium plasticity, hard, dry, trace of sand and gravel	0-2	90	9.81	6.17	
			2-4		5.85	7.75	
4		Sandy Clay Brown, medium plasticity, medium stiff, damp, trace of gravel	4-6	85	5.88	5.53	
6			6-8		6.01	7.10	
8		Clayey Sand Brown, medium plasticity, soft, moist, trace of gravel	8-10	75	3.51	7.29	
10			10-12		14.55	7.90	
12		Wet Sand Gray, medium grained, loose, well graded, saturated, trace of gravel	12-14	95	10.01	9.83	
14		Silty Clay Brown, low plasticity, stiff, damp, trace of gravel Gray	14-16		1.91	4.62	
16		End of Boring					
18							
20							

Groundwater at 11.5'

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320

Client Name: Citizens Energy Group

Project Name: Gas Supply Additional FSI

Drilling Method: Geoprobe

Site Location: Indianapolis

Elevation: N/A

Soil Boring ID: GSSB-78

Date Drilled: 6-14-13

Personnel: M.O. - Ark

Boring Location: GS

Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					No product observed
		Coke Dry	0-2	75	1.63	2.92	
2		Silty Clay Reddish-brown, medium plasticity, medium stiff, damp	2-4		6.03	7.21	
4		Sandy Clay Brown, medium plasticity, medium stiff, moist, trace gravel Soft 6' - 7'	4-6	100	0.91	5.76	
6			6-8		0.70	6.59	
8			8-10	100	0.53	11.81	
10			10-12		0.22	4.29	
12		Gravelly Sand Brown, coarse grained, medium dense, well graded, saturated	12-14	75	5.75	14.53	Groundwater at 12'
14			14-16		1.53	7.75	
16		Silty Clay Gray, medium plasticity, stiff, moist, trace gravel	16-18	100	5.22	5.51	
18			18-20		2.36	9.00	
20		Sand (3" at bottom of boring) Reddish-brown, coarse grained, loose, well graded, damp					
		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320

Client Name: Citizens Energy Group

Project Name: Gas Supply Additional FSI

Drilling Method: Geoprobe

Site Location: Indianapolis

Elevation: N/A

Soil Boring ID: GSSB-79

Date Drilled: 7-2-13

Personnel: M.O. - Ark

Boring Location: GS

Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					No product observed
		Coal, Sand, and Gravel Fill Damp	0-2	100	12	1.0	
2		Silty Clay Brown, medium plasticity, medium stiff, damp					
		Sandy Clay Brown, low plasticity, medium stiff, damp, trace of gravel	2-4	100	30	1.5	
4							
		Moist 5' - 6'	4-6		10	0.5	
6			6-8	75	26	4.2	
8			8-10		13	2.6	
10			10-12		21	7.3	
12		Gravelly Sand Brown, medium grained, medium dense, well graded, wet Saturated	12-14	75	24	9.5	Groundwater at 12'
14		Sand Reddish-brown, fine grained, loose, poorly graded, saturated	14-16		4.6	3.2	
16			16-18		2.0	2.6	
18		Silty Clay Brown, medium plasticity, medium stiff, moist, trace of gravel	18-20	100	2.1	2.4	
20		Gray and stiff					
		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens Energy Group
Project Name: Gas Supply Additional FSI
Drilling Method: Geoprobe
Site Location: Indianapolis
Elevation: N/A

Soil Boring ID: GSSB-80
Date Drilled: 7-2-13
Personnel: M.O. - Ark
Boring Location: GS
Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					
		Coal Damp	0-2		3.0	4.4	
2			2-4	50	3.1	4.7	
4			4-6		14	19	
6		Trace of clay 6' - 7' Wet	6-8	50	26	33	Wet 6' - 9'
8			8-10		17	53	
10		Silty Clay Dark gray, medium plasticity, medium stiff, moist Weak and soft	10-12	100	13	44	Groundwater at 11.5'
12		Gravelly Sand Gray, coarse grained, loose, well graded, saturated	12-14		10	8.2	
14		Increase in rounded gravel 14' - 15' Trace of clay	14-16	100	13	29	Black staining and reddish-brown product (14' -15')
16		Silty Clay Gray, 2" in cutting shoe					
18		End of Boring					
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320

Client Name: Citizens Energy Group

Project Name: Gas Supply Additional FSI

Drilling Method: Geoprobe

Site Location: Indianapolis

Elevation: N/A

Soil Boring ID: GSSB-81

Date Drilled: 7-2-13

Personnel: M.O. - Ark

Boring Location: GS

Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					
		Coke, Sand, Gravel, and Coal Fill Damp	0-2		7.2	1.2	No product observed
2			2-4	75	8.4	1.6	
4			4-6		9.2	4.8	
6		Wet					Trace of brick (4' - 5')
6		Silty Clay Gray, medium plasticity, medium stiff, moist	6-8	50	10.7	9.3	
8			8-10		5.2	1.7	Groundwater at 12'
10		Weak and soft with trace of sand	10-12	50	11.0	5.5	
12		Gravelly Sand Gray, medium grained, dense, well graded, wet Saturated	12-14		10.6	5.8	
14			14-16	100	9.2	5.9	
16		Silty Clay Gray, low plasticity, stiff, damp, trace of gravel	16-18	100	7.2	3.9	
18		End of Boring					
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens Energy Group
Project Name: Gas Supply Additional FSI
Drilling Method: Geoprobe
Site Location: Indianapolis
Elevation: N/A

Soil Boring ID: GSSB-82
Date Drilled: 7-2-13
Personnel: M.O. - Ark
Boring Location: GS
Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					
		Coke Damp	0-2		2.2	7.1	
2				75			
		Sand Brown, medium grained, loose, poorly graded, damp	2-4		11.4	3.6	
4							
		Silty Clay Brown, medium plasticity, medium stiff, moist	4-6		12	2.2	
6				100			
			6-8		18.9	4.6	
8		Gravelly Sand Brown, medium grained, loose, well graded, wet Saturated 8.5'	8-10		43	16.9	Groundwater at 8.5' 3" reddish-brown product on top of clay at 9'
10		Sandy Clay Grayish-brown, medium plasticity, medium stiff, moist		100			
			10-12		58	31	
12		Silty Clay Gray, low plasticity, stiff, damp, trace of gravel					
			12-14		27	18	
14				100			
			14-16		4.9	12	
16		End of Boring					
18							
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320

Client Name: Citizens Energy Group

Project Name: Gas Supply Additional FSI

Drilling Method: Geoprobe

Site Location: Indianapolis

Elevation: N/A

Soil Boring ID: GSSB-83

Date Drilled: 7-2-13

Personnel: M.O. - Ark

Boring Location: GS

Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					
		Coke, Sand and Gravel Fill Damp	0-2	100	10.2	6.3	No Product
2			2-4		13.4	7.6	
4			4-6	50	12.1	6.8	
6		Silty Clay Brown, medium plasticity, medium stiff, moist	6-8		2.7	2.1	
8		Soft with trace of sand 9' - 10'	8-10	75	4.1	7.2	Groundwater at 11'
10		Gravelly Sand Tan, fine grained, medium dense, well graded, wet Saturated at 11'	10-12		3.0	2.4	
12			12-14	100	1.1	0.3	
14		Silty Clay Gray, low plasticity, stiff, trace of gravel, damp	14-16		1.6	1.2	
16		End of Boring					
18							
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320

Client Name: Citizens Energy Group

Project Name: Gas Supply Additional FSI

Drilling Method: Geoprobe

Site Location: Indianapolis

Elevation: N/A

Soil Boring ID: GSSB-84

Date Drilled: 7-2-13

Personnel: M.O. - Ark

Boring Location: GS

Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					
		Sand and Coal Fill Moist	0-2		1.1	0.4	
2				80			
		Silty Clay Brown, medium plasticity, medium stiff, moist Coke fragments at 4', 6', and 7.5'	2-4		12	0.2	
4			4-6		13	0.4	
6			6-8	70	112	3.2	
8		Gravelly Sand Gray, coarse grained, loose, well graded, wet	8-10		9.3	1.2	
10		Brown and saturated at 10'	10-12	75	12.4	4.1	Groundwater at 10'
12		Increase in gravel 12' - 14'	12-14		218	171	Reddish-brown product (13' - 14')
14		Silty Clay Gray, low plasticity, stiff, trace gravel, damp	14-16	90	138	120	
16		End of Boring					
18							
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320

Client Name: Citizens Energy Group

Project Name: Gas Supply Additional FSI

Drilling Method: Geoprobe

Site Location: Indianapolis

Elevation: N/A

Soil Boring ID: GSSB-85

Date Drilled: 7-2-13

Personnel: M.O. - Ark

Boring Location: GS

Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					
		Fill (Silty Clay) Brown, low plasticity, weak, damp	0-2		0.3	0.2	
2				50			
		6" of crushed coke at 3'	2-4		3.1	2.4	
4		End of Boring					Refusal at 4'; moved approx. 6' N. Refusal at 4': moved approx. 5' E. Refusal at 4': moved approx. 4' W. Refusal at 4'
6							
8							
10							
12							
14							
16							
18							
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens Energy Group
Project Name: Gas Supply Additional FSI
Drilling Method: Geoprobe
Site Location: Indianapolis
Elevation: N/A

Soil Boring ID: GSSB-86
Date Drilled: 7-2-13
Personnel: M.O. - Ark
Boring Location: GS
Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					
		Fill (Sandy Clay) Brown, medium plasticity, soft, moist	0-2		0.4	0.3	
2		Sand, Gravel and Coal Fill Dry	2-4	50	4.1	3.6	Railroad tie, wood chips at 2'
4		Fill (Sandy Clay) Brown, medium plasticity, soft, damp	4-6		5.2	5.7	
6		Crushed Coal Dry	6-8	50	10	6.1	
8		Silty Clay Dark brown, medium plasticity, medium stiff, trace gravel, damp	8-10		22	27	
10		Soft and moist 10' - 11'	10-12	75	34	49	Groundwater at 11'
12		Gravelly Sand Brown, fine to coarse grained, medium dense, well graded, saturated	12-14		146	322	Odor (13' - 17')
14			14-16	100	230	1,045	Reddish-brown product (14' - 15.5')
16		Silty Clay Gray, low plasticity, very hard, trace of gravel, damp	16-18		42	78	
18			18-20	100	1.7	2.3	
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320

Client Name: Citizens Energy Group

Project Name: Gas Supply Additional FSI

Drilling Method: Geoprobe

Site Location: Indianapolis

Elevation: N/A

Soil Boring ID: GSSB-87

Date Drilled: 7-2-13

Personnel: M.O. - Ark

Boring Location: GS

Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					
		Sand, Gravel and Coke Fill	0-2		11.1	6.2	
2			2-4	75	2.3	4.6	
4		Silty Clay Reddish-brown, medium plasticity, medium stiff, trace gravel, moist	4-6		3.6	4.1	
6		Soft 6' - 7'	6-8	75	3.0	3.1	No visual product
8		Clayey Sand Reddish-brown, fine grained, loose, well graded, wet	8-10		3.3	2.6	
10		Saturated at 10'	10-12	100	3.3	2.5	Groundwater at 10'
12		Sand Brown, medium grained, medium dense, well graded, trace of gravel, saturated	12-14		8.2	6.3	
14		Silt Gray, non-plastic, hard, damp	14-16	100	5.1	4.2	
16		Silty Clay Brown, low plasticity, stiff, trace gravel, dry					
		End of Boring					
18							
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320
Client Name: Citizens Energy Group
Project Name: Gas Supply Additional FSI
Drilling Method: Geoprobe
Site Location: Indianapolis
Elevation: N/A

Soil Boring ID: GSSB-88
Date Drilled: 7-2-13
Personnel: M.O. - Ark
Boring Location: GS
Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					
		Coke, Sand, Clay, Brick and Coal Fill	0-2		0.8	0.4	
2			2-4	50	14	2.8	
4		Silty Clay Brown, medium plasticity, medium stiff, trace of gravel, damp	4-6		37	0.5	
6			6-8	100	49	1.7	
8		Sand Brown, fine grained, medium dense, well graded, trace of clay and gravel, moist Saturated at 8.5'	8-10		56	7.7	Groundwater at 8.5'
10		Gray at 10.5'	10-12	100	114	42	
12		Sandy Clay Gray, low plasticity, medium stiff, moist	12-14		128	54	
14		Gravelly Sand Gray, coarse grained, loose, well graded, saturated	14-16	75	36	5.6	Trace of reddish-brown product with sheen on water at 15'
16		Silty Clay Reddish-brown, medium plasticity, medium stiff, trace of gravel, moist					
		End of Boring					
18							
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN0840.320

Client Name: Citizens Energy Group

Project Name: Gas Supply Additional FSI

Drilling Method: Geoprobe

Site Location: Indianapolis

Elevation: N/A

Soil Boring ID: GSSB-89

Date Drilled: 7-2-13

Personnel: M.O. - Ark

Boring Location: GS

Driller: ARK

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					
		Coke Damp	0-2		13	1.7	
2			2-4	100	243	181	
4		Fill (Silty Clay) Brown, medium plasticity, medium stiff, trace of gravel Soft and moist 4' - 6'	4-6		216	83	Coke fragments (4' - 6')
6		Sandy Clay Grayish-brown, medium plasticity, medium stiff, trace of gravel	6-8	100	280	84	Odor (6' - 13')
8		Soft 8' - 11'	8-10		256	87	
10			10-12	100	246	301	Groundwater at 11'
12		Clayey Sand Black, fine grained, loose, poorly graded, saturated					Sheen on water but no visible product
		Gravel Black, loose, subangular, saturated	12-14		31	43	
14		Silty Clay Brown, low plasticity, stiff, trace of gravel, damp Gray and dry at 14'	14-16	100	27	36	
16		End of Boring					
18							
20							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN1309.320
Client Name: Citizens Energy Group
Project Name: Gas Supply Additional FSI
Drilling Method: Geoprobe
Site Location: Indianapolis
Elevation: N/A

Soil Boring ID: GSSB-100
Date Drilled: 8-26-13
Personnel: M.O. - Ark
Boring Location: N. of GSMW-6
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					
		Sand, Clay and Gravel Fill Coke fragments, dry	0-2	80	4.2	0.5	Soil sample collected (6' - 8') at 09:45 for laboratory analysis Groundwater at 8'
2			2-4		0.3	0.2	
4		Clayey Sand Brown, fine grained, medium dense, poorly graded, damp	4-6	60	0.3	0.2	
6			6-8*		0.5	0.3	
8		Gravelly Sand Brown, coarse grained, medium dense, well graded, damp Saturated at 8'	8-10	100	0.3	0.2	
10		Silty Clay Gray, low plasticity, stiff, trace of gravel, damp Dry at 10'	10-12		0.2	0.2	
12			12-14	100	0.2	0.2	
14			14-16		0.2	0.2	
16			16-18	100	0.2	0.2	
18			18-20*		0.2	0.2	
20		End of Boring					Soil sample collected (18' - 20') at 09:55 for laboratory analysis (MS/MSD)

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN1309.320
Client Name: Citizens Energy Group
Project Name: Gas Supply Additional FSI
Drilling Method: Geoprobe
Site Location: Indianapolis
Elevation: N/A

Soil Boring ID: GSSB-101
Date Drilled: 8-26-13
Personnel: M.O. - Ark
Boring Location: N. of GSSB-100
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					
		Coke Fill with Sand and Gravel Dry	0-2	90	18	0.3	
2			2-4		16	0.3	
4			4-6	60	15	0.3	
6		Clayey Sand Brown, fine grained, medium dense, poorly graded, damp	6-8*		23	0.8	
8			8-10	50	23	3.5	Odor (9' - 12') Groundwater at 9'
10		Gray and saturated at 9'	10-12		24	62	
12		Silty Clay Gray, low plasticity, stiff, trace of gravel, damp	12-14*	100	28	130	Soil sample collected (12' - 14') at 11:05 for laboratory analysis
14			14-16		13	41	Moist (15' - 16')
16		Trace of sand and moist 15' - 16'	16-18	100	11	1.2	Dry at 16.5'
18		Dry at 16.5'	18-20*		6.2	0.4	Soil sample (18' - 20') collected at 11:10 for laboratory analysis
20		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JN1536.380
Client Name: Citizens Energy Group
Project Name: BTX Line Investigation
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-109
Date Drilled: 10/11/2013
Personnel: N. Skirvin
Boring Location: N. of Concrete Pad
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval (ft bg)	Recovery %	PID (ppm)	Comments
0		Ground Surface				
0		Top Soil Brown	0-2	80	0.5	Soil sample collected (1' - 3') at 10:50 for laboratory analysis
2		Silty Clay Dark brown, medium plasticity, medium stiff, damp	2-4		1.5	
4		Dark brown w/orange mottling	4-6*	60	36.1	Soil sample collected (4' - 6') at 11:00 for laboratory analysis
6			6-8		10.4	
8		End of Boring				
10						
12						
14						
16						
18						
20						


PID = photoionizable vapors
 ft bg = feet below grade
 ND = not detected at 0.1 ppm

-- = no headspace analysis
 ppm = parts per million
 * = submitted for laboratory analysis



Project Number: JN1536.380
Client Name: Citizens Energy Group
Project Name: BTX Line Investigation
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-110
Date Drilled: 10/11/2013
Personnel: N. Skirvin
Boring Location: N. of GSSB-109
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval (ft bg)	Recovery %	PID (ppm)	Comments	
0		Ground Surface				Soil sample collected (1' - 3') at 11:25 for laboratory analysis	
		Silty Clay Brown, medium plasticity, medium stiff, damp	0-2	80	0.0		Soil sample collected (3' - 5') at 11:30 for laboratory analysis
2		Black, trace of coke	2-4		0.1		
		Brown w/orange mottling					
4		Orange, low plasticity	4-6	0.0			
6			6-8	50	0.0		
	Sandy Clay Gray, medium plasticity, soft, trace of gravel, damp						
8		End of Boring					
10							
12							
14							
16							
18							
20							

PID = photoionizable vapors
 ft bg = feet below grade
 ND = not detected at 0.1 ppm

-- = no headspace analysis
 ppm = parts per million
 * = submitted for laboratory analysis



Project Number: JN1536.380
Client Name: Citizens Energy Group
Project Name: BTX Line Investigation
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-111
Date Drilled: 10/11/2013
Personnel: N. Skirvin
Boring Location: N. of GSSB-110
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval (ft bg)	Recovery %	PID (ppm)	Comments
0		Ground Surface				
0		Silty Clay Brown, medium plasticity, medium stiff, damp	0-2	80	1.6	Soil sample collected (1' - 3') at 12:05 for laboratory analysis
2		Gray with trace of gravel, moist	2-4		0.6	
4			4-6	80	1.9	Soil sample collected (3' - 5') at 12:10 for laboratory analysis
6			6-8		0.8	
8		Sand Orange, coarse grained, loose, well graded, trace of gravel, damp				
		End of Boring				
10						
12						
14						
16						
18						
20						

PID = photoionizable vapors
 ft bg = feet below grade
 ND = not detected at 0.1 ppm

-- = no headspace analysis
 ppm = parts per million
 * = submitted for laboratory analysis



Project Number: JN1536.380
Client Name: Citizens Energy Group
Project Name: BTX Line Investigation
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-112
Date Drilled: 10/11/2013
Personnel: N. Skirvin
Boring Location: N. of GSSB-111
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval (ft bg)	Recovery %	PID (ppm)	Comments
0		Ground Surface				Soil sample collected (1' - 3') at 13:20 for laboratory analysis; odor Soil sample collected (3' - 5') at 13:25 for laboratory analysis (blue tint)
2		Silty Clay Brown, medium plasticity, medium stiff, damp	0-2	80	0.8	
4		Black, trace of coke fragments	2-4		2.9	
6		Sandy Clay Orange, low plasticity, soft, damp	4-6	60	1.4	
8		Sand Orange, coarse grained, loose, well graded, damp	6-8		0.7	
10		End of Boring				
12						
14						
16						
18						
20						

PID = photoionizable vapors
 ft bg = feet below grade
 ND = not detected at 0.1 ppm

-- = no headspace analysis
 ppm = parts per million
 * = submitted for laboratory analysis



Project Number: JN1536.380
Client Name: Citizens Energy Group
Project Name: BTX Line Investigation
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-113
Date Drilled: 10/11/2013
Personnel: N. Skirvin
Boring Location: N. of GSSB-112
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval (ft bg)	Recovery %	PID (ppm)	Comments
0		Ground Surface				Soil sample collected (1' - 3') at 13:50 for laboratory analysis
0		Silty Clay Dark brown, medium plasticity, medium stiff, damp	0-2	70	0.6	
2		Coke fragments	2-4		0.2	Soil sample collected (3' - 5') at 13:55 for laboratory analysis
4		Sand Orange, loose, well graded, damp	4-6	70	0.8	
6		Trace of gravel	6-8		0.3	
8		Brown Silty Clay Brown, medium plasticity, medium stiff, damp				
10		End of Boring				
12						
14						
16						
18						
20						

PID = photoionizable vapors
 ft bg = feet below grade
 ND = not detected at 0.1 ppm

-- = no headspace analysis
 ppm = parts per million
 * = submitted for laboratory analysis



Project Number: JN1536.380
Client Name: Citizens Energy Group
Project Name: BTX Line Investigation
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-114
Date Drilled: 10/11/2013
Personnel: N. Skirvin
Boring Location: N. of GSSB-113
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval (ft bg)	Recovery %	PID (ppm)	Comments
0		Ground Surface				Soil sample collected (1' - 3') at 14:30 for laboratory analysis Soil sample collected (3' - 5') at 14:35 for laboratory analysis
2		Silty Clay Dark brown, medium plasticity, medium stiff, damp	0-2	75	0.6	
4		Sand Brown to black, loose, poorly graded, damp Gray Orange, trace of gravel Brown	2-4	40	0.8	
6			4-6		0.7	
8		Silty Clay Brown, medium plasticity, medium stiff, damp	6-8		0.4	
		End of Boring				
10						
12						
14						
16						
18						
20						

PID = photoionizable vapors
 ft bg = feet below grade
 ND = not detected at 0.1 ppm

-- = no headspace analysis
 ppm = parts per million
 * = submitted for laboratory analysis



Project Number: JN1536.380
Client Name: Citizens Energy Group
Project Name: BTX Line Investigation
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: GSSB-115
Date Drilled: 10/11/2013
Personnel: N. Skirvin
Boring Location: N. of GSSB-114
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval (ft bg)	Recovery %	PID (ppm)	Comments
0		Ground Surface				
		Gravel	0-2	65	0.9	Soil sample collected (1' - 3') at 15:10 for laboratory analysis
2		Silty Clay Brown w/red mottling, medium plasticity, medium stiff, damp				
		Trace of coke fragments	2-4		0.9	Soil sample collected (3' - 5') at 15:15 for laboratory analysis
4		Sandy Clay Black, medium plasticity, medium stiff, damp	4-6	50	2.4	
6		Brick fragments Rocks	6-8		2.1	
8		End of Boring				
10						
12						
14						
16						
18						
20						

PID = photoionizable vapors
 ft bg = feet below grade
 ND = not detected at 0.1 ppm

-- = no headspace analysis
 ppm = parts per million
 * = submitted for laboratory analysis




Project Number: JN1536.380
Client Name: Citizens Energy Group
Project Name: BTX Line Investigation
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

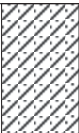


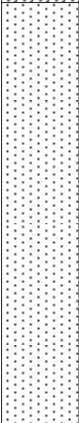


Soil Boring Identification: GSSB-116
Date Drilled: 10/11/2013
Personnel: N. Skirvin
Boring Location: N. of GSSB-115
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval (ft bg)	Recovery %	PID (ppm)	Comments
0		Ground Surface				
		Sandy Silty Clay Dark brown, medium plasticity, medium stiff, damp	0-2		0.5	Soil sample collected (1' - 3') at 15:45 for laboratory analysis
2		Orange seams	2-4	40	0.4	
4		Orangish-brown, low plasticity, soft, damp	4-6		0.2	Soil sample collected (3' - 5') at 15:50 for laboratory analysis
6			6-8	60	0.1	
8		End of Boring				
10						
12						
14						
16						
18						
20						


PID = photoionizable vapors
 ft bg = feet below grade
 ND = not detected at 0.1 ppm

-- = no headspace analysis
 ppm = parts per million
 * = submitted for laboratory analysis




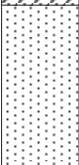

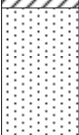





		Project Number: JO1122.380	Date Drilled: 9/24/2014
		Client Name: Citizens Energy Group	Personnel: M.Cooper
		Project Name: Prospect - Interim Measure	Driller: EFS
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, Indiana	GW Sample Method: NA
GSSB-128	UTM Northing*: 1641743.76	UTM Easting*: 201753.10	
	Boring Location: Interim Measure Area	Surface Elevation*: 745.19	

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments	
0		Brown, low plasticity, medium stiff, damp, some silt	80	2.1/ NA			Groundwater (4-11'). 6" of product observed at 4'	
1		SANDY CLAY						
2		Brown, medium grained, loose, well graded, damp	25	24/ NA				
3								
4		Gray, coarse grained, dense, well graded, saturated		176/ NA				
5								
6	SAND		70/ NA					
7								
8								
9		Dark gray, coarse grained, loose, well graded, saturated	35	18/ NA				Soil sample GSSB-128 (16-18') collected at 1711 and submitted for laboratory analysis.
10		SANDY GRAVEL						
11		Gray, low plasticity, stiff, damp, trace gravel	100	12/ NA				
12								
13		Very stiff, dry		11/ NA				
14								
15		SILTY CLAY		8.0/ NA				
16								
17			11/ NA	Groundwater (19-24')				
18	SAND	Fine 1"	100					
19	SILT	Gray, non-plastic, weak-soft, damp						
20	SAND	Gray, fine grained, dense, poorly graded, saturated		10/ NA				


* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

<div></div> <div>GSSB-128</div>		Project Number: JO1122.380		Date Drilled: 9/24/2014			
		Client Name: Citizens Energy Group		Personnel: M.Cooper			
		Project Name: Prospect - Interim Measure		Driller: EFS			
		Drilling Method: Geoprobe		Driller License: NA			
		Site Address: Indianapolis, Indiana		GW Sample Method: NA			
		UTM Northing*: 1641743.76		UTM Easting*: 201753.10			
		Boring Location: Interim Measure Area		Surface Elevation*: 745.19			
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	SAND		100	3.1/ NA			
21		Coarse, trace gravel					
22		Fine grained		2.2/ NA			
23							
24	SILTY CLAY	Brown, medium plasticity, stiff, damp, trace gravel	100	2.0/ NA			
25				1.1/ NA			
26							
27							
28					End of boring at 28'		


* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

		Project Number: JO1122.380	Date Drilled: 9/25/2014				
		Client Name: Citizens Energy Group	Personnel: M.Cooper				
		Project Name: Prospect - Interim Measure	Driller: EFS				
		Drilling Method: Geoprobe	Driller License: NA				
		Site Address: Indianapolis, Indiana	GW Sample Method: NA				
GSSB-129	UTM Northing*: 1641732.52	UTM Easting*: 201751.72					
	Boring Location: Interim Measure Area	Surface Elevation*: 745.21					
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0		Brown, coarse grained, loose, well graded, damp	40	2.1/ NA			Soil sample GSSB-129 (4-6') collected at 1010 and submitted for laboratory analysis. Groundwater (4.5-11'). 6" of product observed at 4.5'
1		SANDY GRAVEL					
2		Brown, medium plasticity, medium stiff, damp	2.8/ NA				
3		SANDY CLAY					
4		Brown, medium grained, poorly graded, damp	36/ NA				
5		SAND		Black, saturated			
6		Black, high plasticity, soft, saturated	34/ NA				
7		CLAY					
8		Dark gray, medium grained, medium dense, poorly graded, saturated	12/ NA				
9		SAND		Coarse grained, loose			
10		Black, coarse grained, loose, well graded, saturated	5.7/ NA				
11		SANDY GRAVEL					
12		Brown, medium plasticity, stiff, damp, trace gravel	6.0/ NA				
13		Gray					
14		SILTY CLAY					
15							
16		1" coarse grained, saturated	9.7/ NA				
17		Gray, low plasticity, stiff, damp, trace gravel					
18		SILTY CLAY	4.4/ NA				
19							
20		Gray, fine grained, dense, poorly graded, saturated					1/2" Black discoloration at 19'. on clay/sand contact.


* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

<div></div> <div>GSSB-129</div>		Project Number: JO1122.380		Date Drilled: 9/25/2014			
		Client Name: Citizens Energy Group		Personnel: M.Cooper			
		Project Name: Prospect - Interim Measure		Driller: EFS			
		Drilling Method: Geoprobe		Driller License: NA			
		Site Address: Indianapolis, Indiana		GW Sample Method: NA			
		UTM Northing*: 1641732.52		UTM Easting*: 201751.72			
		Boring Location: Interim Measure Area		Surface Elevation*: 745.21			
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	SAND		100	2.0/ NA			No odor. Groundwater (19-22')
21							
22	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel	100	1.7/ NA			
23							
24		Brown		2.0/ NA			
25							
26		Gray		2.7/ NA			Soil sample GSSB-129 (26-28') collected at 1040 and submitted for laboratory analysis.
27							End of boring at 28'
28							


* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

		Project Number: JO1122.380	Date Drilled: 9/25/2014				
		Client Name: Citizens Energy Group	Personnel: M.Cooper				
		Project Name: Prospect - Interim Measure	Driller: EFS				
		Drilling Method: Geoprobe	Driller License: NA				
		Site Address: Indianapolis, Indiana	GW Sample Method: NA				
GSSB-130	UTM Northing*: 1641718.57	UTM Easting*: 201740.24					
	Boring Location: Interim Measure Area	Surface Elevation*: 745.39					
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	SANDY CLAY	Dark brown, low plasticity, medium stiff, damp	75	0.0/ NA			Groundwater (5-10')
1				0.9/ NA			
2							
3							
4		Soft, moist	60	8.7/ NA			Soil sample GSSB-130 (8-10') collected at 1115 and submitted for laboratory analysis.
5	CLAYEY SAND	Black, medium grained, loose, well graded, saturated, trace gravel					
6							
7							
8			65	11/ NA			Soil sample GSSB-130 (10-12') collected at 1125 and submitted for laboratory analysis.
9							
10	SILTY CLAY	Gray, low plasticity, stiff, moist		2.7/ NA			
11							
12							
13							
14		Stiff, damp	100	2.6/ NA			
15							
16			100	2.4/ NA			
17							
18		Moist, trace sand					
19		Damp, no sand		2.4/ NA			
20							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.


		Project Number: JO1122.380	Date Drilled: 9/25/2014				
		Client Name: Citizens Energy Group	Personnel: M.Cooper				
		Project Name: Prospect - Interim Measure	Driller: EFS				
		Drilling Method: Geoprobe	Driller License: NA				
GSSB-130		Site Address: Indianapolis, Indiana	GW Sample Method: NA				
		UTM Northing*: 1641718.57	UTM Easting*: 201740.24				
		Boring Location: Interim Measure Area	Surface Elevation*: 745.39				
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	SILTY CLAY		100	1.1/ NA			Soil sample GSSB-130 (26-28') collected at 1140 and submitted for laboratory analysis. End of boring at 28'
21							
22							
23		Moist, trace sand	0.9/ NA				
24		Damp, no sand					
25	SANDY CLAY	Brown, low plasticity, stiff, damp	100	0.7/ NA			
26							
27				0.8/ NA			
28							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.


		Project Number: JO1122.380	Date Drilled: 9/25/2014
		Client Name: Citizens Energy Group	Personnel: M.Cooper
		Project Name: Prospect - Interim Measure	Driller: EFS
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, Indiana	GW Sample Method: NA
GSSB-131	UTM Northing*: 1641757.71	UTM Easting*: 201783.17	
	Boring Location: Interim Measure Area	Surface Elevation*: 744.85	

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	NO RECOVERY		0	NA/ NA			Air knife (0-4.5')
1				NA/ NA			
2				NA/ NA			
3	FILL MATERIAL	Some clay, sand, and gravel	20	273/ NA			Brick fragments (4.5-7.5')
4				290/ NA			
5				290/ NA			
6	CLAYEY SAND	Black, fine grained, medium dense, wet	25	164/ NA			Some yellowish brown product visible on bottom of liner (8') Brown wood fragments (8-10')
7				164/ NA			
8				164/ NA			
9	STONE	Crushed, light gray	25	24/ NA			
10				24/ NA			
11				24/ NA			
12	SILTY CLAY	Gray, low plasticity, very stiff, dry, trace gravel	80	26/ NA			Soil sample GSSB-131 (12-14') collected at 1200 and submitted for laboratory analysis.
13				26/ NA			
14				26/ NA			
15				22/ NA			End of boring at 16'
16				22/ NA			


* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

		Project Number: JO1122.380	Date Drilled: 9/24/2014				
		Client Name: Citizens Energy Group	Personnel: M.Cooper				
		Project Name: Prospect - Interim Measure	Driller: EFS				
		Drilling Method: Geoprobe	Driller License: NA				
		Site Address: Indianapolis, Indiana	GW Sample Method: NA				
GSSB-132	UTM Northing*: 1641751.28	UTM Easting*: 201782.24					
	Boring Location: Interim Measure Area	Surface Elevation*: 744.60					
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	NO RECOVERY		0	NA/ NA			Air knife (0-4')
1							
2							
3				NA/ NA			
4	CLAY	Brown, medium plasticity, soft, damp	10	1.0/ NA			Groundwater (10-12')
5							
6							
7			1.2/ NA				
8	SILTY CLAY	Gray, medium plasticity, soft, moist	25	6.6/ NA			
9	SANDY GRAVEL	Black, saturated					
10	SILTY CLAY	Gray, medium plasticity, soft, moist					
11	CLAYEY SAND	Black, fine grained, medium dense, saturated		7.0/ NA			
12	SILTY CLAY	Gray, medium plasticity, very stiff, dry, trace sand and gravel	100	21/ NA			
13							
14				77/ NA			
15							
16							
17			100	79/ NA			
18							
19				24/ NA			
20							End of boring at 20'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.


		Project Number: JO1122.380	Date Drilled: 9/24/2014				
		Client Name: Citizens Energy Group	Personnel: M.Cooper				
		Project Name: Prospect - Interim Measure	Driller: EFS				
		Drilling Method: Geoprobe	Driller License: NA				
		Site Address: Indianapolis, Indiana	GW Sample Method: NA				
GSSB-133	UTM Northing*: 1641763.85	UTM Easting*: 201794.87					
	Boring Location: Interim Measure Area	Surface Elevation*: 744.61					
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	NO RECOVERY		0	NA/ NA			Air knife (0-4')
1							
2							
3	FILL MATERIAL	Some sand, gravel, and clay	10	NA/ NA			Coal (4-8')
4							
5							
6	CLAYEY SAND	Dark gray, fine grained, medium dense, wet	100	355/ NA			Drilled a second hole to retrieve a sample (8-10'): soil core was coated in yellowish brown product.
7							
8							
9	NO RECOVERY		0	NA/ NA			
10							
11							
12	CLAYEY SAND CLAY	Black, fine grained, medium dense, wet	100	20/ NA			Coal fragments (12')
13		Black, soft, saturated					
14		Gray, low plasticity, stiff, damp, trace sand and gravel					
15	SILTY CLAY	Very stiff, dry	100	22/ NA			Groundwater (12.25-13.25')
16							
17							
18		Brown	100	16/ NA			Soil sample GSSB-133 (18-20') collected at 1545 and submitted for laboratory analysis.
19							
20							
				14/ NA			End of boring at 20'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.










		Project Number: JO0308.380	Date Drilled: 9/25/2014
		Client Name: Citizens Energy Group	Personnel: M.Cooper
		Project Name: Prospect - Oxide Box	Driller: EFS
		Drilling Method: Geoprobe	Driller License: NA
		Site Address: Indianapolis, Indiana	GW Sample Method: NA
GSSB-144	UTM Northing*: NA	UTM Easting*: NA	
	Boring Location: Oxide Box Area	Surface Elevation*: 746.05	

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	Some clay, sand, and gravel	60	5.3/ NA			Coal (0-3')
1				6.1/ NA			
2							
3	SANDY CLAY	Dark gray, medium plasticity, soft, moist	50	4.9/ NA			Soil sample GSSB-144 (6-8') collected at 1525
4				4.3/ NA			
5	CLAYEY SAND	Brown, fine grained, medium dense, poorly graded, moist					
6	GRAVELLY SAND	Brown, coarse grained, loose, well graded, damp	30	3.5/ NA			Groundwater (8-12')
7				3.3/ NA			
8		Saturated					
9	SAND	Gray, medium grained, dense, poorly graded, saturated	70	2.4/ NA			
10				2.1/ NA			
11				1.7/ NA			
12	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel	100	1.6/ NA			Soil sample GSSB-144 (18-20') collected at 1540
13							
14							
15							
16							
17							
18							
19							
20							End of boring at 20'


* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

<div></div> <div>GSSB-145</div>		Project Number: JO0308.380	Date Drilled: 9/25/2014				
		Client Name: Citizens Energy Group	Personnel: M.Cooper				
		Project Name: Prospect - Oxide Box	Driller: EFS				
		Drilling Method: Geoprobe	Driller License: NA				
		Site Address: Indianapolis, Indiana	GW Sample Method: NA				
		UTM Northing*: 1642013.40	UTM Easting*: 202067.11				
		Boring Location: Oxide Box Area	Surface Elevation*: 746.29				
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	Some clay, sand, and gravel	40	4.5/ NA			Coal (0-3.5')
1							Brown wood chips (2')
2				2.8/ NA			
3	SANDY CLAY	Black, medium plasticity, medium stiff, moist	90	7.1/ NA			Soil sample GSSB-145 (6-8') collected at 1640, Duplicate GSSB-D2 collected
4				7.5/ NA			
5							
6	SAND	Black, medium grained, dense, poorly graded, saturated	50	1.9/ NA			Groundwater (8.5-11')
7				1.3/ NA			
8							
9	GRAVELLY SAND	Brown, coarse grained, loose, well graded, saturated	90	1.1/ NA			
10				0.7/ NA			
11							
12	SAND	Brown, medium grained, dense, poorly graded, saturated	100	0.7/ NA			Soil sample GSSB-145 (18-20') collected at 1820, MS/MSD collected
13				0.6/ NA			
14							
15	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel	90	1.1/ NA			
16				0.7/ NA			
17							
18			100	0.7/ NA			Soil sample GSSB-145 (18-20') collected at 1820, MS/MSD collected
19				0.6/ NA			
20							End of boring at 20'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.


		Project Number: JO1122.380	Date Drilled: 10/7/2014				
		Client Name: Citizens Energy Group	Personnel: C.Rochowiak				
		Project Name: Prospect - Interim Measure	Driller: EFS				
		Drilling Method: Geoprobe	Driller License: NA				
		Site Address: Indianapolis, Indiana	GW Sample Method: NA				
GSSB-146	UTM Northing*: 1641794.79	UTM Easting*: 201761.05					
	Boring Location: Interim Measure Area	Surface Elevation*: 745.45					
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0							Air knife (0-5')
1				NA/ NA			
2			0				
3	NO RECOVERY			NA/ NA			
4							
5		SANDY SILT	Black, non-plastic, soft, wet		5.6/ NA		Odor (5-9')
6		SANDY CLAY	Black, low plasticity, soft, saturated	10			Groundwater (6-9')
7			Dark gray, coarse grained, loose, well graded, saturated, some gravel		12.7/ NA		
8		SAND					
9			Gray, low plasticity, stiff, damp		0.0/ NA		
10				70			
11		SILTY CLAY	Brown		0.1/ NA		
12			Black, coarse grained, loose, well graded, moist				
13		GRAVELLY SAND			0.0/ NA		
14			Brown-orange				
15		SILTY CLAY	Gray, low plasticity, stiff, damp	100			Soil sample GSSB-146 (14-16') collected at 1100 and submitted for laboratory analysis.
16		SANDY CLAY	Gray, low plasticity, stiff, damp		0.0/ NA		End of boring at 16'

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	Project Number: JO1122.380	Date Drilled: 10/7/2014
	Client Name: Citizens Energy Group	Personnel: C.Rochowiak
	Project Name: Prospect - Interim Measure	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: Indianapolis, Indiana	GW Sample Method: NA
GSSB-147	UTM Northing*: 1641775.79	UTM Easting*: 201747.67
	Boring Location: Interim Measure Area	Surface Elevation*: 745.83

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	NO RECOVERY		0	NA/ NA			Air knife (0-5')
1				NA/ NA			
2				NA/ NA			
3				NA/ NA			
4	SANDY SILT	Black, non-plastic, soft, wet	80	32.6/ 56.2			Odor (5-9')
5				1,050/ 16.5			Sheen (7-8')
6	SANDY CLAY	Black, medium plasticity, soft, saturated	10	4.06/ 13.09			Groundwater (7-13')
7	GRAVELLY SAND	Gray-brown, coarse grained, loose, well graded, saturated		4.02/ 11.54			
8	SANDY CLAY	Gray, low plasticity, stiff, wet, some gravel		4.00/ 11.62			
9	GRAVELLY SAND	Black, coarse grained, loose, well graded, saturated		3.58/ 10.82			
10	SANDY CLAY	Brown, low plasticity, stiff, moist	30	3.42/ 5.05			
11	SILTY SAND	Dark gray, fine grained, very dense, poorly graded, wet		3.16/ 5.12			
12	SANDY CLAY	Gray, low plasticity, stiff, wet	100				Soil sample GSSB-147 (15-17') collected at 1215 and submitted for laboratory analysis.
13	SILTY CLAY	Dark gray, fine grained, very dense, poorly graded, wet					
14	SANDY CLAY	Brown, low plasticity, stiff, dry					
15	SILTY SAND						
16	SANDY CLAY		100				
17	SILTY CLAY						
18	SANDY CLAY		100				
19	SILTY CLAY						
20	SANDY CLAY						Gravel (18.5-19')


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<div></div> <div>GSSB-147</div>		Project Number: JO1122.380		Date Drilled: 10/7/2014			
		Client Name: Citizens Energy Group		Personnel: C.Rochowiak			
		Project Name: Prospect - Interim Measure		Driller: EFS			
		Drilling Method: Geoprobe		Driller License: NA			
		Site Address: Indianapolis, Indiana		GW Sample Method: NA			
		UTM Northing*: 1641775.79		UTM Easting*: 201747.67			
		Boring Location: Interim Measure Area		Surface Elevation*: 745.83			
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	SILTY CLAY		100	3.26/ 5.14			Soil sample GSSB-147 (26-28') collected at 1230 and submitted for laboratory analysis. End of boring at 28'
21				3.48/ 5.21			
22			100	3.61/ 5.81			
23				3.61/ 5.01			
24			100	3.61/ 5.81			
25				3.61/ 5.01			
26			100	3.61/ 5.01			
27				3.61/ 5.01			
28							


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		Project Number: JO1122.380		Date Drilled: 10/7/2014			
		Client Name: Citizens Energy Group		Personnel: C.Rochowiak			
		Project Name: Prospect - Interim Measure		Driller: EFS			
		Drilling Method: Geoprobe		Driller License: NA			
		Site Address: Indianapolis, Indiana		GW Sample Method: NA			
GSSB-148		UTM Northing*: 1641771.82		UTM Easting*: 201728.19			
		Boring Location: Interim Measure Area		Surface Elevation*: 746.45			
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	NO RECOVERY		0	NA/ NA			Air knife (0-5')
1				NA/ NA			
2			0	NA/ NA			
3				NA/ NA			
4	GRAVELLY SAND	Black, coarse grained, loose, well graded, wet, some gravel	60	NA/ NA			Soil sample GSSB-148 (8-10') collected at 1530 and submitted for laboratory analysis. Sheen (8-10') Odor (8-15') Groundwater (9-15')
5				NA/ NA			
6			80	8.3/ 9.02			
7				0.8/ 3.85			
8	SILTY SAND	Black, coarse grained, loose, well graded, wet, some gravel	100	0.0/ 3.52			Soil sample GSSB-148 (18-20') collected at 1540 and submitted for laboratory analysis. End of boring at 20'
9				0.0/ 2.34			
10			100	0.0/ 2.65			
11				0.0/ 2.63			
12	SILTY CLAY	Brown, fine grained, very dense, poorly graded, damp	100	0.0/ 2.63			
13				0.0/ 2.63			
14			100	0.0/ 2.63			
15				0.0/ 2.63			
16	SILTY CLAY	Dark gray, low plasticity, stiff, damp	100	0.0/ 2.63			
17				0.0/ 2.63			
18			100	0.0/ 2.63			
19				0.0/ 2.63			
20	SILTY CLAY	Dark brown	100	0.0/ 2.63			
21				0.0/ 2.63			
22			100	0.0/ 2.63			
23				0.0/ 2.63			


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		Project Number: JO1122.380		Date Drilled: 10/8/2014			
		Client Name: Citizens Energy Group		Personnel: C.Rochowiak			
		Project Name: Prospect - Interim Measure		Driller: EFS			
		Drilling Method: Geoprobe		Driller License: NA			
		Site Address: Indianapolis, Indiana		GW Sample Method: NA			
GSSB-149		UTM Northing*: 1641702.88		UTM Easting*: 201699.70			
		Boring Location: Interim Measure Area		Surface Elevation*: 745.69			
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	SILTY SAND	Black, fine grained, medium dense, poorly graded, wet	0	NA/ NA			Air knife (0-4')
1				NA/ NA			Odor (4-7.5')
2				101/ 72.32			
3				83.6/ 104			Groundwater (8.5-12')
4	GRAVELLY SAND	Black, fine grained, medium dense, well graded, wet	40	82.4/ 80.4			
5							
6	SANDY SILT	Black, non-plastic, stiff, wet	60	70.53/ 9.81			End of boring at 20'
7							
8	SANDY GRAVEL	Dark gray, saturated	40	70.53/ 18.93			
9							
10	CLAYEY SAND	Gray, coarse grained, medium dense, well graded, saturated	100				
11							
12	SILTY CLAY	Brown-orange, medium grained, medium dense, well graded, saturated, some gravel	100				
13							
14	CLAYEY SILT	Brown, low plasticity, stiff, damp, few gravel	100				
15							
16	SILTY SAND	Gray	100				
17							
18	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp, some gravel	100				
19							
20	SANDY SILT	Gray-brown, fine grained, medium dense, well graded, saturated	100				
21							
22	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
23							
24	SANDY SILT	Gray-brown, non-plastic, stiff, damp	100				
25							
26	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
27							
28	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
29							
30	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
31							
32	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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34	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
35							
36	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
37							
38	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
39							
40	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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42	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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44	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
45							
46	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
47							
48	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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50	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
51							
52	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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54	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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56	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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58	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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60	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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62	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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64	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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66	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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68	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
69							
70	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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72	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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74	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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76	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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78	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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80	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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96	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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98	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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100	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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102	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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104	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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106	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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108	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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110	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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112	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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114	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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116	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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118	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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150	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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154	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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158	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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164	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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170	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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172	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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174	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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182	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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206	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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214	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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226	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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234	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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236	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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238	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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242	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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244	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
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246	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
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248	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
249							
250	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	100				
251							
252	SANDY SILT	Gray-brown, low plasticity, stiff, damp	100				
253							
254	CLAYEY SILT	Gray-brown, low plasticity, stiff, damp	1				


* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

		Project Number: JO1122.380		Date Drilled: 10/8/2014				
		Client Name: Citizens Energy Group		Personnel: C.Rochowiak				
		Project Name: Prospect - Interim Measure		Driller: EFS				
		Drilling Method: Geoprobe		Driller License: NA				
		Site Address: Indianapolis, Indiana		GW Sample Method: NA				
GSSB-150		UTM Northing*: 1641689.24		UTM Easting*: 201725.38				
		Boring Location: Interim Measure Area		Surface Elevation*: 745.54				
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments	
0	SANDY SILT	Dark brown, non-plastic, soft, damp, some gravel	75	2.83/ 0.02			Odor (1-5') Coke fragments (2-4')	
1		SILTY SAND		Dark brown, medium grained, medium dense, well graded, damp, some gravel				10.56/ 6.84
2	Black, dense							
3	SANDY CLAY	Black, medium plasticity, soft, damp, some gravel	75	12.00/ 1.1			Soil sample GSSB-150 (5-7') collected at 1200 and submitted for laboratory analysis.	
4		SILTY CLAY		Light brown, medium plasticity, soft, damp				23.69/ 33.32
5	SANDY CLAY	Black, medium plasticity, soft, moist, few gravel						
6	CLAYEY SAND	Dark gray, coarse grained, medium dense, well graded, saturated, some gravel	25	18.94/ 56.64			Groundwater (7-12')	
7								9.42/ 4.84
8								
9	SANDY CLAY	Dark gray, medium plasticity, medium stiff, moist, some gravel	60	10.39/ 4.36			Soil sample GSSB-150 (14-16') collected 1140 and submitted for laboratory analysis.	
10	GRAVELLY SAND	Black, medium grained, medium dense, well graded, wet		13.94/ 11.42				
11		SILTY CLAY						Brown, low plasticity, stiff, damp
12							End of boring at 16'	


* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

		Project Number: JO1122.380		Date Drilled: 10/8/2014			
		Client Name: Citizens Energy Group		Personnel: C.Rochowiak			
		Project Name: Prospect - Interim Measure		Driller: EFS			
		Drilling Method: Geoprobe		Driller License: NA			
		Site Address: Indianapolis, Indiana		GW Sample Method: NA			
GSSB-151		UTM Northing*: 1641666.93		UTM Easting*: 201701.54			
		Boring Location: Interim Measure Area		Surface Elevation*: 745.65			
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	NO RECOVERY		0	NA/ NA			Air knife (0-4')
1				NA/ NA			
2				NA/ NA			
3	GRAVELLY SILT	Dark brown, non-plastic, soft, moist	20	175/ 440			Soil sample GSSB-151 (4-6') collected at 1315 and submitted for laboratory analysis. Odor (4-6')
4							
5	SILTY SAND	Black, fine grained, medium dense, poorly graded, wet, trace gravel	60	74.5/ 249			Groundwater (8-11')
6							
7	GRAVELLY SAND	Dark gray, medium grained, loose, well graded, saturated	80	22.9/ 42.4			Soil sample GSSB-151 (14-16') collected at 1330 and submitted for laboratory analysis. End of boring at 16'
8							
9	SAND	Gray, medium grained, medium dense, poorly graded, wet		13.9/ 12.6			
10							
11	SILTY CLAY	Gray-brown, low plasticity, stiff, damp, some gravel		17.8/ 21.1			
12							
13	SAND	Gray, medium grained, medium dense, poorly graded, wet		7.5/ 6.6			
14							
15	SILTY CLAY	Brown					
16							


* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

<div></div> <div>GSSB-152</div>		Project Number: JO1122.380	Date Drilled: 10/8/2014				
		Client Name: Citizens Energy Group	Personnel: C.Rochowiak				
		Project Name: Prospect - Interim Measure	Driller: EFS				
		Drilling Method: Geoprobe	Driller License: NA				
		Site Address: Indianapolis, Indiana	GW Sample Method: 1" Temporary Piezomter				
		UTM Northing*: 1641771.83	UTM Easting*: 201768.14				
		Boring Location: Interim Measure Area	Surface Elevation*: 745.61				
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	NO RECOVERY		0	NA/ NA			Air knife (0-5')
1				NA/ NA			
2							
3	SANDY SILT	Gray-brown, non-plastic, soft, wet	20	5.8/ NA			Odor (5-8')
4		Black		1.8/ NA			
5							
6	SANDY GRAVEL	Dark gray, medium grained, loose, well graded, wet	50	0.3/ NA			Groundwater (9-11')
7		Saturated		0.3/ NA			
8	SANDY CLAY	Brown-orange, low plasticity, stiff, moist	80	0.1/ NA			
9		Gray, very stiff, damp, few gravel		0.1/ NA			
10	SILTY CLAY	Gray, low plasticity, very stiff, damp, some gravel	100	0.1/ NA			
11				0.0/ NA			
12			Dark brown				
13	SILTY SAND	Gray, fine grained, dense, poorly graded, damp					
14							
15							
16							
17							
18							
19							
20							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.


<div></div> <div>GSSB-152</div>		Project Number: JO1122.380		Date Drilled: 10/8/2014			
		Client Name: Citizens Energy Group		Personnel: C.Rochowiak			
		Project Name: Prospect - Interim Measure		Driller: EFS			
		Drilling Method: Geoprobe		Driller License: NA			
		Site Address: Indianapolis, Indiana		GW Sample Method: 1" Temporary Piezomter			
		UTM Northing*: 1641771.83		UTM Easting*: 201768.14			
Boring Location: Interim Measure Area		Surface Elevation*: 745.61					
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	SILTY CLAY	Gray, low plasticity, stiff, damp, few gravel	100	0.0/ NA			Soil sample GSSB-152 (20-22') collected at 1520 and submitted for laboratory analysis.
21		Light brown					
22							
23		Brown	100	0.1/ NA			
24							
25		Gray-brown		0.1/ NA			
26			100	0.1/ NA			
27		Gray		0.1/ NA			
28		Brown					
29		Gray	100	0.1/ NA			
30		0.1/ NA					
31	Dark gray						
32						End of boring at 32'	

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.


	Project Number: JO1122.380	Date Drilled: 10/8/2014
	Client Name: Citizens Energy Group	Personnel: C.Rochowiak
	Project Name: Prospect - Interim Measure	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
GSSB-153	Site Address: Indianapolis, Indiana	GW Sample Method: 1" Temporary Piezometer
	UTM Northing*: 1641746.40	UTM Easting*: 201760.74
	Boring Location: Interim Measure Area	Surface Elevation*: 745.33

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments	
0	NO RECOVERY		0	NA/ NA			Air knife (0-4')	
1				NA/ NA				
2				NA/ NA				
3	SILTY SAND	Dark brown, fine grained, medium dense, well graded, wet	10	0.4/ NA			Odor (4-8')	
4		Black, medium grained, saturated, some gravel		5.7/ NA			Groundwater (6-9')	
5								
6	SANDY CLAY	Brown, low plasticity, stiff, damp, few gravel	30	1.3/ NA			Groundwater sample GSSB-153 (15-20') collected at 1640 and submitted for laboratory analysis.	
7		Dark gray		1.0/ NA				
8								
9	SANDY SILT	Dark gray, non-plastic, very stiff, damp	60	0.6/ NA				
10				0.5/ NA				
11								
12	SILTY CLAY	Dark brown, low plasticity, stiff, damp, few gravel	100	0.3/ NA				
13								
14								
15	SANDY SILT	Dark brown, non-plastic, very stiff, moist	100	0.3/ NA				
16	SILTY SAND	Dark brown, fine grained, medium dense, poorly graded, saturated						
17	SILTY CLAY	Gray-brown, medium plasticity, medium stiff, moist						
18								
19								
20								


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<div></div> <div>GSSB-153</div>		Project Number: JO1122.380	Date Drilled: 10/8/2014				
		Client Name: Citizens Energy Group	Personnel: C.Rochowiak				
		Project Name: Prospect - Interim Measure	Driller: EFS				
		Drilling Method: Geoprobe	Driller License: NA				
		Site Address: Indianapolis, Indiana	GW Sample Method: 1" Temporary Piezomter				
		UTM Northing*: 1641746.40	UTM Easting*: 201760.74				
		Boring Location: Interim Measure Area	Surface Elevation*: 745.33				
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	SILTY CLAY		100	0.2/ NA		<div></div>	Soil sample GSSB-153 (20-22') collected at 1640 and submitted for laboratory analysis.
21		Brown, stiff, damp					
22							
23		Trace gravel		0.2/ NA			
24							End of boring at 24'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.


		Project Number: JO1122.380	Date Drilled: 10/8/2014				
		Client Name: Citizens Energy Group	Personnel: C.Rochowiak				
		Project Name: Prospect - Interim Measure	Driller: EFS				
		Drilling Method: Geoprobe	Driller License: NA				
		Site Address: Indianapolis, Indiana	GW Sample Method: NA				
GSSB-154	UTM Northing*: 1641759.96	UTM Easting*: 201702.13					
	Boring Location: Interim Measure Area	Surface Elevation*: 745.54					
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	NO RECOVERY		0	NA/ NA			Air knife (0-4')
1				NA/ NA			Odor (5-8.5')
2				NA/ NA			
3	SANDY SILT	Black, non-plastic, soft, moist, few gravel	10	17.5/ NA			Groundwater (8.5-13')
4				33.5/ NA			
5		Wet					
6	SILTY SAND	Saturated, some gravel	50	12.8/ NA			
7		Dark gray, medium grained, medium dense, well graded, wet, few gravel		1.7/ NA			
8							
9	GRAVELLY SAND	Brown-orange, coarse grained, loose, well graded, saturated, with gravel	60	1.2/ NA			
10				0.9/ NA			
11							
12	SANDY CLAY	Brown-orange, low plasticity, medium stiff, moist	100	0.2/ NA			
13				0.2/ NA			
14							
15	SILTY CLAY	Gray, low plasticity, stiff, damp	100	0.2/ NA			
16		Gray, medium grained, medium dense, well graded, moist, some gravel		0.2/ NA			
17							
18	SILTY CLAY	Gray, low plasticity, stiff, damp	100	0.2/ NA			End of boring at 20'
19							
20							

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	Project Number: JO1122.380	Date Drilled: 10/9/2014					
	Client Name: Citizens Energy Group	Personnel: C.Rochowiak					
	Project Name: Prospect - Interim Measure	Driller: EFS					
	Drilling Method: Geoprobe	Driller License: NA					
	Site Address: Indianapolis, Indiana	GW Sample Method: NA					
GSSB-155	UTM Northing*: 1641741.30	UTM Easting*: 201665.62					
	Boring Location: Interim Measure Area	Surface Elevation*: 745.96					
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments

0							Air knife (0-6')
1				NA/ NA			
2			0				
3	NO RECOVERY			NA/ NA			
4							
5			0	NA/ NA			
6		Black, medium plasticity, soft, damp, trace gravel					
7	SANDY CLAY	Some gravel	40	10.8/ 20.2			Soil sample GSSB-155 (6-8') collected at 0935 and submitted for laboratory analysis. Coke fragments(6-8')
8		Wet					Odor (6-10')
9		Black, coarse grained, medium dense, well graded, saturated		10.4/ 20.1			Wood fragments (8-10')
10	GRAVELLY SAND		20				Groundwater (9-13'). Sheen evident.
11		Dark gray		14.2/ 19.4			
12							
13		Brown, medium plasticity, medium-stiff, moist, trace gravel		3.3/ 3.4			
14	SANDY CLAY		30				
15		Gray, low plasticity, stiff, damp		3.3/ 3.4			Soil sample GSSB-155 (14-16') collected at 0950 and submitted for laboratory analysis.
16							
17	GRAVELLY SAND	Gray, coarse grained, medium dense, well graded, damp		4.1/ 4.5			
18	SAND	Gray, fine grained, very dense, poorly graded, damp	60				
19				4.3/ 2.9			
20	SILTY CLAY	Gray, low plasticity, stiff, damp, trace gravel					End of boring at 20'


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		Project Number: JO1122.380	Date Drilled: 10/9/2014				
		Client Name: Citizens Energy Group	Personnel: C.Rochowiak				
		Project Name: Prospect - Interim Measure	Driller: EFS				
		Drilling Method: Geoprobe	Driller License: NA				
		Site Address: Indianapolis, Indiana	GW Sample Method: NA				
GSSB-156	UTM Northing*: 1641731.99	UTM Easting*: 201686.01					
	Boring Location: Interim Measure Area	Surface Elevation*: 745.54					
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	NO RECOVERY		0	NA/ NA			Air knife (0-4')
1				NA/ NA			
2							
3	SANDY SILT	Dark gray, low plasticity, soft, moist, trace gravel	20	75.3/ 35.3			Odor and sheen (4-8')
4							
5		Black, wet		99.5/ 105.4			Soil sample GSSB-156 (5-7') collected at 1035 and submitted for laboratory analysis.
6	GRAVELLY SAND	Black, coarse grained, loose, well graded, saturated			Groundwater (7-12')		
7	SAND	Dark gray, medium grained, medium dense, well graded, saturated	20	6.64/ 6.67			
8							
9							
10	GRAVELLY SAND	Gray, medium grained, medium dense, well graded, saturated		7.19/ 8.2			
11		Gray-brown					
12		Brown-orange					
13	SANDY CLAY	Brown-orange, low plasticity, stiff, moist	80	6.79/ 6.42			
14	SANDY SILT	Gray, low plasticity, medium stiff, damp					
15	SILTY CLAY	Gray, low plasticity, stiff, damp		4.84/ 4.41			
16							
17				50	4.42/ 3.52		
18					4.42/ 3.54		
19							
20							End of boring at 20'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

		Project Number: JP0452.380	Date Drilled: 3/23/2015				
		Client Name: Citizens Energy Group	Personnel: C.Gomez				
		Project Name: Gas Supply FSI	Driller: EFS				
		Drilling Method: Geoprobe	Driller License: NA				
		Site Address: 2950 Prospect Street	GW Sample Method: NA				
GSSB-167	UTM Northing*: 1641782.79	UTM Easting*: 201846.57					
	Boring Location: Near PRC	Surface Elevation*: 738.97					
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	SANDY CLAY	Dark brown, low plasticity, soft, moist	100	4.94/ 11.92			Hand auger (0-4')
1				4.50/ 11.39			
2							
3	SANDY GRAVEL	Black, medium grained, loose, well graded, rounded, saturated	100	58.46/ 66.93			Black staining and odor at 4'
4							
5	SILTY CLAY	Grayish brown, low plasticity, stiff, damp	100	4.85/ 98.03			Soil sample collected (4-6') at 1150 for laboratory analysis
6							
7			100	3.46/ 23.79			
8							
9			100	3.86/ 23.85			
10							
11			100	4.34/ 48.52			
12							
13							
14							
15							
16							
Soil sample collected (14-16') at 1200 for laboratory analysis, DUP-1 collected.							
End of boring at 16'							


* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

		Project Number: JP0452.380		Date Drilled: 3/23/2015			
		Client Name: Citizens Energy Group		Personnel: C.Gomez			
		Project Name: Gas Supply FSI		Driller: EFS			
		Drilling Method: Geoprobe		Driller License: NA			
		Site Address: 2950 Prospect Street		GW Sample Method: NA			
GSSB-168		UTM Northing*: 1641789.54		UTM Easting*: 201789.90			
		Boring Location: IM Area		Surface Elevation*: 745.72			
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	(Gravelly clay, low plasticity, soft, moist)	50	8.81/ 8.65			FID ambient air reading approximately 9.0 ppm
1							Brick fragments at 2'
2							
3							
4	SANDY CLAY	(Wood chips, blue staining)	100	4.91/ 11.25			Soil sample collected (8-10') at 1348 for laboratory analysis
5		(Gravelly clay, low plasticity, soft, moist)					
6		Gray, medium plasticity, soft, moist, trace gravel					
7							
8							
9		Increasing sand, black staining, wet					
10			90	3.49/ 46.59			Odor evident at 10'
11				3.65/ 14.81			
12	SAND		80	3.01/ 60.13			
13							
14		Blackish gray, fine grained, loose, well graded, saturated, trace gravel		4.24/ 21.56			
15	SILTY CLAY						
16		Gray, low plasticity, stiff, damp		4.01/ 8.01			
17							
18			80	1.97/ 8.52			Soil sample collected (18-20') at 1345 for laboratory analysis, MS/MSD collected.
19							
20							

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	Project Number: JP0452.380	Date Drilled: 3/23/2015
	Client Name: Citizens Energy Group	Personnel: C.Gomez
	Project Name: Gas Supply FSI	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
GSSB-168	Site Address: 2950 Prospect Street	GW Sample Method: NA
	UTM Northing*: 1641789.54	UTM Easting*: 201789.90
	Boring Location: IM Area	Surface Elevation*: 745.72

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
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20	 SILTY CLAY	100	20.00/ 8.31			End of boring at 24'
21						
22						
23			1.60/ 12.23			
24						


End of boring at 24'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.


		Project Number: JP0452.380		Date Drilled: 3/23/2015			
		Client Name: Citizens Energy Group		Personnel: C.Gomez			
		Project Name: Gas Supply FSI		Driller: EFS			
		Drilling Method: Geoprobe		Driller License: NA			
		Site Address: 2950 Prospect Street		GW Sample Method: NA			
GSSB-169		UTM Northing*: 1641804.05		UTM Easting*: 201803.70			
		Boring Location: IM Area		Surface Elevation*: 745.91			
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	(Clayey gravel, dark brown, medium grained, loose, well graded, moist)	50	1.70/ 10.70			FID ambient air reading approximately 8.0 ppm
1				2.40/ 10.00			
2							
3	SILTY CLAY	Black, low plasticity, soft, moist, trace sand	50	9.70/ 13.02			Odor evident at 5'
4							
5							
6	SANDY GRAVEL	Black, medium grained, loose, well graded, rounded, saturated	75	3.10/ 14.27			Soil sample collected (6-8') at 1455 for laboratory analysis
7							
8							
9	SILTY CLAY	Light brown, low plasticity, very stiff, damp	100	2.60/ 12.81			Sheen and odor at 11'
10				17.20/ 50.12			
11							
12	SANDY GRAVEL	Black, medium grained, loose, well graded, rounded, saturated	75	4.10/ 13.95			Soil sample collected (18-20') at 1435 for laboratory analysis
13							
14							
15	SILTY CLAY	Light brown, low plasticity, very stiff, damp	100	2.50/ 11.01			Soil sample collected (18-20') at 1435 for laboratory analysis
16				1.90/ 20.23			
17							
18	SANDY GRAVEL	Black, medium grained, loose, well graded, rounded, saturated	75	1.80/ 13.26			Soil sample collected (18-20') at 1435 for laboratory analysis
19							
20							
		Trace gravel					

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	Project Number: JP0452.380	Date Drilled: 3/23/2015
	Client Name: Citizens Energy Group	Personnel: C.Gomez
	Project Name: Gas Supply FSI	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
GSSB-169	Site Address: 2950 Prospect Street	GW Sample Method: NA
	UTM Northing*: 1641804.05	UTM Easting*: 201803.70
	Boring Location: IM Area	Surface Elevation*: 745.91



Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20		SILTY CLAY	NA	1.20/9.60			End of boring at 24'
21							
22							
23				1.20/9.63			
24							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

		Project Number: JP0452.380		Date Drilled: 3/23/2015				
		Client Name: Citizens Energy Group		Personnel: C.Gomez				
		Project Name: Gas Supply FSI		Driller: EFS				
		Drilling Method: Geoprobe		Driller License: NA				
		Site Address: 2950 Prospect Street		GW Sample Method: NA				
GSSB-170		UTM Northing*: 1641823.30		UTM Easting*: 201791.27				
		Boring Location: IM Area		Surface Elevation*: 746.45				
Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments	
0	FILL MATERIAL	(Gravelly clay, dark brown, low plasticity, soft, moist)	25	1.60/ 9.14			FID ambient air reading approximately 8.0 ppm	
1								
2								Brick fragments at 2'
3				1.40/ 10.22				
4	SILTY CLAY	Black, low plasticity, soft, wet	50	58.20/ 172			Soil sample collected (4-6') at 1540 for laboratory analysis Odor and sheen at 5'	
5								
6	GRAVELLY SAND	Brownish black, medium grained, loose, well graded, saturated	75	6.80/ 37.00			Odor at 7'	
7								
8	SANDY GRAVEL	Reddish orange, medium grained, loose, well graded, sub-angular, saturated	100	2.70/ 17.14				
9								
10								
11	SILTY CLAY	Grayish black	100	1.70/ 11.74				
12								
13								
14	SANDY GRAVEL	Light brown, low plasticity, very stiff, damp	100	1.70/ 8.73				
15								
16								
17	SILTY CLAY	Trace gravel	100	1.20/ 8.26				
18								
19								
20				1.20/ 6.91				

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number: JP0452.380	Date Drilled: 3/23/2015
	Client Name: Citizens Energy Group	Personnel: C.Gomez
	Project Name: Gas Supply FSI	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
GSSB-170	Site Address: 2950 Prospect Street	GW Sample Method: NA
	UTM Northing*: 1641823.30	UTM Easting*: 201791.27
	Boring Location: IM Area	Surface Elevation*: 746.45

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	 SILTY CLAY		100	1.20/ 6.42			Soil sample collected (22-24') at 1535 for laboratory analysis End of boring at 24'
21							
22							
23				1.10/ 6.48			
24							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



	Project Number: JP0452.380	Date Drilled: 3/24/2015
	Client Name: Citizens Energy Group	Personnel: C.Gomez
	Project Name: Gas Supply FSI	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: 2950 Prospect Street	GW Sample Method: NA
GSSB-171	UTM Northing*: 1641843.45	UTM Easting*: 201786.83
	Boring Location: 3' off fence line	Surface Elevation*: 747.06

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	TOPSOIL	(Silt, black, non-plastic, soft, damp)	25	4.28/ 6.39			Redrilled to 8' below grade to collected (4-8') interval
1				5.32/ 6.85			
2		(Increasing sand)					
3	SANDY CLAY	Black, medium plasticity, medium stiff, moist	0	16.94/ 20.02			Staining and odor evident at 5'
4							
5		Increasing sand, wet		13.86/ 51.63			
6	SANDY GRAVEL	Gray, medium grained, loose, well graded, saturated	30	5.91/ 9.02			Soil sample collected (6-8') at 1110 for laboratory analysis
7				5.50/ 7.64			
8		Orangish brown					
9	SILTY CLAY	Gray, medium plasticity, soft, moist	75	5.86/ 5.13			
10				6.84/ 4.02			
11		Increasing sand, wet, trace gravel					
12		Grayish brown, low plasticity, very stiff, damp	100	7.74/ 4.52			
13		Trace gravel		8.94/ 4.77			

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.







	Project Number: JP0452.380	Date Drilled: 3/24/2015
	Client Name: Citizens Energy Group	Personnel: C.Gomez
	Project Name: Gas Supply FSI	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: 2950 Prospect Street	GW Sample Method: NA
GSSB-171	UTM Northing*: 1641843.45	UTM Easting*: 201786.83
	Boring Location: 3' off fence line	Surface Elevation*: 747.06

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
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20		SILTY CLAY	Brown, moist	100	9.68/ 4.65		Soil sample collected (22-24') at 1100 for laboratory analysis End of boring at 24'
21							
22							
23					21.20/ 11.50		
24							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



	Project Number: JP0452.380	Date Drilled: 3/24/2015
	Client Name: Citizens Energy Group	Personnel: C.Gomez
	Project Name: Gas Supply FSI	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
GSSB-172	Site Address: 2950 Prospect Street	GW Sample Method: NA
	UTM Northing*: 1641838.56	UTM Easting*: 201822.61
	Boring Location: Gas Supply	Surface Elevation*: 746.89

Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0		FILL MATERIAL	(Gravel, sand, and clay, brownish black, low plasticity, soft, loose)	50	10.10/ 14.50			Coal fragments, odor, and black staining (2-4') Soil sample collected (2-4') at 1250 for laboratory analysis
1								
2		SILTY CLAY	Black, low plasticity, medium stiff, damp, trace gravel	60	5.30/ 17.01			
3								
4		CLAYEY SAND	Blackish gray, medium grained, medium dense, well graded, moist, trace gravel	30	1.40/ 10.23			
5								
6		SILTY CLAY	Black, medium plasticity, soft, moist, trace gravel	60	1.10/ 8.30			
7								
8				30	0.80/ 7.10			
9								
10				60	1.40/ 5.80			
11			Increasing sand					
12				60	1.20/ 5.40			
13			Brownish gray, medium stiff, damp					
14				100	1.90/ 7.01			
15								
16				60	1.10/ 6.00			
17								
18				100	1.10/ 7.11			
19								
20								





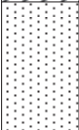




* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number: JP0452.380	Date Drilled: 3/24/2015
	Client Name: Citizens Energy Group	Personnel: C.Gomez
	Project Name: Gas Supply FSI	Driller: EFS
	Drilling Method: Geoprobe	Driller License: NA
	Site Address: 2950 Prospect Street	GW Sample Method: NA
GSSB-172	UTM Northing*: 1641838.56	UTM Easting*: 201822.61
	Boring Location: Gas Supply	Surface Elevation*: 746.89

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
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20		SILTY CLAY	<div>Brown, fine grained, medium dense, damp</div> <div>Brown, low plasticity, stiff, damp, trace gravel</div>	100	1.80/ 6.99		Soil sample collected (22-24') at 1230 for laboratory analysis, DUP-2 collected. End of boring at 24'
21							
22		SAND					
23		SILTY CLAY					
24							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

<div></div> <div>GSSB-173</div>		Project Number: JP0452.380		Date Drilled: 3/24/2015								
		Client Name: Citizens Energy Group		Personnel: C.Gomez								
		Project Name: Gas Supply FSI		Driller: EFS								
		Drilling Method: Geoprobe		Driller License: NA								
		Site Address: 2950 Prospect Street		GW Sample Method: NA								
UTM Northing*: 1641848.27		UTM Easting*: 201851.58										
Boring Location: Gas Supply		Surface Elevation*: 746.62										
Depth (ft.)	Soil Type		Lithology Description		% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments			
		SILTY CLAY	Dark brown, medium plasticity, soft, damp, trace sand	30	1.00/ 10.27			Odor and sheen at 2'				
			Black		25.70/ 12.80					Soil sample collected (2-4') at 1410 for laboratory analysis		
				SAND	Dark gray to black, fine grained, medium dense, poorly graded, damp, trace gravel						50	2.70/ 11.89
										15.30/ 24.09		
		SANDY GRAVEL	Black, medium grained, loose, well graded, saturated, few gravel	50	10.70/ 27.80			Odor at 9'				
					7.10/ 22.40							
		SILTY CLAY	Brown, low plasticity, medium stiff, damp	100	2.20/ 11.01						Soil sample collected (14-16') at 1413 for laboratory analysis	
			Gray, dry, some gravel		1.90/ 11.42							End of boring at 16'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JR0576.359	Date Drilled: 5/10/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
UTM Northing*: 1641401.07	UTM Easting*: 200659.66
Boring Location: GSSB-212	Surface Elevation*: 751.19

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	COKE	Black, medium grained, loose, well graded, damp	85	1.8/ NM			NM = Not measured; FID malfunctioned
1							
2	SILTY CLAY	Dark brown, high plasticity, soft, damp	90	4.9/ NM			Soil sample GSSB-212 (6-8') collected
3							
4		Light brown					
5	SANDY CLAY		100	2.1/ NM			
6							
7	SANDY CLAY	Light brown, low plasticity, medium stiff, moist		2.5/ NM			
8	SANDY SILT	Light brown, non-plastic, stiff, damp	100	1.9/ NM			
9							
10	SILTY SAND	Light brown, medium grained, loose, poorly graded, saturated	5	1.2/ NM			Soil sample GSSB-212 (14-16') collected
11							
12	SILTY CLAY		50	0.4/ NM			
13		Gray, low plasticity, very stiff, damp					
14				0.4/ NM			
15							
16				0.5/ NM			
17				0.6/ NM			
18							
19							
20							End of boring at 20'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.







Project Number: JR0576.359	Date Drilled: 5/10/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
UTM Northing*: 1641468.53	UTM Easting*: 200567.43
Boring Location: GSSB-213/GSMW-37	Surface Elevation*: 753.73

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	(Gravelly sand), black, medium grained, medium dense, well graded, damp	50	0.8/ 0.0			Coke fragments (0-3')
1							NM = Not measured; FID malfunctioned
2							
3	SILTY CLAY	Light brown, high plasticity, medium stiff, moist	80	0.8/ 1.4			
4							
5				1.4/ 1.3			Soil sample GSSB-213 (4-6') collected
6							Well screen set at (4-14')
7	SILTY SAND	Light brown, medium grained, loose, well graded, saturated	100	0.9/ NM			
8							
9	SANDY CLAY	Light brown, medium grained, loose, well graded, saturated		1.6/ NM			
10							
11	SANDY CLAY	Light brown, low plasticity, hard, damp	90	1.2/ NM			
12							
13	SILTY CLAY	Gray, low plasticity, very stiff, damp		0.9 NM			
14		Hard					Soil sample GSSB-213 (14-16') collected
15				0.5/ NM			
16							End of boring at 16'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



GSSB-214	Project Number: JR0576.359	Date Drilled: 5/11/2017
	Client Name: Citizens Energy Group	Personnel: D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: 1641533.62	UTM Easting*: 200498.84
	Boring Location: GSSB-214	Surface Elevation*: 754.89

Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0		COKE	Black, medium grained, loose, well graded, damp	90	0.1/ NM			NM = Not measured; FID malfunctioned
1		CLAYEY SILT	Light brown, non-plastic, stiff, damp					
2		SILTY CLAY	Dark gray, high plasticity, stiff, damp		0.1/ NM			
3			Light brown	0.1/ NM				
4			Low plasticity, soft, moist, trace gravel	90	0.1/ NM			
5					0.3/ NM			
6					85		0.4/ NM	
7	0.2/ NM							
8	SANDY SILT	Light brown, non-plastic, stiff, moist	100	0.3/ NM				
9				Gray, low plasticity, very stiff, damp	0.6/ NM			
10							SAND	100
11	Gray, low plasticity, very stiff, damp	0.3/ NM						
12			SILTY CLAY	100	0.3/ NM			
13	Gray, low plasticity, very stiff, damp	0.3/ NM						
14			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100		0.5/ NM	
15	Gray, low plasticity, very stiff, damp	0.3/ NM						
16			SILTY CLAY	100	0.3/ NM			
17	Gray, low plasticity, very stiff, damp	0.3/ NM						
18			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100		0.5/ NM	
19	Gray, low plasticity, very stiff, damp	0.3/ NM						
20			SILTY CLAY	100	0.3/ NM			
21	Gray, low plasticity, very stiff, damp	0.3/ NM						
22			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
23	Gray, low plasticity, very stiff, damp	0.3/ NM						
24			SILTY CLAY	100	0.3/ NM			
25	Gray, low plasticity, very stiff, damp	0.3/ NM						
26			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
27	Gray, low plasticity, very stiff, damp	0.3/ NM						
28			SILTY CLAY	100	0.3/ NM			
29	Gray, low plasticity, very stiff, damp	0.3/ NM						
30			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
31	Gray, low plasticity, very stiff, damp	0.3/ NM						
32			SILTY CLAY	100	0.3/ NM			
33	Gray, low plasticity, very stiff, damp	0.3/ NM						
34			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
35	Gray, low plasticity, very stiff, damp	0.3/ NM						
36			SILTY CLAY	100	0.3/ NM			
37	Gray, low plasticity, very stiff, damp	0.3/ NM						
38			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
39	Gray, low plasticity, very stiff, damp	0.3/ NM						
40			SILTY CLAY	100	0.3/ NM			
41	Gray, low plasticity, very stiff, damp	0.3/ NM						
42			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
43	Gray, low plasticity, very stiff, damp	0.3/ NM						
44			SILTY CLAY	100	0.3/ NM			
45	Gray, low plasticity, very stiff, damp	0.3/ NM						
46			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
47	Gray, low plasticity, very stiff, damp	0.3/ NM						
48			SILTY CLAY	100	0.3/ NM			
49	Gray, low plasticity, very stiff, damp	0.3/ NM						
50			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
51	Gray, low plasticity, very stiff, damp	0.3/ NM						
52			SILTY CLAY	100	0.3/ NM			
53	Gray, low plasticity, very stiff, damp	0.3/ NM						
54			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
55	Gray, low plasticity, very stiff, damp	0.3/ NM						
56			SILTY CLAY	100	0.3/ NM			
57	Gray, low plasticity, very stiff, damp	0.3/ NM						
58			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
59	Gray, low plasticity, very stiff, damp	0.3/ NM						
60			SILTY CLAY	100	0.3/ NM			
61	Gray, low plasticity, very stiff, damp	0.3/ NM						
62			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
63	Gray, low plasticity, very stiff, damp	0.3/ NM						
64			SILTY CLAY	100	0.3/ NM			
65	Gray, low plasticity, very stiff, damp	0.3/ NM						
66			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
67	Gray, low plasticity, very stiff, damp	0.3/ NM						
68			SILTY CLAY	100	0.3/ NM			
69	Gray, low plasticity, very stiff, damp	0.3/ NM						
70			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
71	Gray, low plasticity, very stiff, damp	0.3/ NM						
72			SILTY CLAY	100	0.3/ NM			
73	Gray, low plasticity, very stiff, damp	0.3/ NM						
74			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
75	Gray, low plasticity, very stiff, damp	0.3/ NM						
76			SILTY CLAY	100	0.3/ NM			
77	Gray, low plasticity, very stiff, damp	0.3/ NM						
78			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
79	Gray, low plasticity, very stiff, damp	0.3/ NM						
80			SILTY CLAY	100	0.3/ NM			
81	Gray, low plasticity, very stiff, damp	0.3/ NM						
82			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
83	Gray, low plasticity, very stiff, damp	0.3/ NM						
84			SILTY CLAY	100	0.3/ NM			
85	Gray, low plasticity, very stiff, damp	0.3/ NM						
86			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
87	Gray, low plasticity, very stiff, damp	0.3/ NM						
88			SILTY CLAY	100	0.3/ NM			
89	Gray, low plasticity, very stiff, damp	0.3/ NM						
90			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
91	Gray, low plasticity, very stiff, damp	0.3/ NM						
92			SILTY CLAY	100	0.3/ NM			
93	Gray, low plasticity, very stiff, damp	0.3/ NM						
94			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
95	Gray, low plasticity, very stiff, damp	0.3/ NM						
96			SILTY CLAY	100	0.3/ NM			
97	Gray, low plasticity, very stiff, damp	0.3/ NM						
98			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
99	Gray, low plasticity, very stiff, damp	0.3/ NM						
100			SILTY CLAY	100	0.3/ NM			
101	Gray, low plasticity, very stiff, damp	0.3/ NM						
102			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
103	Gray, low plasticity, very stiff, damp	0.3/ NM						
104			SILTY CLAY	100	0.3/ NM			
105	Gray, low plasticity, very stiff, damp	0.3/ NM						
106			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
107	Gray, low plasticity, very stiff, damp	0.3/ NM						
108			SILTY CLAY	100	0.3/ NM			
109	Gray, low plasticity, very stiff, damp	0.3/ NM						
110			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
111	Gray, low plasticity, very stiff, damp	0.3/ NM						
112			SILTY CLAY	100	0.3/ NM			
113	Gray, low plasticity, very stiff, damp	0.3/ NM						
114			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
115	Gray, low plasticity, very stiff, damp	0.3/ NM						
116			SILTY CLAY	100	0.3/ NM			
117	Gray, low plasticity, very stiff, damp	0.3/ NM						
118			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
119	Gray, low plasticity, very stiff, damp	0.3/ NM						
120			SILTY CLAY	100	0.3/ NM			
121	Gray, low plasticity, very stiff, damp	0.3/ NM						
122			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
123	Gray, low plasticity, very stiff, damp	0.3/ NM						
124			SILTY CLAY	100	0.3/ NM			
125	Gray, low plasticity, very stiff, damp	0.3/ NM						
126			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
127	Gray, low plasticity, very stiff, damp	0.3/ NM						
128			SILTY CLAY	100	0.3/ NM			
129	Gray, low plasticity, very stiff, damp	0.3/ NM						
130			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
131	Gray, low plasticity, very stiff, damp	0.3/ NM						
132			SILTY CLAY	100	0.3/ NM			
133	Gray, low plasticity, very stiff, damp	0.3/ NM						
134			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
135	Gray, low plasticity, very stiff, damp	0.3/ NM						
136			SILTY CLAY	100	0.3/ NM			
137	Gray, low plasticity, very stiff, damp	0.3/ NM						
138			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
139	Gray, low plasticity, very stiff, damp	0.3/ NM						
140			SILTY CLAY	100	0.3/ NM			
141	Gray, low plasticity, very stiff, damp	0.3/ NM						
142			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
143	Gray, low plasticity, very stiff, damp	0.3/ NM						
144			SILTY CLAY	100	0.3/ NM			
145	Gray, low plasticity, very stiff, damp	0.3/ NM						
146			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
147	Gray, low plasticity, very stiff, damp	0.3/ NM						
148			SILTY CLAY	100	0.3/ NM			
149	Gray, low plasticity, very stiff, damp	0.3/ NM						
150			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
151	Gray, low plasticity, very stiff, damp	0.3/ NM						
152			SILTY CLAY	100	0.3/ NM			
153	Gray, low plasticity, very stiff, damp	0.3/ NM						
154			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
155	Gray, low plasticity, very stiff, damp	0.3/ NM						
156			SILTY CLAY	100	0.3/ NM			
157	Gray, low plasticity, very stiff, damp	0.3/ NM						
158			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
159	Gray, low plasticity, very stiff, damp	0.3/ NM						
160			SILTY CLAY	100	0.3/ NM			
161	Gray, low plasticity, very stiff, damp	0.3/ NM						
162			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
163	Gray, low plasticity, very stiff, damp	0.3/ NM						
164			SILTY CLAY	100	0.3/ NM			
165	Gray, low plasticity, very stiff, damp	0.3/ NM						
166			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
167	Gray, low plasticity, very stiff, damp	0.3/ NM						
168			SILTY CLAY	100	0.3/ NM			
169	Gray, low plasticity, very stiff, damp	0.3/ NM						
170			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
171	Gray, low plasticity, very stiff, damp	0.3/ NM						
172			SILTY CLAY	100	0.3/ NM			
173	Gray, low plasticity, very stiff, damp	0.3/ NM						
174			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
175	Gray, low plasticity, very stiff, damp	0.3/ NM						
176			SILTY CLAY	100	0.3/ NM			
177	Gray, low plasticity, very stiff, damp	0.3/ NM						
178			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
179	Gray, low plasticity, very stiff, damp	0.3/ NM						
180			SILTY CLAY	100	0.3/ NM			
181	Gray, low plasticity, very stiff, damp	0.3/ NM						
182			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
183	Gray, low plasticity, very stiff, damp	0.3/ NM						
184			SILTY CLAY	100	0.3/ NM			
185	Gray, low plasticity, very stiff, damp	0.3/ NM						
186			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
187	Gray, low plasticity, very stiff, damp	0.3/ NM						
188			SILTY CLAY	100	0.3/ NM			
189	Gray, low plasticity, very stiff, damp	0.3/ NM						
190			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
191	Gray, low plasticity, very stiff, damp	0.3/ NM						
192			SILTY CLAY	100	0.3/ NM			
193	Gray, low plasticity, very stiff, damp	0.3/ NM						
194			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
195	Gray, low plasticity, very stiff, damp	0.3/ NM						
196			SILTY CLAY	100	0.3/ NM			
197	Gray, low plasticity, very stiff, damp	0.3/ NM						
198			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
199	Gray, low plasticity, very stiff, damp	0.3/ NM						
200			SILTY CLAY	100	0.3/ NM			
201	Gray, low plasticity, very stiff, damp	0.3/ NM						
202			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
203	Gray, low plasticity, very stiff, damp	0.3/ NM						
204			SILTY CLAY	100	0.3/ NM			
205	Gray, low plasticity, very stiff, damp	0.3/ NM						
206			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
207	Gray, low plasticity, very stiff, damp	0.3/ NM						
208			SILTY CLAY	100	0.3/ NM			
209	Gray, low plasticity, very stiff, damp	0.3/ NM						
210			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
211	Gray, low plasticity, very stiff, damp	0.3/ NM						
212			SILTY CLAY	100	0.3/ NM			
213	Gray, low plasticity, very stiff, damp	0.3/ NM						
214			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
215	Gray, low plasticity, very stiff, damp	0.3/ NM						
216			SILTY CLAY	100	0.3/ NM			
217	Gray, low plasticity, very stiff, damp	0.3/ NM						
218			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
219	Gray, low plasticity, very stiff, damp	0.3/ NM						
220			SILTY CLAY	100	0.3/ NM			
221	Gray, low plasticity, very stiff, damp	0.3/ NM						
222			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
223	Gray, low plasticity, very stiff, damp	0.3/ NM						
224			SILTY CLAY	100	0.3/ NM			
225	Gray, low plasticity, very stiff, damp	0.3/ NM						
226			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
227	Gray, low plasticity, very stiff, damp	0.3/ NM						
228			SILTY CLAY	100	0.3/ NM			
229	Gray, low plasticity, very stiff, damp	0.3/ NM						
230			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
231	Gray, low plasticity, very stiff, damp	0.3/ NM						
232			SILTY CLAY	100	0.3/ NM			
233	Gray, low plasticity, very stiff, damp	0.3/ NM						
234			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
235	Gray, low plasticity, very stiff, damp	0.3/ NM						
236			SILTY CLAY	100	0.3/ NM			
237	Gray, low plasticity, very stiff, damp	0.3/ NM						
238			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
239	Gray, low plasticity, very stiff, damp	0.3/ NM						
240			SILTY CLAY	100	0.3/ NM			
241	Gray, low plasticity, very stiff, damp	0.3/ NM						
242			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
243	Gray, low plasticity, very stiff, damp	0.3/ NM						
244			SILTY CLAY	100	0.3/ NM			
245	Gray, low plasticity, very stiff, damp	0.3/ NM						
246			SANDY SILT	Light brown, medium grained, dense, poorly graded, moist	100	0.5/ NM		
247	Gray, low plasticity, very stiff, damp	0.3/ NM						
248			SILTY CLAY					


* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JR0576.359	Date Drilled: 5/11/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
UTM Northing*: 1641722.52	UTM Easting*: 200986.78
Boring Location: GSSB-215	Surface Elevation*: 752.84

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	(Silty clay), black, medium plasticity, stiff, damp, some coke	80	0.2/ NM			NM = Not measured; FID malfunctioned Rock fragments at 2'
1		Increasing silt					
2		(Clayey silt), black, low plasticity, medium stiff, moist, some sand		0.6/ NM			
3	SILTY CLAY	Light brown, medium plasticity, soft, moist	95	0.6/ NM			Soil sample GSSB-215 (4-6') collected Soil sample GSSB-215 (6-8') collected
4							
5				0.4/ NM			
6							
7	GRAVELLY SAND	Light brown, medium grained, loose, well graded, saturated	95	0.2/ NM			
8							
9				0.2/ NM			
10							
11				0.2/ NM			
12							
13		Increased grain size	60	0.2/ NM			
14							
15				0.3/ NM			
16							
17			100	0.2/ NM			
18							
19				0.3/ NM			
20							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number: JR0576.359	Date Drilled: 5/11/2017
	Client Name: Citizens Energy Group	Personnel: D.Smith
	Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
	Drilling Method: Dual Tube	Driller License: 4086WD
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
GSSB-215	UTM Northing*: 1641722.52	UTM Easting*: 200986.78
	Boring Location: GSSB-215	Surface Elevation*: 752.84

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	SANDY SILT	Brown, non-plastic, very stiff, damp	100	0.2/ NM			Soil sample GSSB-215 (22-24') collected
21							
22	SILTY CLAY	Gray, low plasticity, very stiff, damp	100	0.1/ NM			End of boring at 24'
23							
24							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JR0576.359	Date Drilled: 5/11/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
UTM Northing*: 1641792.01	UTM Easting*: 201737.66
Boring Location: GSSB-216	Surface Elevation*: 745.96

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	(Gravelly sand), brown, medium grained, loose, well graded, damp	70	0.6/ NM			Concrete fragments at 0.5'
1							NM = Not measured; FID malfunctioned
2	SANDY SILT	Black, non-plastic, medium stiff, moist	50				Brick fragments at 2'
3				0.9/ NM			Slight odor and staining at 3'
4							
5				96.9/ NM			Soil sample GSSB-216 (4-6') collected
6	SILTY SAND		40				Odor and staining at 6'
7		Light brown, fine grained, medium dense, well graded, saturated		26.1/ NM			
8							
9				0.8/ NM			
10		Some gravel					
11				1.0/ NM			
12	SILTY CLAY		50				
13				0.3/ NM			
14		Gray-brown, low plasticity, very stiff, damp					Soil sample GSSB-216 (14-16') collected
15				0.3/ NM			
16							End of boring at 16'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JR0576.359	Date Drilled: 5/10/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
UTM Northing*: 1642049.69	UTM Easting*: 202003.02
Boring Location: GSSB-217	Surface Elevation*: 748.84

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	(Clayey silt), brown, low plasticity, medium stiff, damp	80	0.6/ NM			NM = Not measured; FID malfunctioned
1							
2	SANDY SILT	Brown, non-plastic, medium stiff, damp	70	0.6/ NM			Soil sample GSSB-217 (6-8') collected
3							
4	CLAYEY SILT	Brown, low plasticity, soft, moist	80	0.6/ NM			
5							
6	SANDY SILT	Brown, non-plastic, soft, moist	100	0.2/ NM			
7							
8	SILTY SAND	Light brown, medium grained, medium dense, well graded, wet	50	0.3/ NM			Soil sample GSSB-217 (18-20') collected
9		Saturated					
10	SILTY CLAY	Gray, low plasticity, very stiff, damp		0.2/ NM			End of boring at 20'
11							
12				0.3/ NM			
13				0.2/ NM			
14				0.3/ NM			
15				0.3/ NM			
16				0.4/ NM			
17							
18							
19							
20							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JR0576.359	Date Drilled: 5/10/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
UTM Northing*: 1642330.62	UTM Easting*: 202243.01
Boring Location: GSSB-218/GSMW-38	Surface Elevation*: 751.74

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	(Silty sand), dark brown, medium grained, medium dense, well graded, damp	75	0.3/ NM			NM = Not measured; FID malfunctioned
1							
2	SILTY CLAY	Dark brown, medium plasticity, medium stiff, damp	50	0.2/ NM			Soil sample GSSB-218 (6-8') collected Well screen set at (7-17')
3							
4		Light brown		0.3/ NM			
5	SILTY SAND	Dark brown, medium grained, loose, well graded, damp	40	0.3/ NM			Soil sample GSSB-218 (10-12') collected
6				0.2/ NM			
7			95	0.2/ NM			
8				0.4/ NM			
9				0.2/ NM			
10				0.3/ NM			
11	SILTY CLAY	Gray, low plasticity, very stiff, damp	100	0.3/ NM			Soil sample GSSB-218 (16-18') collected End of boring at 20'
12				0.4/ NM			
13							
14							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: SESB-1/SEMW-1
Date Drilled: 5/17/2011
Personnel: Matt Hennessy
Boring Location: 75' SE of SESB-21
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					
0		Fill (Sand) Brown/red, coarse grained, loose, well graded, damp	0-2	40	5.21	7.07	Brick fragments (2'-6')
2		Black/brown	2-4		3.45	5.55	
4		Brown	4-6*		4.25	7.55	
6			6-8*	40	4.04	5.07	Soil sample collected (6'-8') at 10:19 for laboratory analysis
8			8-10*		4.51	7.00	Glass fragments (8'-8.5') Soil sample collected (8'-10') at 10:20 for laboratory analysis; brick fragments
10		Wet	10-12*		4.80	7.85	Soil sample collected (10'-12') at 10:21 for laboratory analysis
12		10% gravel	12-14*	40	5.05	9.17	Soil sample collected (12'-14') at 10:22 for laboratory analysis
14			14-16*		15.87	501	Coke fragments (14'-15') Soil sample collected (14'-16') at 10:23 for laboratory analysis; odor
16		Clayey Sand Black, fine grained, medium dense, poorly graded, wet	16-18*		59.12	24.51	Groundwater at 16' Soil sample collected (16'-18') at 10:24 for laboratory analysis
18		Sand Gray, fine grained, medium dense, poorly graded, saturated	18-20	100	6.98	23.32	
20		Gravelly Sand Gray, medium grained, medium dense, well graded, saturated					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: SESB-1/SEMW-1
Date Drilled: 5/17/2011
Personnel: Matt Hennessy
Boring Location: 75' SE of SESB-21
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
		Clayey Silt Gray, low plasticity, medium stiff, damp End of Boring					
22							
24							
26							
28							
30							
32							
34							
36							
38							
40							

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: SESB-2
Date Drilled: 5/17/2011
Personnel: Matt Hennessy
Boring Location: 25' SW of SESB-21
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					
0		Fill (Sand) Brown/black, medium grained, loose, damp	0-2	60	2.84	3.51	Brick/coke fragments
2			2-4		2.45	2.88	
4		Sandy Clay Brown/red, medium plasticity, medium stiff, damp	4-6*	80	2.67	30.57	Soil sample collected (4'-6') at 12:47 for laboratory analysis
6		Silty Clay Gray, medium plasticity, medium stiff, damp	6-8*		3.03	4.41	Soil sample collected (6'-8') at 12:48 for laboratory analysis
8			8-10*		2.72	4.01	Soil sample collected (8'-10') at 12:49 for laboratory analysis
10		Sandy Clay Brown, medium plasticity, medium stiff, wet	10-12*		2.77	3.89	Soil sample collected (10'-12') at 12:50 for laboratory analysis
12		Sandy Gravel Brown, fine grained, medium dense, well graded, subrounded, saturated	12-14*	100	3.10	7.02	Soil sample collected (12'-14') at 12:51 for laboratory analysis Groundwater at 12.5'
14		Sand Brown, medium grained, loose, poorly graded, saturated	14-16*		2.92	9.42	Soil sample collected (14'-16') at 12:52 for laboratory analysis
16			16-18*	100	3.04	3.54	Soil sample collected (16'-18') at 12:53 for laboratory analysis
18		Gray	18-20		3.31	8.00	Groundwater at 19'
20		Gravelly Sand Gray, medium grained, medium dense, well graded, saturated					
		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-3
Date Drilled: 10/27/2010
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: Former BTX AST
0		Topsoil	0-2*	35	2.14	Soil sample collected (0"-6") and Duplicate SESBD-2 at 12:30 for laboratory analysis
2		Fill (Silty Sand) Brownish gray, fine grained, loose, dry, plastic fragments	2-4*		5.35	
4		Coal fragments Orange mottling	4-6		3.07	
6		Silty Clay Brown, medium plasticity, medium stiff, damp, reddish brown mottling	6-8	80	2.84	Soil sample collected (10'-12') at 12:40 for laboratory analysis
8			8-10		3.51	
10		Sand Brown, fine grained, medium dense, poorly graded, dry, 10% gravel	10-12*		4.97	
12		Wet Saturated	12-14	90	8.50	Groundwater at 13'
14		Coarse grained	14-16		9.02	
16			16-18		7.95	
18		Sandy Clay Brown, medium plasticity, stiff, wet	18-20		2.64	
20		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-4
Date Drilled: 10/26/2010
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: 150' NE of west gate, along tree line
0		Topsoil	0-2*		2.06	Soil sample collected (0" - 6") at 12:00 for laboratory analysis
2		Fill (Silty Clay) Brown, low plasticity, medium stiff, dry	2-4*	80	3.80	Concrete and brick fragments
4		15% gravel	4-6		2.65	Soil sample collected (2' - 4') at 13:38 for laboratory analysis
6		Fill (Silty Sand) Brown/black, fine grained, loose, poorly graded, dry	6-8	50	1.12	
8		Tan/orange	8-10		0.58	
10			10-12*		1.57	Soil sample collected (10' - 12') at 13:30 for laboratory analysis
12		Red; increasing gravel	12-14	60	5.09	Odor (12' - 14')
14		Fill (Sandy Gravel) Brown/gray, coarse grained, loose, well graded, subangular, saturated	14-16		2.99	Groundwater at 13'
16		Fine sand, decreasing gravel 15%	16-18	90	4.00	Brick fragments
18		Fill (Sandy Clay) Black, medium plasticity, medium stiff, damp, orange mottling	18-20		4.42	
20		Sand Brown, medium grained, loose, poorly graded, saturated				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-4
Date Drilled: 10/26/2010
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
22		Gravel Brown, loose, well graded, subangular, saturated Sand Brown, coarse grained, loose, poorly graded, subangular, saturated Silty Clay Gray, medium plasticity, stiff, damp End of Boring				
24						
26						
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-5
Date Drilled: 10/25/2010
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: 375' NE of former BTX AST, along Pleasant Run
0		Topsoil	0-2*		2.45	Soil sample collected (0" - 6") at 13:35 for laboratory analysis
2		Fill (Sand) Brown, fine grained, loose, poorly graded, dry, orange mottling, trace of silt and gravel	2-4	50	2.01	
4		Increasing silt and gravel	4-6		3.28	
6		Light orange, oxidation present	6-8	60	2.91	
8			8-10		4.02	
10			10-12		3.80	15% coal
12		Silty Sand Gray/black, fine grained, medium dense, poorly graded, damp	12-14*	80	95	
14			14-16		14.75	25% coal
16		Silty Clay Tan, low plasticity, medium stiff, dry	16-18*	90	5.90	
18			18-20		5.72	Odor (11.5' - 13')
20		Sand Tan, fine grained, medium dense, poorly graded, moist				
		10% gravel				Soil sample collected (12' - 14') at 13:55 for laboratory analysis
						Some dark gray and black banding
						Soil sample collected (16' - 18') at 14:05 for laboratory analysis
						Groundwater at 19.75'

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-5
Date Drilled: 10/25/2010
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS








Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
22		Sandy Gravel Brown, coarse grained, loose, well graded, saturated	20-22	80	5.17	
		Sand Tan, fine grained, medium dense, poorly graded, damp	22-23		--	
24		End of Boring				
26						
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis

Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-6
Date Drilled: 10/26/2010
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: 400' SW of NW corner of property along tree line
0		Topsoil	0-2*		9.65	
2		Sandy Silt Gray, non-plastic, soft, dry		60		Soil sample collected (0" - 6") at 14:35 on 10/25/2010 for laboratory analysis
2		Orange mottling	2-4		5.08	
4		Brown	4-6*		7.07	Soil sample collected (4' - 6') at 11:20 for laboratory analysis
6			6-8	80	6.09	
8			8-10		2.42	
10		Silty Sand Tan, fine grained, loose, poorly graded, dry	10-12		5.10	
12		Brown, 30% gravel	12-14	90	4.45	
14		Sandy Silt Brown, low plasticity, medium stiff, damp, 5% gravel	14-16		3.74	
16		Sand Brown, coarse grained, loose, poorly graded, subangular, dry, 15% gravel	16-18*	95	8.48	Soil sample collected (16' - 18') at 11:10; SEMS-2 and SEMSD-2 taken from 16'-18' interval
18		Silty Sand Brown/black, fine grained, loose, poorly graded, dry, orange mottling	18-20		11.16	
20		Tan, 25% gravel				Groundwater at 19.75'
20		Sandy Gravel Tan/brown, fine grained, loose, well graded, moist				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-6
Date Drilled: 10/26/2010
Personnel: Matt Hennessy
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
22		Gravel Tan/brown, medium grained, loose, poorly graded, subangular, saturated	20-22	100	2.6	
			22-23		--	
24		End of Boring				
26						
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-7
Date Drilled: 10/25/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: Northern portion of property approx. 300ft. SE of former gasoline UST
		Asphalt				
		Fill (Gravel)	0-2		--	
2		Clayey Silt Brown, medium plasticity, soft, damp	2-4	40	18.67	Soil sample collected (14' - 16') at 11:40 for laboratory analysis
4			4-6		22.44	
6			6-8	50	19.01	
8			8-10		21.34	
10		Silty Clay Brown, medium plasticity, soft, red mottling, damp, 5% gravel	10-12		19.71	
12			12-14	55	20.23	
14		Sand Brown, coarse grained, medium dense, well graded, damp, 10% gravel	14-16*		26.20	
16			16-18*		25.44	
18		Sandy Clay Gray, high plasticity, soft, saturated, 12% gravel	18-20	60	23.83	
20						
						Groundwater at 18'

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-7
Date Drilled: 10/25/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
22		Silty Clay Brown/gray, low plasticity, medium stiff, saturated End of Boring				
24						
26						
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-8
Date Drilled: 10/26/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: Northernmost portion of property approx. 250ft. NE of former gasoline UST
0		Topsoil				
2		Fill (Clayey Silt) Light brown, non-plastic, soft, dry	0-2*	45	12.12	Soil sample collected (0" - 6") at 8:30 for laboratory analysis (SESBD-5)
2			2-4		14.48	
4		Fill (Gravel, coke/coal, red brick) Dry	4-6	40	10.62	odor (11.5'-14') Soil sample collected (12' - 14') at 11:34 for laboratory analysis
6		Silty Clay Light brown, medium plasticity, soft, dry	6-8		7.54	
8		Clay Light gray, medium plasticity, soft, dry, trace of sand	8-10		7.48	
10		Increasing sand	10-12		12.84	
12		Sand Light brown, coarse grained, medium dense, well graded, dry, 12% gravel	12-14*	80	848	
14		Clayey Sand Brown, coarse grained, medium dense, well graded, dry, red mottling	14-16		204.0	Groundwater at 15'
16		Sandy Clay Brown, low plasticity, soft, red mottling, damp	16-18	100	31.68	
18		Clay Gray, high plasticity, soft, moist, 15% gravel	18-20*		17.81	Sample collected (18' - 20') at 11:52 for laboratory analysis
20		Sandy Clay Light gray, low plasticity, soft, saturated, 5% gravel				
20		Clayey Sand Light gray, medium grained, loose, well graded, wet, 12% gravel				

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-8
Date Drilled: 10/26/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
22		Sandy Clay Light gray, low plasticity, stiff, moist, 10% gravel End of Boring				
24						
26						
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-9
Date Drilled: 10/25/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: Northeast portion of property between property fence and Pleasant Run Creek
		Asphalt	0-2	40	--	
		Fill (Coke and Coal)				
2		Sand Brown, fine grained, loose, poorly graded, dry	2-4		14.24	
4			4-6		17.43	
6		Silty Clay Brown, medium plasticity, soft, damp	6-8	90	17.31	
8			8-10		16.90	
10			10-12		15.43	
12		Sand Brown, coarse grained, loose, well graded, damp Gray Fine grained, medium dense, poorly graded,	12-14	80	16.80	
14			14-16		18.41	
16			16-18*		70	27.08
18			18-20*			18.01
20		End of Boring				Soil sample collected (16' - 18') at 10:40 for laboratory analysis
						Soil sample collected (18'-19') at 10:56 for laboratory analysis
						Groundwater at 19'

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-10/SEMW-2
Date Drilled: 10/25/2010
Personnel: Cole Pratt
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: Former Gasoline UST
		Asphalt				
2		Fill (Gravel) Black	0-2	40	15.72	
4			2-4		16.78	
6		Sand Reddish-brown, coarse grained, medium dense, well graded, damp, 10% gravel	4-6	20	22.10	
8			6-8		4.72	
10		Sandy Clay Reddish-brown, low plasticity, soft, moist	8-10		26.19	
12		Silty Clay Gray, medium plasticity, soft, damp	10-12	60	25.62	
14		Brown, soft	12-14		15.40	
16		Sand Brown, fine grained, medium dense, poorly graded, moist, 5% gravel	14-16	75	33.01	Soil sample collected (16'-18') at 13:02 for laboratory analysis (SESBD-4)
18		Light gray, coarse grained, well graded, dry	16-18*		32.33	
20		Clayey Sand Light gray, coarse grained, medium dense, well graded, moist, 10% gravel	18-20*		19.02	Soil sample collected (18'-19') at 13:45 for laboratory analysis Groundwater at 19'
		Sand Gray, fine grained, loose, poorly graded, wet				
		Saturated				
		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: SESB-11
Date Drilled: 5/17/2011
Personnel: Matt Hennessy
Boring Location: 25' NW of SESB-21
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					
0		Fill (Sand) Brown/black, medium grained, loose, damp	0-2	40	2.50	5.52	Coke & brick fragments (2'-12.5')
2			2-4		4.50	8.01	
4			4-6*		2.41	1242	
6			6-8*	20	17.11	58.56	Soil sample collected (6'-8') at 9:16 for laboratory analysis
8			8-10*		7.55	21.11	Soil sample collected (8'-10') at 9:17 for laboratory analysis
10		Coarse grained, saturated	10-12*		22.10	74.10	Groundwater at 10'
12			12-14*	40	6.82	224	Soil sample collected (12'-14') at 9:19 for laboratory analysis
14		Silty Clay Black, medium plasticity, medium stiff, damp	14-16*		6.45	41.12	Soil sample collected (14'-16') at 9:20 for laboratory analysis
16		Sand Gray, fine grained, medium dense, poorly graded, wet	16-18*		6.73	31.42	Groundwater at 16.5'
18		Clayey Silt Gray, low plasticity, medium stiff, damp	18-20	40	6.74	17.89	Soil sample collected (16'-18') at 9:21 for laboratory analysis
20		Sand Gray, medium grained, medium dense, poorly graded, saturated 15% gravel					
20		End of Boring					

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: SESB-12
Date Drilled: 5/17/2011
Personnel: Matt Hennessy
Boring Location: 25' NE of SESB-21
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	PID (ppm)	FID (ppm)	Comments
0		Ground Surface					
0		Fill (Sand) Brown/black, medium grained, loose, well graded, damp	0-2	50	2.90	5.90	Coke & Brick Fragments (0-4')
2			2-4		3.12	4.68	
4			4-6		12.55	44.77	
6				80			Soil sample collected (4-6') at 11:57 for laboratory analysis
6		Fill (Sandy Clay) Brown, medium stiff, medium plasticity, damp	6-8		3.66	8.42	Soil sample collected (6-8') at 11:58 for laboratory analysis
8		Fill (Sand) Brown, fine grained, loose, poorly graded, moist	8-10		3.12	5.80	Soil sample collected (8-10') at 11:59 for laboratory analysis Water @ 10'
10		Sand Brown, fine grained, loose, poorly graded, saturated	10-12	80	4.35	25.66	Soil sample collected (10-12') at 12:00 for laboratory analysis
12			12-14		3.81	11.45	Soil sample collected (12-14') at 12:01 for laboratory analysis
14		Brown/gray 15% Gravel	14-16		3.45	5.75	Soil sample collected (14-16') at 12:02 for laboratory analysis
16		Silty Clay Gray, stiff, medium plasticity, trace gravel, damp	16-18	100	3.42	7.02	Soil sample collected (16-18') at 12:03 for laboratory analysis
18			18-20		3.53	54.76	GW @ 19'
20		Gravelly Sand Gray, med. grained, loose, well graded, saturated					End of Boring

FID = flame ionization detector

PID = photoionization detector

ft bg = feet below grade

XRF = x-ray fluorescence

Note: Only those metals detected above the XRF instrument limit of detection are reported

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis

NA = not analyzed

ND = not detected



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-14
Date Drilled: 2/14/2011
Personnel: Matt Hennessy
Boring Location: See Comments Below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Northwest of SEMW-3
		Fill (Silty Sand) Tan, medium grained, loose, well graded, 5% gravel, dry	0-2		12.68	Soil sample collected (0-6") at 0950
2		Dark brown, medium dense, no gravel, trace clay	2-4	50	7.72	Glass Fragments (2.5-3') Soil sample collected (2-4') at 0955
4		5% gravel, alternating red and black mottling (4-5.5')	4-6		15.51	
6			6-8	40	25.21	
8		Beige, coarse grained Red Beige	8-10		21.71	Soil sample collected (10-12') at 1005
10			10-12	50	16.74	Coal Fragments (10-10.5')
12		Brown				Brick Fragments at 12'
		End of Boring				
14						
16						
18						
20						

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-15
Date Drilled: 2/14/2011
Personnel: Matt Hennessy
Boring Location: See Comments Below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Northwest of SEMW-3
0		Topsoil				Soil sample collected (0-6") at 1040
2		Fill (Silty Sand) Black/gray, medium grained, medium dense, loose, trace clay, damp	0-2		13.24	Glass Fragments (1-1.5')
4			2-4	50	6.72	Soil sample collected (2-4') at 1050
6		Increasing clay, orange mottling	4-6		8.77	
6		Silty Clay Brown, medium stiff, medium plasticity, damp	6-8		6.09	
8		Sand Brown, fine grained, poorly graded, medium dense, dry	8-10	50	9.35	Soil sample collected (12-14') at 1100
10		Medium grained	10-12		9.95	
12		Tan	12-14	50	12.14	
14		Damp	14-16		17.55	Soil sample collected (14-15') at 1105
16		Saturated	16-18	70	22.32	Groundwater (15-18')
18		Sandy Gravel Brown, medium grained, well graded, medium dense, subangular, saturated				
20		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-16
Date Drilled: 2/14/2011
Personnel: Matt Hennessy
Boring Location: See Comments Below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Northwest of SEMW-5
		Fill (Sandy Gravel) Brown, loose, fine grained, subangular, well graded, moist	0-2	80	37.18	
2		Coke	2-4		21.47	
4			4-6	20	17.24	
6		Sandy Gravel Black, fine grained, loose, well graded, wet	6-8		19.22	
8			8-10		25.01	
10			10-12	20	9.45	
12		Clayey Sand Black, fine grained, medium dense, poorly graded, moist	12-14		9.47	Soil sample collected (12-14') at 1215
14		Silty Clay Black, medium stiff, medium plasticity, 2% gravel, moist	14-16		12.39	
16			16-18	90	19.41	Soil sample collected (16-18') at 1225
18		Sand Gray, fine grained, medium dense, poorly graded, damp				
		End of Boring				
20						

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-17
Date Drilled: 2/14/2011
Personnel: Matt Hennessy
Boring Location: See Comments Below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Northeast of SEMW-5
0		Fill (Silty Clay) Black, medium stiff, medium plasticity, wet	0-2	80	7.80	Coal and Glass Fragments at 2-2.5'
2		Fill (Sand) Black/tan/orange, medium grained, loose, well graded, damp	2-4		8.24	
4			4-6		7.89	
6			6-8	10	14.32	Brick and Glass Fragments at 10-10.5'
8			8-10		12.82	
10		White Tan, poorly graded	10-12		48.29	
12		Silty Clay Black, medium stiff, medium plasticity, moist	12-14	60	36.51	Soil sample collected (12-14') at 1310
14		Clayey Sand Black, fine grained, dense, poorly graded, damp	14-16		102	
16			16-18		122	
18		Silty Clay Gray, medium stiff, medium plasticity, 2% gravel, dry				Soil sample collected (16-18') at 1320
20		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-20
Date Drilled: 2/14/2011
Personnel: Matt Hennessy
Boring Location: See Comments Below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Southwest of SEMW-6
0		Topsoil	0-2	80	20.41	Coal and Glass Fragments at 2-2.5'
2		Fill (Silty Clay) Brown, medium stiff, medium plasticity, dry	2-4		15.98	
4		Moist, black mottling	4-6		18.48	
6		Orange	6-8	50	19.75	
8		Coke	8-10		21.66	Soil sample collected (12-14') at 1410
10		Fill (Silty Clay) Brown, medium stiff, medium plasticity, damp	10-12	50	15.79	
12			12-14		15.43	
14		Sand Brown, fine grained, loose, poorly graded, damp	14-16		22.02	
16		Gravelly Sand Tan, coarse grained, loose, well graded, damp	16-18	40	15.98	Soil sample collected (16-18') at 1415
18			18-20		32.19	Soil sample collected (18-20') at 1425
20		Moist End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-21
Date Drilled: 2/15/2011
Personnel: Matt Hennessy
Boring Location: See Comments Below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Southeast of SEMW-6
		Coke				
		Fill (Clayey Silt) Brown, non-plastic, soft, damp	0-2	90	13.10	
2			2-4		19.08	Coal and Glass Fragments at 3-3.5'
4			4-6		14.48	Soil sample collected (4-6') at 0830
6		Fill (Sand) Brown/black, medium grained, well graded, damp	6-8	30	14.39	
8	White Black		8-10		16.48	Coke fragments (8-12')
10		Medium dense, poorly graded	10-12		9.21	
12			12-14	10	11.06	
14			14-16		20.64	
16			16-18		132	Odor (15-20') Brick Fragments (16.5-17') Soil sample collected (16-18') at 0845
18	Orange mottling Wet		18-20	20	36.75	Soil sample collected (18-20') at 0848
20						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-21
Date Drilled: 2/15/2011
Personnel: Matt Hennessy
Boring Location: See Comments Below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
		Silty Clay Gray, stiff, medium plasticity, damp End of Boring				
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-22
Date Drilled: 2/15/2011
Personnel: Matt Hennessy
Boring Location: See Comments Below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Northeast of SEMW-6
0		Topsoil	0-2	50	5.74	Soil sample collected (4-6') at 0912
2		Clayey Silt Brown, medium stiff, low plasticity, dry			7.52	
4		Increased sand				
4		Sand Black/brown, medium grained, loose, poorly graded, damp	4-6	50	7.42	
6			6-8		6.15	
8			8-10		3.47	
10			10-12	25	8.86	
12		Brown	12-14		7.78	
14		Silty Sand Brown, fine grained, medium dense, poorly graded, damp	14-16		10.07	
16		Silty Clay Brown, medium stiff, medium plasticity, damp	16-18	50	12.02	Soil sample collected (16-18') at 0930
18		Sand Brown, medium grained, medium dense, poorly graded, damp	18-20		70.12	Saturated at 18.5'
20		Sandy Gravel Gray, fine grained, well graded, medium dense, subrounded, saturated				End of Boring

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-23
Date Drilled: 2/15/2011
Personnel: Matt Hennessy
Boring Location: See Comments Below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				West of SEMW-8
0		Topsoil	0-2		10.60	
2		Fill (Slity Sand) Brown, fine grained, well graded, loose, dry	2-4	40	17.95	
4			4-6		10.22	Coke Fragments at 4-4.5' Soil sample collected (4-6') at 1300
6			6-8	30	10.50	Brick Fragments at 6-6.5'
8		Medium dense	8-10		15.05	
10			10-12		10.71	Brick Fragments at 10-10.5
12		Sand Brown, fine grained, medium dense, poorly graded, dry	12-14	50	13.65	Soil sample collected (12-14') at 1310 (SESBD-8)
14			14-16		13.66	
16		5% gravel	16-18	60	15.85	
18		Clayey Silt Gray, medium stiff, low plasticity, damp	18-20		9.79	Soil sample collected (18-20') at 1322
20						End of Boring

FID = flame ionization detector
 ft bg = feet below grade
 ND = not detected

-- = no headspace analysis
 ppm = parts per million
 * = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-24
Date Drilled: 2/15/2011
Personnel: Matt Hennessy
Boring Location: See Comments Below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				North of SEMW-8
0		Topsoil				
0		Fill (Sand) Black, medium grained, loose, well graded, damp	0-2		3.97	Coal Fragments at 1-2'
2			2-4	30	5.66	
4			4-6		5.40	Brick Fragments at 4-4.5'
6		Brown				Soil sample collected (4-6') at 1200
6			6-8	30	8.32	
8		Trace clay				
8		Red	8-10		5.91	Wood at 9-9.5'
10			10-12		35.74	Glass Fragments at 11-11.5'
12		Black, fine grained				Brick Fragments at 12-12.5'
12			12-14	50	82.55	Soil sample collected (12-14') at 1220
14		Moist				Glass Fragments at 14.5-15'
14			14-16		252	
16		Sand Black/gray, medium grained, medium dense, poorly graded, saturated				Saturated at 16'
16			16-18	90	209	
18						
18		Sandy Clay Brown, medium stiff, medium plasticity, saturated	18-20		144	
20						End of Boring

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SESB-25
Date Drilled: 2/15/2011
Personnel: Matt Hennessy
Boring Location: See Comments Below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Southeast of SEMW-8
0		Topsoil				
0		Fill (Sand) Black, medium grained, loose, well graded, damp	0-2	30	5.22	
2			2-4	30	5.49	Coke Fragments at 3.5-4'
4			4-6	30	7.12	Soil sample collected (4-6') at 1330
6		Silty Clay Gray, medium stiff, medium plasticity, damp	6-8	30	8.19	
8			8-10	30	9.32	
10			10-12	50	7.14	Wood at 12-12.5'
12			12-14	50	22.58	Soil sample collected (12-14') at 1340
14		Clayey Sand Gray, fined grained, medium dense, poorly graded, damp	14-16	50	20.17	
16		Medium grained	16-18	50	23.11	
18		Clayey Silt Gray, medium stiff, low plasticity, damp	18-20	50	26.29	Soil sample collected (18-20') at 1400
20						End of Boring

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



Project Number: JM0823.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: SESB-27/SEMW-10
Date Drilled: 06/25/2012
Personnel: Lindsay Perazzo
Boring Location: SE of SEMW-7
Driller: ARK

Depth (ft bg)	Symbol	Description	Interval (ft bg)	Recovery %	PID (ppm)	Comments
0		Ground Surface				Soil sample collected (0"-6") at 08:25 for laboratory analysis
		Fill (Silty Clay) Brown, medium plasticity, medium stiff, moist	0-2		17.19	Rock fragments (0'-1')
2			2-4	65	16.80	
4						Coke fragments at 4'
		Fill (Sand) Black, medium grained, loose, well graded, damp	4-6		19.61	
6			6-8	80	21.84	Brick fragments at 7' Coke fragments (7.5'-8')
8		Fill (Sandy Gravel) Black, coarse grained, loose, well graded, damp	8-10		22.81	
10			10-12	50	22.69	Glass at 9.75' Wood at 10'
12						Coke fragments at 11.5' Rock fragments at 12'
		Clayey Sand Orangish-brown, coarse grained, medium dense, well graded, moist	12-14		29.11	
14				70		
		Gravelly Sand Light brown, coarse grained, loose, well graded, damp	14-16		25.34	
16						
		Silty Clay Grayish-brown, low plasticity, med. stiff, moist	16-18		25.50	
18		Gray, plastic		100		Soil sample collected (18'-20') at 09:23 for laboratory analysis
		Sandy Clay Gray, high plasticity, medium stiff, moist	18-20*		25.90	1" gravel seams at 19' and 19.5'
20						Groundwater at 20'

PID = photoionizable vapors
 ft bg = feet below grade
 ND = not detected at 0.1 ppm

-- = no headspace analysis
 ppm = parts per million
 * = submitted for laboratory analysis



Project Number: JM0823.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: SESB-27/SEMW-10
Date Drilled: 06/25/2012
Personnel: Lindsay Perazzo
Boring Location: SE of SEMW-7
Driller: ARK

Depth (ft bg)	Symbol	Description	Interval (ft bg)	Recovery %	PID (ppm)	Comments
22		Sand Gray, medium grained, loose, well graded, saturated	20-22	100	25.86	Well screened from 12'-22'
		Some gravel	22-24		26.66	
24		Silty Clay Gray, low plasticity, stiff, damp				
		End of Boring				
26						
28						
30						
32						
34						
36						
38						
40						

PID = photoionizable vapors
 ft bg = feet below grade
 ND = not detected at 0.1 ppm

-- = no headspace analysis
 ppm = parts per million
 * = submitted for laboratory analysis



Project Number: JM0823.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: SESB-28/SEMW-11
Date Drilled: 06/25/2012
Personnel: Lindsay Perazzo
Boring Location: SW of SEMW-9
Driller: ARK

Depth (ft bg)	Symbol	Description	Interval (ft bg)	Recovery %	PID (ppm)	Comments
0		Ground Surface				Soil sample collected (0"-6") at 10:05 for laboratory analysis
		Fill (Sandy Clay) Brown, medium plasticity, soft, damp	0-2		5.3	Rock fragments (0'-2.5')
2			2-4	65	63.3	Coke fragments at 3'
4		High plasticity, medium stiff, moist, trace gravel	4-6		103.0	Coke fragments (4.5'-5')
6			6-8*	70	262.0	Soil sample collected (6'-8') at 14:42 for laboratory analysis (SESBD-1)
8		Fill (Clayey Sand) Gray, coarse grained, loose, well graded, damp				Coke fragments at 7'
		Fill (Sandy Clay) Brown, high plasticity, soft, moist	8-10		127.0	Rock and brick fragments at 7.5'
10		Fill (Sand) Black/orange, coarse grained, dense, well graded, moist	10-12	90	53.9	Glass fragments at 9.75'
12						Well screened from 10'-20'
		Silty Clay Gray, low plasticity, stiff, damp	12-14		5.1	Coke fragments at 11.5'
14		Brown w/orange mottling, low plasticity, moist	14-16*	100	10.6	
		Trace gravel				Soil sample collected (14'-16') at 15:10 for laboratory analysis
16		Sand Gray w/orange mottling, medium grained, dense, well graded, wet	16-18		7.3	
18		Silty Clay Black, high plasticity, soft, wet		95		Groundwater at 18'
		Sand Brown, medium grained, loose, well graded, wet	18-20		3.5	
20						End of Boring

PID = photoionizable vapors
 ft bg = feet below grade
 ND = not detected at 0.1 ppm

-- = no headspace analysis
 ppm = parts per million
 * = submitted for laboratory analysis



Project Number: JM0823.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: SESB-29/SEMW-12
Date Drilled: 06/25/2012
Personnel: Lindsay Perazzo
Boring Location: East corner of property
Driller: ARK

Depth (ft bg)	Symbol	Description	Interval (ft bg)	Recovery %	PID (ppm)	Comments
0		Ground Surface				Soil sample collected (0"-6") at 12:50 for laboratory analysis (MS/MSD)
		Fill (Sand w/ Coke)				
		Fill (Sand) Brown/orange, medium grained, loose, well graded, dry	0-2	50	4,772	Glass fragments at 1.75'
2			2-4		409	
4		Some gravel Gray/orange	4-6	30	412	Glass fragments (7'-10.5')
6			6-8		377	
8			8-10*	35	753	Soil sample collected (8'-10') at 13:55 for laboratory analysis
10			10-12		111	
12		Fine grained	12-14	70	108	Coal (11.5'-12')
14		Black Gray/orange	14-16*		46.8	
16		Silty Clay Black, high plasticity, soft, wet	16-18	90	127	Soil sample collected (14'-16') at 14:05 for laboratory analysis 1" sand seam at 15.25'
		Gray	18-20		632	
18		Sandy Gravel Gray, coarse grained, dense, well graded, saturated				Groundwater at 16'-17.25'
		Silty Clay Gray, low plasticity, stiff, moist, few gravel				
20		Very stiff, damp				Well screened from 10'-20'
		End of Boring				End of Boring

PID = photoionizable vapors
 ft bg = feet below grade
 ND = not detected at 0.1 ppm

-- = no headspace analysis
 ppm = parts per million
 * = submitted for laboratory analysis



Project Number: JM0823.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: SESB-30
Date Drilled: 06/25/2012
Personnel: Lindsay Perazzo
Boring Location: NW of SEMW-11
Driller: ARK

Depth (ft bg)	Symbol	Description	Interval (ft bg)	Recovery %	PID (ppm)	Comments
0		Ground Surface				Soil sample collected (0'-6") at 07:53 for laboratory analysis (SESBD 0"-6") Coke fragments (1'-8.5')
		Fill (Gravelly Sand) Grayish-brown, coarse grained, loose, well graded, damp	0-2	80	0.3	
2			2-4		0.3	
4			4-6*	65	6.8	
6			6-8		5.8	
8		Clayey Silt Brown, medium plasticity, soft, moist	8-10	100	1.4	Soil sample collected (4'-6') at 08:38 for laboratory analysis Glass fragments at 10' Rock fragments at 11.25' Soil sample collected (10'-12') at 08:50 for laboratory analysis Groundwater at 13'-14.75' Groundwater sample collected at 11:40 for laboratory analysis
10			10-12*		2.2	
12		Sand Brown, medium grained, dense, poorly graded, moist	12-14	100	3.7	
14		Gravelly Sand Brown, coarse grained, medium dense, well graded, moist	14-16		3.2	
16		Silty Clay Grayish-brown, low plasticity, hard, damp				
		Gravelly Sand Grayish-brown, medium grained, loose, well graded, saturated				
18		Sand Gray, fine grained, dense, poorly graded, saturated				
20		Silty Clay Gray, low plasticity, stiff, damp Few gravel, very stiff				

PID = photoionizable vapors
 ft bg = feet below grade
 ND = not detected at 0.1 ppm

-- = no headspace analysis
 ppm = parts per million
 * = submitted for laboratory analysis



Project Number: JM0823.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: SESB-31
Date Drilled: 06/25/2012
Personnel: Lindsay Perazzo
Boring Location: NW of SEMW-9
Driller: ARK

Depth (ft bg)	Symbol	Description	Interval (ft bg)	Recovery %	PID (ppm)	Comments
0		Ground Surface				
0		Asphalt and Gravel				Soil sample collected (0'-6") at 10:00 for laboratory analysis
2		Fill (Gravelly Sand) Gray, coarse grained, loose, well graded, damp	0-2	50	0.4	
2			2-4		0.3	Coke fragments (2'-4')
4			4-6*		0.5	Glass fragments at 4.5'
6			6-8	50	0.3	Soil sample collected (4'-6') at 09:50 for laboratory analysis
8		Fill (Clayey Silt) Brown, non-plastic, soft, damp				Coal at 7.5'
8		Fill (Sandy Gravel) Black/gray, coarse grained, loose, well graded, damp	8-10		0.2	Coke and brick fragments (8.25'-9.75')
10		Sand Brown, fine grained, medium dense, poorly graded, moist	10-12*	100	0.2	Soil sample collected (10'-12') at 10:20 for laboratory analysis
12		Gravelly Sand Brown, medium grained, medium dense, well graded, moist	12-14		0.4	
14		Silty Clay Gray, low plasticity, stiff, damp, trace gravel	14-16	100	0.3	Groundwater at 13'-16'
16		Sand Brown, medium grained, medium dense, poorly graded, saturated				Groundwater sample collected at 12:55 for laboratory analysis
18		Silty Clay Grayish-brown, low plasticity, stiff, damp, trace gravel				
20		Sand Grayish-brown, medium grained, loose, poorly graded, saturated				
20		End of Boring				

PID = photoionizable vapors

ft bg = feet below grade

ND = not detected at 0.1 ppm

-- = no headspace analysis

ppm = parts per million

* = submitted for laboratory analysis



Project Number: JM0823.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring ID: SESB-32
Date Drilled: 06/25/2012
Personnel: Lindsay Perazzo
Boring Location: East of SEMW-9
Driller: ARK

Depth (ft bg)	Symbol	Description	Interval (ft bg)	Recovery %	PID (ppm)	Comments
0		Ground Surface				Soil sample collected (0"-6") at 11:35 for laboratory analysis
		Fill (Sand w/ Coke)				
		Fill (Gravelly Sand) Gray/orange, coarse grained, loose, well graded, damp	0-2	75	0.4	Coke fragments (1'-12.5')
2			2-4		0.6	
4			4-6	75	0.8	Coal at 4'
6			6-8		0.8	Coal at 5'
8			8-10	50	1.1	Coal at 8.25'
10			10-12		1.1	Rock fragments at 10'
12		Silty Clay Gray, high plasticity, soft, wet	12-14*	80	1.2	Soil sample collected (12'-14') at 12:35 for laboratory analysis (MS/MSD)
14			14-16		1.3	
16		Sandy Gravel Gray, coarse grained, dense, well graded, saturated Medium dense	16-18	100	1.2	Groundwater at 15.5' Groundwater sample collected at 14:50 for laboratory analysis
18			18-20		1.2	
20		Sand Gray, medium grained, dense, well graded, some gravel, saturated				End of Boring

PID = photoionizable vapors
 ft bg = feet below grade
 ND = not detected at 0.1 ppm

-- = no headspace analysis
 ppm = parts per million
 * = submitted for laboratory analysis



Project Number: JK0955.320
Client Name: Citizens Energy Group
Project Name: Prospect Southeastern
Drilling Method: Geoprobe
Site Location: Indianapolis, IN
Elevation: N/A

Soil Boring Identification: SETP-1(Boring)
Date Drilled: 10/29/2010
Personnel: Andrew Herrmann, Dawn Knipe
Boring Location: See comments below
Driller: EFS

Depth (ft bg)	Symbol	Description	Interval	Recovery %	FID (ppm)	Comments
0		Ground Surface				Boring Location: S of Test Pit-1
0		Fill (Gravelly Silt) Dark Brown, soft, dry Brick Fragments	0-2	100	0.72	
2		Fill (Sandy Silt) Dark Brown, soft, dry, 20% gravel with metal and glass debris	2-4		0.53	
4		Fill (Silty Sand) Black, loose, poorly graded, fine grained, moist with scrap metal and brick debris	4-6	100	0.48	
6		Fill (Silty Gravel) Black, loose, well graded, medium grained, moist	6-8		0.68	
8		Asphalt debris				Soil sample collected (15.5' - 16.5') at 9:50 for laboratory analysis GW @ 16.5'
8		Fill (Sandy Silt) Black, soft, moist, 15% gravel with scrap metal debris	8-10		1.62	
10			10-12		1.84	
12			12-14		4.93	
14		Clayey Sand Brown/Black, loose, poorly graded, medium grained, wet	14-16		39.98	
16		Sandy Clay Orange/Gray, soft, moist, 3% gravel	16-17		15.21	
18		Sandy Gravel Gray, loose, well graded, medium grained, wet Saturated				
20		End of Boring				

FID = flame ionization detector

ft bg = feet below grade

ND = not detected

-- = no headspace analysis

ppm = parts per million

* = Sample collected for laboratory analysis



SES-33	Project Number: JP1901.320	Date Drilled: 7/6/2016
	Client Name: CEG Prospect	Personnel: SK/AH
	Project Name: Southeastern	Driller: EFS - Ryan
	Drilling Method: Dual Tube	Driller License: NA
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: SE	Surface Elevation*: NA

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	TOPSOIL						Soil sample SESB-33-0-1 collected at 1142
1	FILL MATERIAL	(Silty sand) grayish-brown, medium grained, medium dense, well graded, damp, trace gravel	50	46.2/ 2.8			Wood, brick, and coke fragments (1-4')
2				0.4/ 0.9			
3							
4		Light brown	20	0.2/ 1.0			Black/orange mottling at 6' Soil sample SESB-33-6-8 collected at 1624
5				1.7/ 0.7			
6		Increase gravel					
7		(Sandy clay) black, medium plasticity, soft, damp, trace gravel	70	0.0/ --			
8							
9		(Clayey sand) brown, fine grained, loose, moderately graded, moist, trace gravel		0.0/ 0.0			
10	SAND		10				
11		Light brown, medium grained, medium dense, well graded, saturated, trace gravel		0.4/ 0.6			
12				0.3/ 0.0			
13	SANDY GRAVEL		40				
14		Brown, coarse grained, loose, well graded, saturated		0.1/ 1.9			
15				0.4/ 1.0			
16							
17							
18							
19							
20							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JP1901.320	Date Drilled: 7/6/2016
Client Name: CEG Prospect	Personnel: SK/AH
Project Name: Southeastern	Driller: EFS - Ryan
Drilling Method: Dual Tube	Driller License: NA
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
UTM Northing*: NA	UTM Easting*: NA
Boring Location: SE	Surface Elevation*: NA









SESB-33

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	SANDY GRAVEL		40	0.3/ 1.6			
21							
22			10	0.3/ 0.6			
23							
24	SANDY GRAVEL	Gray	10	0.5/ 1.7			
25							
26			60	0.6/ 1.0			
27							
28	SILTY CLAY	Dark gray, low plasticity, very stiff, damp, trace gravel	60	0.3/ 0.9			Soil sample SESB-33-28-30 collected at 1624
29							
30							
							End of boring at 30'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



SES-34	Project Number: JP1901.320	Date Drilled: 7/6/2016
	Client Name: CEG Prospect	Personnel: SK/AH
	Project Name: Southeastern	Driller: EFS - Kevin
	Drilling Method: Macro-Coring	Driller License: NA
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: SE	Surface Elevation*: NA

Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0		TOPSOIL		75	0.3/ 0.2			Soil sample SESB-34-0-1 collected at 1806 Wood and coal fragments (0.5-13.5')
1			(Gravelly sand) black, coarse grained, loose, well graded, damp, trace clay					
2		Black	0.3/ 0.0					
3								
4		Blackish brown, fine to medium grained	20	0.7/ 0.4	Orange mottling (5-8')			
5								
6		FILL MATERIAL		0.4/ 0.0				
7								
8		Dark brown, moist, increase clay	5	5.0/ 3.7	Soil sample SESB-34-8-10 collected at 1806 Red mottling (8-12')			
9								
10				2.0/ 0.5				
11								
12		SILTY SAND	Gray, medium dense, moderately graded, moist	100				0.8/ 9.8
13								
14		SANDY CLAY	Light brown, wet to saturated Gray, medium plasticity, medium stiff, wet, trace gravel	0.4/ 1.0				
15								
16		SILTY SAND	Gray, fine grained, medium dense, poorly graded, wet, some clayey sand	100				0.8/ 3.9
17								
18		SANDY GRAVEL	Brown, coarse grained, loose, well graded, moist					
19								
20								

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



SES-34	Project Number: JP1901.320	Date Drilled: 7/6/2016
	Client Name: CEG Prospect	Personnel: SK/AH
	Project Name: Southeastern	Driller: EFS - Kevin
	Drilling Method: Macro-Coring	Driller License: NA
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: SE	Surface Elevation*: NA

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	SAND	Gray, coarse grained, medium dense, well graded, wet, trace silt	100	0.7/ 3.0			
21		Fine grained, poorly graded, decrease gravel					
22	SANDY CLAY	Gray, medium plasticity, stiff, damp, trace gravel	100	0.2/ 1.9			
23		Increase sand					
24	SILTY CLAY	Medium plasticity, medium stiff, damp, trace gravel	100	0.0/ 0.0			Soil sample SESB-34-26-28 collected at 1806
25							
26							End of boring at 28'
27							
28							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JP1901.320	Date Drilled: 7/7/2016
Client Name: CEG Prospect	Personnel: SK/AH
Project Name: Southeastern	Driller: EFS - Kevin
Drilling Method: Macro-Coring	Driller License: NA
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
UTM Northing*: NA	UTM Easting*: NA
Boring Location: SE	Surface Elevation*: NA

SESB-35

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	TOPSOIL						Soil sample SESB-35-0-1 collected at 0920
1		(Clayey sand) brownish black, medium grained, medium dense, well graded, damp	60	0.3/ NA			Brick, coke, and glass fragments (0.5-9.5')
2							Orange mottling (2-13')
3				36.4/ NA			
4							
5				0.6/ NA			
6			30				
7	FILL MATERIAL	Orangish brown		0.5/ NA			
8							Soil sample SESB-35-8-10 collected at 0920
9				2.0/ NA			
10			30				
11		Wet, increase clay and gravel		0.6/ NA			
12							
13		Dark gray, medium grained, medium dense, poorly graded, saturated	90	8.0/ NA			
14	SILTY SAND			1.5/ NA			
15							
16		Dark brown, increase gravel and clay					
17		Light gray, medium plasticity, stiff, damp, trace gravel	90	1.4/ NA			
18	SILTY CLAY			1.1/ NA			Soil sample SESB-35-18-20 collected at 0920
19							
20							End of boring at 20'

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



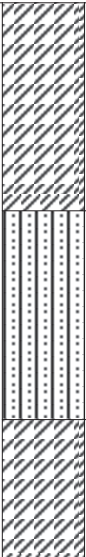




SES-36	Project Number: JP1901.320	Date Drilled: 7/7/2016
	Client Name: CEG Prospect	Personnel: SK/AH
	Project Name: Southeastern	Driller: EFS - Kevin
	Drilling Method: Macro-Coring	Driller License: NA
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: SE	Surface Elevation*: NA

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	TOPSOIL						Soil sample SESB-36-0-1 collected at 1120 Orange mottling (0.5-8') Brick, coke, and glass fragments (1-6')
1		(Clayey sand) black, medium grained, medium dense, moderately graded, trace gravel	50	0.3/ NA			
2				0.4/ NA			Soil sample SESB-36-4-6 collected at 1120
3				1.1/ NA			
4	FILL MATERIAL		30	0.5/ NA			Strong odor and black staining (12-20')
5				0.6/ NA			
6				0.4/ NA			
7		Fine grained, increase sand		162.3/ NA			
8				476.1/ NA			
9				291.5/ NA			
10	SANDY CLAY	Orangish brown/black, high plasticity, soft, damp,	40	19.1/ NA			
11							
12		Increase sand					
13							
14		Dark gray/black, medium grained, medium dense, poorly graded, moist	90				
15	SILTY SAND						
16		Light gray, coarse grained, saturated					
17							
18		Light gray, medium plasticity, stiff, damp, trace sand	100				
19	SILTY CLAY						
20							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



SES-36	Project Number: JP1901.320	Date Drilled: 7/7/2016
	Client Name: CEG Prospect	Personnel: SK/AH
	Project Name: Southeastern	Driller: EFS - Kevin
	Drilling Method: Macro-Coring	Driller License: NA
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: SE	Surface Elevation*: NA

Depth (ft.)		Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20		SILTY CLAY		100	9.2/ NA			
21								
22								
23		SILTY SAND	Light gray, fine grained, medium dense, poorly graded, damp	7.8/ NA				
24								
25		Wet, increase gravel	2.2/ NA					
26		SILTY CLAY	Dark gray, low plasticity, very stiff, damp, trace gravel	100	1.9/ NA		Soil sample SESB-36-26-28 collected at 1220	
27								
28								

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JP1901.320	Date Drilled: 7/7/2016
Client Name: CEG Prospect	Personnel: SK/AH
Project Name: Southeastern	Driller: EFS - Kevin
Drilling Method: Macro-Coring	Driller License: NA
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
UTM Northing*: NA	UTM Easting*: NA
Boring Location: SE	Surface Elevation*: NA

SESB-37

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	TOPSOIL						
1		(Gravelly sand) dark brown, medium grained, well graded, damp, trace clay	75	1.1/ NA			Soil sample SESB-37-0-1 collected at 1405, MS/MSD Wood, brick, coke, and glass fragments (0.5-12')
2							
3				1.4/ NA			
4		Light brown					Soil sample SESB-37-4-6 collected at 1405
5			60	3.0/ NA			Red mottling (5-10')
6							
7	FILL MATERIAL			2.3/ NA			
8							
9		Moist		3.4/ NA			
10		(Sandy clay) orangish brown, medium plasticity, soft, wet	60				
11				1.5/ NA			
12		Black, saturated					Black staining and strong odor (11.5-12')
13		Dark gray		1.3/ NA			
14		Dark gray, coarse grained, medium dense, moderately graded, wet	75				
15				1.1/ NA			
16	SILTY SAND	Increase gravel					
17				1.5/ NA			
18		Light gray, medium plasticity, medium stiff, wet	90				
19	SANDY CLAY			1.3/ NA			
20	GRAVELLY SAND	Light gray, coarse grained, medium dense, well graded, wet					

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JP1901.320	Date Drilled: 7/7/2016
Client Name: CEG Prospect	Personnel: SK/AH
Project Name: Southeastern	Driller: EFS - Kevin
Drilling Method: Macro-Coring	Driller License: NA
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
UTM Northing*: NA	UTM Easting*: NA
Boring Location: SE	Surface Elevation*: NA

SESB-37

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	GRAVELLY SAND		100	2.0/ NA			Soil sample SESB-37-26-28 collected at 1405 End of boring at 28'
21							
22							
23	GRAVELLY SAND	Increase clay		2.4/ NA			
24							
25				3.5/ NA			
26	SILTY CLAY	Gray, low plasticity, very stiff, damp, trace gravel	100				
27				1.8/ NA			
28							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



SES-38	Project Number: JP1901.320	Date Drilled: 7/7/2016
	Client Name: CEG Prospect	Personnel: SK/AH
	Project Name: Southeastern	Driller: EFS - Kevin
	Drilling Method: Macro-Coring	Driller License: NA
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: SE	Surface Elevation*: NA

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	TOPSOIL						
1	FILL MATERIAL	(Clayey sand) brown, medium grained, medium dense, damp, trace gravel	70	0.9/ NA			Soil sample SESB-38-0-1 collected at 1630 Orange mottling (0.5-8') Brick, coke, and glass fragments (1-10')
2				1.0/ NA			
3							
4		Black, increaes clay	25	1.4/ NA			Soil sample SESB-38-4-6 collected at 1630
5				0.7/ NA			
6							
7	SANDY CLAY	Reddish brown/black	20	0.9/ NA			Reddish brown and black mottling (8-11')
8				0.9/ NA			
9		Moist					
10	CLAYEY SAND	Dark brown, medium plasticity, medium to soft, saturated	75	0.7/ NA			Orange mottling (11-12')
11				0.7/ NA			
12							
13		Brown, fine grained, medium dense, poorly graded, wet	100	0.5/ NA			
14		Increase gravel		0.7/ NA			
15		Increase silt					

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



SES-38	Project Number: JP1901.320	Date Drilled: 7/7/2016
	Client Name: CEG Prospect	Personnel: SK/AH
	Project Name: Southeastern	Driller: EFS - Kevin
	Drilling Method: Macro-Coring	Driller License: NA
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: SE	Surface Elevation*: NA

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	CLAYEY SAND		100	1.1/ NA			
21		Brown, coarse grained, medium dense, well graded, saturated, some gravel					
22	SILTY SAND		100	0.8/ NA			
23							
24		Decrease gravel					
25	SILTY CLAY	Dark gray, low plasticity, very stiff, damp, trace gravel	100	0.9/ NA			Soil sample SESB-38-26-28 collected at 1630
26				1.3/ NA			
27							End of boring at 28'
28							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



SES-39	Project Number: JP1901.320	Date Drilled: 7/8/2016
	Client Name: CEG Prospect	Personnel: SK/AH
	Project Name: Southeastern	Driller: EFS - Kevin
	Drilling Method: Macro-Coring	Driller License: NA
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: SE	Surface Elevation*: NA

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	TOPSOIL						Soil sample SESB-39-0-1 collected at 1725
1	FILL MATERIAL	(Silty clay) dark brown, low plasticity, soft, damp, trace sand	70	0.2/ NA			Coke and brick fragments (3-12') Blue and white fill (3.5-4') Reddish brown and orange mottling (4-8') Soil sample SESB-39-4-6 collected at 1730
2				3.2/ NA			
3			20	7.7/ NA			
4				2.0/ NA			
5			15	0.2/ NA			
6				0.0/ NA			
7							
8		(Sandy gravel) black/brown, coarse grained, medium dense, well graded, moist	40	0.0/ NA			
9				0.0/ NA			
10			90	0.0/ NA			
11				0.0/ NA			
12	SILTY SAND	Dark brown, medium grained, medium dense, poorly graded, saturated	40	0.0/ NA			
13	SILTY CLAY	Black, high plasticity, soft, wet, trace sand		0.0/ NA			
14			90	0.0/ NA			
15	SANDY GRAVEL	Light brown, coarse grained, medium dense, well graded, saturated, trace silt		0.0/ NA			
16			90	0.0/ NA			
17				0.0/ NA			
18	SILTY SAND	Dark brown, medium grained, poorly graded, wet, trace gravel	90	0.0/ NA			
19				0.0/ NA			
20							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JP1901.320	Date Drilled: 7/8/2016
Client Name: CEG Prospect	Personnel: SK/AH
Project Name: Southeastern	Driller: EFS - Kevin
Drilling Method: Macro-Coring	Driller License: NA
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
UTM Northing*: NA	UTM Easting*: NA
Boring Location: SE	Surface Elevation*: NA

SESB-39

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	SILTY SAND	Brown, medium grained, medium dense, poorly graded, wet	100	0.2/ NA			
21							
22		Decrease gravel		0.1/ NA			
23							
24							
25				0.0/ NA			
26	SILTY CLAY	Brown/gray, low plasticity, very stiff, damp, trace gravel	100				Soil sample SESB-39-26-28 collected at 1735
27				0.0/ NA			
28							End of boring at 28'


* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



SES-40	Project Number: JP1901.320	Date Drilled: 7/8/2016
	Client Name: CEG Prospect	Personnel: SK/AH
	Project Name: Southeastern	Driller: EFS - Kevin
	Drilling Method: Macro-Coring	Driller License: NA
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: SE	Surface Elevation*: NA

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	ASPHALT						Soil sample SESB-40-0-1 collected at 1100 Orange mottling (0.5-13') Brick and coke fragments (1-3.5')
1	FILL MATERIAL	(Clayey sand) dark brown, fine grained, medium dense, poorly graded, damp	50	0.4/ NA			
2				0.7/ NA			
3		Light brown	50	0.6/ NA			Soil sample SESB-40-4-6 collected at 1110
4				0.7/ NA			
5	GRAVELLY SAND	Light brown, coarse grained, well graded, wet	40	1.3/ NA			
6		Fine grained		1.4/ NA			
7		Light brown, fine grained, medium dense, poorly graded, saturated	95	1.0/ NA			
8				0.9/ NA			
9	SILTY SAND	Gray, fine grained, medium dense, poorly graded, saturated, trace gravel	90	1.3/ NA			
10	CLAYEY SAND			1.3/ NA			
11	GRAVELLY SAND	Coarse grained, medium dense, well graded, saturated		1.3/ NA			
12		Increase clay					

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

	Project Number: JP1901.320	Date Drilled: 7/8/2016
	Client Name: CEG Prospect	Personnel: SK/AH
	Project Name: Southeastern	Driller: EFS - Kevin
	Drilling Method: Macro-Coring	Driller License: NA
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
SESB-40	Boring Location: SE	Surface Elevation*: NA

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	GRAVELLY SAND		100	0.8/ NA			Soil sample SESB-40-22-24 collected at 1055
21							
22	CLAYEY SAND	Fine grained, medium dense, poorly graded, wet		0.9/ NA			
23	SILTY CLAY	Dark gray, low plasticity, very stiff, damp, trace gravel					End of boring at 24'
24							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



SES-41	Project Number: JP1901.320	Date Drilled: 7/8/2016
	Client Name: CEG Prospect	Personnel: SK/AH
	Project Name: Southeastern	Driller: EFS - Kevin
	Drilling Method: Macro-Coring	Driller License: NA
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: SE	Surface Elevation*: NA

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	TOPSOIL						Soil sample SESB-41-0-1 collected at 1550, SB-Dup-2-20160708
1	FILL MATERIAL	(Silty sand) dark brown/black, loose, dry	60	0.2/ NA			
2				0.3/ NA			Coke and brick fragments (2-7')
3							
4	CLAYEY SAND	Dark brown/black, medium grained, medium dense, moderately graded, damp	60	0.3/ NA			Soil sample SESB-41-4-6 collected at 1555
5				0.1/ NA			Orange mottling at 6'
6							
7	SILTY SAND	Dark brown, coarse grained, medium dense, well graded, wet, trace gravel	10	0.2/ NA			Saturated at 8'
8				0.2/ NA			
9	CLAYEY SAND	Dark brown/gray, fine grained, medium dense, poorly graded	70	0.5/ NA			Orange mottling at 13'
10				0.3/ NA			
11		Light brown/gray	90	0.3/ NA			
12		Light brown, fine grained, dense, poorly graded, trace gravel		0.4/ NA			
13		Increase clay					
14		Gray					

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SES-41	Project Number: JP1901.320	Date Drilled: 7/8/2016
	Client Name: CEG Prospect	Personnel: SK/AH
	Project Name: Southeastern	Driller: EFS - Kevin
	Drilling Method: Macro-Coring	Driller License: NA
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: SE	Surface Elevation*: NA

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	SILTY SAND	Light brown, coarse grained, medium dense, poorly graded, wet, trace gravel	90	0.5/ NA			Soil sample SESB-41-26-28 collected at 1545 End of boring at 28'
21							
22	CLAYEY SAND	Gray, fine grained, medium dense, moist	100	0.3/ NA			
23							
24	GRAVELLY SAND	Coarse grained, medium dense, well graded, moist	100	0.5/ NA			
25							
26	SILTY CLAY	Light gray, low plasticity, very stiff, damp, trace gravel	100	0.4/ NA			
27							
28							

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SES-42	Project Number: JP1901.320	Date Drilled: 7/8/2016
	Client Name: CEG Prospect	Personnel: SK/AH
	Project Name: Southeastern	Driller: EFS - Kevin
	Drilling Method: Macro-Coring	Driller License: NA
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: SE	Surface Elevation*: NA

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	TOPSOIL						Soil sample SESB-42-0-1 collected at 1410
1	FILL MATERIAL	(Clayey sand) dark brown, medium grained, medium dense, moderately graded, damp, trace gravel	20	0.4/ NA			Brick and coke fragments (1-10')
2							
3				0.6/ NA			Soil sample SESB-42-2-4 collected at 1405
4							Orange mottling (4-8')
5	SANDY CLAY	Dark brown, medium plasticity, soft, moist, trace gravel	40	0.5/ NA			
6							
7				0.5/ NA			
8	SANDY CLAY	Dark brown, medium plasticity, soft, moist, trace gravel	30	0.5/ NA			
9							
10	SANDY GRAVEL	Dark brown, medium plasticity, soft, moist, trace gravel					
11		Wet		0.5/ NA			
12		Dark brown, medium dense, well graded, saturated, trace silt	80	0.4/ NA			Saturated at 12'
13	SANDY GRAVEL						
14				0.7/ NA			
15							
16	GRAVELLY SAND	Orange/brown, coarse grained, medium dense, well graded, wet, trace silt	80	0.5/ NA			
17							
18				0.5/ NA			
19	GRAVELLY SAND	Fine grained					
20							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



SES-42	Project Number: JP1901.320	Date Drilled: 7/8/2016
	Client Name: CEG Prospect	Personnel: SK/AH
	Project Name: Southeastern	Driller: EFS - Kevin
	Drilling Method: Macro-Coring	Driller License: NA
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: SE	Surface Elevation*: NA

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	SILTY SAND	Light brown/gray, fine grained, poorly graded	90	0.3/ NA			Soil sample SESB-42-26-28 collected at 1415 End of boring at 28'
21				0.3/ NA			
22							
23	SILTY CLAY	Gray, low plasticity, very stiff, damp, trace gravel	100	0.3/ NA			
24							
25							
26							
27							
28							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JP1901.320	Date Drilled: 7/8/2016
Client Name: CEG Prospect	Personnel: SK/AH
Project Name: Southeastern	Driller: EFS - Kevin
Drilling Method: Macro-Coring	Driller License: NA
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
UTM Northing*: NA	UTM Easting*: NA
Boring Location: SE	Surface Elevation*: NA

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	TOPSOIL						
1		Light brown, medium grained, medium dense, well graded, damp, trace gravel	70	0.6/ NA			Soil sample SESB-43-0-1 collected at 1230 Orange mottling (0.5-7') Brick and coke fragments (1-5')
2							
3	FILL MATERIAL			0.5/ NA			Soil sample SESB-43-2-4 collected at 1235
4		Dark brown					
5			25	0.4/ NA			
6							
7		Brown, medium dense, moderately graded, damp, trace gravel		0.6/ NA			
8							
9		Moist		0.9/ NA			
10			40				
11	CLAYEY SAND			0.9/ NA			
12		Gray, coarse grained, saturated		1.1/ NA			
13							
14			50				
15		Fine grained, trace gravel, increase clay		1.2/ NA			
16	SANDY GRAVEL	Light brown, coarse grained, loose, well graded, wet, trace silt		1.0/ NA			
17		Gray, medium grained, medium dense, poorly graded, wet, trace gravel	90				
18	CLAYEY SAND			1.0/ NA			
19							
20							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



SES-43	Project Number: JP1901.320	Date Drilled: 7/8/2016
	Client Name: CEG Prospect	Personnel: SK/AH
	Project Name: Southeastern	Driller: EFS - Kevin
	Drilling Method: Macro-Coring	Driller License: NA
	Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: NA
	UTM Northing*: NA	UTM Easting*: NA
	Boring Location: SE	Surface Elevation*: NA

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	CLAYEY SAND		90	0.5/ NA			Soil sample SESB-43-26-28 collected at 1225 End of boring at 28'
21							
22		Fine grained, decrease gravel					
23				0.7/ NA			
24		Increase silt					
25			95	0.8/ NA			
26							
27	SILTY CLAY	Brownish gray, low plasticity, very stiff, damp		1.5/ NA			
28							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JR0576.359	Date Drilled: 5/11/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
UTM Northing*: 1643165.79	UTM Easting*: 202853.19
Boring Location: SESB-66/SEMW-13	Surface Elevation*: 752.67

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
0	FILL MATERIAL	(Silty sand), dark brown, medium grained, medium dense, damp	80	0.1/ NM			NM = Not measured; FID malfunctioned
1				0.2/ NM			
2			55	0.2/ NM			Brick fragments at 5'
3				0.3/ NM			
4			10	0.7/ NM			
5				1.2/ NM			
6	CLAYEY SAND	(Gravelly sand), dark and light brown, medium grained, loose, damp	50	0.4/ NM			
7				1.4/ NM			
8			70	0.5/ NM			Well screen set at (18.5-28.5')
9	SILTY SAND			0.3/ NM			
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.



Project Number: JR0576.359	Date Drilled: 5/11/2017
Client Name: Citizens Energy Group	Personnel: D.Smith
Project Name: Data Gap Investigation	Driller: EFS - K.Nagle
Drilling Method: Dual Tube	Driller License: 4086WD
Site Address: 2950 Prospect St., Indpls., IN	GW Sample Method: Permanent Well Installed
UTM Northing*: 1643165.79	UTM Easting*: 202853.19
Boring Location: SESB-66/SEMW-13	Surface Elevation*: 752.67

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID/FID (ppm)	GW Sample Interval	Soil Sample Interval	Comments
20	SILTY SAND	Loose	40	0.2/ NM			
21							
22			60	0.2/ NM			
23		Fine grained, medium dense					
24	SILTY CLAY	Wet	85	0.2/ NM			
25							
26			85	0.3/ NM			
27							
28	SILTY CLAY	Gray, low plasticity, hard, damp, trace sand	85	0.1/ NM			End of boring at 32'
29							
30			85	0.1/ NM			
31							
32							

* = UTM Northing, Easting, and Surface Elevation are estimated, unless specified in the report to have been surveyed.

ATTACHMENT D

Soil and Groundwater Analytical Results

Soil Management Plan Surface Soil Analytical Summary

Surface Soil ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
BBSS-99-0-0.5	0	0.5	05/12/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSS-100-0-0.5	0	0.5	05/11/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSS-101-0-0.5	0	0.5	05/11/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSS-102-0-0.5	0	0.5	05/11/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSS-103-0-0.5	0	0.5	05/11/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSS-104-0-0.5	0	0.5	05/11/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSS-105-0-0.5	0	0.5	05/11/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSS-106-0-0.5	0	0.5	05/11/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSS-107-0-0.5	0	0.5	05/11/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSS-108-0-0.5	0	0.5	05/12/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSS-109-0-0.5	0	0.5	05/12/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSS-110-0-0.5	0	0.5	05/11/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSS-111-0-0.5	0	0.5	05/12/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSS-112-0-0.5	0	0.5	05/11/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSS-113-0-0.5	0	0.5	05/12/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSS-114-0-0.5	0	0.5	05/11/2017	>Exc SL	<Res SL	<Res SL	>Res SL	>Exc SL	<Res SL
BBSS-115-0-0.5	0	0.5	05/11/2017	>Res SL	<Res SL	<Res SL	<Res SL	<Res SL	>Res SL
BBSS-116-0-0.5	0	0.5	05/12/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSS-117-0-0.5	0	0.5	05/12/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSS-118-0-0.5	0	0.5	05/11/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSS-119-0-0.5	0	0.5	05/11/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSS-120-0-0.5	0	0.5	05/12/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSS-121-0-0.5	0	0.5	05/12/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSS-122-0-0.5	0	0.5	05/11/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSS-123-0-0.5	0	0.5	05/12/2017	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
BBSS-124-0-0.5	0	0.5	05/11/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	>Res SL
BBSS-125-0-0.5	0	0.5	05/12/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSS-126-0-0.5	0	0.5	05/11/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSS-127-0-0.5	0	0.5	05/10/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSS-58-0-0.5	0	0.5	05/10/2017	>Exc SL	<Res SL	<Res SL	>Res SL	>Exc SL	<Res SL
CSSS-59-0-0.5	0	0.5	05/10/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSS-60-0-0.5	0	0.5	05/10/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
CSSS-61-0-0.5	0	0.5	05/16/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSS-62-0-0.5	0	0.5	05/10/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSS-63-0-0.5	0	0.5	05/10/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	>Res SL
CSSS-64-0-0.5	0	0.5	05/10/2017	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
CSSS-65-0-0.5	0	0.5	05/10/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSS-66-0-0.5	0	0.5	05/10/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
CSSS-67-0-0.5	0	0.5	05/10/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
CSSS-68-0-0.5	0	0.5	05/10/2017	>Ind SL	<Res SL	<Res SL	<Res SL	<Res SL	>Ind SL
CSSS-69-0-0.5	0	0.5	05/10/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL

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PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Surface Soil Analytical Summary

Surface Soil ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
CSSS-70-0-0.5	0	0.5	05/10/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSS-71-0-0.5	0	0.5	05/10/2017	>Ind SL	<Res SL	<Res SL	>Res SL	>Ind SL	<Res SL
CSSS-72-0-0.5	0	0.5	05/10/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
CSSS-73-0-0.5	0	0.5	05/10/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
CSSS-74-0-0.5	0	0.5	05/10/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-1 (0-6")	0	0.5	10/27/2010	>Exc SL	<Res SL	<Res SL	<Res SL	>Exc SL	<Res SL
GSSB-4 (0-6")	0	0.5	10/27/2010	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
GSSB-7 (0-6")	0	0.5	10/26/2010	>Exc SL	<Res SL	<Res SL	>Res SL	>Exc SL	<Res SL
GSSB-11 (0-6")	0	0.5	10/28/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-16 (0-6")	0	0.5	03/16/2011	>Exc SL	NA	NA	NA	>Exc SL	<Res SL
GSSB-17 (0-6")	0	0.5	3/16/2011	>Exc SL	NA	NA	NA	>Exc SL	<Res SL
GSSB-18 (0-6")	0	0.5	03/16/2011	>Exc SL	NA	NA	NA	>Exc SL	<Res SL
GSSB-21 (0-6")	0	0.5	03/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-23 (0-6")	0	0.5	03/14/2011	>Res SL	NA	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-23 (0-6")	0	0.5	03/17/2011	<Res SL	<Res SL	NA	NA	<Res SL	<Res SL
GSSB-24 (0-6")	0	0.5	03/17/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-25 (0-6")	0	0.5	03/15/2011	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
GSSB-26 (0-6")	0	0.5	03/15/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-29 (0-6")	0	0.5	10/25/2010	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
GSSB-31 (0-6")	0	0.5	10/26/2010	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
GSSB-32 (0-6")	0	0.5	10/25/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-33 (0-6")	0	0.5	02/14/2011	>Ind SL	NA	NA	>Ind SL	<Res SL	<Res SL
GSSB-34 (0-6")	0	0.5	02/14/2011	>Res SL	NA	NA	>Res SL	<Res SL	<Res SL
GSSB-35 (0-6")	0	0.5	04/01/2011	<Res SL	NA	NA	<Res SL	<Res SL	<Res SL
GSSB-47	0	0.5	05/30/2013	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
GSSB-48	0	0.5	05/30/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-49 0.5-1	0.5	1	06/04/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-50 0-0.5	0	0.5	06/04/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-51 0-0.5	0	0.5	06/04/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-52 0.5-1	0	0.5	06/04/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-53 0.5-1	0	0.5	06/04/2013	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
GSSB-54 0.5-1	0	0.5	06/04/2013	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
GSSB-90 (0-6")	0	0.5	08/26/2013	>Res SL	NA	NA	NA	>Res SL	<Res SL
GSSB-91 (0-6")	0	0.5	08/26/2013	<Res SL	NA	NA	NA	<Res SL	<Res SL
GSSB-92 (0-6")	0	0.5	08/26/2013	<Res SL	NA	NA	NA	<Res SL	<Res SL
GSSB-93 (0-6")	0	0.5	08/26/2013	>Exc SL	NA	NA	NA	>Exc SL	<Res SL
GSSB-94 (0-6")	0	0.5	08/26/2013	>Res SL	NA	<Res SL	>Res SL	<Res SL	<Res SL
GSSB-95 (0-6")	0	0.5	08/26/2013	<Res SL	NA	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-96 (0-6")	0	0.5	08/26/2013	>Res SL	NA	<Res SL	>Res SL	<Res SL	<Res SL
GSSB-97 (0-6")	0	0.5	08/26/2013	>Res SL	NA	<Res SL	>Res SL	<Res SL	<Res SL
GSSB-98 (0-6")	0	0.5	08/26/2013	<Res SL	NA	<Res SL	<Res SL	<Res SL	<Res SL

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PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Surface Soil Analytical Summary

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GSSB-99 (0-6")	0	0.5	08/26/2013	<Res SL	NA	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-102 (0-6")	0	0.5	10/01/2013	>Ind SL	NA	NA	NA	>Ind SL	<Res SL
GSSB-103 (0-6")	0	0.5	10/01/2013	>Ind SL	NA	NA	NA	>Ind SL	<Res SL
GSSB-104 (0-6")	0	0.5	10/01/2013	<Res SL	NA	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-105 (0-6")	0	0.5	10/01/2013	<Res SL	NA	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-106 (0-6")	0	0.5	10/01/2013	>Res SL	NA	<Res SL	>Res SL	<Res SL	<Res SL
GSSB-107 (0-6")	0	0.5	10/01/2013	>Res SL	NA	<Res SL	>Res SL	<Res SL	<Res SL
GSSB-108 (0-6")	0	0.5	10/01/2013	<Res SL	NA	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-117 (0-6")	0	0.5	11/25/2013	<Res SL	NA	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-118 (0-6")	0	0.5	11/25/2013	<Res SL	NA	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-119 (0-6")	0	0.5	11/25/2013	<Res SL	NA	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-120 (0-6")	0	0.5	11/25/2013	<Res SL	NA	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-121 (0-6")	0	0.5	11/25/2013	<Res SL	NA	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-122 (0-6")	0	0.5	11/25/2013	<Res SL	NA	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-123 (0-6")	0	0.5	11/25/2013	<Res SL	NA	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-124 (0-6")	0	0.5	11/25/2013	>Res SL	NA	<Res SL	>Res SL	<Res SL	<Res SL
GSSB-125 (0-6")	0	0.5	11/25/2013	<Res SL	NA	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-126 (0-6")	0	0.5	5/23/2014	<Res SL	NA	NA	NA	<Res SL	NA
GSSB-127 (0-6")	0	0.5	5/23/2014	>Exc SL	NA	NA	NA	>Exc SL	NA
GSSB-134 (0-6")	0	0.5	09/25/2014	>Res SL	NA	NA	NA	>Res SL	<Res SL
GSSB-135 (0-6")	0	0.5	09/25/2014	>Exc SL	NA	NA	NA	>Exc SL	<Res SL
GSSB-136 (0-6")	0	0.5	09/25/2014	<Res SL	NA	NA	NA	<Res SL	<Res SL
GSSB-137 (0-6")	0	0.5	09/25/2014	<Res SL	NA	NA	NA	<Res SL	<Res SL
GSSB-140 (0-6")	0	0.5	09/25/2014	<Res SL	NA	NA	NA	<Res SL	NA
GSSB-141 (0-6")	0	0.5	09/25/2014	>Res SL	NA	NA	NA	>Res SL	<Res SL
GSSB-142 (0-6")	0	0.5	09/25/2014	>Res SL	NA	NA	NA	>Res SL	<Res SL
GSSB-143 (0-6")	0	0.5	09/25/2014	>Res SL	NA	NA	NA	>Res SL	<Res SL
GSSB-157 (0-6")	0	0.5	10/31/2014	>Exc SL	NA	NA	NA	>Exc SL	NA
GSSB-158 (0-6")	0	0.5	10/31/2014	<Res SL	NA	NA	NA	<Res SL	NA
GSSB-159 (0-6")	0	0.5	10/31/2014	>Res SL	NA	NA	NA	>Res SL	NA
GSSB-161 (6-12")	0.5	1	10/31/2014	<Res SL	NA	NA	NA	<Res SL	NA
GSSB-162 (6-12")	0.5	1	10/31/2014	<Res SL	NA	NA	NA	<Res SL	NA
GSSB-163 (6-12")	0.5	1	10/31/2014	>Res SL	NA	NA	NA	>Res SL	NA
GSSB-164 (6-12")	0.5	1	10/31/2014	>Res SL	NA	NA	NA	>Res SL	NA
GSSB-165 (6-12")	0.5	1	10/31/2014	>Res SL	NA	NA	NA	>Res SL	NA
GSSB-166 (6-12")	0.5	1	10/31/2014	>Res SL	NA	NA	NA	>Res SL	NA
GSSS-174-0-.5	0	0.5	07/11/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSS-175-0-.5	0	0.5	07/11/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSS-176-0-.5	0	0.5	07/11/2016	>Exc SL	<Res SL	<Res SL	<Res SL	>Exc SL	<Res SL
GSSS-177-0-.5	0	0.5	07/11/2016	>Ind SL	<Res SL	<Res SL	<Res SL	>Ind SL	<Res SL
GSSS-178-0-.5	0	0.5	07/11/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL

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Soil Management Plan Surface Soil Analytical Summary

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GSSS-179-0-5	0	0.5	07/11/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSS-180-0-5	0	0.5	07/11/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSS-181-0-5	0	0.5	07/11/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSS-182-0-5	0	0.5	07/11/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSS-183-0-5	0	0.5	07/11/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSS-184-0-5	0	0.5	07/11/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSS-185-0-5	0	0.5	07/11/2016	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
GSSS-186-0-5	0	0.5	07/11/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSS-187-0-5	0	0.5	07/11/2016	>Ind SL	<Res SL	<Res SL	<Res SL	>Ind SL	<Res SL
GSSS-188-0-5	0	0.5	07/11/2016	>Ind SL	<Res SL	<Res SL	<Res SL	>Ind SL	<Res SL
GSSS-189-0-5	0	0.5	07/11/2016	>Ind SL	<Res SL	<Res SL	<Res SL	>Ind SL	<Res SL
GSSS-190-0-5	0	0.5	07/11/2016	>Exc SL	<Res SL	<Res SL	<Res SL	>Exc SL	<Res SL
GSSS-191-0-5	0	0.5	07/11/2016	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
GSSS-192-0-5	0	0.5	05/11/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
GSSS-193-0-2	0	0.5	05/11/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSS-194-0-5	0	0.5	05/11/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSS-195-0-5	0	0.5	05/09/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSS-196-0-5	0	0.5	05/09/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSS-197-0-5	0	0.5	05/09/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSS-198-0-5	0	0.5	05/16/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSS-198-0-5	0	0.5	05/16/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSS-199-0-5	0	0.5	05/10/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSS-200-0-5	0	0.5	05/09/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSS-201-0-5	0	0.5	05/10/2017	>Ind SL	<Res SL	<Res SL	>Ind SL	>Ind SL	>Res SL
GSSS-202-0-5	0	0.5	05/09/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSS-203-0-5	0	0.5	05/09/2017	>Exc SL	<Res SL	<Res SL	<Res SL	>Exc SL	>Res SL
GSSS-204-0-5	0	0.5	05/10/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSS-205-0-5	0	0.5	05/11/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSS-206-0-5	0	0.5	05/09/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSS-207-0-5	0	0.5	06/02/2017	>Res SL	NA	NA	NA	>Res SL	NA
GSSS-208-0-5	0	0.5	05/15/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSS-209-0-5	0	0.5	05/15/2017	>Exc SL	<Res SL	<Res SL	<Res SL	>Exc SL	<Res SL
GSSS-210-0-5	0	0.5	05/09/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSS-211-0-5	0	0.5	05/09/2017	>Ind SL	<Res SL	<Res SL	<Res SL	>Ind SL	<Res SL
GSSSc-219	0	0.5	05/31/2017	>Res SL	NA	NA	NA	>Res SL	NA
GSSSc-220	0	0.5	05/31/2017	<Res SL	NA	NA	NA	<Res SL	NA
GSSSc-221	0	0.5	05/31/2017	>Res SL	NA	NA	NA	>Res SL	NA
GSSSc-222	0	0.5	05/31/2017	>Res SL	NA	NA	NA	>Res SL	NA
GSSSc-223	0	0.5	05/31/2017	>Ind SL	NA	NA	NA	>Ind SL	NA
GSSSc-224	0	0.5	05/31/2017	>Ind SL	NA	NA	NA	>Ind SL	NA
GSSSc-225	0	0.5	05/31/2017	>Res SL	NA	NA	NA	>Res SL	NA

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GSSSc-226	0	0.5	05/31/2017	>Res SL	NA	NA	NA	>Res SL	NA
GSSS-227-0-0.5	0	0.5	06/02/2017	>Ind SL	NA	NA	NA	>Ind SL	NA
GSSS-228-0-0.5	0	0.5	06/02/2017	<Res SL	NA	NA	NA	<Res SL	NA
GSSS-229-0-0.5	0	0.5	06/02/2017	>Res SL	NA	NA	NA	>Res SL	NA
GSSS-230-0-0.5	0	0.5	06/02/2017	<Res SL	NA	NA	NA	<Res SL	NA
GSSS-231-0-0.5	0	0.5	06/02/2017	>Exc SL	NA	NA	NA	>Exc SL	NA
GSSS-232-0-0.5	0	0.5	06/02/2017	>Exc SL	NA	NA	NA	>Exc SL	NA
GSSS-233-0-0.5	0	0.5	06/02/2017	>Exc SL	NA	NA	NA	>Exc SL	NA
GSSS-234-0-0.5	0	0.5	06/02/2017	>Exc SL	NA	NA	NA	>Exc SL	NA
GSSS-235-0-0.5	0	0.5	06/02/2017	>Res SL	NA	NA	NA	>Res SL	NA
GSSS-236-0-0.5	0	0.5	06/02/2017	<Res SL	NA	NA	NA	<Res SL	NA
GSSS-237-0-0.5	0	0.5	06/02/2017	>Exc SL	NA	NA	NA	>Exc SL	NA
GSSS-238-0-0.5	0	0.5	06/02/2017	>Exc SL	NA	NA	NA	>Exc SL	NA
GSSS-239-0-0.5	0	0.5	06/02/2017	>Exc SL	NA	NA	NA	>Exc SL	NA
GSSS-240-0-0.5	0	0.5	06/02/2017	>Exc SL	NA	NA	NA	>Exc SL	NA
GSSS-241-0-0.5	0	0.5	06/02/2017	<Res SL	NA	NA	NA	<Res SL	NA
GSSS-242-0-0.5	0	0.5	06/02/2017	>Exc SL	NA	NA	NA	>Exc SL	NA
GSSS-243-0-0.5	0	0.5	06/02/2017	>Res SL	NA	NA	NA	>Res SL	NA
GSSS-244-0-0.5	0	0.5	06/02/2017	>Res SL	NA	NA	NA	>Res SL	NA
GSSS-245-0-0.5	0	0.5	06/02/2017	>Res SL	NA	NA	NA	>Res SL	NA
GSSS-246-0-0.5	0	0.5	06/08/2017	>Res SL	NA	NA	NA	>Res SL	NA
GSSS-247-0-0.5	0	0.5	06/08/2017	>Res SL	NA	NA	NA	>Res SL	NA
GSSS-248-0-0.5	0	0.5	06/08/2017	>Exc SL	NA	NA	NA	>Exc SL	NA
GSSS-249-0-0.5	0	0.5	06/08/2017	<Res SL	NA	NA	NA	<Res SL	NA
GSSS-250-0-0.5	0	0.5	06/23/2017	>Res SL	NA	NA	NA	>Res SL	NA
SESB-3 (0-6")	0	0.5	10/27/2010	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-4 (0-6)	0	0.5	10/26/2010	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
SESB-5 (0-6")	0	0.5	10/25/2010	>Ind SL	<Res SL	<Res SL	<Res SL	>Ind SL	<Res SL
SESB-6 (0-6")	0	0.5	10/25/2010	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-8 (0-6)	0	0.5	10/26/2010	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-12 (0-6")	0	0.5	10/25/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-13 (0-6")	0	0.5	04/01/2011	>Res SL	NA	NA	>Res SL	<Res SL	NA
SESB-14 (0-6")	0	0.5	02/14/2011	<Res SL	NA	NA	<Res SL	<Res SL	NA
SESB-15 (0-6")	0	0.5	02/14/2011	>Res SL	NA	NA	NA	>Res SL	NA
SESB-16 (0-6")	0	0.5	03/14/2011	<Res SL	NA	NA	NA	<Res SL	NA
SESB-17 (0-6")	0	0.5	03/14/2011	>Ind SL	NA	NA	NA	>Ind SL	NA
SESB-18 (0-6")	0	0.5	02/16/2011	>Res SL	NA	NA	>Res SL	<Res SL	NA
SESB-19 (0-6")	0	0.5	02/16/2011	>Ind SL	NA	NA	>Ind SL	<Res SL	NA
SESB-26 (0-6")	0	0.5	04/01/2011	>Res SL	NA	NA	>Res SL	NA	NA
SESB-27 (0-6")	0	0.5	06/25/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-28 (0-6")	0	0.5	06/25/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL

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NA = Constituents not analyzed

VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

PAHs = Polycyclic Aromatic Hydrocarbons

All screening levels are based on the RCG table A-6 screening levels with updates

PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Surface Soil Analytical Summary

Surface Soil ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
SESB-29 (0-6")	0	0.5	06/25/2012	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-30 (0-6")	0	0.5	06/26/2012	>Ind SL	<Res SL	<Res SL	<Res SL	>Ind SL	<Res SL
SESB-31 (0-6")	0	0.5	06/26/2012	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-32 (0-6")	0	0.5	06/26/2012	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-33-0-1	0	1	07/06/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-34-0-1	0	1	07/06/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-35-0-1	0	1	07/07/2016	>Exc SL	<Res SL	<Res SL	<Res SL	>Exc SL	<Res SL
SESB-36-0-1	0	1	07/07/2016	>Exc SL	<Res SL	<Res SL	<Res SL	>Exc SL	<Res SL
SESB-37-0-1	0	1	07/07/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-38-0-1	0	1	07/07/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-39-0-1	0	1	07/08/2016	>Res SL	<Res SL	NA	<Res SL	>Res SL	<Res SL
SESB-40-0-1	0	1	07/08/2016	>Exc SL	<Res SL	<Res SL	<Res SL	>Exc SL	<Res SL
SESB-41-0-1	0	1	07/08/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-42-0-1	0	1	07/08/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-43-0-1	0	1	07/08/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESS-44-0-.5	0	0.5	07/11/2016	>Ind SL	<Res SL	<Res SL	>Res SL	>Ind SL	<Res SL
SESS-45-0-.5	0	0.5	07/11/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESS-46-0-.5	0	0.5	07/11/2016	>Ind SL	<Res SL	<Res SL	>Ind SL	>Ind SL	<Res SL
SESS-47-0-.5	0	0.5	07/11/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESS-48-0-.5	0	0.5	07/11/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESS-49-0-.5	0	0.5	07/11/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESS-50-0-.5	0	0.5	07/11/2016	>Exc SL	<Res SL	<Res SL	<Res SL	>Exc SL	<Res SL
SESS-51-0-.5	0	0.5	07/11/2016	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
SESS-52-0-.5	0	0.5	07/11/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESS-53-0-0.5	0	0.5	05/10/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESS-54-0-0.5	0	0.5	05/10/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESS-55-0-0.5	0	0.5	05/10/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESS-56-0-0.5	0	0.5	05/09/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESS-57-0-0.5	0	0.5	05/10/2017	>Ind SL	<Res SL	<Res SL	<Res SL	>Ind SL	<Res SL
SESS-58-0-0.5	0	0.5	05/09/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESS-59-0-0.5	0	0.5	05/09/2017	>Exc SL	<Res SL	<Res SL	<Res SL	>Exc SL	<Res SL
SESSc-60	0	0.5	05/31/2017	>Ind SL	NA	NA	>Res SL	>Ind SL	NA
SESS-61-0-0.5	0	0.5	05/09/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESS-62-0-0.5	0	0.5	05/09/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESS-63-0-0.5	0	0.5	05/11/2017	>Exc SL	<Res SL	<Res SL	<Res SL	>Exc SL	<Res SL
SESS-64-0-0.5	0	0.5	05/11/2017	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
SESS-65-0-0.5	0	0.5	05/11/2017	>Ind SL	<Res SL	<Res SL	>Res SL	>Ind SL	<Res SL
SESSc-67	0	0.5	05/31/2017	>Res SL	NA	NA	NA	>Res SL	NA
SESS-68-0-0.5	0	0.5	06/08/2017	>Exc SL	<Res SL	<Res SL	>Res SL	>Exc SL	<Res SL
SESS-69-0-0.5	0	0.5	06/08/2017	>Exc SL	<Res SL	<Res SL	<Res SL	>Exc SL	<Res SL
SESS-70-0-0.5	0	0.5	06/08/2017	>Ind SL	<Res SL	<Res SL	<Res SL	>Ind SL	<Res SL

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PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Surface Soil Analytical Summary

Surface Soil ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
SESS-71-0-0.5	0	0.5	06/08/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESS-72-0-0.5	0	0.5	06/08/2017	>Ind SL	<Res SL	<Res SL	<Res SL	>Ind SL	<Res SL
SESS-73-0-0.5	0	0.5	06/08/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESSc-74-0-0.5	0	0.5	06/28/2017	>Res SL	NA	NA	NA	>Res SL	NA
SESSc-75-0-0.5	0	0.5	06/28/2017	>Res SL	NA	NA	NA	>Res SL	NA
SESSc-76-0-0.5	0	0.5	06/28/2017	>Ind SL	NA	NA	NA	>Ind SL	NA
SESSc-77-0-0.5	0	0.5	06/28/2017	>Res SL	NA	NA	NA	>Res SL	NA
SESSc-78-0-0.5	0	0.5	06/28/2017	>Res SL	NA	NA	NA	>Res SL	NA
SESSc-79-0-0.5	0	0.5	06/28/2017	>Res SL	NA	NA	NA	>Res SL	NA
SE1-A1 (0-6")	0	0.5	7/11/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-A2 (0-6")	0	0.5	7/10/2012	>Res SL	NA	NA	>Res SL	NA	NA
SE1-A3 (0-6")	0	0.5	7/10/2012	>Res SL	NA	NA	>Res SL	NA	NA
SE1-A4 (0-6")	0	0.5	7/11/2012	>Res SL	NA	NA	>Res SL	NA	NA
SE1-A5 (0-6")	0	0.5	7/12/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-A6 (0-6")	0	0.5	7/13/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-A7 (0-6")	0	0.5	7/14/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-A8 (0-6")	0	0.5	7/15/2012	>Res SL	NA	NA	>Res SL	NA	NA
SE1-A9 (0-6")	0	0.5	7/16/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-A10	0	0.5	7/12/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-A11 (0-6")	0	0.5	7/10/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-A12 (0-6")	0	0.5	7/10/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-A13 (0-6")	0	0.5	7/11/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-A14 (0-6")	0	0.5	7/11/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-A15 (0-6")	0	0.5	7/11/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-A16 (0-6")	0	0.5	7/11/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-A17 (0-6")	0	0.5	7/11/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-A18 (0-6")	0	0.5	7/11/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-B1 (0-6")	0	0.5	7/11/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-B2 (0-6")	0	0.5	7/11/2012	>Res SL	NA	NA	>Res SL	NA	NA
SE1-B3 (0-6")	0	0.5	7/11/2012	>Res SL	NA	NA	>Res SL	NA	NA
SE1-B4	0	0.5	7/12/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-B5 (0-6")	0	0.5	7/11/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-B6 (0-6")	0	0.5	7/11/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-B10 (0-6")	0	0.5	7/11/2012	<Res SL	NA	NA	<Res SL	NA	NA
A1-B13	0	0.5	11/15/2012	<Res SL	NA	NA	NA	<Res SL	NA
A1-B15	0	0.5	11/15/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE1-C1	0	0.5	10/16/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-C2	0	0.5	10/16/2012	>Res SL	NA	NA	>Res SL	NA	NA
SE1-C3	0	0.5	10/16/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-C4	0	0.5	10/16/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE1-D1	0	0.5	10/16/2012	<Res SL	NA	NA	<Res SL	NA	NA

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PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Surface Soil Analytical Summary

Surface Soil ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
SE1-D2	0	0.5	10/16/2012	>Res SL	NA	NA	>Res SL	NA	NA
SE1-D3	0	0.5	10/16/2012	<Res SL	NA	NA	<Res SL	NA	NA
A1-E1	0	0.5	11/15/2012	<Res SL	NA	NA	<Res SL	NA	NA
A1-E2	0	0.5	11/15/2012	<Res SL	NA	NA	<Res SL	NA	NA
A1-E3	0	0.5	11/15/2012	<Res SL	NA	NA	<Res SL	NA	NA
A1-E4	0	0.5	11/15/2012	<Res SL	NA	NA	<Res SL	NA	NA
A1-F4	0	0.5	11/15/2012	<Res SL	NA	NA	<Res SL	NA	NA
SE2-A1 (0-6")	0	0.5	7/10/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-A2 (0-6")	0	0.5	7/10/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-A3 (0-6")	0	0.5	7/10/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE2-A4 (0-6")	0	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE2-A5 (0-6")	0	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE2-A6 (0-6")	0	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE2-A7 (0-6")	0	0.5	7/10/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE2-A8 (0-6")	0	0.5	7/10/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-A9 (0-6")	0	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE2-A10 (0-6")	0	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE2-A11 (0-6")	0	0.5	7/10/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-A12 (0-6")	0	0.5	7/10/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-B4 (0-6")	0	0.5	7/10/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE2-B5 (0-6")	0	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE2-B6 (0-6")	0	0.5	7/10/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-B7 (0-6")	0	0.5	7/10/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-B8 (0-6")	0	0.5	7/10/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE2-B9 (0-6")	0	0.5	7/10/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-B10 (0-6")	0	0.5	7/10/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-B11 (0-6")	0	0.5	7/10/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-C1	0	0.5	10/16/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE2-C2	0	0.5	10/16/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE2-C3	0	0.5	10/16/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE2-C4	0	0.5	10/16/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE2-C5	0	0.5	10/16/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE2-C6	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-C7	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-C8	0	0.5	10/16/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE2-C9	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-C10	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-C11	0	0.5	10/16/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE2-C12	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-C13	0	0.5	10/16/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE2-C14	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA

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PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Surface Soil Analytical Summary

Surface Soil ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
SE2-C15	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-C16	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-C17	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-C18	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
A2-C19	0	0.5	11/15/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A2-C20	0	0.5	11/15/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A2-C21	0	0.5	11/15/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-D1	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-D2	0	0.5	10/16/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE2-D3	0	0.5	10/16/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE2-D5	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE2-D11	0	0.5	10/16/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE2-D14	0	0.5	10/16/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A2-D15	0	0.5	11/15/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A2-D16	0	0.5	11/15/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A2-D17	0	0.5	11/15/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A2-D18	0	0.5	11/15/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A2-D19	0	0.5	11/15/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A2-E1	0	0.5	11/15/2012	<Res SL	NA	NA	NA	<Res SL	NA
A2-E2	0	0.5	11/15/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A2-E3	0	0.5	11/15/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A2-E5	0	0.5	11/15/2012	>Res SL	NA	NA	NA	>Res SL	NA
A2-E6	0	0.5	11/15/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A2-E7	0	0.5	11/15/2012	<Res SL	NA	NA	NA	<Res SL	NA
A2-E8	0	0.5	11/15/2012	>Res SL	NA	NA	NA	>Res SL	NA
A2-E9	0	0.5	11/15/2012	<Res SL	NA	NA	NA	<Res SL	NA
1G	0	0.5	11/29/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE3-A1 (3-6")	0.25	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-A2 (3-6")	0.25	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-A3 (0-6")	0	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-A4 (0-6")	0	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-A5 (0-6")	0	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-A6 (0-6")	0	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-A7 (0-6")	0	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-A8 (0-6")	0	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-A11 (0-6")	0	0.5	7/10/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE3-B1 (2-6")	0.16	0.5	7/11/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-B2 (6-12")	0.5	1	7/11/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE3-B3 (0-6")	0	0.5	7/11/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-B4 (0-6")	0	0.5	7/11/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-B5 (0-6")	0	0.5	7/11/2012	>Ind SL	NA	NA	NA	>Ind SL	NA

Notes:

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>Ind SL	= Constituent detected above the 2017 IDEM RCG Commercial/Industrial DC SL
>Exc SL	= Constituent detected above the 2017 IDEM RCG Excavation DC SL

IDEM = Indiana Department of Environmental Management

RCG = IDEM's 2012 Remediation Closure Guide with update (March 6, 2017)

NA = Constituents not analyzed

VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

PAHs = Polycyclic Aromatic Hydrocarbons

All screening levels are based on the RCG table A-6 screening levels with updates

PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Surface Soil Analytical Summary

Surface Soil ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
SE3-B6 (0-6")	0	0.5	7/11/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-B7 (0-6")	0	0.5	7/11/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-B9 (0-6")	0	0.5	7/10/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE3-B11 (2-6")	0.16	0.5	7/11/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE3-B12 (6-12")	0	0.5	7/11/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE3-B13 (3-6")	0.25	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-B14 (2-6")	0.16	0.5	7/11/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-C3	0	0.5	10/17/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE3-C4	0	0.5	10/17/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE3-C5	0	0.5	10/17/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE3-C6	0	0.5	10/17/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE3-C7	0	0.5	10/17/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE3-C8	0	0.5	10/17/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE3-C9	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-C10	0	0.5	10/17/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE3-C11	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-C12	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-C15	0	0.5	10/17/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE3-C16	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-C19	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-C21	0	0.5	10/17/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE3-C22	0	0.5	10/17/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE3-D1	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-D2	0	0.5	10/17/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE3-D3	0	0.5	10/17/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE3-D7	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE3-D9	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A3-E1	0	0.5	11/15/2012	<Res SL	NA	NA	NA	<Res SL	NA
A3-E3	0	0.5	11/15/2012	<Res SL	NA	NA	NA	<Res SL	NA
A3-E4	0	0.5	11/15/2012	<Res SL	NA	NA	NA	<Res SL	NA
A3-F1	0	0.5	11/15/2012	<Res SL	NA	NA	NA	<Res SL	NA
A3-F2	0	0.5	11/15/2012	<Res SL	NA	NA	NA	<Res SL	NA
2G	0	0.5	11/29/2012	<Res SL	NA	NA	NA	<Res SL	NA
3G	0	0.5	11/29/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE4-A1 (6-12")	0	0.5	7/11/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE4-A2 (6-12")	0	0.5	7/11/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE4-A3 (6-12")	0	0.5	7/11/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-A4 (0-6")	0	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-A5 (0-6")	0	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-A6 (0-6")	0	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-A7 (0-6")	0	0.5	7/10/2012	>Ind SL	NA	NA	NA	>Ind SL	NA

Notes:

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>Exc SL	= Constituent detected above the 2017 IDEM RCG Excavation DC SL

IDEM = Indiana Department of Environmental Management

RCG = IDEM's 2012 Remediation Closure Guide with update (March 6, 2017)

NA = Constituents not analyzed

VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

PAHs = Polycyclic Aromatic Hydrocarbons

All screening levels are based on the RCG table A-6 screening levels with updates

PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Surface Soil Analytical Summary

Surface Soil ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
SE4-A8 (6-12")	0	0.5	7/11/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE4-A10 (6-12")	0	0.5	7/11/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-A12 (6-12")	0	0.5	7/11/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-B2 (6-12")	0	0.5	7/11/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE4-B3 (0-6")	0	0.5	7/10/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE4-B4 (0-6")	0	0.5	7/10/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE4-B5 (0-6")	0	0.5	7/11/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-B6 (0-6")	0	0.5	7/11/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-B7 (0-6")	0	0.5	7/11/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE4-B8 (0-6")	0	0.5	7/11/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-B9 (0-6")	0	0.5	7/11/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-B10 (0-6")	0	0.5	7/11/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-B11 (0-6")	0	0.5	7/11/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-B12 (0-6")	0	0.5	7/11/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-B14 (6-12")	0.5	1	7/11/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE4-B15 (6-12")	0.5	1	7/11/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE4-B16 (3-6")	0.25	0.5	7/10/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE4-B19 (3-6")	0.25	0.5	7/10/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE4-B20 (6-12")	0.5	1	7/11/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE4-C1	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-C2	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-C3	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-C5	0	0.5	10/17/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE4-C6	0	0.5	10/17/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE4-C7	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-C8	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-C9	0	0.5	10/17/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE4-C10	0	0.5	10/17/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE4-C11	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-C12	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-C13	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-C17	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-C19	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-D1	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-D2	0	0.5	10/17/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE4-D6	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-D7	0	0.5	10/17/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE4-D8	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA

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VOCs = Volatile Organic Compounds

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PAHs = Polycyclic Aromatic Hydrocarbons

All screening levels are based on the RCG table A-6 screening levels with updates

PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Surface Soil Analytical Summary

Surface Soil ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
SE4-D10	0	0.5	10/17/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE4-D12	0	0.5	10/17/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE4-D13	0	0.5	10/17/2012	>Res SL	NA	NA	NA	>Res SL	NA
A4-E1	0	0.5	11/16/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A4-E2	0	0.5	11/16/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A4-E3	0	0.5	11/16/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A4-E5	0	0.5	11/16/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A4-E6	0	0.5	11/15/2012	<Res SL	NA	NA	NA	<Res SL	NA
A4-E7	0	0.5	11/15/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A4-E8	0	0.5	11/15/2012	>Res SL	NA	NA	NA	>Res SL	NA
A4-E9	0	0.5	11/15/2012	>Res SL	NA	NA	NA	>Res SL	NA
A4-E10	0	0.5	11/16/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A4-F1	0	0.5	11/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
A4-F2	0	0.5	11/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
A4-F3	0	0.5	11/16/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A4-F4	0	0.5	11/16/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
A4-F5	0	0.5	11/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
A4-F6	0	0.5	11/16/2012	<Res SL	NA	NA	NA	<Res SL	NA
A4-F7	0	0.5	11/15/2012	<Res SL	NA	NA	NA	<Res SL	NA
A4-F10	0	0.5	11/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
A4-F11	0	0.5	11/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
A4-F12	0	0.5	11/16/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
4G	0	0.5	11/29/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
5G	0	0.5	11/29/2012	<Res SL	NA	NA	NA	<Res SL	NA
6G	0	0.5	12/14/2012	>Ind SL	NA	NA	NA	>Ind SL	NA
SE5-A1	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE5-A2	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE5-A3	0	0.5	10/16/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE5-A5	0	0.5	10/16/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE5-A6	0	0.5	10/16/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE5-A7	0	0.5	10/16/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE5-A8	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE5-A9	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE5-A10	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE5-A12	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE5-B1	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE5-B2	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE5-B6	0	0.5	10/16/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE5-B7	0	0.5	10/16/2012	<Res SL	NA	NA	NA	<Res SL	NA
SE5-B18	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA
SE5-B19	0	0.5	10/16/2012	>Res SL	NA	NA	NA	>Res SL	NA

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PAHs = Polycyclic Aromatic Hydrocarbons

All screening levels are based on the RCG table A-6 screening levels with updates

PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Figure Area		Figure ID		The following notes summarize the color of screening level (SL) exceedances: BOLD = Constituent detected above Laboratory Reporting Level																													
		Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene (3)	D-n-butylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Indeno(1,2,3-cd)pyrene	Isophorone	N-Nitrosodiphenylamine	Naphthalene	Phenanthrene	Phenol	Pyrene	2-Ethylhexylphthalate	1-Methylphtalate	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene (3)	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene (3)	Dibenz(a,h)anthracene	Fluoranthene			
act	act	NA	160	4,100	1,600	8,800	1.6	100	3,400	210	8,000	1,500	53	NE	27,000	23,000	550	NE	340	5,000	NE	25,000	16	1.6	210	210	NE	2,100	160	1,600	1.6	3,400	
act	act	NA	2,100	12,000	21,000	82,000	21	1,000	30,000	210	24,000	4,700	170	NE	100,000	100,000	1,400	NE	6,800	100,000	NE	100,000	210	21	210	210	NE	2,100	160	21,000	21	30,000	
		NA	100,000	100,000	100,000	100,000	1,200	1,900	68,000	12,000	100,000	100,000	3,100	NE	100,000	51,000	34,000	NE	6,800	100,000	NE	100,000	12,000	500	12,000	12,000	NE	100,000	100,000	100,000	1,200	68,000	
		NA	NA	<0.420	NA	<0.420	NA	<0.420	NA	NA	<0.420	<0.420	NA	NA	<0.420	NA	<0.420	NA	0.29	<0.032	0.2	0.23	0.79	0.53	0.71	0.29	0.5	0.9	0.17	1.3			
		NA	NA	<0.420	NA	<0.420	NA	<0.420	NA	NA	<0.420	<0.420	NA	NA	<0.420	NA	<0.420	NA	0.28	<0.032	0.12	0.12	0.39	0.29	0.49	0.18	0.23	0.56	0.097	0.65			
		NA	NA	<0.450	NA	<0.450	NA	<0.450	NA	NA	<0.450	<0.450	NA	NA	<0.450	NA	<0.450	NA	0.077	<0.068	0.014	0.019	0.058	0.038	0.073	0.023	0.044	0.1	0.012	0.12			
		NA	NA	<0.410	NA	<0.410	NA	0.68	NA	NA	<0.410	<0.410	NA	NA	0.54	NA	NA	<0.410	NA	1	0.069	1.9	1.7	6.1	4.6	4.3	2	3.5	6	1.4	6.2		
		NA	NA	<0.460	NA	<0.460	NA	1.7	NA	NA	<0.460	<0.460	NA	NA	0.74	NA	NA	<0.460	NA	1.9	0.23	4.3	6.7	17.2	11.2	10.5	4.6	8.1	17.1	2.6	32.8		
		NA	NA	<0.370	NA	<0.370	NA	<0.370	NA	NA	<0.370	<0.370	NA	NA	<0.370	NA	<0.370	NA	<0.0056	<0.0056	0.012	0.025	0.08	0.057	0.083	0.051	0.043	0.1	0.014	0.23			
		NA	NA	<0.360	NA	<0.360	NA	<0.360	NA	NA	<0.360	<0.360	NA	NA	<0.360	NA	<0.360	NA	<0.028	<0.028	0.055	0.063	0.14	0.096	0.12	0.059	0.078	0.16	<0.028	0.29			
		NA	NA	0.56	NA	0.65	NA	0.94	NA	NA	<0.440	<0.440	NA	NA	<0.440	NA	<0.440	NA	1.1	0.16	0.87	1.4	3.1	2.2	2.9	1.3	1.9	3.6	0.64	0.59			
		NA	NA	<0.370	NA	<0.370	NA	<0.370	NA	NA	<0.370	<0.370	NA	NA	<0.370	NA	<0.370	NA	0.22	<0.056	0.64	0.91	2.1	1.4	1.5	0.77	1.2	2.2	0.36	3.8			
		NA	NA	<0.380	NA	<0.380	NA	<0.380	NA	NA	<0.380	<0.380	NA	NA	<0.380	NA	<0.380	NA	0.038	0.019	0.027	0.082	0.22	0.12	0.17	0.069	0.099	0.29	0.032	0.05			
		NA	NA	<0.380	NA	<0.380	NA	<0.380	NA	NA	<0.380	<0.380	NA	NA	<0.380	NA	<0.380	NA	0.64	0.086	0.24	0.51	1.3	0.76	1	0.4	0.66	1.6	0.19	2.7			
		NA	NA	<0.390	NA	<0.390	NA	<0.390	NA	NA	<0.390	<0.390	NA	NA	<0.390	NA	<0.390	NA	0.37	0.087	0.19	0.59	1.2	0.88	0.9	0.51	0.65	1.3	0.18	2.8			
		NA	NA	<0.400	NA	<0.400	NA	1.5	NA	NA	<0.400	<0.400	NA	NA	<0.400	NA	<0.400	NA	2.8	0.19	2.2	3.2	9.2	6	5.7	2.3	4.1	8.9	1.3	21			
		NA	NA	<0.400	NA	<0.400	NA	<0.400	NA	NA	<0.400	<0.400	NA	NA	<0.400	NA	<0.400	NA	0.73	0.039	0.22	0.69	0.92	0.56	0.75	0.27	0.48	1.2	0.14	1.9			
		NA	NA	<0.410	NA	<0.410	NA	<0.410	NA	NA	<0.410	<0.410	NA	NA	<0.410	NA	<0.410	NA	0.36	0.12	0.73	0.58	1.8	1.4	1.5	0.79	1	1.8	0.4	2.6			
		NA	NA	<0.360	NA	<0.360	NA	<0.360	NA	NA	<0.360	<0.360	NA	NA	<0.360	NA	<0.360	NA	0.075	<0.027	0.16	0.24	0.96	0.68	0.91	0.4	0.57	1.1	0.18	1.6			
		NA	NA	<0.370	NA	<0.370	NA	2.4	NA	NA	<0.370	<0.370	NA	NA	0.38	NA	<0.370	NA	1.6	0.3	3.7	7	16.2	9.9	10.1	4.9	7.7	15.9	2.4	33.4			
		NA	NA	<0.360	NA	<0.360	NA	0.93	NA	NA	<0.360	<0.360	NA	NA	<0.360	NA	<0.360	NA	1.3	0.14	1.6	2.4	6.5	4.4	4.8	2.2	3.2	6.7	1.1	12.4			
		NA	NA	<0.380	NA	<0.380	NA	0.69	NA	NA	<0.380	<0.380	NA	NA	<0.380	NA	<0.380	NA	1.3	0.15	0.52	0.92	2.1	1.3	1.8	0.86	1.3	2.5	0.39	4.1			
		NA	NA	<0.380	NA	<0.380	NA	0.56	NA	NA	<0.380	<0.380	NA	NA	<0.380	NA	<0.380	NA	0.9	0.33	0.89	1.6	4.4	3.3	3.7	1.9	2.4	4.9	0.78	9.5			
		NA	NA	1.3	NA	<0.360	NA	0.41	NA	NA	<0.360	<0.360	NA	NA	<0.360	NA	0.41	NA	0.41	0.064	1.1	1.7	4.6	3.5	3.7	2	2.8	5.4	0.88	7.6			
		NA	NA	<0.370	NA	<0.370	NA	<0.370	NA	NA	<0.370	<0.370	NA	NA	<0.370	NA	<0.370	NA	0.036	0.015	0.24	0.39	0.79	0.64	0.65	0.44	0.44	0.93	0.13	2.2			
		NA	NA	<0.370	NA	<0.370	NA	<0.360	NA	NA	<0.360	<0.360	NA	NA	0.38	NA	<0.360	NA	0.48	0.059	1	1.1	3	2.3	2.1	1.4	1.8	3.2	0.66	3.9			
		NA	NA	<0.370	NA	<0.370	NA	<0.370	NA	NA	<0.370	<0.370	NA	NA	<0.370	NA	<0.370	NA	0.39	0.18	0.37	0.29	0.4	0.26	0.3	0.18	0.2	0.45	0.069	1.0			
		NA	NA	<0.370	NA	<0.370	NA	<0.370	NA	NA	<0.370	<0.370	NA	NA	<0.370	NA	<0.370	NA	0.31	0.11	0.082	0.24	0.34	0.22	0.26	0.13	0.18	0.41	0.059	0.9			
		NA	NA	0.46	NA	<0.380	NA	0.56	NA	NA	<0.380	<0.380	NA	NA	<0.380	NA	0.55	NA	1	0.12	1.7	1	3.2	3	3.2	2	2.3	3.4	0.95	4.3			
		NA	NA	0.89	NA	<0.370	NA	<0.370	NA	NA	<0.370	<0.370	NA	NA	<0.370	NA	<0.370	NA	0.19	0.036	0.6	0.81	2.3	1.7	1.9	1.1	1.2	2.4	0.41	5.0			
		NA	NA	<0.380	NA	<0.380	NA	0.56	NA	NA	<0.380	<0.380	NA	NA	<0.380	NA	<0.380	NA	1.1	0.11	3.5	1.4	3.6	3.8	4.9	4.9	3.7	4.2	1.5	4.7			
		NA	NA	2.2	NA	2.3	NA	1.6	NA	NA	<0.390	<0.390	NA	NA	<0.410	NA	3.5	NA	2.1	0.78	1.8	2.6	8.2	7.3	7.4	3.8	4.8	9.3	1.7	22.6			
		NA	NA	<0.390	NA	<0.390	NA	<0.390	NA	NA	<0.390	<0.390	NA	NA	<0.390	NA	<0.390	NA	1.1	0.019	0.12	0.11	0.38	0.26	0.27	0.13	0.2	0.42	0.065	0.64			
		NA	NA	<0.380	NA	<0.380	NA	1.2	NA	NA	<0.380	<0.380	NA	NA	<0.380	NA	<0.380	NA	1.7	0.26	3.5	3.1	9.6	8.4	6.1	4.3	4.8	9.2	1.9	14.4			
		NA	NA	<0.380	NA	<0.380	NA	0.6	NA	NA	<0.380	<0.380	NA	NA	<0.380	NA	<0.380	NA	1.2	0.2	2.1	1.6	5.8	5	4.2	2.7	3.4	5.7	1.2	8			
		NA	NA	<0.380	NA	<0.380	NA	<0.380	NA	NA	<0.380	<0.380	NA	NA	<0.380	NA	<0.380	NA	0.083	<0.0058	0.0063	<0.0058	0.013	0.0083	0.011	<0.0058	0.0065	0.021	<0.0058	0.017			
		NA	NA	<0.470	NA	<0.470	NA	<0.470	NA	NA	<0.470	<0.470	NA	NA	<0.470	NA	<0.470	NA	0.11	<0.071	0.6	0.53	1.5	1.8	2.2	1.3	1.5	2.1	0.56	1.3			
		NA	NA	<0.370	NA	<0.370	NA	0.75	NA	NA	<0.370	<0.370	NA	NA	<0.370	NA	<0.370	NA	0.37	0.077	0.13	0.25	0.58	0.36	0.48	0.17	0.34	0.62	0.093	1.1			
		NA	NA	<0.410	NA	<0.410	NA	0.54	NA	NA	<0.410	<0.410	NA	NA	<0.410	NA	<0.410	NA	1.1	0.1	0.96	0.93	2.8	2.2	2.6	0.99	1.8	3.3	0.73	2.9			
		NA	NA	<0.380	NA	<0.380	NA	0.82	NA	NA	<0.380	<0.380	NA	NA	<0.380	NA	<0.380	NA	1.5	0.094	0.58	0.67	1.4	1.2	1.3	0.63	0.95	1.6	0.33	1.9			
		NA	NA	<0.440	NA	<0.440	NA	<0.440	NA	NA	<0.440	<0.440	NA	NA	<0.440	NA	<0.440	NA	0.51	0.045	0.19	0.27	0.77	0.56	0.63	0.29	0.44	0.79	0.15	1.2			
		NA	NA	<0.380	NA	<0.380	NA	0.74	NA	NA	<0.380	<0.380	NA	NA	<0.380	NA	<0.380	NA	0.43	0.1	0.24	0.35	1.1	0.87	0.97	0.51	0.68	1.1	0.26	1.6			
		NA	NA	<0.420	NA	<0.420	NA	1.3	NA	NA	<0.420	<0.420	NA	NA	<0.420	NA	<0.420	NA	0.3	0.097	1	0.65	2.7	2	2.1	0.98	1.7	2.9	0.58	2.8			

Depth (m)	Sample Date	Figure ID		Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Mercury	Extended Range Organics	Gasoline Range Organics	PCB-1248 (Aroclor)	PCB-1254 (Aroclor)	PCB-1260 (Aroclor)	Nitrogen, Ammonia	Nitrogen, Nitrate		
		Figure Area	Figure ID																													
0.5	Identical Direct Contact	100,000	43	9.5	21,000	220	NE	NE	NE	NE	4,300	77,000	400	2,500	2,100	550	550	66,000	1.1	66,000	550	32,000	3.1	NE	NE	NE	3.2	9.7	3.4	NE	100,000	11,000
	Ind Direct Contact	100,000	470	30	100,000	2,300	NE	NE	NE	NE	47,000	100,000	800	26,000	22,000	5,400	5,400	100,000	12	100,000	5,800	100,000	3.1	NE	NE	9.5	1.7	9.9	9.9	NE	100,000	100,000
	Ind Direct Contact	100,000	790	920	100,000	3,800	NE	NE	NE	NE	79,000	100,000	1,000	46,000	38,000	9,800	9,800	100,000	20	100,000	9,900	100,000	3.1	NE	NE	560	33	570	570	NE	100,000	100,000
	05/12/2017	9,590	<1.3	11	86.2	0.67	0.9	19.5	36	16,700	120	372	17	<1.3	<0.640	17.6	<1.3	NA	25.1	21.4	<0.260	NA	NA	NA	NA	<0.130	<0.130	<0.130	7.2	<6.4	<6.4	
	05/12/2017	8,780	<1.2	10.2	81.1	0.64	0.88	17.1	33.3	15,200	97.7	353	15.6	<1.2	<0.590	29.1	<1.2	NA	23.7	188	<0.250	NA	NA	NA	NA	<0.130	<0.130	<0.130	8.5	<6.5	<6.5	
0.5	05/11/2017	9,990	<1.2	9.4	74.7	0.69	0.62	15.2	25	15,000	44.3	360	15.1	<1.2	<0.620	13.6	<1.2	NA	26.1	87.9	<0.280	NA	NA	NA	NA	<0.140	<0.140	<0.140	8.3	<6.8	<6.8	
0.5	05/11/2017	6,670	<1.2	7	48.2	<0.620	<0.620	13	22.7	12,300	29.4	309	13.8	<1.2	<0.620	26.4	<1.2	NA	17.9	95.1	<0.240	NA	NA	NA	NA	<0.120	<0.120	<0.120	8.1	<6.2	<6.2	
0.5	05/11/2017	6,260	<1.4	8.2	61.8	<0.690	<0.690	17.9	49.1	16,800	37.5	377	16.1	<1.4	<0.690	29.4	<1.4	NA	19.0	149	<0.270	NA	NA	NA	NA	<0.140	<0.140	<0.140	11.8	<6.9	<6.9	
0.5	05/11/2017	3,780	<1.1	3.2	17.9	<0.560	<0.560	4.1	4.8	2,700	44.9	27.1	3.8	<1.1	<0.560	23	<1.1	NA	5.5	27.1	<0.220	NA	NA	NA	NA	<0.110	<0.110	<0.110	<5.7	<5.7	<5.7	
0.5	05/11/2017	3,910	<1.1	1.7	12.4	<0.530	<0.530	6.1	4.3	5,230	3.2	195	6.8	<1.1	<0.530	51.7	<1.1	NA	5.0	15.7	<0.230	NA	NA	NA	NA	<0.110	<0.110	<0.110	<5.5	<5.5	<5.5	
0.5	05/11/2017	12,900	<1.3	7.8	86.9	<0.670	<0.670	23.9	23.3	22,500	16.2	514	27.1	<1.3	<0.670	18.4	<1.3	NA	28.8	93.6	<0.260	NA	NA	NA	NA	<0.130	<0.130	<0.130	8.2	<6.7	<6.7	
0.5	05/11/2017	3,750	<1.1	3.5	35.7	<0.550	0.69	17.1	24.5	13,900	17.3	306	12.9	<1.1	<0.550	84.6	<1.1	NA	10.8	217	<0.220	NA	NA	NA	NA	<0.110	<0.110	<0.110	<5.5	<5.6	<5.6	
0.5	05/11/2017	2,970	<1.1	5.3	45.2	<0.540	0.79	20.2	39.5	15,100	145	268	17.2	<1.1	<0.540	66.1	<1.1	NA	10.9	183	0.64	NA	NA	NA	NA	<0.120	<0.120	<0.120	<5.8	<5.8	<5.8	
0.5	05/12/2017	6,000	<1.0	6.1	52.7	0.83	<0.510	21.6	33.3	22,800	33.9	277	17.6	<1.0	<0.510	79.2	1.1	NA	15.9	170	<0.240	NA	NA	NA	NA	<0.110	<0.110	<0.110	<5.7	<5.7	<5.7	
0.5	05/12/2017	4,700	<1.1	4.2	34.9	<0.540	<0.540	11.6	11.6	19.4	182	93.3	11.5	<1.1	<0.540	37.5	<1.1	NA	10	113	<0.230	NA	NA	NA	NA	<0.120	<0.120	<0.120	<5.9	<5.8	<5.8	
0.5	05/11/2017	3,110	<1.1	4	49.9	<0.540	0.81	34	31.6	19,400	49.9	232	18.2	<1.1	<0.540	50.3	<1.1	NA	10.4	420	0.31	NA	NA	NA	NA	<0.120	<0.120	<0.120	<6.1	<6.0	<6.0	
0.5	05/11/2017	1,150	<1.1	2.7	27.9	<0.530	<0.530	16.8	17.6	10,500	10.5	110	10.4	<1.1	<0.530	20.1	<1.1	NA	5.5	67.2	<0.260	NA	NA	NA	NA	<0.120	<0.120	<0.120	<6.0	<6.1	<6.1	
0.5	05/12/2017	3,470	<1.1	6.9	55.7	<0.560	<0.560	37.8	40.3	18,600	43	216	19.2	<1.1	<0.560	55.4	<1.1	NA	13.8	488	<0.260	NA	NA	NA	NA	<0.120	<0.120	<0.120	<6.2	<6.2	<6.2	
0.5	05/11/2017	3,070	<0.980	2.2	23.7	<0.490	<0.490	6.2	9.8	3,820	48.6	118	4.2	<0.980	<0.490	26.6	<0.980	NA	5.4	35.1	0.45	NA	NA	NA	NA	<0.110	<0.110	<0.110	<5.5	<5.5	<5.5	
0.5	05/12/2017	7,850	<1.1	8.7	77.3	0.98	<0.540	24.6	56.6	26,900	79.2	450	17.1	<1.1	<0.540	92.6	<1.1	NA	11.3	132	0.32	NA	NA	NA	NA	<0.110	<0.110	<0.110	<5.7	<5.7	<5.7	
0.5	05/11/2017	3,540	1.8	6.3	114	<0.520	2.3	42.2	50.6	40,200	45.2	430	24.4	<1.0	<0.520	109	<1.0	NA	9.3	426	5.2	NA	NA	NA	NA	<0.110	<0.110	<0.110	<5.5	<5.6	<5.6	
0.5	05/11/2017	2,020	<1.1	5.1	54.6	<0.560	0.73	31.4	27.8	28,000	90.8	289	7.2	<1.1	<0.560	69.9	<1.1	NA	7.7	100	2.4	NA	NA	NA	NA	<0.120	<0.120	<0.120	<5.7	<5.7	<5.7	
0.5	05/12/2017	1,930	<1.1	5.7	38.3	<0.570	<0.570	34.3	48.8	44,900	35.3	551	17.9	<1.1	<0.570	61.6	<1.1	NA	10.2	155	<0.240	NA	NA	NA	NA	<0.120	<0.120	<0.120	<5.7	<5.8	<5.8	
0.5	05/12/2017	3,510	<1.1	5.8	48.6	<0.540	0.6	20.8	36.7	24,900	47.5	312	14.4	<1.1	<0.540	95.9	<1.1	NA	10.1	336	0.29	NA	NA	NA	NA	<0.110	<0.110	<0.110	<5.3	<5.4	<5.4	
0.5	05/11/2017	3,740	<1.1	2.6	27.6	<0.540	<0.540	7	6.1	2,890	39	36	4.6	<1.1	<0.540	26.1	<1.1	NA	5.8	18.7	<0.230	NA	NA	NA	NA	<0.110	<0.110	<0.110	<5.5	<5.5	<5.5	
0.5	05/11/2017	3,190	<1.1	7.1	46.1	<0.540	4.7	13.4	37.2	12,200	61.4	239	12.2	<1.1	<0.540	106	<1.1	NA	11.1	121	0.52	NA	NA	NA	NA	<0.110	<0.110	<0.110	<5.4	<5.5	<5.5	
0.5	05/12/2017	5,730	<1.0	4.5	40.3	<0.510	<0.510	16	14.3	9,060	13.4	214	10.8	<1.0	<0.510	193	1.7	NA	13.0	95.9	<0.230	NA	NA	NA	NA	<0.110	<0.110	<0.110	<5.6	<5.7	<5.7	
0.5	05/12/2017	7,100	<1.1	7.5	46.8	<0.560	<0.560	18.2	20.6	11,900	34.3	230	11.4	<1.1	<0.560	182	2.1	NA	16.5	96.6	<0.220	NA	NA	NA	NA	<0.110	<0.110	<0.110	<5.6	<5.7	<5.7	
0.5	05/12/2017	2,260	<1.1	6.5	43.7	<0.530	0.66	35.1	61.3	29,700	37.7	304	27	<1.1	<0.530	85.4	<1.1	NA	11.4	95.2	0.31	NA	NA	NA	NA	<0.110	<0.110	<0.110	<5.7	<5.7	<5.7	
0.5	05/11/2017	2,210	<1.0	2.6	37.9	<0.500	<0.500	16.5	28.7	17,100	22.6	286	15.4	<1.0																		

Date	Figure Area		Figure ID																																
				1,1,2-Trichloroethane	1,2,4-Trimethylben	1,3,5-Trimethylben	2-Butanone (MEK)	2-Chlorotoluene	Acetone	Benzene	Carbon disulfide	Ethylbenzene	Isopropylbenzene (Tumene)	Methylene Chlorid	Naphthalene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Xylene (Total)	n-Butylbenzene	n-Hexane	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	All Remaining VOCs	2,4-Dimethylphenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	3,4-Methylphenol	4-Chloroaniline			
Contact	5	5		2.1	220	180	28,000	910	85,000	17	740	81	270	490	53	870	110	820	5.7	260	110	140	260	NE	150	180	NE	16,000	335	4,500	NE	38	5		
Contact	10	10		6.3	220	180	28,000	910	100,000	51	740	250	270	3,200	170	870	170	820	19	260	110	140	260	NE	150	180	NE	16,000	3,010	41,000	NE	110	45		
Contact	15	15		35	220	180	28,000	910	100,000	1,800	740	480	270	3,500	3,100	870	170	820	95	260	110	140	260	NE	150	180	NE	34,000	6,740	87,000	NE	6,000	100		
2017				<0.0080	<0.0080	<0.0080	<0.040	<0.0080	<0.160	<0.0080	<0.016	<0.0080	<0.0080	<0.032	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.016	<0.0080	<0.0094	<0.0094	<0.0080	<0.0080	<0.0080	<0.0080	<0.400	NA	<0.400	<0.800	<0.800	<0.800	<0.800	<0.800
2017				<0.0079	<0.0079	<0.0079	<0.039	<0.0079	<0.160	<0.0079	<0.016	<0.0079	<0.0079	<0.032	0.061	<0.0079	<0.0079	<0.0079	<0.0079	<0.016	<0.0079	<0.0099	<0.0099	<0.0079	<0.0079	<0.0079	<0.0079	<0.400	NA	<0.400	<0.800	<0.800	<0.800	<0.800	<0.800
2017				<0.0092	<0.0092	<0.0092	<0.046	<0.0092	<0.180	<0.0092	<0.018	<0.0092	<0.0092	<0.037	<0.0092	<0.0092	<0.0092	<0.0092	<0.0092	<0.018	<0.0092	<0.0099	<0.0099	<0.0092	<0.0092	<0.0092	<0.0092	<0.410	NA	<0.410	<0.820	<0.820	<0.820	<0.820	<0.820
2017				<0.0086	<0.0086	<0.0086	<0.043	<0.0086	<0.170	<0.0086	<0.017	<0.0086	<0.0086	<0.034	<0.0086	<0.0086	<0.0086	<0.0086	<0.0086	<0.017	<0.0086	<0.0096	<0.0096	<0.0086	<0.0086	<0.0086	<0.0086	<0.380	NA	<0.380	<0.760	<0.760	<0.760	<0.760	<0.760
2017				<0.0073	<0.0073	<0.0073	<0.036	<0.0073	<0.150	<0.0073	<0.015	<0.0073	<0.0073	<0.029	<0.0073	<0.0073	<0.0073	<0.0073	<0.015	<0.0073	<0.0094	<0.0094	<0.0073	<0.0073	<0.0073	<0.0073	<0.440	NA	<0.440	<0.880	<0.880	<0.880	<0.880	<0.880	
2017				<0.0094	<0.0094	<0.0094	<0.047	<0.0094	<0.190	<0.0094	<0.019	<0.0094	<0.0094	<0.038	<0.0088	<0.0094	<0.0094	<0.0094	<0.0094	<0.019	<0.0094	<0.0099	<0.0099	<0.0094	<0.0094	<0.0094	<0.0094	<0.390	NA	<0.390	<0.790	<0.790	<0.790	<0.790	<0.790
2017				<0.0081	<0.0081	<0.0081	<0.040	<0.0081	<0.160	<0.0081	<0.016	<0.0081	<0.0081	<0.032	<0.0081	<0.0081	<0.0081	<0.0081	<0.0081	<0.016	<0.0081	<0.0099	<0.0099	<0.0081	<0.0081	<0.0081	<0.0081	<0.380	NA	<0.380	<0.760	<0.760	<0.760	<0.760	<0.760
2017				<0.0078	<0.0078	<0.0078	<0.039	<0.0078	<0.160	<0.0078	<0.016	<0.0078	<0.0078	<0.031	0.011	<0.0078	<0.0078	<0.0078	<0.0078	<0.016	<0.0078	<0.0099	<0.0099	<0.0078	<0.0078	<0.0078	<0.0078	<0.390	NA	0.49	<0.770	<0.770	<0.770	<0.770	<0.770
2017				<0.0096	<0.0096	<0.0096	<0.048	<0.0096	<0.190	<0.0096	<0.019	<0.0096	<0.0096	<0.039	<0.0096	<0.0096	<0.0096	<0.0096	<0.0096	<0.019	<0.0096	<0.0099	<0.0099	<0.0096	<0.0096	<0.0096	<0.0096	<0.400	NA	<0.400	<0.800	<0.800	<0.800	<0.800	<0.800
2017				<0.0066	<0.0066	<0.0066	<0.033	<0.0066	<0.130	<0.0066	<0.013	<0.0066	<0.0066	<0.026	<0.0078	<0.0066	<0.0066	<0.0066	<0.0066	<0.013	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.420	NA	<0.420	<0.840	<0.840	<0.840	<0.840	<0.840
2017				<0.0065	<0.0065	<0.0065	<0.032	<0.0065	<0.130	<0.0065	<0.013	<0.0065	<0.0065	<0.026	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	<0.013	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	<0.420	NA	<0.420	<0.840	<0.840	<0.840	<0.840	<0.840
2010				<0.0053	<0.0053	<0.0053	<0.0266	<0.0053	<0.106	<0.0053	<0.006	<0.0053	<0.0053	<0.0213	0.155	<0.0053	<0.0053	<0.0053	<0.0053	<0.006	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<19.6	<4.05	<4.05	<8.1	<8.1	<8.1	<8.1	<8.1
2010				<0.0053	<0.0053	<0.0053	<0.0265	<0.0053	<0.106	<0.0053	<0.006	<0.0053	<0.0053	<0.0212	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.006	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<2.02	0.497	<0.417	<0.835	<0.835	<0.835	<0.835	<0.835
2010				<0.237	0.279	0.228	<1.18	<0.237	54.74	<0.237	<0.474	0.156	<0.237	<0.947	6.22	<0.237	<0.237	0.23	<0.474	<0.237	<0.237	<0.237	<0.237	<0.237	<0.237	<0.237	<19	7.61	<3.92	<7.84	<7.84	<7.84	<7.84	<7.84	<7.84
2010				<0.0093	<0.0093	<0.0093	<0.0467	<0.0093	<0.187	<0.0093	<0.0093	<0.0093	<0.0093	<0.0373	<0.0093	<0.0093	<0.0093	<0.0093	<0.0093	<0.0093	<0.0093	<0.0093	<0.0093	<0.0093	<0.0093	<0.0093	<22.6	<4.66	<4.66	<9.31	<9.31	<9.31	<9.31	<9.31	
2011				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2011				<0.0042	<0.0042	<0.0042	<0.021	<0.0042	<0.0841	12.3	<0.0084	0.0062	<0.0042	<0.0168	<0.0042	<0.0042	<0.0042	0.018	<0.0084	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<17.8	<3.67	<3.67	<7.34	<7.34	<7.34	<7.34	<7.34	
2011				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.94	<0.4	<0.4	<0.799	<0.799	<0.799	<0.799	<0.799
2011				<0.0047	<0.0047	<0.0047	<0.0236	<0.0047	<0.0946	<0.0047	<0.0095	<0.0047	<0.0047	<0.0189	<0.0047	<0.0047	<0.0047	<0.0047	<0.0095	<0.0047	<0.0047	<0													

Figure Area		Figure ID		Table 1: Screening Level (SL) Exceedances																															
				Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene (3)	D-n-butylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Indeno(1,2,3-cd)pyrene	Isophorone	N-Nitrosodiphenylamine	Naphthalene	Phenanthrene	Phenol	Pyrene	2-Ethylhexylphthalate	1-Methylphtalate	2-Methylphtalate	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene (4)	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene (3)	Dibenz(a,h)anthracene	Fluoranthene				
act	act	act	act	NA	160	4,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	210	16	210	160	1,600	1.6	3,400				
act	act	act	act	NA	2,100	12,000	21,000	82,000	21	1,000	30,000	210	24,000	4,700	170	NE	100,000	23,000	1,400	NE	3,000	45,000	NE	100,000	210	21	210	21,000	21	21,000	21	30,000			
				NA	100,000	100,000	100,000	100,000	1,200	1,900	68,000	12,000	100,000	<0.400	3,100	NE	100,000	51,000	34,000	NE	6,800	100,000	NE	100,000	12,000	500	12,000	NE	0.16	0.23	0.68	0.094	68,000		
				NA	NA	<0.400	NA	<0.400	NA	<0.400	NA	NA	<0.400	<0.400	NA	NA	<0.400	NA	<0.400	NA	0.88	0.081	0.15	0.32	0.44	0.27	0.39	0.16	0.23	0.68	0.094	0.75			
				NA	NA	<0.400	NA	<0.400	NA	<0.400	NA	NA	<0.400	<0.400	NA	NA	<0.400	NA	<0.400	NA	0.32	0.06	0.15	0.19	0.49	0.32	0.38	0.18	0.29	0.58	0.093	0.76			
				NA	NA	<0.410	NA	<0.410	NA	1.1	NA	NA	<0.410	<0.410	NA	NA	<0.410	NA	<0.410	NA	2.8	0.11	0.86	1.5	2.3	1.7	1.7	0.91	1.3	2.3	0.46	4.3			
				NA	NA	<0.380	NA	<0.380	NA	0.8	NA	NA	<0.380	<0.380	NA	NA	<0.380	NA	<0.380	NA	2	0.099	1.3	1.3	3.8	2.5	2.7	1.3	2	3.9	0.79	4.9			
				NA	NA	<0.440	NA	<0.440	NA	<0.440	NA	NA	<0.440	<0.440	NA	NA	<0.440	NA	<0.440	NA	1.2	<0.033	0.38	0.46	1.4	0.58	0.9	0.38	0.69	1.8	0.28	2			
				NA	NA	<0.390	NA	<0.390	NA	0.5	NA	NA	<0.390	<0.390	NA	NA	<0.390	NA	<0.390	NA	1.2	0.056	0.36	0.6	1.1	0.69	1.1	0.38	0.73	1.5	0.22	1.6			
				NA	NA	<0.380	NA	<0.380	NA	0.52	NA	NA	<0.380	<0.380	NA	NA	<0.380	NA	<0.380	NA	1.6	0.076	0.31	0.35	0.73	0.52	0.65	0.31	0.45	0.88	0.18	1			
				NA	NA	<0.390	NA	<0.390	NA	0.78	NA	NA	<0.390	<0.390	NA	NA	<0.390	NA	<0.390	NA	7.9	0.12	1.9	1.2	2.6	2.9	3.6	2.4	1.9	3.1	1.2	2.9	1		
				NA	NA	<0.400	NA	<0.400	NA	1.3	NA	NA	<0.400	<0.400	NA	NA	<0.400	NA	<0.400	NA	6.2	0.27	7.3	3.4	12.5	10	8.3	5.6	6.3	13.3	3	11.9	8		
				NA	NA	<0.420	NA	<0.420	NA	0.79	NA	NA	<0.420	<0.420	NA	NA	<0.420	NA	<0.420	NA	1.2	0.12	0.94	1.6	3.9	2.2	2.4	1.1	1.9	4	0.63	8			
				NA	NA	<0.420	NA	<0.420	NA	<0.420	NA	NA	<0.420	<0.420	NA	NA	<0.420	NA	<0.420	NA	0.2	0.13	0.065	0.26	1.3	1.4	1.2	0.76	0.86	1.3	0.54	1			
				<4.05	<4.05	<4.05	<4.05	<4.05	<4.05	<4.05	<4.05	<4.05	<4.05	<4.05	<4.05	<4.05	<4.05	<4.05	<4.05	<4.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
				2.91	2.43	<0.417	4.07	<0.417	1.08	<0.417	5.77	<0.417	2.53	<0.417	<0.417	1.54	2.76	<0.417	5.42	<0.417	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
				4.44	6.06	<3.92	<3.92	<3.92	<3.92	<3.92	<3.92	4.72	<3.92	<3.92	<3.92	60.3	<3.92	<3.92	5.16	<3.92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
				<4.66	<4.66	<4.66	<4.66	<4.66	<4.66	<4.66	<4.66	<4.66	<4.66	<4.66	<4.66	<4.66	<4.66	<4.66	<4.66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
				<3.67	<3.67	<3.67	<3.67	<3.67	<3.67	<3.67	5.94	<3.67	<3.67	<3.67	<3.67	<3.67	<3.67	4.63	<3.67	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
				1.48	0.565	<0.4	0.98	<0.4	<0.4	<0.4	1.61	<0.4	0.975	<0.4	<0.4	<0.4	0.427	<0.4	2.71	<0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
				1.55	0.989	<0.358	1.58	<0.358	0.454	<0.358	0.95	<0.358	1.33	<0.358	<0.358	1.92	<0.358	<0.358	1.02	<0.358	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
				6.52	4.11	<3.84	6.56	<3.84	<3.84	<3.84	9.27	<3.84	5.74	<3.84	<3.84	10.6	7.24	<3.84	8.74	<3.84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
				<0.38	<0.38	<0.38	0.43	<0.38	<0.38	<0.38	0.845	<0.38	<0.38	<0.38	<0.38	0.746	0.738	<0.38	0.775	<0.38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
				3.14	1.11	<0.405	2.4	<0.405	0.691	<0.405	4.02	<0.405	2.24	<0.405	<0.405	1.08	1.91	<0.405	4.33	<0.405	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
				3.25	2.36	<0.356	2.25	<0.356	1.02	<0.356	2.88	<0.356	2.44	<0.356	<0.356	3.24	1.36	<0.356	4.05	<0.356	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
				<3.55	<3.55	<3.55	<3.55	<3.55	<3.55	<3.55	4.16	<3.55	<3.55	<3.55	<3.55	<3.55	<3.55	<3.55	4.99	<3.55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34.4	1.68	10	23	30.2	24.3	20.9	22.7	24.9	31.2	5.04	119			
				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.747	0.0747	0.773	0.392	1.32	1.79	1.17	1.28	1.35	1.35	0.361	2.56			
				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.679	0.0355	0.566	0.351	1.01	1.06	1.16	0.91	1.02	1.29	0.343	1.64				
				<1.2	<1.2	<1.2	2.13	<1.2	<0.618	<1.2	2.61	<1.2	<1.2	<1.2	<1.2	1.21	1.75	<1.2	2.17	<1.2	NA	0.874	0.51	0.83	2.28	1.84	2.14	1.16	1.94	2.58	0.497	4.22			
				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
				<0.367	<0.367	<0.367	<0.367	<0.367	<0.189	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	0.378	<0.367	<0.367	<0.367	0.183	<0.028	0.0796	0.0915	0.229	0.238	0.345	0.228	0.26	0.382	0.101	0.351				
				<0.373	<0.373	<0.373	<0.373	<0.373	<0.192	<0.373	<0.373	<0.373	<0.373	<0.373	<0.373	<0.373	<0.373	<0.373	<0.373	0.0554	<0.0056	0.0353	0.032	0.107	0.102	0.108	0.0812	0.113	0.127	0.0408	0.172				
				<0.367	<0.367	<0.367	<0.367	<0.367	<0.189	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	0.0288	<0.0056	0.0268	0.0215	0.0969	0.111	0.118	0.0861	0.107	0.133	0.0405	0.174				
				0.578	0.394	<0.389	0.958	<0.389	<0.200	<0.389	1	<0.389	0.438	<0.389	<0.389	<0.389	0.663	<0.389	1.15	<0.389	0.119	<0.029	0.198	0.172	0.807	0.826	0.712	0.623	0.727	0.963	0.261	1.03			
				0.576	<0.342	<0.342	0.667	<0.342	<0.176	<0.342	0.635	<0.342	0.406	<0.342	<0.342	<0.342	0.359	<0.342	0.772	<0.342	0.134	<0.026	0.243	0.19	0.638	0.709	0.715	0.657	0.676	0.798	0.29	0.818			
				8.48	4.07	<2.0	6.16	<2.0	1.18	<2.0	9.69	<2.0	6.06	<2.0	<2.0	2.6	3.53	<2.0	14.7	<2.0	1.64	3.41	9.2	7.29	14.4	12.6	11.4	10.4	11.4	16.4	4.23	28.3			
				7.02	2.74	<0.370	5.59	<0.370	1.75	0.45	7.42	<0.370	5.42	<0.370	<0.370	6.69	3.36	<0.370	10.3	<0.370	1.78	0.416	6.95	7.28	16.1	13.4	12.1	10.1	11.7	16.3	4.91	31.8			
				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		

Exhibit 8 - Soil Management Plan - Page 504

The following notes summarize the color of screening level (SL) exceedances:

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The following notes summarize the color of screening level (SL) exceedances:

= Constituent detected above Laboratory Reporting Level

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Figure Area		Figure ID		The following notes summarize the color of screening level (SL) exceedances: 1. Green: Concentration of chemical is below the screening level. 2. Yellow: Concentration of chemical is at or above the screening level. 3. Red: Concentration of chemical is at or above the screening level and the chemical is listed in the priority list.																															
		Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene (3)	D-n-butylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Indeno(1,2,3-cd)pyrene	Isophorone	N-Nitrosodiphenylamine	Naphthalene	Phenanthrene	Phenol	Pyrene	2-Ethylhexylphthalate	1-Methylphthalate	2-Methylnaphthalate	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene (4)	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene (3)	Dibenz(a,h)anthracene	Fluoranthene					
act	act	NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
act	act	NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	210	16	210	NE	160	1,600	1.6	3,400				
		NA	160	2,100	1,600	8,8																													

Depth (ft)	Sample Date	Figure Area		Figure ID	The following notes summarize the color of screening level (SL) exceedances: BOLD = Constituent detected above Laboratory Reporting Level																Management											
					Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Mercury	Extended Range Organics	Gasoline Range Organics	PCB-1248 (Aroclor)	PCB-1254 (Aroclor)	PCB-1260 (Aroclor)	Nitrogen, Ammonia	Nitrogen, Nitrate	
1	Identical Direct Contact	100,000	43	9.5	21,000	220	NE	NE	NE	NE	NE	4,300	77,000	400	2,500	2,100	550	550	66,000	1.1	66,000	550	32,000	3.1	NE	NE	3.2	1.7	3.4	NE	100,000	
	Ind Direct Contact	100,000	470	30	100,000	2,300	NE	NE	NE	NE	NE	47,000	100,000	800	26,000	22,000	5,400	5,400	100,000	12	100,000	5,400	100,000	3.1	NE	9.5	9.7	9.9	NE	100,000		
1	Ind Direct Contact	100,000	790	920	100,000	3,800	NE	NE	NE	NE	NE	79,000	100,000	1,000	46,000	38,000	9,800	9,800	100,000	20	100,000	9,900	100,000	3.1	NE	560	53	570	NE	100,000		
	Ind Direct Contact	100,000	790	920	100,000	3,800	NE	NE	NE	NE	NE	79,000	100,000	1,000	46,000	38,000	9,800	9,800	100,000	20	100,000	9,900	100,000	3.1	NE	560	53	570	NE	100,000		
1	10/31/2014				NA	NA	NA	NA	NA	NA	NA	NA	NA	453	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
0.5	07/11/2016				4,600	<1.1	14	53.4	<0.560	1.3	10.4	35.8	6,970	154	400	8.4	<1.1	<0.560	193	<1.1	NA	11.8	375	<0.260	NA	NA	<0.120	<0.120	<0.120	8	<6.2	<6.2
0.5	07/11/2016				10,800	<1.1	18	83.7	0.66	1.2	19.2	37.5	16,900	275	352	17.3	<1.1	<0.540	16.3	1.2	NA	25.7	482	<0.230	NA	NA	<0.120	<0.120	<0.120	6.5	<5.8	<5.8
0.5	07/11/2016				8,570	<1.1	6.9	177	0.72	1.3	54.5	21.6	20,100	1,650	353	11	<1.1	<0.570	27.6	1.1	NA	20.4	1,310	<0.220	NA	NA	<0.120	<0.120	<0.120	7.8	<5.9	<5.9
0.5	07/11/2016				9,310	<1.0	12	132	0.56	1.8	30.1	34.5	14,500	970	433	13.6	<1.0	<0.500	17	<1.0	NA	21.5	1,120	<0.240	NA	NA	<0.120	<0.120	<0.120	7.8	<5.8	<5.8
0.5	07/11/2016				10,800	<0.980	9.5	77.9	0.5	<0.490	15	23	14,500	43.7	407	15.2	<0.980	<0.490	29.9	1.1	NA	23.9	127	<0.220	NA	NA	<0.110	<0.110	<0.110	6	18.2	<5.7
0.5	07/11/2016				6,630	<0.920	6.4	37.4	<0.460	0.54	9.5	14.7	10,800	19.8	298	12	<0.920	<0.460	44	<0.920	NA	16.5	420	<0.220	NA	NA	<0.110	<0.110	<0.110	<5.4	<5.4	<5.4
0.5	07/11/2016				4,600	<1.0	8	37.8	<0.500	1	22.9	18.2	8,550	78.6	202	10.1	<1.0	<0.500	26.1	<1.0	NA	12.1	2,470	<0.230	NA	NA	<0.120	<0.120	<0.120	7.9	<5.7	<5.7
0.5	07/11/2016				4,960	<0.920	5.1	29.7	<0.460	<0.460	7.4	14.3	8,220	30.3	209	9.2	<0.920	<0.460	135	<0.920	NA	9.5	603	<0.200	NA	NA	<0.110	<0.110	<0.110	<5.3	<5.3	<5.3
0.5	07/11/2016				1,150	<0.950	2.9	25.7	<0.470	<0.470	3.9	14.3	3,790	10.8	262	7.1	<0.950	<0.470	160	<0.950	NA	4.1	95.8	<0.220	NA	NA	<0.100	<0.100	<0.100	10.9	<5.2	<5.2
0.5	07/11/2016				3,740	<1.1	15.9	37	<0.530	<0.530	6.9	18.4	8,650	54.6	260	8.3	<1.1	<0.530	96.5	<1.1	NA	10	94	<0.230	NA	NA	<0.110	<0.110	<0.110	7.5	<5.5	<5.5
0.5	07/11/2016				2,740	<0.970	12.6	53.2	<0.480	0.5	6.7	51.6	6,590	214	207	26.7	<0.970	<0.480	104	<0.970	NA	8.8	403	0.27	NA	NA	<0.110	<0.110	<0.110	6.7	<5.3	<5.3
0.5	07/11/2016				4,090	<1.0	6.7	36.4	<0.510	<0.510	8.8	18	10,600	57.3	265	10.5	<1.0	<0.510	54.1	<1.0	NA	12.5	224	<0.210	NA	NA	<0.110	<0.110	<0.110	6	<5.5	<5.5
0.5	07/11/2016				5,950	<1.0	7.9	51.1	<0.520	0.88	14.1	27.5	13,500	77.1	307	13.2	<1.0	<0.520	29.8	1.1	NA	16	3,940	<0.250	NA	NA	<0.120	<0.120	<0.120	<6.0	14.3	<6.0
0.5	07/11/2016				12,500	1.4	77.4	383	2.4	2.6	32.6	96	23,300	472	264	23.3	1.7	<0.640	87.8	2.7	NA	33.1	3,040	<0.240	NA	NA	<0.130	<0.130	<0.130	<6.4	6.5	<6.4
0.5	07/11/2016				7,640	2.2	35.5	366	0.93	2.7	29.1	87.8	18,700	349	345	17.8	<1.2	<0.580	38.3	1.3	NA	20.9	2,230	0.28	NA	NA	<0.120	<0.120	<0.120	<6.1	15.9	<6.1
0.5	07/11/2016				9,120	<1.1	31.4	99.4	0.77	1.9	16.8	30.9	17,200	109	371	16.4	<1.1	<0.560	25.6	1.3	NA	23.3	1,190	0.28	NA	NA	<0.110	<0.110	<0.110	8.1	7.1	<5.7
0.5	07/11/2016				5,410	5.1	234	90.4	<0.540	3.4	50.2	112	100,000	153	551	40.1	<1.1	<0.540	22	1.5	NA	37.6	1,640	<0.260	NA	NA	<0.130	<0.130	<0.130	8.2	32.2	<6.5
0.5	07/11/2016				4,600	1.1	9.2	92.9	0.73	1.9	14.7	105	12,500	149	220	15.1	<1.1	<0.540	70.5	<1.1	NA	14.8	2,640	<0.250	NA	NA	<0.120	0.16	<0.120	10.4	14.3	<6.0
0.5	05/11/2017				1,500	<1.3	2.8	30.6	<0.650	<0.650	8.4	19.2	6,220	30.7	107	6.5	<1.3	<0.650	28.6	<1.3	NA	6.5	87.9	<0.280	NA	NA	<0.140	<0.140	<0.140	<7.0	<7.0	<7.0
0.5	05/11/2017				2,940	<1.1	9.5	52.2	0.74	0.89	8.8	43.1	29,900	77.3	355	12.4	1.7	<0.550	34.8	<1.1	NA	18.7	85.8	<0.220	NA	NA	<0.110	<0.110	<0.110	<5.5	<5.6	<5.6
0.5	05/11/2017				3,220	<1.2	2.1	35.4	<0.590	<0.590	21.8	30.9	12,000	31.1	224	13.1	<1.2	<0.590	28.6	<1.2	NA	7.4	147	<0.260	NA	NA	<0.120	<0.120	<0.120	<6.2	<6.3	<6.3
0.5	05/09/2017				587	<0.960	2.4	12.7	<0.480	<0.480	3.2	11.9	3,320	2.4	308	6.9	<0.960	<0.480	184	<0.960	NA	3.6	10.7	<0.210	NA	NA	<0.110	<0.110	<0.110	<5.5	<5.5	<5.5
0.5	05/09/2017				772	<1.1	5.1	21.6	<0.570	<0.570	14.7	50.7	21,800	19.2	434	8.9	<1.1	<0.570	90.2	<1.1	NA	9.2	27.8	<0.230	NA	NA	<0.120	<0.120	<0.120	<5.7	<5.8	<5.8
0.5	05/09/2017				883	<1.1	4.2	25.3	<0.550	<0.550	9.8	32	19,400	21.3	235	11.8	<1.1	<0.550	80	<1.1	NA	4.6	35.6	<0.220	NA	NA	<0.110	<0.110	<0.110	<5.7	<5.8	<5.8
0.5	05/09/2017				1,670	<1.1	6.5	38	<0.530	<0.530	20.1	46.2	24,500	23.2	236	14.8	<1.1	<0.530	41.1	<1.1	NA	8.5	41.6	<0.250	NA	NA	<0.120	<0.120	<0.120	<6.0	<6.1	<6.1
0.5	05/16/2017				1,170	<1.1	6	41.3	<0.560	0.74	22.1	64.9	34,800	66.5	253	16.9	<1.1	<0.560	22	<1.1	NA	5.3	69	<0.260	NA	NA	<0.120	<0.120	<0.120	<6.1	<6.2	<6.2
0.5	05/16/2017				1,170	<1.1	6	41.3	<0.560	0.74	22.1	64.9	34,800	66.5	253	16.9	<1.1	<0.560	22	<1.1	NA	5.3	69	<0.260	NA	NA	<0.120	<0.120	<0.120	<6.1	<6.2	<6.2
0.5	05/10/2017				3,240	<0.970	3.6	11.1	<0.490	<0.490	7.1	15.2	8,940	7.5	177	11.7	<0.970	<0.490	46.5	<0.970	NA	10.1	35.1	<0.220	NA	NA	<0.110	<0.110	<0.110	<5.6	<5.6	<5.6
0.5	05/09/2017				1,360	<1.1	6.7	28.6	<0.560	<0.560	19.3	48.4	46,700	35.1	474	17.4	<1.1	<0.560	91.8	<1.1	NA	8.8	61.7	<0.240	NA	NA	<0.120	<0.120	<0.120	6.2	<5.9	<5.9
0.5	05/10/2017				2,530	<1.2	30.3	97.8	<0.610	1.2	24.5	17.8	8,940	133	228	15.1	3.4	<0.610	184	<1.2	NA	10.7	86.6	36	NA	NA	<0.120	<0.120	<0.120	8.7	<6.3	<6.3
0.5	05/09/2017				891	<1.1	6.3	25.8	<0.560	<0.560	18	35.9	17,700	28	187	9.8	<1.1	<0.560	17.8	<1.1	NA	5.8	42.7	<0.250	NA	NA	<0.120	<0.120	<0.120	<6.0	<6.0	<6.0
0.5	05/09/2017				3,610	<1.1	19.3	256	<0.560	<0.560	45.4	103	148,000	297	1,020	17.1	<1.1	<0.560	32.4	<1.1	NA	10.7	1,060	<0.250	NA	NA	<0.120	<0.120	<0.120	6.2	<6.0	<6.0
0.5	05/10/2017				2,420	<1.0	4.3	19.3	<0.520	<0.520	12.2	45.7	19,200	77.4	346	11.2	<1.0	<0.520	82.7	<1.0	NA	9.7	36	<0.200	NA	NA	<0.110	<0.110	<0.110	<5.2	<5.3	<5.3
0.5	05/11/2017				2,940	<1.2	2.8	32.8	<0.600	<0.600	8.7	14.2	5,890	32.8	137	6.1	<1.2	<0.600	39.2	<1.2	NA	7.3	73.1	<0.240	NA	NA	<0.130	<0.130	<0.130	<6.3	<6.3	<6.3
0.5	05/09/2017				2,900	<1.2	8.9	56.9	<0.580	<0.580	10.3	29.8	11,900	50.8	148	10.5	<1.2	<0.580	19.8	<1.2												

[illegible]

Depth (ft)	Sample Date	Figure Area		Figure ID	Constituent Detected Above Laboratory Reporting Level																												
		Aluminum	Antimony		Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Mercury	Extended Range Organics	Gasoline Range Organics	PCB-1248 (Aroclor)	PCB-1254 (Aroclor)	PCB-1260 (Aroclor)	Nitrogen, Ammonia	Nitrogen, Nitrate	Nitrogen, Nitrite			
0.5	Identical Direct Contact	100,000	470	9.5	21,000	220	NE	NE	4,300	77,000	400	2,500	2,100	550	550	5,800	66,000	1.1	66,000	1.1	550	5,800	32,000	3.1	NE	NE	3.2	1.7	3.4	NE	100,000	11,000	
	Indirect Contact	100,000	470	30	100,000	2,200	NE	NE	47,000	100,000	800	26,000	22,000	5,400	5,400	5,800	100,000	12	100,000	12	100,000	5,800	100,000	3.1	NE	NE	9.5	9.7	9.9	NE	100,000	100,000	
	Indirect Contact	100,000	790	920	100,000	3,800	NE	NE	79,000	100,000	1,000	46,000	38,000	9,800	9,800	9,800	100,000	20	100,000	20	100,000	9,900	100,000	3.1	NE	NE	560	53	570	NE	100,000	100,000	
	06/02/2017	NA	NA	10.4	NA	NA	NA	NA	NA	NA	NA	393	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	06/02/2017	NA	NA	9.9	NA	NA	NA	NA	NA	NA	NA	409	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	05/15/2017	5,570	<1.1	9.1	152	<0.560	0.63	26.2	37	20,400	581	323	11.7	<1.1	<0.560	87.4	<1.1	NA	NA	NA	NA	15.9	565	<0.230	NA	NA	<0.120	<0.120	<0.120	10.8	<6.1	<6.1	<6.1
	05/15/2017	5,500	<1.2	8.4	285	<0.590	1.1	57.3	32.7	14,700	3,760	145	10.2	<1.2	<0.590	26.4	<1.2	NA	NA	NA	NA	13.9	1,250	<0.250	NA	NA	<0.120	<0.120	<0.120	6.9	<6.2	<6.2	<6.2
	05/09/2017	5,840	<1.1	7.8	58.6	<0.540	1	11.7	31.2	12,500	59.8	212	12.9	<1.1	<0.540	25	<1.1	NA	NA	NA	NA	16.9	102	0.29	NA	NA	<0.120	<0.120	<0.120	10.5	<6.3	<6.3	<6.3
	05/09/2017	7,590	<1.6	37.1	203	1.3	7.1	26.4	87.8	27,200	338	307	22.4	<1.6	<0.800	58.4	<1.6	NA	NA	NA	NA	24.8	1,670	<0.330	NA	NA	<0.170	<0.170	<0.170	19.2	<8.4	<8.4	<8.4
	05/31/2017	NA	NA	12.5	NA	NA	NA	NA	NA	NA	NA	288	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/31/2017	NA	NA	8.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
05/31/2017	NA	NA	12.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
05/31/2017	NA	NA	28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
05/31/2017	NA	NA	60.8	NA	NA	NA	NA	NA	NA	NA	154	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
05/31/2017	NA	NA	49.9	NA	NA	NA	NA	NA	NA	NA	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
05/31/2017	NA	NA	31.9	NA	NA	NA	NA	NA	NA	NA	260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
05/31/2017	NA	NA	10.5	NA	NA	NA	NA	NA	NA	NA	71.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
05/31/2017	NA	NA	10.8	NA	NA	NA	NA	NA	NA	NA	68.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	10	NA	NA	NA	NA	NA	NA	NA	954	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	5.7	NA	NA	NA	NA	NA	NA	NA	308	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	13	NA	NA	NA	NA	NA	NA	NA	443	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	6.3	NA	NA	NA	NA	NA	NA	NA	366	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	10.6	NA	NA	NA	NA	NA	NA	NA	1,050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	7.8	NA	NA	NA	NA	NA	NA	NA	1,750	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	10.2	NA	NA	NA	NA	NA	NA	NA	1,380	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	12.4	NA	NA	NA	NA	NA	NA	NA	2,530	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	20.5	NA	NA	NA	NA	NA	NA	NA	679	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	3.8	NA	NA	NA	NA	NA	NA	NA	204	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	9	NA	NA	NA	NA	NA	NA	NA	1,560	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	7.4	NA	NA	NA	NA	NA	NA	NA	2,780	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	6.6	NA	NA	NA	NA	NA	NA	NA	1,520	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	6.1	NA	NA	NA	NA	NA	NA	NA	1,570	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	5.2	NA	NA	NA	NA	NA	NA	NA	69.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	7.9	NA	NA	NA	NA	NA	NA	NA	1,220	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	6.8	NA	NA	NA	NA	NA	NA	NA	407	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	10.7	NA	NA	NA	NA	NA	NA	NA	666	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	9.7	NA	NA	NA	NA	NA	NA	NA	572	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/02/2017	NA	NA	9.8	NA	NA	NA	NA	NA	NA	NA	586	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/08/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	543	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/08/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	415	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/08/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/08/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	258	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
06/23/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	474	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

The following notes summarize the color of screening level (SL) exceedances:
BOLD = Constituent detected above Laboratory Reporting Level

Exhibit 8 – Soil Management Plan – Page 514

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Date	Figure Area		Figure ID	The following notes summarize the color of screening level (SL) exceedances: BOID = Constituent detected above Laboratory Reporting Level																															
				1,1,2-Trichloroethane	1,2,4-Trimethylben	1,3,5-Trimethylben	2-Butanone (MEK)	2-Chlorotoluene	Acetone	Benzene	Carbon disulfide	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Xylene (Total)	n-Butylbenzene	n-Hexane	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	All Remaining VOCs	2,4-Dimethylphenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Chloroaniline				
Contact	2.1	220	28,000	910	100,000	51	740	250	81	870	110	820	5,7	260	110	140	260	NE	180	NE	180	NE	180	NE	180	NE	180	NE	16,000	3,010	41,000	NE	110	450	5
Contact	6.3	220	28,000	910	100,000	1,800	740	480	270	3,300	3,100	870	170	820	95	260	110	140	260	NE	150	180	NE	150	180	NE	150	180	34,000	6,740	87,000	NE	6,000	100	
2010				<0.0057	<0.0057	<0.0283	<0.0057	<0.113	<0.0057	<0.0108	<0.0216	<0.0108	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0113	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.38	<0.38	<0.38	<0.761	<0.761	<0.761	<0.761	
2010				<0.0071	<0.0071	<0.0355	<0.0071	<0.0071	<0.142	<0.0071	<0.0142	<0.0071	<0.0071	<0.0284	<0.0071	<0.0057	<0.0057	<0.0057	<0.0057	<0.0142	<0.0071	<0.0071	<0.0071	<0.0071	<0.0071	<0.0071	<0.0071	<0.376	0.785	<0.376	<0.753	<0.753	<0.753	<0.753	
2010				<0.0055	<0.0055	<0.0275	<0.0055	<0.0055	<0.11	<0.0055	<0.011	<0.0055	<0.0055	<0.022	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.011	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.4	<0.4	<0.4	<0.801	<0.801	<0.801	<0.801	
2010				<0.0065	<0.0065	<0.0325	<0.0065	<0.0065	<0.13	<0.0065	<0.013	<0.0065	<0.0065	<0.026	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	<0.013	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	<0.359	<0.359	<0.359	<0.718	<0.718	<0.718	<0.718	
2010				<0.0062	<0.0062	<0.0308	<0.0062	<0.0062	<0.123	<0.0062	<0.0123	<0.0062	<0.0062	<0.0246	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0123	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.362	<0.362	<0.362	<0.723	<0.723	<0.723	<0.723	
2010				<0.0108	<0.0108	<0.054	<0.0108	<0.0108	<0.216	<0.0108	<0.0216	<0.0108	<0.0108	<0.0432	<0.0108	<0.0108	<0.0108	<0.0108	<0.0108	<0.0216	<0.0108	<0.0108	<0.0108	<0.0108	<0.0108	<0.0108	<0.0108	<0.367	<0.367	<0.367	<0.733	<0.733	<0.733	<0.733	
2011				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2011				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2011				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2011				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2011				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2011				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2011				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2011				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2011				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012				<0.0045	<0.0045	<0.0223	<0.0045	<0.0045	<0.0892	<0.0045	<0.0089	<0.0045	<0.0045	<0.0178	<0.0045	<0.0045	<0.0045	<0.0045	<0.0089	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.385	<0.385	<0.385	<0.77	<0.77	<0.77	<0.77		
2012				<0.0045	<0.0045	<0.0224	<0.0045	<0.0045	<0.0896	<0.0045	<0.009	<0.0045	<0.0045	<0.0179	<0.0045	<0.0045	<0.0045	<0.0045	<0.009	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.365	<0.365	<0.365	<0.73	<0.73	<0.73	<0.73		
2012				<0.0078	<0.0078	<0.0392	<0.0078	<0.0078	<0.157	<0.0078	<0.0157	<0.0078	<0.0078	<0.0314	<0.0078	<0.0078	<0.0078	<0.0078	<0.0157	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.375	<0.375	<0.375	<0.75	<0.75	<0.75	<0.75		
2012				<0.0078	<0.0078	<0.039	<0.0078	<0.0078	<0.156	<0.0078	<0.0156	<0.0078	<0.0078	<0.0312	<0.0078	<0.0078	<0.0078	<0.0078	<0.0156	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.391	<0.391	<0.391	<0.781	<0.781	<0.781	<0.781		
2012				<0.0052	<0.0052	<0.0262	<0.0052	<0.0052	<0.105	<0.0052	<0.0105	<0.0052	<0.0052	<0.021	<0.0052	<0.0052	<0.0052	<0.0052	<0.0105	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.348	<0.348	<0.348	<0.696	<0.696	<0.696	<0.696		
2012				<0.008	<0.008	<0.0402	<0.008	<0.008	<0.161	<0.008	<0.0161	<0.008	<0.008	<0.0322	<0.008	<0.008	<0.008	<0.008	<0.0161	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.36	<0.36	<0.36	<0.72	<0.72	<0.72	<0.72		
2016				<0.0067	<0.0067	<0.033	<0.0067	<0.0067	<0.130	<0.0067	<0.013	<0.0067	0.019	<0.027	<0.0067	<0.0067	<0.0067	<0.0067	<0.013	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.410	NA	<0.410	<0.830	<0.830	<0.830	<0.830		
2016				<0.0051	<0.0051	<0.026	<0.0051	<0.0051	<0.100	<0.0051	<0.010	<0.0051	<0.0051	<0.021	<0.0051	<0.0051	<0.0051	<0.0051	<0.010	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.350	NA	<0.350	<0.700	<0.700	<0.700	<0.700		
2016				<0.010	<0.010	<0.051	<0.010	<0.010	<0.200	<0.010	<0.020	<0.010	<0.010	<0.041	<0.010	<0.010	<0.010	<0.010	<0.020	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.440	NA	<0.440	<0.880	<0.880	<0.880	<0.880		
2016				<0.0086	<0.0086	<0.043	<0.0086	<0.0086	<0.170	<0.0086	<0.017	<0.0086	<0.0086	<0.034	<0.0086	<0.0086	<0.0086	<0.0086	<0.017	<0.0086	<0.0086	<0.0086	<0.0086	<0.0086	<0.0086	<0.0086	<0.410	NA	<0.410	<0.820	<0.820	<0.820	<0.820		
2016				<0.0052	<0.0052	<0.026	<0.0052	<0.0052	<0.100	<0.0052	<0.010	<0.0052	<0.0052	<0.021	<0.0052	<0.0052	<0.0052	<0.0052	<0.010	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.370	NA	<0.370	<0.750	<0.750	<0.750	<0.750		
2016				<0.0060	<0.0060	<0.030	<0.0060	<0.0060	<0.120	<0.0060	<0.012	<0.0060	<0.0060	<0.024	<0.0060	<0.0060	<0.0060	<0.0060	<0.012	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.380	NA	<0.380	<0.760	<0.760	<0.760	<0.760		
2016				<0.0057	<0.0057	<0.028	<0.0057	<0.0057	<0.110	<0.0057	<0.011	<0.0057	<0.0057	<0.023	<0.0057	<0.0057	<0.0057	<0.0057	<0.011	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.410	NA	<0.410	<0.810	<0.810	<0.810	<0.810		
2016				<0.0065	<0.0065	<0.032	<0.0065	<0.0065	<0.130	<0.0065	<0.013	<0.0065	<0.0065	<0.026	<0.0065	<0.0065	<0.0065	<0.0065	<0.013	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	<0.380	NA	<0.380	<0.760	<0.760	<0.760	<0.760		
2016				<0.0058	<0.0058	<0.029	<0.0058	<0.0058	<0.120	<0.0058	<0.012	<0.0058	<0.0058	<0.023	<0.0058	<0.0058	<0.0058	<0.0058	<0.012	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.430	NA	<0.430	<0.850	<0.850	<0.850	<0.850		
2016				<0.0082	<0.0082	<0.041	<0.0082	<0.0082	<0.160	<0.0082	<0.016	<0.0082	<0.0082	<0.033	<0.0082	<0.0082	<0.0082	<0.0082	<0.016	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.460	NA	<0.460	<0.920	<0.920	<0.920	<0.920		
2016				<0.0056	<0.0056	<0.028	<0.0056	<0.0056	<0.110	<0.0056	<0.011	<0.0056	<0.0056	<0.022	<0.0056	<0.0056	<0.0056	<0.0056	<0.011	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.400	NA	<0.400	<0.800	<0.800	<0.800	<0.800		
2																																			

Figure Area	Figure ID	The following notes summarize the color of screening level (SL) exceedances: BOLD = Constituent detected above Laboratory Reporting Level																													
		Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene (3)	D-n-butylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Isophorone	N-Nitrosodiphenylamine	Naphthalene	Phenanthrene	Phenol	Pyrene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene (3)	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene (3)	Dibenz(a,h)anthracene	Fluoranthene		
act		NA	160	4,100	1,600	8,800	1.6	100	3,400	3,400	16	8,000	1,500	53	NE	27,000	2,500	NE	340	5,000	NE	25,000	16	1.6	210	NE	160	1,600	1.6	3,400	
act		NA	2,100	12,000	21,000	82,000	21	1,000	30,000	30,000	210	24,000	4,700	170	NE	100,000	23,000	NE	3,000	45,000	NE	100,000	210	21	210	NE	2,100	21,000	21	30,000	
act		NA	100,000	100,000	100,000	100,000	1,200	1,900	68,000	68,000	12,000	100,000	100,000	3,100	NE	100,000	51,000	NE	6,800	100,000	NE	100,000	12,000	500	12,000	NE	100,000	100,000	1,200	68,000	
		<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	0.407	<0.38	<0.38	<0.38	<0.38	0.425	0.397	<0.38	0.407	<0.38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		3.04	3.67	0.549	6.39	<0.376	1.59	0.648	19.1	0.751	2.9	<0.376	<0.376	1.61	14.1	0.405	15.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		0.461	<0.359	<0.359	0.808	<0.359	<0.359	<0.359	1.3	<0.359	0.392	<0.359	<0.359	<0.359	0.863	<0.359	1.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		0.59	0.647	<0.362	0.862	<0.362	<0.362	<0.362	1.13	<0.362	0.308	<0.362	<0.362	<0.362	0.796	<0.362	0.966	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.392	0.108	0.354	0.609	2.31	2.08	2.4	1.3	2.09	2.88	0.696	4.58	0.078	
		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.165	<0.0278	<0.0278	<0.0278	0.0407	0.051	0.064	0.102	0.05	0.0701	<0.0278	0.078		
		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.462	0.927	0.563	2.62	6.16	5.69	5.17	3.34	4.55	6.22	1.42	14.3	86.6	
		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.35	5.47	1.37	14.4	31.5	26.8	27.9	15.7	22.8	34.2	7.14	714	86.6	
		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.31	0.156	0.279	0.581	1.71	1.68	1.91	1.09	1.44	2.14	0.536	3.47	3.47	
		<0.385	<0.385	<0.385	<0.385	<0.385	<0.385	<0.385	<0.385	<0.385	<0.385	<0.385	<0.385	<0.385	<0.385	<0.385	<0.385	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	0.42	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		<0.375	<0.375	<0.375	0.419	<0.375	<0.375	<0.375	0.571	<0.375	<0.375	<0.375	<0.375	<0.375	0.999	<0.375	0.481	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		<0.391	<0.391	<0.391	<0.391	<0.391	<0.391	<0.391	<0.391	<0.391	<0.391	<0.391	<0.391	<0.391	<0.391	<0.391	<0.391	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		<0.348	<0.348	<0.348	<0.348	<0.348	<0.348	<0.348	<0.348	<0.348	<0.348	<0.348	<0.348	<0.348	<0.348	<0.348	<0.348	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		NA	NA	<0.410	NA	<0.410	NA	<0.410	NA	NA	NA	<0.410	<0.410	NA	NA	<0.410	NA	0.13	0.032	0.026	0.094	0.3	0.22	0.22	0.14	0.21	0.35	0.061	0.61	0.61	
		NA	NA	<0.350	NA	<0.350	NA	<0.350	NA	NA	NA	<0.350	<0.350	NA	NA	<0.350	NA	0.11	<0.027	0.083	0.077	0.33	0.26	0.28	0.19	0.26	0.41	0.062	0.56	0.56	
		NA	NA	0.49	NA	<0.440	NA	<0.440	NA	NA	NA	<0.440	<0.440	NA	NA	<0.440	NA	0.095	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	
		NA	NA	<0.410	NA	<0.410	NA	<0.410	NA	NA	NA	<0.410	<0.410	NA	NA	<0.410	NA	0.32	<0.031	<0.031	0.072	0.28	0.24	0.28	0.23	0.25	0.37	0.092	0.47	0.47	
		NA	NA	<0.370	NA	<0.370	NA	<0.370	NA	NA	NA	<0.370	<0.370	NA	NA	<0.370	NA	0.036	<0.028	<0.028	0.052	0.19	0.15	0.15	0.1	0.15	0.23	0.04	0.42	0.42	
		NA	NA	<0.380	NA	<0.380	NA	<0.380	NA	NA	NA	<0.380	<0.380	NA	NA	<0.380	NA	0.1	<0.029	<0.029	0.058	0.19	0.15	0.16	0.11	0.15	0.23	0.046	0.38	0.38	
		NA	NA	<0.410	NA	<0.410	NA	<0.410	NA	NA	NA	<0.410	<0.410	NA	NA	<0.410	NA	0.12	0.033	0.18	0.15	0.45	0.48	0.5	0.43	0.42	0.6	0.13	0.74	0.74	
		NA	NA	<0.380	NA	<0.380	NA	<0.380	NA	NA	NA	<0.380	<0.380	NA	NA	<0.380	NA	0.055	<0.029	<0.029	<0.029	0.07	0.056	0.067	0.077	0.058	0.095	<0.029	0.11	0.11	
		NA	NA	<0.430	NA	<0.430	NA	<0.430	NA	NA	NA	<0.430	<0.430	NA	NA	<0.430	NA	0.14	0.1	0.17	0.36	1.1	1	1	0.71	0.91	1.3	0.33	2.2	2.2	
		NA	NA	<0.460	NA	<0.460	NA	<0.460	NA	NA	NA	<0.460	<0.460	NA	NA	<0.460	NA	3.2	0.042	0.48	0.44	0.75	0.59	1.4	0.68	0.83	1.4	0.34	1.1	1.1	
		NA	NA	<0.400	NA	<0.400	NA	<0.400	NA	NA	NA	<0.400	<0.400	NA	NA	<0.400	NA	0.087	0.29	0.053	0.71	2	1.5	1.7	1	1.3	2.2	0.3	4.5	4.5	
		NA	NA	<0.400	NA	<0.400	NA	0.42	NA	NA	NA	<0.400	<0.400	NA	NA	<0.400	NA	0.48	0.48	0.49	1.6	5.1	3.6	4.1	2.4	3.6	6.2	0.79	12.9	12.9	
		NA	NA	<0.410	NA	<0.410	NA	<0.410	NA	NA	NA	<0.410	<0.410	NA	NA	<0.410	NA	0.2	<0.031	0.18	0.12	0.42	0.38	0.42	0.31	0.35	0.61	0.13	0.63	0.63	
		NA	NA	<4.1	NA	<4.1	NA	13.6	NA	NA	NA	<4.1	<4.1	NA	NA	<4.1	NA	7.8	14.5	2	32.5	69	57	47.7	31.2	50.8	66.1	10.5	138	138	
		NA	NA	<0.340	NA	<0.340	NA	<0.340</																							

Figure Area		Figure ID		Benz(a,h,i)perylene										Benzo(k)fluoranthene										Butylbenzylphthalate										Chrysene (3)										Di-n-butylphthalate										Dibenz(a,h)anthracene										Dibenzofuran										Fluoranthene										Indeno(1,2,3-cd)pyrene										Isophorone										N-Nitrosodiphenylamine										Naphthalene										Phenanthrene										Phenol										Pyrene										bis(2-Ethylhexyl)phthalate										1-Methylnaphthalene										2-Methylnaphthalene										Acenaphthene										Acenaphthylene										Anthracene										Benzo(a)anthracene										Benzo(a)pyrene (4)										Benzo(b)fluoranthene										Benzo(g,h,i)perylene										Benzo(k)fluoranthene										Dibenz(a,h)anthracene										Fluoranthene																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
act	act	NA	NA	2,100	160	100,000	12,000	41,000	1,600	8,800	82,000	21	1,000	30,000	3,400	3,400	3,400	210	16	8,000	24,000	4,700	1,500	53	170	NE	NE	27,000	100,000	100,000	23,000	2,500	5,000	45,000	5,000	NE	25,000	16	21	16	NE	NE	210	210	210	NE	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	2

Depth (ft)	Sample Date	Figure Area		Figure ID	Constituent Data																												Notes	
		Aluminum	Antimony		Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Mercury	Extended Range Organics	Gasoline Range Organics	PCB-1248 (Aroclor)	PCB-1254 (Aroclor)	PCB-1260 (Aroclor)	Nitrogen, Ammonia	Nitrogen, Nitrate					
1	05/10/2017	Area 1	A1	100,000	43	9.5	21,000	220	NE	NE	4,300	77,000	400	2,500	2,100	550	550	66,000	1.1	66,000	550	32,000	3.1	NE	NE	3.2	1.7	3.4	NE	100,000	11,000			
																																100,000	470	30
2	05/10/2017	Area 1	A2	100,000	790	920	100,000	3,800	NE	NE	79,000	100,000	1,000	46,000	38,000	9,800	9,800	100,000	20	100,000	9,900	100,000	3.1	NE	NE	560	33	570	NE	100,000	100,000			
																																3,860	<1.2	16
3	05/10/2017	Area 1	A3	2,830	<1.1	9.4	110	0.75	2.6	9.9	411	10,800	110	117	10.9	1.2	3.5	35.3	<1.1	NA	9.3	163	<0.240	NA	NA	<0.120	<0.120	<0.120	<5.8	<5.9	<5.9			
																																2,650	<1.0	11.6
4	05/10/2017	Area 1	A4	1,770	<1.2	6.9	52	<0.620	<0.620	3.4	37	3,330	29.9	30.1	8.8	<1.2	0.64	29.6	<1.2	NA	5.7	46.4	<0.230	NA	NA	<0.120	<0.120	<0.120	<6.2	<6.2	<6.2			
																																6,980	19.3	25.3
5	05/09/2017	Area 1	A5	6,190	1.4	42.6	279	1.2	15.5	19.5	307	22,300	354	273	22.7	1.4	6.5	52.2	<1.2	NA	21.5	1,120	0.77	NA	NA	<0.130	<0.130	<0.130	13.6	<6.6	<6.6			
																																8,440	1.3	12.4
6	05/09/2017	Area 1	A6	8,760	<1.4	11.4	161	0.98	1.4	18.9	59.2	17,800	282	335	18.5	<1.4	0.8	40	<1.4	NA	26.5	332	0.44	NA	NA	<0.150	<0.150	<0.150	14.8	<7.4	<7.4			
																																7,870	<1.2	13.2
7	05/31/2017	Area 1	A7	NA	NA	47.5	NA	NA	NA	NA	NA	NA	381	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
																																10,200	1.9	22.1
8	05/09/2017	Area 1	A8	6,580	1.5	17.5	224	1.3	3.1	21.1	78.4	18,100	377	263	17.8	<1.3	1.2	106	<1.3	NA	22.1	451	0.85	NA	NA	<0.140	<0.140	<0.140	13.7	<7.1	<7.1			
																																8,290	<1.3	23.4
9	05/11/2017	Area 1	A9	6,330	<1.3	8.2	78.3	0.71	1.8	18.7	40	13,500	172	307	14.9	<1.3	1.3	30.2	<1.3	NA	18.1	232	1.3	NA	NA	<0.140	0.2	<0.140	11.7	<6.9	<6.9			
																																9,070	5.1	32.8
10	05/31/2017	Area 1	A10	NA	NA	10.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
																																8,150	2.6	13.7
11	06/08/2017	Area 1	A11	8,930	9.1	20.9	481	1.4	63.7	228	539	19,600	823	304	47.1	2.4	47.5	131	2.1	NA	25.6	1,040	9.9	NA	NA	<0.130	<0.130	<0.130	10.8	<6.3	<6.3			
																																9,720	<1.2	40.9
12	06/08/2017	Area 1	A12	7,940	<1.2	24.9	232	2.4	3.5	24.8	147	21,600	443	494	21.1	2.4	<0.580	96.6	2.7	NA	31.4	1,140	0.96	NA	NA	<0.130	<0.130	<0.130	9.4	<6.3	<6.3			
																																8,620	<1.1	33.9
13	06/08/2017	Area 1	A13	7,990	<1.1	16.2	243	1.2	2.3	17.8	67.9	20,500	346	292	17	<1.1	<0.560	65.5	1.9	NA	30.2	985	1.1	NA	NA	<0.120	<0.120	<0.120	11.4	<6.1	<6.1			
																																NA	NA	20.9
14	06/28/2017	Area 1	A14	NA	NA	19.4	NA	NA	NA	NA	NA	NA	NA	482	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
																																NA	NA	32.5
15	06/28/2017	Area 1	A15	NA	NA	25.2	NA	NA	NA	NA	NA	NA	NA	544	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
																																NA	NA	22.1
16	06/28/2017	Area 1	A16	NA	NA	19.5	NA	NA	NA	NA	NA	NA	NA	426	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
																																NA	NA	17.6
17	06/28/2017	Area 1	A17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			
																																NA	NA	NA
18	06/28/2017	Area 1	A18	NA	NA	20.9	NA	NA	NA	NA	NA	NA	NA	NA	NA																			

Depth (ft)	Sample Date	Figure Area		Figure ID	The following notes summarize the color of screening level (SL) exceedances: BOLD = Constituent detected above Laboratory Reporting Level																																																										
		Area 1	Area 2		Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Mercury	Extended Range Or	Gasoline Range Or	PCB-1248 (Aroclor)	PCB-1254 (Aroclor)	PCB-1260 (Aroclor)	Nitrogen, Ammonia	Nitrogen, Nitrite																																
Identical Direct Contact	m/Ind Direct Contact	95	30	100,000	220	2,300	NE	NE	NE	4,300	77,000	400	2,500	22,000	550	5,400	550	66,000	11	66,000	550	32,000	3.1	NE	NE	3.2	1.7	3.4	NE	100,000	11,000																																
																																Area 1	A12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
																																Area 1	A13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	A14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	A15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	A16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	A17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	A18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	B1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	B2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
																																Area 1	B3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
																																Area 1	B5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Evaporation Direct Contact	7/10/2012	95	30	100,000	2,300	NE	NE	NE	NE	4,300	77,000	400	2,500	22,000	550	5,400	550	66,000	11	66,000	550	32,000	3.1	NE	NE	3.2	1.7	3.4	NE	100,000	11,000																																
																																Area 1	A12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
																																Area 1	A13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	A14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	A15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	A16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	A17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	A18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	B1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	B2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	B3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	B5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Evaporation Direct Contact	7/11/2012	95	30	100,000	2,300	NE	NE	NE	NE	4,300	77,000	400	2,500	22,000	550	5,400	550	66,000	11	66,000	550	32,000	3.1	NE	NE	3.2	1.7	3.4	NE	100,000	11,000																																
																																Area 1	A12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	A13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
																																Area 1	A14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		

Depth (ft)	Sample Date	Figure Area		Figure ID	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Mercury	Extended Range Or	Gasoline Range Or	PCB-1248 (Aroclor)	PCB-1254 (Aroclor)	PCB-1260 (Aroclor)	Nitrogen, Ammonia	Nitrogen, Nitrate	Nitrogen, Nitrite		
		Area 1	Area 2																															
10/15/2012	Identical Direct Contact				100,000	43	9.5	21,000	220	NE	NE	4,300	77,000	400	2,500	2,100	550	5,500	66,000	1.1	66,000	550	32,000	3.1	NE	NE	3.2	1.7	3.4	NE	100,000	11,000		
	Ind Direct Contact				100,000	470	30	100,000	2,300	NE	NE	47,000	100,000	800	26,000	22,000	5,400	5,800	100,000	12	100,000	5,800	100,000	100,000	NE	NE	9.5	9.7	9.9	NE	100,000	100,000		
	Aviation Direct Contact				100,000	790	920	100,000	3,800	NE	NE	79,000	100,000	1,000	46,000	38,000	9,800	9,800	100,000	20	100,000	9,900	100,000	100,000	NE	NE	560	53	570	NE	100,000	100,000		
		Area 2	B5	NA	NA	NA	33.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		Area 2	B6	NA	NA	NA	26.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		Area 2	B7	NA	NA	NA	24.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		Area 2	B8	NA	NA	NA	8.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		Area 2	B9	NA	NA	NA	14.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
		Area 2	B10	NA	NA	NA	22.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Area 2	B11	NA	NA	NA	16.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Area 2	C1	NA	NA	NA	33.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Area 2	C2	NA	NA	NA	62.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Area 2	C3	NA	NA	NA	7.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Area 2	C4	NA	NA	NA	7.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Area 2	C5	NA	NA	NA	6.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Area 2	C6	NA	NA	NA	19.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Area 2	C7	NA	NA	NA	13.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Area 2	C8	NA	NA	NA	5.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Area 2	C9	NA	NA	NA	18.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 2	C10	NA	NA	NA	10.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Area 2	C11	NA	NA	NA	44.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	C12	NA	NA	NA	16.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	C13	NA	NA	NA	8.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	C14	NA	NA	NA	14.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	C15	NA	NA	NA	10.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	C16	NA	NA	NA	15.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	C17	NA	NA	NA	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	C18	NA	NA	NA	20.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	C19	NA	NA	NA	35.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	C20	NA	NA	NA	41.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	C21	NA	NA	NA	22.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D1	NA	NA	NA	17.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D2	NA	NA	NA	53.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D3	NA	NA	NA	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D5	NA	NA	NA	14.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D11	NA	NA	NA	66.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D14	NA	NA	NA	141	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D15	NA	NA	NA	99.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D16	NA	NA	NA	41.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D17	NA	NA	NA	51.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D18	NA	NA	NA	35.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D19	NA	NA	NA	54.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	E1	NA	NA	NA	2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Exhibit 8 – Soil Management Plan

Page 526

The following notes summarize the color of screening level (SL) exceedances:

BOLD

= Constituent detected above Laboratory Reporting Level

Depth (ft)	Sample Date	Figure Area		Figure ID	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Mercury	Extended Range Organics	Gasoline Range Organics	PCB-1248 (Aroclor)	PCB-1254 (Aroclor)	PCB-1260 (Aroclor)	Nitrogen, Ammonia	Nitrogen, Nitrate	Nitrogen, Nitrite
10/17/2012	Identical Direct Contact				100,000	43	9.5	21,000	220	NE	NE	4,300	77,000	400	2,500	2,100	550	5,500	66,000	1.1	66,000	550	32,000	3.1	NE	NE	3.2	1.7	3.4	NE	100,000	11,000
	Indirect Direct Contact				100,000	470	30	100,000	2,400	NE	NE	47,000	100,000	800	26,000	22,000	5,400	5,800	100,000	12	100,000	5,800	100,000	100,000	3.1	NE	9.5	9.7	9.9	NE	100,000	
	Excavation Direct Contact				100,000	790	920	100,000	3,800	NE	NE	79,000	100,000	1,000	46,000	38,000	9,800	9,800	100,000	20	100,000	9,900	100,000	100,000	3.1	NE	560	53	570	NE	100,000	
	Area 2	E2		NA	NA	NA	40.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	E3		NA	NA	NA	168	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	E5		NA	NA	NA	25.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	E6		NA	NA	NA	68.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	E7		NA	NA	NA	5.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	E8		NA	NA	NA	12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Area 2	E9		NA	NA	NA	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Area 2	1G		NA	NA	NA	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Area 2	A13		NA	NA	NA	50.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Area 2	A14		NA	NA	NA	47.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Area 2	A15		NA	NA	NA	93.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Area 2	A16		NA	NA	NA	42.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Area 2	A17		NA	NA	NA	128	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Area 2	A18		NA	NA	NA	193	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	A19		NA	NA	NA	115	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	A20		NA	NA	NA	33.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	A21		NA	NA	NA	27.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	B12		NA	NA	NA	NA	41.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	B13		NA	NA	NA	NA	19.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	B14		NA	NA	NA	NA	39	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	B15		NA	NA	NA	NA	35.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	B16		NA	NA	NA	NA	64.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	B17		NA	NA	NA	NA	83.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	B18		NA	NA	NA	NA	94.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	B19		NA	NA	NA	NA	12.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	B20		NA	NA	NA	NA	26.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	B21		NA	NA	NA	NA	12.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	B22		NA	NA	NA	NA	30.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	B23		NA	NA	NA	NA	30.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	C22		NA	NA	NA	NA	6.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	C23		NA	NA	NA	NA	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	C24		NA	NA	NA	NA	6.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	C25		NA	NA	NA	NA	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	C26		NA	NA	NA	NA	5.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	C27		NA	NA	NA	NA	<2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	C28		NA	NA	NA	NA	69.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	C29		NA	NA	NA	NA	4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	C30		NA	NA	NA	NA	99.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	C31		NA	NA	NA	NA	77.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Area 2	C32		NA	NA	NA	NA	26.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Exhibit 8 – Soil Management Plan

Page 529

The following notes summarize the color of screening level (SL) exceedances:

BOLD

= Constituent detected above Laboratory Reporting Level

Date	Figure Area		Figure ID	1,1,2-Trichloroethane																												
	1,2,4-Trimethylben	1,3,5-Trimethylben		2-Butanone (MEK)	2-Chlorotoluene	Acetone	Benzene	Carbon disulfide	Ethylbenzene	Isopropylbenzene (Toluene)	Methylene Chloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Xylene (Total)	n-Butylbenzene	n-Hexane	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	All Remaining VOCs	2,4-Dimethylphenol	2-Methylphenol (o-Cresol)	3,4-Methylphenol (m-Cresol)	4-Chloroaniline				
Contact				2.1	220	180	28,000	910	85,000	17	740	270	490	53	870	110	820	5.7	260	110	140	260	NE	150	180	NE	1,800	335	4,500	NE	38	5
Contact				6.3	220	180	28,000	910	100,000	51	740	250	3,200	170	870	170	820	19	260	110	140	260	NE	150	180	NE	16,000	3,010	41,000	NE	110	45
Contact				35	180	180	28,000	910	100,000	1,800	740	270	3,300	3,100	870	170	820	95	260	110	140	260	NE	150	180	NE	34,000	6,740	87,000	NE	6,000	100
2012	Area 2	B38		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	B39		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	C37		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	C38		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	C39		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	C40		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	C41		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	C42		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	C43		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	C44		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	C45		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	C46		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	C47		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	C48		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	C49		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	C50		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	D25		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	D26		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	D27		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	D28		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	D29		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	D30		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	D31		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	D32		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	E13		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	E14		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	E15		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	E16		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2012	Area 2	E17		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA										

Depth (ft)	Sample Date	Figure Area		Figure ID	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Mercury	Extended Range Organics	Gasoline Range Organics	PCB-1248 (Aroclor)	PCB-1254 (Aroclor)	PCB-1260 (Aroclor)	Nitrogen, Ammonia	Nitrogen, Nitrate	Nitrogen, Nitrite		
Soil	Identical Direct Contact				100,000	43	9.5	21,000	220	NE	NE	4,300	77,000	400	2,500	2,100	550	5,500	66,000	1.1	66,000	550	32,000	3.1	NE	NE	NE	3.2	1.7	3.4	NE	100,000	11,000	
	Ind Direct Contact				100,000	470	30	100,000	2,300	NE	NE	47,000	100,000	800	26,000	22,000	5,400	5,800	100,000	12	100,000	5,800	100,000	3.1	NE	NE	9.5	9.7	9.9	NE	100,000	100,000		
	Evaporation Direct Contact				100,000	790	920	100,000	3,800	NE	NE	79,000	100,000	1,000	46,000	38,000	9,800	9,800	100,000	20	100,000	9,900	100,000	3.1	NE	NE	560	53	570	NE	100,000	100,000		
		Area 2	B38		NA	NA	8.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Area 2	B39		NA	NA	7.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Area 2	C37		NA	NA	32.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Area 2	C38		NA	NA	36.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Area 2	C39		NA	NA	32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Area 2	C40		NA	NA	22.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Area 2	C41		NA	NA	11.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		Area 2	C42		NA	NA	92.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 2	C43		NA	NA	109	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 2	C44		NA	NA	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 2	C45		NA	NA	7.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 2	C46		NA	NA	63	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Area 2	C47		NA	NA	129	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	C48		NA	NA	96.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	C49		NA	NA	67.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	C50		NA	NA	51.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D25		NA	NA	34.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D26		NA	NA	29.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D27		NA	NA	36.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D28		NA	NA	5.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D29		NA	NA	39.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D30		NA	NA	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D31		NA	NA	53.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	D32		NA	NA	23.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	E13		NA	NA	44.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	E14		NA	NA	39.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	E15		NA	NA	78.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	E16		NA	NA	64.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	E17		NA	NA	8.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	E18		NA	NA	48.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	E19		NA	NA	18.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	E20		NA	NA	24.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	E21		NA	NA	135	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	F3		NA	NA	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	F4		NA	NA	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	F5		NA	NA	38.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	F6		NA	NA	44.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	F7		NA	NA	16.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	F8		NA	NA	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	Area 2	F9		NA	NA	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Exhibit 8 – Soil Management Plan – Page 535

The following notes summarize the color of screening level (SL) exceedances:
BOLD = Constituent detected above Laboratory Reporting Level

The following notes summarize the color of screening level (SL) exceedances:
BOLD = Constituent detected above Laboratory Reporting Level

Date	Figure Area		Figure ID	Exhibit 8																														
Contact				2.1	220	180	28,000	910	85,000	17	740	81	270	490	53	870	110	820	5.7	260	110	140	260	NE	150	180	NE	1,800	3,335	4,500	NE	38	5	4-Chloroaniline
Contact				6.3	220	180	28,000	910	100,000	51	740	250	270	3,200	170	870	170	820	19	260	110	140	260	NE	150	180	NE	16,000	3,010	41,000	NE	110	45	3&4-Methylphenol (Cresol)
Contact				35	220	180	28,000	910	100,000	1,800	740	480	270	3,300	3,100	870	170	820	95	260	110	140	260	NE	150	180	NE	34,000	6,740	87,000	NE	6,000	100	2-Methylphenol (o-Cresol)
2012	Area 2	F10		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 2	F11		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 2	F12		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 2	4G		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 2	5G		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 2	6G		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 3	A1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 3	A2		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 3	A3		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 3	A5		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 3	A6		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 3	A7		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 3	A8		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 3	A9		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 3	A10		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 3	A12		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 3	B1		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 3	B2		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 3	B6		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 3	B7		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 3	B18		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 3	B19		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2012	Area 2	B4		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[illegible]

Exhibit 8 - Soil Management Plan - Page 537

gement

Depth (ft)	Sample Date	Figure Area		Figure ID	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Mercury	Extended Range Or	Gasoline Range Or	PCB-1248 (Aroclor)	PCB-1254 (Aroclor)	PCB-1260 (Aroclor)	Nitrogen, Ammonia	Nitrogen, Nitrate	Nitrogen, Nitrite	
	Identical Direct Contact				100,000	43	9.5	21,000	220	NE	NE	4,300	77,000	400	2,500	2,100	550	550	66,000	1.1	66,000	550	32,000	3.1	3.1	NE	NE	3.2	1.7	3.4	NE	100,000	11,000
	Indirect Contact				100,000	470	30	100,000	2,300	NE	NE	47,000	100,000	800	26,000	22,000	5,400	5,400	100,000	12	100,000	5,800	100,000	3.1	3.1	NE	NE	9.5	9.7	9.9	NE	100,000	100,000
	Evaporation Direct Contact				100,000	790	920	100,000	3,800	NE	NE	79,000	100,000	1,000	46,000	38,000	9,800	9,800	100,000	20	100,000	9,900	100,000	3.1	3.1	NE	NE	560	33	570	NE	100,000	100,000
		Area 2		F10	NA	NA	21.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 2		F11	NA	NA	20.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 2		F12	NA	NA	64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 2		4G	NA	NA	51.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 2		5G	NA	NA	6.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 2		6G	NA	NA	38.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 3		A1	NA	NA	16.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 3		A2	NA	NA	11.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 3		A3	NA	NA	6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 3		A5	NA	NA	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 3		A6	NA	NA	7.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 3		A7	NA	NA	6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 3		A8	NA	NA	12.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 3		A9	NA	NA	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 3		A10	NA	NA	15.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 3		A12	NA	NA	27.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 3		B1	NA	NA	15.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 3		B2	NA	NA	15.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 3		B6	NA	NA	7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 3		B7	NA	NA	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 3		B18	NA	NA	14.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		Area 3		B19	NA	NA	16.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Exhibit 8 - Soil Management Plan - Page 538

The following notes summarize the color of screening level (SL) exceedances:

BOI D = Constituent detected above Laboratory Reporting Level

Soil Management Plan

Subsurface Soil Analytical Summary

Soil Boring ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
BBSB-1 (4-6')	4	6	05/08/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-1 (31-32')	31	32	05/08/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-2 (4-6')	4	6	05/06/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-2 (18-20')	18	20	05/06/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-3 (4-6')	4	6	05/06/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-3 (16-18')	16	18	05/06/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-4 (2-4')	2	4	05/06/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-4 (18-20')	18	20	05/06/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-5 (6-8')	6	8	05/08/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-5 (18-20')	18	20	05/08/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-6 (10-12')	10	12	05/08/2013	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSB-6 (18-20')	18	20	05/08/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-7 (4-6')	4	6	05/07/2013	>Ind SL	<Res SL	<Res SL	>Ind SL	<Res SL	<Res SL
BBSB-7 (6-8')	6	8	05/07/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-7 (22-24')	22	24	05/07/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-8 (4-6')	4	6	05/06/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-8 (22-24')	22	24	05/06/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-9 (12-14')	12	14	05/08/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-9 (24-28')	24	28	05/08/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-10 (8-10')	8	10	05/08/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-10 (18-20')	18	20	05/08/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-11 (6-8')	6	8	05/09/2013	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSB-11 (22-24')	22	24	05/09/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-12 (6-8')	6	8	05/07/2013	>Res SL	<Res SL	<Res SL	<Res SL	<Res SL	>Res SL
BBSB-12 (22-24')	22	24	05/07/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-13 (12-14')	12	14	05/09/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-13 (22-24')	22	24	05/09/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-14 (3-5')	3	5	05/09/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-14 (18-20')	18	20	05/09/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-15 (4-6')	4	6	05/07/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-15 (20-22')	20	22	05/07/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-16 (6-8')	6	8	05/07/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-16 (26-28')	26	28	05/07/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-17 (6-8')	6	8	05/08/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-17 (16-18')	16	18	05/08/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-18 (4-6')	4	6	05/08/2013	>Ind SL	<Res SL	<Res SL	>Ind SL	>Res SL	<Res SL
BBSB-18 (22-24')	22	24	05/08/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-19 (8-10')	8	10	05/08/2013	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
BBSB-19 (14-16')	14	16	05/08/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-19 (30-32')	30	32	05/08/2013	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSB-20 (12-14')	12	14	05/21/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-20 (30-32')	30	32	05/21/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-21 (10-12')	10	12	05/09/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-21 (30-32')	30	32	05/09/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-22 (10-12')	10	12	05/09/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL

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NA = Constituents not analyzed

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SVOCs = Semi-Volatile Organic Compounds

PAHs = Polycyclic Aromatic Hydrocarbons

All screening levels are based on the RCG table A-6 screening levels with updates

PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Subsurface Soil Analytical Summary

Soil Boring ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
BBSB-22 (30-32')	30	32	05/09/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-23 (8-10')	8	10	05/15/2013	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSB-23 (27-28')	27	28	05/15/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-24 (8-10')	8	10	05/09/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-25 (10-12')	10	12	05/09/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-25 (22-24')	22	24	05/09/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-26 (8-10')	8	10	05/21/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-26 (22-24')	22	24	05/21/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-27 (12-14')	12	14	05/10/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-27 (30-32')	30	32	05/10/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-28 (14-16')	14	16	05/10/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-29 (4-6')	4	6	05/10/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-29 (26-28')	26	28	05/10/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-30 (10-12')	10	12	05/10/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-30 (18-20')	18	20	05/10/2013	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSB-31 (12-14')	12	14	05/10/2013	>Exc SL	<Res SL	<Res SL	>Res SL	>Res SL	>Exc SL
BBSB-31 (27-28')	27	28	05/10/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-32 (12-14')	12	14	05/14/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-32 (26-28')	26	28	05/14/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-35 (6-8')	6	8	05/14/2013	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
BBSB-35 (26-28')	26	28	05/14/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-37 (8-10')	8	10	05/10/2013	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSB-37 (18-20')	18	20	05/10/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-38 (6-8')	6	8	05/20/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-38 (22-24')	22	24	05/20/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-39 (8-10')	8	10	05/20/2013	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	>Res SL
BBSB-39 (8-10')	8	10	05/22/2013	<Res SL	NA	<Res SL	NA	<Res SL	NA
BBSB-39 (22-24')	22	24	05/20/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-39 (22-24')	22	24	05/22/2013	<Res SL	NA	<Res SL	NA	<Res SL	NA
BBSB-40 (10-12')	10	12	05/13/2013	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
BBSB-40 (30-32')	30	32	05/13/2013	>Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-41 (10-12')	10	12	05/22/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-41 (30-32')	30	32	05/22/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-42 (6-8')	6	8	05/13/2013	>Ind SL	<Res SL	<Res SL	>Ind SL	>Res SL	<Res SL
BBSB-42 (22-24')	22	24	05/13/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-43 (10-12')	10	12	05/13/2013	>Ind SL	<Res SL	<Res SL	>Ind SL	<Res SL	<Res SL
BBSB-43 (24-26')	24	26	05/13/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-44 (2-4')	2	4	05/13/2013	>Ind SL	<Res SL	<Res SL	>Ind SL	>Res SL	<Res SL
BBSB-44 (26-28')	26	28	05/13/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-45 (16-18')	16	18	05/14/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-45 (41-42')	41	42	05/14/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-46 (6-8')	6	8	05/21/2013	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSB-46 (22-24')	22	24	05/21/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-47 (4-6')	4	6	05/15/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-47 (26-28')	26	28	05/15/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL

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PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan

Subsurface Soil Analytical Summary

Soil Boring ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
BBSB-48 (14-16')	14	16	05/22/2013	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
BBSB-48 (26-28')	26	28	05/22/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-49 (4-6')	4	6	05/15/2013	>Exc SL	<Res SL	<Res SL	>Ind SL	>Res SL	>Exc SL
BBSB-49 (16-18')	16	18	05/15/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-50 (14-16')	14	16	05/16/2013	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSB-50 (30-32')	30	32	05/16/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-50 (4-6')	4	6	05/16/2013	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	>Res SL
BBSB-51 (4-6')	4	6	05/16/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-51 (10-12')	10	12	05/16/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-51 (26-28')	26	28	05/16/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-52 (8-10')	8	10	05/21/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-52 (30-32')	30	32	05/22/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-53 (11-12')	11	12	05/17/2013	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSB-53 (27-28')	27	28	05/17/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-55 (8-10')	8	10	05/16/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-55 (26-28')	26	28	05/16/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-56 (12-14')	12	14	05/17/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-56 (27.5-27.75')	27.5	27.75	05/17/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-57 (12-14')	12	14	05/20/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-57 (26-28')	26	28	05/20/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-58 (6-8')	6	8	05/20/2013	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSB-58 (26-28')	26	28	05/20/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-59 (10-12')	10	12	05/17/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-59 (26-28')	26	28	05/17/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-60 (10-12')	10	12	05/17/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-60 (26-28')	26	28	05/17/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-61 (12-14')	12	14	05/17/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-61 (26-28')	26	28	05/17/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-61 (6-8')	6	8	05/17/2013	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSB-62 (12-14')	12	14	05/20/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-62 (26-28')	26	28	05/20/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-63 (6-8')	6	8	05/20/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-63 (26-28')	26	28	05/20/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-64 (4-6')	4	6	05/20/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-64 (22-24')	22	24	05/20/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-65 (2-4')	2	4	05/16/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-65 (24-26')	24	26	05/16/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-66 (10-12')	10	12	05/16/2013	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	>Res SL
BBSB-66 (26-28')	26	28	05/16/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-67 (8-10')	8	10	05/16/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-67 (26-28')	26	28	05/16/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-68 (10-12')	10	12	05/16/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-68 (10-12')	10	12	05/22/2013	<Res SL	NA	<Res SL	NA	<Res SL	NA
BBSB-68 (26-28')	26	28	05/16/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-68 (26-28')	26	28	05/22/2013	<Res SL	NA	<Res SL	NA	<Res SL	NA

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Soil Management Plan Subsurface Soil Analytical Summary

Soil Boring ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
BBSB-69 (12-14')	12	14	05/16/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-69 (30-32')	30	32	05/16/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-70 (30-32')	30	32	09/22/2014	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-70 (8-10')	8	10	09/23/2014	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
BBSB-85 (6-8')	6	8	5/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-85 (26-28')	26	28	5/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-86 (10-12')	10	12	5/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-86 (31-32')	31	32	5/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-87 (6-8')	6	8	5/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-87 (30-32')	30	32	5/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-88 (10-12')	10	12	5/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-88 (27-28')	27	28	5/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-89 (10-12')	10	12	5/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-89 (30-32')	30	32	5/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-96 (8-10')	8	10	1/19/2016	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
BBSB-96 (24-26')	24	26	1/19/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-97 (8-10')	8	10	1/19/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-97 (26-28')	26	28	1/20/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-98 (2-4')	2	4	1/20/2016	>Ind SL	<Res SL	<Res SL	>Ind SL	<Res SL	<Res SL
BBSB-98 (8-10')	8	10	1/20/2016	>Ind SL	<Res SL	<Res SL	>Ind SL	<Res SL	<Res SL
BBSB-98 (26-28')	26	28	1/20/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-135(8-10')	8	10	05/03/2017	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
BBSB-135(47-48')	47	48	05/03/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-137(10-12')	10	12	05/04/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-137(18-20')	18	20	05/04/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
BBSB-138 (6-8')	6	8	05/12/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
BBSB-138 (26-28')	26	28	05/12/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-1 (12-14')	12	14	03/18/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-1 (6-8')	6	8	03/18/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-2 (18-20')	18	20	03/21/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-2 (2-4')	2	4	03/21/2011	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-2 (8.5-10.5')	8.5	10.5	03/21/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-3 (10-12')	10	12	03/21/2011	>Ind SL	<Res SL	<Res SL	>Ind SL	>Res SL	<Res SL
CSSB-3 (15-17')	15	17	03/21/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-3 (18-20')	18	20	03/21/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-4 (14-16')	14	16	03/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-4 (7-8')	7	8	03/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-5 (14-16')	14	16	03/18/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-5 (8-10')	8	10	03/18/2011	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-6 (14-15.5')	14	15.5	03/18/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-6 (18-20')	18	20	03/18/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-7 (18-19.5')	18	19.5	03/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-7 (8-10')	8	10	03/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-8 (16-18')	16	18	03/18/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-8 (8-10')	8	10	03/18/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL

Notes:

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RCG = IDEM's 2012 Remediation Closure Guide with update (March 6, 2017)

NA = Constituents not analyzed

VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

PAHs = Polycyclic Aromatic Hydrocarbons

All screening levels are based on the RCG table A-6 screening levels with updates

PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Subsurface Soil Analytical Summary

Soil Boring ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
CSSB-9 (10-12')	10	12	03/17/2011	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
CSSB-9 (18-20')	18	20	03/17/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-9 (8-10')	8	10	03/17/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-10 (10-12')	10	12	03/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-10 (6-8')	6	8	03/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-11 (10-12')	10	12	03/17/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-11 (20.5-22.5')	20.5	22.5	03/17/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-12 (14-16')	14	16	03/17/2011	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-12 (7-8')	7	8	03/17/2011	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-13 (18-20')	18	20	03/21/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-13 (9-11')	9	11	03/21/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-14 (12-14')	12	14	03/22/2011	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
CSSB-14 (18-20')	18	20	03/22/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-14 (8-10')	8	10	03/22/2011	>Ind SL	<Res SL	<Res SL	>Ind SL	<Res SL	<Res SL
CSSB-15 (10-11.5')	10	11.5	03/22/2011	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-15 (14-16')	14	16	03/22/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-16 (2-4')	2	4	03/22/2011	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-16 (8-10')	8	10	03/22/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-17 (22-24')	22	24	03/23/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-17 (4-6')	4	6	03/23/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-17 (8-10')	8	10	03/23/2011	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
CSSB-18 (12-14')	12	14	03/23/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-18 (14-15.5')	14	15.5	03/23/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-19 (22-24')	22	24	03/22/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-19 (6-8')	6	8	03/22/2011	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-19 (8-10')	8	10	03/22/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-20 (10-12')	10	12	11/27/2012	>Ind SL	<Res SL	<Res SL	>Ind SL	<Res SL	<Res SL
CSSB-20 (22-24')	22	24	11/27/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-21 (18-20')	18	20	11/27/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-21 (8-10')	8	10	11/27/2012	>Ind SL	<Res SL	<Res SL	>Ind SL	<Res SL	<Res SL
CSSB-22 (13-14')	13	14	11/27/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-22 (8-10')	8	10	11/27/2012	>Exc SL	<Res SL	<Res SL	>Exc SL	<Res SL	<Res SL
CSSB-23 (12-14')	12	14	11/27/2012	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-23 (18-20')	18	20	11/27/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-24 (14-15')	14	15	11/27/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-24 (5-6')	5	6	11/27/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-25 (14-15')	14	15	11/27/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-25 (6-8')	6	8	11/27/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-26 (8-10')	8	10	03/20/2013	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
CSSB-26 (18-20')	18	20	03/20/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-27 (8-10')	8	10	03/20/2013	>Exc SL	<Res SL	<Res SL	>Ind SL	>Exc SL	<Res SL
CSSB-27 (18-20')	18	20	03/20/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-28 (12-14')	12	14	03/20/2013	>Ind SL	<Res SL	<Res SL	>Ind SL	>Res SL	<Res SL
CSSB-28 (18-20')	18	20	03/20/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-29 (13-15')	13	15	03/21/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL

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NA = Constituents not analyzed

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All screening levels are based on the RCG table A-6 screening levels with updates

PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Subsurface Soil Analytical Summary

Soil Boring ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
CSSB-29 (20-22')	20	22	03/21/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-30 (8-10')	8	10	03/21/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-31 (12-14')	12	14	03/21/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-31 (18-20')	18	20	03/21/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-32 (12-14')	12	14	07/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-32 (20-22')	20	22	07/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-33 (18-20')	18	20	07/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-33 (6-8')	6	8	07/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-34 (22-24')	22	24	07/30/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-34 (8-10')	8	10	07/30/2013	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
CSSB-35 (2-4')	2	4	07/31/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-35 (22-24')	22	24	07/31/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-36 (22-24')	22	24	07/31/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-36 (8-10')	8	10	07/31/2013	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
CSSB-37 (10-12')	10	12	07/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-37 (18-20')	18	20	07/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-37 (2-4')	2	4	07/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-38 (18-20')	18	20	07/30/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-38 (4-6')	4	6	07/30/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-39 (18-20')	18	20	07/31/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-39 (4-6')	4	6	07/31/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-40 (18-20')	18	20	07/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-40 (6-8')	6	8	07/29/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-41 (18-20')	18	20	07/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-41 (3-4')	3	4	07/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-42 (18-20')	18	20	07/30/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-42 (4-6')	4	6	07/30/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-43 (10-12')	10	12	07/31/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-43 (18-20')	18	20	07/31/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-44 (18-20')	18	20	07/30/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-44 (6-8')	6	8	07/30/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-45 (18-20')	18	20	07/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-45 (6-8')	6	8	07/29/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-46 (18-20')	18	20	07/30/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-46 (6-8')	6	8	07/30/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-47 (14-16')	14	16	08/01/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-47 (20-22')	20	22	08/01/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-48 (12-14')	12	14	07/31/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-48 (18-20')	18	20	07/31/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-49 (18-20')	18	20	07/30/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-49 (4-6')	4	6	07/30/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-50 (10-12')	10	12	07/29/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-50 (23-24')	23	24	07/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-51 (10-12')	10	12	08/01/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-51 (15-17')	15	17	08/01/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL

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PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Subsurface Soil Analytical Summary

Soil Boring ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
CSSB-52 (18-20')	18	20	07/31/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-52 (8-10')	8	10	07/31/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-53 (18-20')	18	20	07/31/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-53 (8-10')	8	10	07/31/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-54	0	10	09/22/2014	<Res SL	<Res SL	<Res SL	NA	<Res SL	<Res SL
CSSB-55	0	8	09/22/2014	<Res SL	<Res SL	<Res SL	NA	<Res SL	<Res SL
CSSB-56	0	9	09/22/2014	<Res SL	<Res SL	<Res SL	NA	<Res SL	<Res SL
CSSB-57	0	8	09/22/2014	<Res SL	<Res SL	<Res SL	NA	<Res SL	<Res SL
CSSB-77(6-8)	6	8	05/09/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-77 (42-44)	42	44	05/10/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-78 (4-6)	4	6	05/10/2017	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
CSSB-78 (8-10)	8	10	05/10/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-78 (26-27)	26	27	05/10/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-79(8-10)	8	10	05/09/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
CSSB-79(12-14)	12	14	05/09/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
CSSB-79(27-28)	27	28	05/09/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-1 (8-10')	8	10	10/27/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-1 (12-14')	12	14	10/27/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-2 (8-10')	8	10	10/27/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-2 (12-14')	12	14	10/27/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-3 (8-10')	8	10	10/28/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-3 (12-14')	12	14	10/28/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-4 (4-6')	4	6	10/27/2010	>Ind SL	<Res SL	<Res SL	>Ind SL	>Res SL	<Res SL
GSSB-4 (6-8')	6	8	10/27/2010	>Ind SL	<Res SL	<Res SL	>Ind SL	<Res SL	<Res SL
GSSB-4 (8-10')	8	10	10/27/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-4 (18-20')	18	20	10/27/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-5 (6-8')	6	8	10/27/2010	>Ind SL	>Res SL	<Res SL	>Ind SL	>Res SL	<Res SL
GSSB-5 (18-20')	18	20	10/27/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-6 (10-12')	10	12	10/27/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-6 (18-20')	18	20	10/27/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-7 (4-6')	4	6	10/26/2010	>Exc SL	<Res SL	<Res SL	>Exc SL	>Res SL	<Res SL
GSSB-7 (8-10')	8	10	10/26/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-7 (19-20')	19	20	10/26/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-8 (8-10')	8	10	10/28/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-8 (18-20')	18	20	10/28/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-9 (6-8')	6	8	10/28/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-9 (16-18')	16	18	10/28/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-10 (4-6')	4	6	10/29/2010	>Res SL	>Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-10 (16-18')	16	18	10/29/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-10 (22-24')	22	24	10/29/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-11 (8-10')	8	10	10/28/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-11 (10-12')	10	12	10/28/2010	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-12 (2-4')	2	4	10/29/2010	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-12 (10-12')	10	12	10/29/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-13 (6-8')	6	8	10/29/2010	>Exc SL	>Ind SL	<Res SL	>Exc SL	>Exc SL	<Res SL

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PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Subsurface Soil Analytical Summary

Soil Boring ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
GSSB-13 (10-12')	10	12	10/29/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-13 (18-20')	18	20	10/29/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB- 14 (12-14')	12	14	10/29/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-14 (18-20')	18	20	10/29/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-15 (4-6')	4	6	10/28/2010	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
GSSB-15 (8-10')	8	10	10/28/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-15 (18-20')	18	20	10/28/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-19 (6-8')	6	8	03/17/2011	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
GSSB-19 (10-12')	10	12	03/17/2011	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-20 (4-5.5')	4	5.5	03/17/2011	<Res SL	<Res SL	<Res SL	NA	<Res SL	<Res SL
GSSB-21 (2-4')	2	4	03/16/2011	>Res SL	>Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-21 (8-10')	8	10	03/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-21 (16-18')	16	18	03/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-23 (8-9.5')	8	9.5	03/14/2011	<Res SL	NA	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-23 (8-9.5')	8	9.5	03/17/2011	<Res SL	<Res SL	<Res SL	NA	<Res SL	<Res SL
GSSB-23 (12-14')	12	14	03/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-23 (18-20')	18	20	03/14/2011	<Res SL	NA	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-23 (18-20')	18	20	03/17/2011	<Res SL	<Res SL	<Res SL	NA	<Res SL	<Res SL
GSSB-24 (6-8')	6	8	03/17/2011	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-24 (10-12')	10	12	03/17/2011	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-24 (18-20')	18	20	03/17/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-25 (6-8')	6	8	03/15/2011	>Ind SL	<Res SL	<Res SL	>Ind SL	>Res SL	<Res SL
GSSB-25 (12-14')	12	14	03/15/2011	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
GSSB-25 (18-20')	18	20	03/15/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-26 (6-8')	6	8	03/15/2011	>Ind SL	<Res SL	<Res SL	>Ind SL	>Res SL	<Res SL
GSSB-26 (16-18')	16	18	03/15/2011	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-27 (8-10')	8	10	03/16/2011	>Ind SL	<Res SL	<Res SL	>Ind SL	<Res SL	<Res SL
GSSB-27 (19-20')	19	20	03/16/2011	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-28 (6-8')	6	8	03/16/2011	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
GSSB-28 (24-25')	24	25	03/16/2011	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-29 (8-10')	8	10	10/25/2010	>Ind SL	>Res SL	<Res SL	>Ind SL	<Res SL	<Res SL
GSSB-29 (18-20')	18	20	10/25/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-29 (24-25')	24	25	10/25/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-30 (6-8')	6	8	02/16/2011	>Exc SL	<Res SL	<Res SL	>Ind SL	>Exc SL	<Res SL
GSSB-30 (12-14')	12	14	02/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-30 (18-20')	18	20	02/16/2011	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-31 (2-4')	2	4	10/26/2010	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
GSSB-31 (8-10')	8	10	10/26/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-31 (16-18')	16	18	10/26/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-32 (8-10')	8	10	10/25/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-32 (18-20')	18	20	10/25/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-33 (2-4')	2	4	02/14/2011	>Ind SL	NA	<Res SL	>Ind SL	>Ind SL	<Res SL
GSSB-33 (8-10')	8	10	02/14/2011	>Ind SL	NA	<Res SL	>Ind SL	>Res SL	<Res SL
GSSB-34 (2-4')	2	4	02/14/2011	>Res SL	NA	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-34 (8-10')	8	10	02/14/2011	>Res SL	NA	<Res SL	<Res SL	>Res SL	<Res SL

Notes:

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NA = Constituents not analyzed

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SVOCs = Semi-Volatile Organic Compounds

PAHs = Polycyclic Aromatic Hydrocarbons

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PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Subsurface Soil Analytical Summary

Soil Boring ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
GSSB-36 (4-6')	4	6	01/31/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-36 (22-24')	22	24	01/31/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-37 (6-8')	6	8	02/02/2012	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-37 (16-18')	16	18	01/31/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-38 (8-10')	8	10	01/31/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-38 (16-18')	16	18	01/31/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-39 (4-6')	4	6	03/01/2012	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
GSSB-39 (8-10')	8	10	03/01/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-39 (15-16')	15	16	03/01/2012	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-40 (10-12')	10	12	11/26/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-40 (18-20')	18	20	11/26/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-41 (18-20')	18	20	11/26/2012	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-41 (8-10')	8	10	11/26/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-43 (18-20')	18	20	11/26/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-43 (8-10')	8	10	11/26/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-44 (22-24')	22	24	11/26/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-44 (8-10')	8	10	11/26/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-45 (8-10')	8	10	03/21/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSBD-45 (18-20')	18	20	03/21/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-46 (18-20')	18	20	03/21/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-46 (8-10')	8	10	03/21/2013	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
GSSB-55 (18-20')	18	20	05/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-55 (6-8')	6	8	05/29/2013	>Ind SL	>Ind SL	<Res SL	>Ind SL	<Res SL	<Res SL
GSSB-56 (10-12')	10	12	05/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-56 (18-20')	18	20	05/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-57 (18.5-20')	18.5	20	05/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-57 (4-6')	4	6	05/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-58 (18-20')	18	20	05/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-58 (6-8')	6	8	05/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-59 (18-20')	18	20	05/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-59 (6-8')	6	8	05/29/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-60 (18-20')	18	20	05/29/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-60 (6-8')	6	8	05/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-61 (18-20')	18	20	05/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-61 (6-8')	6	8	05/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-62 (16-18')	16	18	05/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-62 (6-8')	6	8	05/29/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-63 (18-20')	18	20	05/29/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-63 (6-8')	6	8	05/29/2013	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
GSSB-100 (18-20')	18	20	08/26/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-100 (6-8')	6	8	08/26/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-101 (12-14')	12	14	08/26/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-101 (18-20')	18	20	08/26/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-101 (6-8')	6	8	08/26/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-109 (1-3')	1	3	10/11/2013	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL

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PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Subsurface Soil Analytical Summary

Soil Boring ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
GSSB-109 (4-6')	4	6	10/11/2013	>Ind SL	<Res SL	<Res SL	>Ind SL	<Res SL	<Res SL
GSSB-110 (1-3')	1	3	10/11/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-110 (3-5')	3	5	10/11/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-111 (1-3')	1	3	10/11/2013	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
GSSB-111 (3-5')	3	5	10/11/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-112 (1-3')	1	3	10/11/2013	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
GSSB-112 (3-5')	3	5	10/11/2013	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
GSSB-113 (1-3')	1	3	10/11/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-113 (3-5')	3	5	10/11/2013	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-114 (1-3')	1	3	10/11/2013	>Res SL	<Res SL	<Res SL	>Res SL	>Res SL	<Res SL
GSSB-114 (3-5')	3	5	10/11/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-115 (1-3')	1	3	10/11/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-115 (3-5')	3	5	10/11/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-116 (1-3')	1	3	10/11/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-116 (3-5')	3	5	10/11/2013	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-128 (16-18')	16	18	09/24/2014	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-128 (26-28')	26	28	09/24/2014	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-129 (4-6')	4	6	09/25/2014	>Exc SL	<Res SL	<Res SL	>Ind SL	>Exc SL	<Res SL
GSSB-129 (16-18')	16	18	09/25/2014	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-129 (26-28')	26	28	09/25/2014	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-130 (8-10')	8	10	09/25/2014	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-130 (10-12')	10	12	09/25/2014	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-130 (26-28')	26	28	09/25/2014	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-131 (12-14')	12	14	09/25/2014	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-133 (18-20')	18	20	09/24/2014	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-144 (6-8')	6	8	09/25/2014	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-144 (18-20')	18	20	09/25/2014	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-145 (6-8')	6	8	09/25/2014	>Ind SL	<Res SL	<Res SL	>Res SL	>Ind SL	<Res SL
GSSB-145 (18-20')	18	20	09/25/2014	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-146 (14-16')	14	16	10/07/2014	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-147 (15-17')	15	17	10/07/2014	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-147 (26-28')	26	28	10/07/2014	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-148 (8-10')	8	10	10/07/2014	>Exc SL	<Res SL	<Res SL	>Res SL	>Exc SL	<Res SL
GSSB-148 (18-20')	18	20	10/07/2014	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-149 (6-8')	6	8	10/08/2014	>Ind SL	<Res SL	<Res SL	>Ind SL	<Res SL	<Res SL
GSSB-149 (14-16')	14	16	10/08/2014	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-151 (4-6')	4	6	10/08/2014	>Exc SL	>Exc SL	<Res SL	>Ind SL	>Exc SL	<Res SL
GSSB-151 (14-16')	14	16	10/08/2014	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-152 (20-22')	20	22	10/08/2014	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-153 (20-22')	20	22	10/08/2014	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-155 (6-8')	6	8	10/09/2014	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	<Res SL
GSSB-155 (14-16')	14	16	10/09/2014	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-167 (4-6')	4	6	03/23/2015	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	NA
GSSB-167 (14-16')	14	16	03/23/2015	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	NA
GSSB-168 (8-10')	8	10	03/23/2015	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	NA

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Soil Management Plan Subsurface Soil Analytical Summary

Soil Boring ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
GSSB-168 (18-20')	18	20	03/23/2015	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	NA
GSSB-169 (6-8')	6	8	03/23/2015	>Res SL	<Res SL	<Res SL	>Res SL	<Res SL	NA
GSSB-169 (18-20')	18	20	03/23/2015	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	NA
GSSB-170 (4-6')	4	6	03/23/2015	>Ind SL	<Res SL	<Res SL	>Ind SL	<Res SL	NA
GSSB-170 (22-24')	22	24	03/23/2015	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	NA
GSSB-171 (6-8')	6	8	03/24/2015	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	NA
GSSB-171 (22-24')	22	24	03/24/2015	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	NA
GSSB-172 (2-4')	2	4	03/24/2015	>Ind SL	<Res SL	<Res SL	>Ind SL	<Res SL	NA
GSSB-172 (22-24')	22	24	03/24/2015	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	NA
GSSB-173 (2-4')	2	4	03/24/2015	>Exc SL	<Res SL	<Res SL	>Exc SL	<Res SL	NA
GSSB-173 (14-16')	14	16	03/24/2015	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	NA
GSSB-212 (6-8')	6	8	05/10/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-212 (14-16')	14	16	05/10/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-213 (4-6')	4	6	05/10/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-213 (14-16')	14	16	05/10/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-214-6-8	6	8	05/11/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-214-14-16	14	16	05/11/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-214-16-18	16	18	05/11/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-215-4-6	4	6	05/11/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-215-6-8	6	8	05/11/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-215-22-24	22	24	05/11/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-216-4-6	4	6	05/11/2017	>Exc SL	>Res SL	<Res SL	>Exc SL	>Res SL	>Res SL
GSSB-216-14-16	14	16	05/11/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-217 (6-8')	6	8	05/10/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-217 (18-20')	18	20	05/10/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-218 (6-8')	6	8	05/10/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-218 (10-12')	10	12	05/10/2017	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
GSSB-218 (16-18')	16	18	05/10/2017	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-42 (10-12')	10	12	11/26/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
GSSB-42 (18-20')	18	20	11/26/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-1 (4-6')	4	6	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-1 (6-8')	6	8	05/17/2011	>Exc SL	NA	<Res SL	NA	>Exc SL	NA
SESB-1 (8-10')	8	10	05/17/2011	>Exc SL	NA	<Res SL	NA	>Exc SL	NA
SESB-1 (10-12')	10	12	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-1 (12-14')	12	14	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-1 (14-16')	14	16	05/17/2011	>Exc SL	NA	<Res SL	NA	>Exc SL	NA
SESB-1 (16-18')	16	18	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-2 (4-6')	4	6	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-2 (6-8')	6	8	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-2 (8-10')	8	10	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-2 (10-12')	10	12	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-2 (12-14')	12	14	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-2 (14-16')	14	16	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-2 (16-18')	16	18	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-3 (2-4')	2	4	10/27/2010	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL

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NA = Constituents not analyzed

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SVOCs = Semi-Volatile Organic Compounds

PAHs = Polycyclic Aromatic Hydrocarbons

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PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan

Subsurface Soil Analytical Summary

Soil Boring ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
SESB-3 (10-12)	10	12	10/27/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-4 (2-4)	2	4	10/26/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-4 (10-12)	10	12	10/26/2010	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-5 (12-14)	12	14	10/25/2010	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-5 (16-18)	16	18	10/25/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-6 (4-6)	4	6	10/26/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-6 (16-18)	16	18	10/26/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-7 (14-16)	14	16	10/25/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-7 (16-18)	16	18	10/25/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-8 (12-14)	12	14	10/26/2010	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-8 (18-20)	18	20	10/26/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-9 (16-18)	16	18	10/25/2010	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-9 (18-20)	18	20	10/25/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-10 (16-18)	16	18	10/25/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-10 (18)	18	18	10/25/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-11 (4-6)	4	6	05/17/2011	>Exc SL	NA	<Res SL	NA	>Exc SL	NA
SESB-11 (6-8)	6	8	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-11 (8-10')	8	10	05/17/2011	>Res SL	NA	<Res SL	NA	>Res SL	NA
SESB-11 (10-12')	10	12	05/17/2011	>Exc SL	NA	<Res SL	NA	>Exc SL	NA
SESB-11 (12-14')	12	14	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-11 (14-16')	14	16	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-11 (16-18')	16	18	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-12* (14-16')	14	16	10/25/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-12* (16-18')	16	18	10/25/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-12 (4-6)	4	6	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-12 (6-8)	6	8	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-12 (8-10')	8	10	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-12 (10-12')	10	12	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-12 (12-14')	12	14	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-12 (14-16')	14	16	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-12 (16-18')	16	18	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-14 (2-4)	2	4	02/14/2011	>Ind SL	NA	<Res SL	NA	>Ind SL	NA
SESB-14 (10-12)	10	12	02/14/2011	>Exc SL	NA	<Res SL	NA	>Exc SL	NA
SESB-15 (2-4)	2	4	02/14/2011	>Res SL	NA	<Res SL	NA	>Res SL	NA
SESB-15 (12-14)	12	14	02/14/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-16 (12-14)	12	14	02/14/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-17 (12-14)	12	14	02/14/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-39-4-6	4	6	07/08/2016	>Exc SL	<Res SL	<Res SL	<Res SL	>Exc SL	<Res SL
SESB-39-26-28	26	28	07/08/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-40-4-6	4	6	07/08/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-40-22-24	22	24	07/08/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-41-4-6	4	6	07/08/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-41-26-28	26	28	07/08/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-42-2-4	2	4	07/08/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-42-26-28	26	28	07/08/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL

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PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Subsurface Soil Analytical Summary

Soil Boring ID	Start Depth (ft bg)	End Depth (ft bg)	Sample Date	Overall	VOCs	SVOCs	PAHs	Metals	Inorganics
SESB-43-2-4	2	4	07/08/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-43-26-28	26	28	07/08/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-20 (12-14)	12	14	02/14/2011	>Res SL	NA	<Res SL	NA	>Res SL	NA
SESB-20 (16-18)	16	18	02/14/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-21 (4-6)	4	6	02/15/2011	>Exc SL	NA	<Res SL	NA	>Exc SL	NA
SESB-21 (6-8')	6	8	05/17/2011	>Res SL	NA	<Res SL	NA	>Res SL	NA
SESB-21 (8-10')	8	10	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-21 (10-12')	10	12	05/17/2011	>Res SL	NA	<Res SL	NA	>Res SL	NA
SESB-21 (12-14')	12	14	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-21 (14-16')	14	16	05/17/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-21 (16-18)	16	18	02/15/2011	>Exc SL	NA	<Res SL	NA	>Exc SL	NA
SESB-21 (18-20)	18	20	02/15/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-22 (4-6)	4	6	02/15/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-22 (16-18)	16	18	02/15/2011	<Res SL	NA	<Res SL	NA	<Res SL	NA
SESB-23 (4-6)	4	6	02/15/2011	>Res SL	NA	<Res SL	NA	>Res SL	<Res SL
SESB-23 (12-14)	12	14	02/15/2011	<Res SL	NA	<Res SL	NA	<Res SL	<Res SL
SESB-24 (4-6)	4	6	02/15/2011	<Res SL	NA	<Res SL	NA	<Res SL	<Res SL
SESB-24 (12-14)	12	14	02/15/2011	<Res SL	NA	<Res SL	NA	<Res SL	<Res SL
SESB-25 (4-6)	4	6	02/15/2011	>Res SL	NA	<Res SL	NA	>Res SL	<Res SL
SESB-25 (12-14)	12	14	02/15/2011	<Res SL	NA	<Res SL	NA	<Res SL	<Res SL
SESB-27 (18-20')	18	20	06/25/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-28 (14-16')	14	16	06/25/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-28 (6-8')	6	8	06/25/2012	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-29 (8-10')	8	10	06/25/2012	>Exc SL	<Res SL	<Res SL	<Res SL	>Exc SL	<Res SL
SESB-29 (14-16')	14	16	06/25/2012	>Exc SL	<Res SL	<Res SL	<Res SL	>Exc SL	<Res SL
SESB-30 (4-6')	4	6	06/26/2012	>Ind SL	<Res SL	<Res SL	<Res SL	>Ind SL	<Res SL
SESB-30 (10-12')	10	12	06/26/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-31 (4-6')	4	6	06/26/2012	>Exc SL	<Res SL	<Res SL	<Res SL	>Exc SL	<Res SL
SESB-31 (10-12')	10	12	06/26/2012	>Exc SL	<Res SL	<Res SL	<Res SL	>Exc SL	<Res SL
SESB-32 (12-14')	12	14	06/26/2012	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-33-6-8	6	8	07/06/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-33-28-30	28	30	07/06/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-34-8-10	8	10	07/06/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-34-26-28	26	28	07/06/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-35-8-10	8	10	07/07/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-35-18-20	18	20	07/07/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-36-4-6	4	6	07/07/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-36-26-28	26	28	07/07/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-37-4-6	4	6	07/07/2016	>Res SL	<Res SL	<Res SL	<Res SL	>Res SL	<Res SL
SESB-37-26-28	26	28	07/07/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SESB-38-4-6	4	6	07/07/2016	>Ind SL	<Res SL	<Res SL	<Res SL	>Ind SL	<Res SL
SESB-38-26-28	26	28	07/07/2016	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SETP-1 (15.5-16.5)	15.5	16.5	10/29/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL
SETP-2 (7-8)	7	8	10/28/2010	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL	<Res SL

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PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Sample Date	1,1,2-Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone (MEK)	2-Chlorotoluene	Acetone	Benzene	Carbon disulfide	Ethylbenzene	Isopropylbenzene (Cumene)	Methylchloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Xylene (Total)	n-Butylbenzene	n-Hexane	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	All Remaining VOCs	2,4-Dimethylphenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Chloroaniline	Acephenanthrene	Acephenanthrene	
05/08/2013	2.1	220	180	28,000	910	85,000	17	740	81	270	490	53	870	110	820	5.7	260	110	140	260	NE	150	180	NE	1,800	335	4,500	NE	5,000	NE	
05/08/2013	6.3	220	180	28,000	910	100,000	51	740	250	270	3,200	170	870	170	820	19	260	110	140	140	NE	150	180	NE	16,000	3,010	41,000	NE	110	45,000	NE
05/06/2013	35	220	180	28,000	910	100,000	1,800	740	480	270	3,300	3,100	870	170	820	95	260	110	140	140	NE	150	180	NE	34,000	6,740	87,000	NE	6,000	100,000	NE
05/06/2013	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0088	<0.0044	<0.0044	<0.0176	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0088	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	BRL	<0.379	<0.379	<0.379	<0.758	<0.379	<0.379	
05/08/2013	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.007	<0.0035	<0.0035	<0.0139	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.007	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	BRL	<0.359	<0.359	<0.359	<0.719	<0.359	<0.359	
05/06/2013	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0092	<0.0046	<0.0046	<0.0183	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0092	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	BRL	<0.402	<0.402	<0.402	<0.804	<0.402	<0.402	
05/06/2013	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0079	<0.0039	<0.0039	<0.0158	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0079	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	BRL	<0.363	<0.363	<0.363	<0.725	<0.363	<0.363	
05/06/2013	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.009	<0.0045	<0.0045	<0.0147	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.009	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	BRL	<0.401	<0.401	<0.401	<0.803	<0.401	<0.401	
05/06/2013	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0073	<0.0037	<0.0037	<0.0147	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0073	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	BRL	<0.352	<0.352	<0.352	<0.704	<0.352	<0.352	
05/06/2013	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0077	<0.0038	<0.0038	<0.0153	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0077	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	BRL	<0.39	<0.39	<0.39	<0.779	<0.39	<0.39	
05/06/2013	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0079	<0.0039	<0.0039	<0.0158	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0079	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	BRL	<0.362	<0.362	<0.362	<0.723	<0.362	<0.362	
05/08/2013	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0078	<0.0039	<0.0039	<0.0156	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0078	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	BRL	<0.38	<0.38	<0.38	<0.761	<0.38	<0.38	
05/08/2013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0085	<0.0043	<0.0043	<0.017	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0085	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	BRL	<0.361	<0.361	<0.361	<0.721	<0.361	<0.361	
05/08/2013	<0.472	8.09	2.06	<0.0044	<0.0044	<0.0044	<0.0044	<0.0087	0.889	1.75	<1.89	220	<0.472	<0.472	<0.472	<0.472	<0.944	0.947	<0.472	0.66	0.81	<0.472	<0.472	<0.472	BRL	<0.398	6.75	<0.398	<0.795	<0.398	<0.398
05/08/2013	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.008	<0.004	<0.004	<0.0161	<0.004	<0.004	<0.004	<0.004	<0.004	<0.008	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	BRL	<0.355	<0.355	<0.355	<0.71	<0.355	<0.355	
05/07/2013	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0093	<0.0047	<0.0047	<0.0187	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0093	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	BRL	<0.414	<0.414	<0.414	<0.829	<0.414	<0.414	
05/07/2013	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0087	<0.0044	<0.0044	<0.0174	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0087	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	BRL	<0.397	<0.397	<0.397	<0.794	<0.397	<0.397	
05/07/2013	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0077	<0.0039	<0.0039	<0.0154	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0077	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	BRL	<0.364	<0.364	<0.364	<0.729	<0.364	<0.364	
05/06/2013	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0069	<0.0034	<0.0034	<0.0138	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0069	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	BRL	<0.373	<0.373	<0.373	<0.746	<0.373	<0.373	
05/06/2013	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0091	<0.0046	<0.0046	<0.0183	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0091	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	BRL	<0.367	<0.367	<0.367	<0.734	<0.367	<0.367	
05/08/2013	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.007	<0.0035	<0.0035	<0.0141	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.007	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	BRL	<0.354	<0.354	<0.354	<0.708	<0.354	<0.354	
05/08/2013	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	<0.0042	<0.0169	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	BRL	<0.366	<0.366	<0.366	<0.731	<0.366	<0.366	
05/08/2013	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0065	<0.0032	<0.0032	<0.013	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0065	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	BRL	<0.362	<0.362	<0.362	<0.724	<0.362	<0.362	
05/08/2013	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	<0.0042	<0.0169	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	BRL	<0.362	<0.362	<0.362	<0.724	<0.362	<0.362	
05/09/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.0199	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	BRL	<0.38	<0.38	<0.38	<0.761	<0.38	<0.38	
05/09/2013	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.0081	<0.004	<0.004	<0.0162	<0.004	<0.004	<0.004	<0.004	<0.004	<0.0081	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	BRL	<0.356	<0.356	<0.356	<0.711	<0.356	<0.356	
05/07/2013	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0106	<0.0053	<0.0053	<0.0212	0.0361	<0.0053	<0.0053	<0.0053	<0.0053	<0.0106	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	BRL	<0.395	<0.395	<0.395	<0.789	<0.395	<0.395	
05/07/2013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0087	<0.0043	<0.0043	<0.0173	0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0087	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	BRL	<0.355	<0.355	<0.355	<0.709	<0.355	<0.355	
05/09/2013	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0092	<0.0046	<0.0046	<0.0184	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0092	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	BRL	<0.361	<0.361	<0.361	<0.722	<0.361	<0.361	
05/09/2013	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0081	<0.0041	<0.0041	<0.0163	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0081	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	BRL	<0.363	<0.363	<0.363	<0.725	<0.363	<0.363	
05/09/2013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0085	<0.0043	<0.0043	<0.0171	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0085	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	BRL	<0.397	<0.397	<0.397	<0.794	<0.397	<0.397	
05/09/2013	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0086	<0.0043	<0.0043	<0.0173	<0.0043	<0.00																		

Sample Date	1,1,2-Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Butanone (MEK)	2-Chlorotoluene	Acetone	Benzene	Carbon disulfide	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Xylene (Total)	n-Butylbenzene	n-Hexane	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	All Remaining VOCs	2,4-Dimethylphenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Chloroaniline	Arenaphthene	Acephenylene	
Contact	2.1	220	180	28,000	910	85,000	17	740	81	270	490	53	870	110	820	5.7	260	110	140	260	NE	150	180	NE	1,800	335	4,500	NE	38	5,000	NE
Contact	6.3	220	180	28,000	910	100,000	51	740	250	270	3,200	170	870	170	820	19	260	110	140	260	NE	150	180	NE	16,000	3,010	41,000	NE	110	45,000	NE
Contact	35	220	180	28,000	910	100,000	1,800	740	480	270	3,500	3,100	870	170	820	95	260	110	140	260	NE	150	180	NE	34,000	6,740	87,000	NE	6,000	100,000	NE
05/21/2013	<0.0039	<0.0039	<0.0039	<0.0782	<0.0039	<0.0039	<0.0039	<0.0078	<0.0039	<0.0039	<0.0156	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0078	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	BRL	<0.368	<0.368	<0.737	<0.737	<0.368	0.928	
05/09/2013	<0.0042	<0.0042	<0.0042	<0.0836	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	<0.0042	<0.0167	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	BRL	<0.382	<0.382	<0.765	<0.765	<0.382	<0.382	
05/09/2013	<0.0039	<0.0039	<0.0039	<0.0777	<0.0039	<0.0039	<0.0039	<0.0078	<0.0039	<0.0039	<0.0155	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0078	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	BRL	<0.37	<0.37	<0.74	<0.74	<0.37	<0.37	
05/09/2013	<0.0046	<0.0046	<0.0046	<0.0926	<0.0046	<0.0046	<0.0046	<0.0083	<0.0046	<0.0046	<0.0185	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0093	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	BRL	<0.377	<0.377	<0.754	<0.754	<0.377	<0.377	
05/09/2013	<0.0041	<0.0041	<0.0041	<0.0816	<0.0041	<0.0041	<0.0041	<0.0082	<0.0041	<0.0041	<0.0163	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0082	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	BRL	<0.384	<0.384	<0.767	<0.767	<0.384	<0.384	
05/15/2013	<0.0038	<0.0038	<0.0038	<0.0763	<0.0038	<0.0038	<0.0038	<0.0076	<0.0038	<0.0038	<0.0153	0.0098	<0.0038	<0.0038	<0.0038	<0.0038	<0.0076	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	BRL	0.741	11.8	<0.759	<0.759	3.43	1.22	
05/15/2013	<0.0038	<0.0038	<0.0038	<0.0764	<0.0038	<0.0038	<0.0038	<0.0076	<0.0038	<0.0038	<0.0153	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0076	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	BRL	<0.374	<0.374	<0.747	<0.747	<0.374	<0.374	
05/09/2013	<0.0039	<0.0039	<0.0039	<0.0772	<0.0039	<0.0039	<0.0039	<0.0077	<0.0039	<0.0039	<0.0154	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0077	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	BRL	<0.37	<0.37	<0.741	<0.741	<0.37	<0.37	
05/09/2013	<0.0034	<0.0034	<0.0034	<0.0675	<0.0034	<0.0034	<0.0034	<0.0068	<0.0034	<0.0034	<0.0135	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0068	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	BRL	<0.371	<0.371	<0.742	<0.742	<0.371	<0.371	
05/09/2013	<0.0038	<0.0038	<0.0038	<0.0763	<0.0038	<0.0038	<0.0038	<0.0076	<0.0038	<0.0038	<0.0153	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0076	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	BRL	<0.364	<0.364	<0.729	<0.729	<0.364	<0.364	
05/21/2013	<0.0037	<0.0037	<0.0037	<2.15	<0.0037	<2.15	<0.0037	<2.15	<0.0037	<0.0037	<0.0149	0.121	<0.0037	<0.0037	<0.0037	<0.0037	<2.15	0.21	<0.0037	<0.0037	<0.0037	0.463	<0.107	BRL	<0.399	<0.399	<0.798	<0.798	<0.399	<0.399	
05/21/2013	<0.0046	<0.0046	<0.0046	<0.0971	<0.0046	<0.0971	<0.0046	<0.0079	<0.0046	<0.0046	<0.0158	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0079	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	BRL	<0.399	<0.399	<0.798	<0.798	<0.399	<0.399	
05/10/2013	<0.0046	<0.0046	<0.0046	<0.0992	<0.0046	<0.0992	0.0735	<0.0092	<0.0046	<0.0046	<0.0184	0.0693	<0.0046	0.0106	<0.0046	<0.0046	<0.0092	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	BRL	1.67	<0.403	<0.806	<0.806	<0.403	<0.403	
05/10/2013	<0.0046	<0.0046	<0.0046	<0.092	<0.0046	<0.092	<0.0046	<0.0092	<0.0046	<0.0046	<0.0184	0.0054	<0.0046	<0.0046	<0.0046	<0.0046	<0.0092	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	BRL	<0.361	<0.361	<0.721	<0.721	<0.361	<0.361	
05/10/2013	<0.138	0.182	<0.138	<2.75	<0.138	<2.75	0.0918	<0.275	<0.138	<0.138	<0.551	21.8	<0.138	<0.138	<0.138	<0.138	<0.275	<0.138	<0.138	<0.138	<0.138	<0.138	<0.138	BRL	<0.407	9.57	<0.813	<0.813	2.5	2.87	
05/10/2013	<0.0045	<0.0045	<0.0045	<0.0892	<0.0045	<0.0892	<0.0045	<0.0089	<0.0045	<0.0045	<0.0178	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0089	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	BRL	<0.403	<0.403	<0.806	<0.806	<0.403	<0.403	
05/10/2013	<0.004	<0.004	<0.004	<0.0807	<0.004	<0.0807	<0.004	<0.0081	<0.004	<0.004	<0.0161	<0.004	<0.004	<0.004	<0.004	<0.004	<0.0081	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	BRL	<0.362	<0.362	<0.723	<0.723	<0.362	<0.362	
05/10/2013	<0.004	<0.004	<0.004	<0.0793	<0.004	<0.0793	<0.004	<0.0079	<0.004	<0.004	<0.0159	<0.004	<0.004	<0.004	<0.004	<0.004	<0.0079	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	BRL	<0.377	<0.377	<0.754	<0.754	<0.377	<0.377	
05/10/2013	<0.0036	<0.0036	<0.0036	<0.0713	<0.0036	<0.0713	<0.0036	<0.0071	<0.0036	<0.0036	<0.0143	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0071	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	BRL	<0.363	<0.363	<0.727	<0.727	<0.363	<0.363	
05/10/2013	<0.126	2.94	1.0	<0.629	<0.126	<2.51	1.61	0.785	3.33	0.69	<0.503	145	<0.126	0.149	<0.126	0.125	<0.275	0.133	<0.133	0.796	0.17	0.554	<0.126	BRL	<4.37	5.95	<8.74	<8.74	5.03	12.4	
05/10/2013	<0.0077	0.0296	0.0095	<0.0386	<0.0077	<0.154	2.21	<0.0154	0.134	<0.0077	<0.0308	26.3	<0.0077	0.0248	<0.0077	0.179	<0.0077	<0.0077	<0.0077	<0.0077	<0.0077	<0.0077	<0.0077	BRL	<0.364	<0.364	<0.728	<0.728	<0.364	<0.364	
05/14/2013	<0.241	0.615	0.349	<1.2	<0.241	<4.82	0.623	<0.482	0.431	<0.241	<0.963	73	<0.241	<0.241	<0.241	0.949	<0.241	<0.241	<0.241	<0.241	<0.241	<0.241	<0.241	BRL	<0.401	<0.401	<0.801	<0.801	4.47	1.87	
05/14/2013	<0.19	0.949	0.338	<0.95	<0.19	<3.8	1.32	<0.38	2.09	<0.19	<0.76	39.9	<0.19	0.872	<0.19	2.21	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	BRL	<0.357	3.61	<0.714	<0.714	1.13	0.475	
05/14/2013	<0.144	4.83	2.27	<0.719	<0.144	<2.88	1.92	<0.288	6.43	1.25	<0.575	123	<0.144	<0.144	<0.144	3.46	<0.144	1.21	<0.144	1.1	0.611	0.876	<0.144	BRL	<3.97	54	<7.93	<7.93	13.9	<3.97	
05/14/2013	<0.0037	0.0074	0.0045	<0.0187	<0.0037	<0.0748	0.0039	<0.0075	0.0061	<0.0037	<0.015	0.192	<0.0037	<0.0037	<0.0037	<0.0075	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	BRL	<0.37	0.734	<0.739	<0.739	<0.37	<0.37	
05/10/2013	<0.448	7.01	3.45	<2.24	<0.448	<8.95	3.37	<0.895	5.04	0.665	<1.79	412	<0.448	0.46	<0.448	7.69	<0.448	0.632	<0.448	0.632	<0.448	<0.448	<0.448	BRL	<4.11	13.9	<8.23	<8.23	42	15.5	
05/10/2013	<0.0042	<0.0042	<0.0042	<0.0845	<0.0042	<0.0845	<0.0042	<0.0084	<0.0042	<0.0042	<0.0169	<0.0042	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	BRL	<0.365	<0.365	<0.729	<0.729	<0.365	<0.365	
05/20/2013	<0.0061	<0.0061	<0.0061	0.175	<0.0061	<0.0061	<0.0061	<0.0122	<0.0061	<0.0061	<0.0245	<0.0061	<0.0061	<0.0061	<0.0061	<0.0122	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	BRL	<0.4	<0.4	<0.799	<0.799	<0.4	<0.4	
05/20/2013	<0.0039	<0.0039	<0.0039	<0.0775	<0.0039	<0.0775	<0.0039	<0.0078	<0.0039	<0.0039	<0.0155	<0.0039	<0.0039	<0.0039	<0.0039	<0.0078	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	BRL	<0.36	<0.36	<0.72	<0.72	<0.36	<0.36	
05/20/2013	<0.0044	10.9	5.45	<0.022	<0.0044	<0.088	11.8	0.0332	0.262	0.0245	<0.0176	702	<0.0044	0.0467	<0.0044	6.16</															

Sample Date	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene (n)	Di-n-butylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Isophorone	N-Nitrosodiphenylamine	Naphthalene	Phenanthrene	Phenol	Pyrene	bis(2-Ethylhexyl)phthalate	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene (n)	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene (n)	Dibenz(a,h)anthracene	Fluoranthene			
act	NA	160	12,000	21,000	1,600	8,800	1.6	100	3,400	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	16	NE	160	1,600	1.6	3,400	3,400		
act	NA	2,100	41,000	21,000	21,000	82,000	21	1,000	30,000	30,000	210	24,000	4,700	170	NE	100,000	23,000	1,600	NE	3,000	45,000	NE	100,000	210	21	210	NE	21,000	21	30,000	30,000		
act	NA	100,000	100,000	100,000	100,000	100,000	1,200	1,900	68,000	68,000	12,000	100,000	100,000	3,100	NE	100,000	51,000	34,000	NE	6,800	100,000	NE	100,000	12,000	500	12,000	NE	100,000	100,000	1,200	68,000	68,000	
05/21/2013	<0.368	1.11	<0.368	0.986	<0.368	<0.368	<0.19	0.788	2.7	1.3	<0.368	<0.368	3.73	413	<0.368	1.8	<0.368	NA	0.568	0.0724	0.598	0.514	0.616	0.405	0.365	0.171	0.371	0.556	0.0937	1.4	0.787		
05/09/2013	<0.382	<0.382	<0.382	<0.382	<0.382	<0.382	<0.197	<0.382	<0.382	<0.382	<0.382	<0.382	<0.382	<0.382	<0.382	<0.382	<0.382	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058		
05/09/2013	<0.37	<0.37	<0.37	0.441	<0.37	<0.37	<0.191	<0.37	1.14	0.535	0.383	<0.37	0.665	1.66	<0.37	0.993	<0.37	0.186	0.271	0.193	0.187	0.22	0.241	0.175	0.132	0.0831	0.151	0.227	0.0378	0.535	0.292		
05/09/2013	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.194	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.0057	<0.0057	0.0947	0.0778	0.0534	0.0755	0.0498	0.0234	0.051	0.0739	0.0163	0.16	0.088			
05/09/2013	<0.384	<0.384	<0.384	<0.384	<0.384	<0.384	<0.198	<0.384	<0.384	<0.384	<0.384	<0.384	<0.384	<0.384	<0.384	<0.384	<0.384	0.0066	<0.0058	0.045	0.0323	<0.0058	0.0061	<0.0058	<0.0058	<0.0058	0.0065	<0.0058	0.0105	0.007	<0.007		
05/15/2013	0.488	<0.38	<0.38	1.46	<0.38	<0.38	<0.196	1.95	2.85	3.33	<0.38	<0.38	43.9	10.2	<0.38	3.68	<0.38	1.98	1.11	1.77	6.02	5.12	3.3	2.94	1.55	3.3	4.61	0.743	12.1	6.13	<0.007		
05/15/2013	<0.374	<0.374	<0.374	<0.374	<0.374	<0.374	<0.192	<0.374	<0.374	<0.374	<0.374	<0.374	<0.374	<0.374	<0.374	<0.374	<0.374	NA	0.0063	<0.0057	0.0074	0.0107	0.0115	0.0086	0.0084	0.008	0.071	<0.0057	0.0281	0.01	<0.007		
05/09/2013	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.191	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056		
05/09/2013	<0.371	<0.371	<0.371	<0.371	<0.371	<0.371	<0.191	<0.371	<0.371	<0.371	<0.371	<0.371	<0.371	<0.371	<0.371	<0.371	<0.371	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057		
05/09/2013	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.188	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055		
05/09/2013	<0.399	<0.399	<0.399	<0.399	<0.399	<0.399	<0.205	<0.399	<0.399	<0.399	<0.399	<0.399	<0.399	<0.399	<0.399	<0.399	<0.399	NA	0.0428	<0.0061	0.0393	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	
05/21/2013	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.189	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	0.0056	0.0056	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055		
05/21/2013	<0.403	<0.403	<0.403	<0.403	<0.403	<0.403	<0.208	<0.403	<0.403	<0.403	<0.403	<0.403	0.772	<0.403	<0.403	<0.403	<0.403	NA	0.0056	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	
05/10/2013	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.186	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	0.0148	0.0206	0.0171	0.0203	0.0285	0.0392	0.0268	0.0256	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	
05/10/2013	<0.407	<0.407	<0.407	0.583	<0.407	<0.407	<0.209	4.82	2.71	6.62	<0.407	<0.407	<0.407	27.1	<0.407	2.39	<0.407	0.0777	0.147	0.0207	0.0832	0.0104	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	
05/10/2013	<0.403	<0.403	<0.403	<0.403	<0.403	<0.403	<0.208	<0.403	<0.403	<0.403	<0.403	<0.403	<0.403	<0.403	<0.403	<0.403	<0.403	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	
05/10/2013	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	<0.186	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	
05/10/2013	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.194	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	0.0291	0.025	0.0298	0.0328	0.0329	0.0343	0.0308	0.0217	<0.0056	<0.0056	
05/10/2013	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.187	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	29.5	8.41	33.9	9.7	30.7	31	17.6	16.7	7.83	14.6	26.9	5.27	64	58.1	<0.0056	
05/10/2013	10.9	6.9	<4.37	16.2	<4.37	<4.37	<2.25	12.7	57.2	32.4	124	<4.37	94.6	105	<4.37	67.7	<4.37	23.9	1.23	3.08	10.5	32.4	16.4	17.4	7.8	9.07	10.1	16.2	2.28	64.3	32	<0.0056	
05/10/2013	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.188	<0.364	0.511	<0.364	<0.364	<0.364	0.509	0.761	<0.364	0.408	<0.364	0.582	0.984	0.549	0.376	0.463	0.32	0.223	0.181	0.112	0.211	0.381	0.0596	0.837	0.583	<0.0056	
05/14/2013	1.25	1.36	<0.401	3.62	<0.401	<0.401	0.556	4.86	7.16	7.62	1.39	<0.401	44.6	28.7	<0.401	6.26	<0.401	NA	1.02	1.6	0.535	0.436	0.621	0.752	0.469	0.456	0.223	0.448	0.728	0.138	1.59	1.1	<0.0056
05/14/2013	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.184	0.399	0.642	0.674	<0.357	<0.357	28	118	<0.357	0.444	<0.357	NA	0.903	0.535	0.436	0.621	0.752	0.469	0.456	0.223	0.448	0.728	0.138	1.59	1.1	<0.0056	
05/14/2013	<0.397	<0.397	<0.397	<0.397	<0.397	<0.397	<2.04	6.66	9.73	11.6	<0.397	<0.397	270	28.3	<0.397	11.6	<0.397	NA	18.7	6.59	6.73	7.04	6.87	4.82	3.87	2.14	4.34	6.06	1.12	15.6	12.5	<0.0056	
05/20/2013	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.19	<0.37	<0.37	<0.37	<0.37	<0.37	3.15	0.744	<0.37	<0.37	<0.37	NA	0.301	0.16	0.0932	0.18	0.145	0.111	0.0907	0.0569	0.0961	0.152	0.0253	0.344	0.18	<0.0056	
05/20/2013	9.61	13.6	<4.11	37.9	<4.11	<4.11	3.69	37.5	77.9	67.7	9.24	<4.11	139	196	<4.11	62.4	<4.11	25.2	5.46	29	8.4	26.7	26.9	16.2	13.9	6.9	14.2	23.2	4.77	57.3	45	<0.0056	
05/20/2013	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.188	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.0055	0.0067	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	
05/20/2013	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.206	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	NA	0.0263	<0.0061	0.0775	0.0315	0.109	0.0878	0.097	0.0606	0.0927	0.119	0.023	0.176	0.0229	<0.0055	
05/20/2013	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.185	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	
05/20/2013	<4.14	<4.14	<4.14	<4.14	<4.14	<4.14	<2.13	<4.14	<4.14	<4.14	<4.14	<4.14	82	8.22	<4.14	<4.14	<4.14	NA	26.8														

Depth (ft bg)	Depth (ft bg)	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Vanadium	Zinc	Mercury	Extended Range Or	Gasoline Range Or	PCB-1248 (Aroclor)	PCB-1254 (Aroclor)	PCB-1260 (Aroclor)	Nitrogen, Ammonia	Nitrogen, Nitrate	Phenolics, Total Recoverable		
Identical Direct Contact	100,000	43	9.5	21,000	220	NE	NE	4,300	77,000	400	2,500	2,100	550	550	5,800	5,800	100,000	3.1	NE	NE	3.1	NE	NE	3.2	9.7	3.9	NE	100,000	11,000	NE	
Indirect Contact	100,000	470	30	100,000	800	NE	NE	47,000	22,000	800	26,000	22,000	5,800	5,800	9,800	9,800	100,000	12	100,000	5,800	100,000	3.1	NE	NE	9.5	9.7	3.9	NE	100,000	NE	
Indirect Contact	100,000	790	920	100,000	3,800	NE	NE	79,000	35,000	1,000	46,000	35,000	9,800	9,800	100,000	100,000	100,000	20	100,000	9,900	100,000	3.1	NE	NE	560	33	570	NE	100,000	NE	
30	32	05/21/2013	7,960	<2.1	8.8	39.1	NA	<2.1	9.6	15.2	13,400	6.1	377	15.6	<2.1	<2.1	64.6	<2.1	15.3	35.6	<0.21	NA	NA	<0.112	<0.112	<0.112	112	<5.6	<5.6	<1.7	
10	10	05/09/2013	11,900	<2.3	11	60.4	NA	<2.3	20.3	18.8	20,100	11.1	250	20.5	<2.3	<2.3	9.6	<2.3	32.5	58.6	<0.22	NA	NA	<0.114	<0.114	<0.114	<5.7	<5.8	<5.8	<1.1	
30	32	05/09/2013	13,100	<2.2	22.8	35	NA	<2.2	16	14.5	16,300	11.6	216	16.3	<2.2	<2.2	20.6	<2.2	25.6	38.8	<0.23	NA	NA	<0.112	<0.112	<0.112	575	<5.6	<5.6	<1.1	
10	10	05/09/2013	2,830	<2	4.6	11.8	NA	<2	6.1	8.2	6,520	3.7	229	7.4	<2	<2	68.1	<2	10.5	20.4	<0.23	NA	NA	<0.115	<0.115	<0.115	5.6	<5.7	<5.7	<1	
30	32	05/09/2013	13,000	<2.3	9.5	137	NA	<2.3	16.5	17	22,000	8.5	404	21.3	<2.3	<2.3	14.6	<2.3	25.9	55.4	<0.22	NA	NA	<0.116	<0.116	<0.116	1,050	<5.8	<5.8	<1.1	
8	10	05/15/2013	3,550	<2	7.3	22.6	NA	<2	6.8	94.9	19,200	90.1	291	8	<2	<2	51.6	<2	2.9	13.5	22.4	<0.22	NA	NA	<0.579	<0.579	<0.579	6.8	<5.8	<5.8	<1
27	28	05/15/2013	5,070	<2.1	5.1	25.9	NA	<2.1	10.4	9.8	8,760	4.1	219	8.9	<2.1	<2.1	57.7	<2.1	12.7	19.9	<0.23	NA	NA	<0.113	<0.113	<0.113	41	<5.7	<5.7	<1.1	
8	10	05/09/2013	2,520	<1.9	3.4	11.4	NA	<1.9	5.3	7	5,940	2	195	6.2	<1.9	<1.9	44.3	<1.9	9.8	18.6	<0.22	NA	NA	<0.112	<0.112	<0.112	<5.2	<5.7	<5.7	<0.94	
10	12	05/09/2013	4,440	<2	6	20.4	NA	<2	6.5	10.6	9,250	4.1	340	8.7	<2	<2	61.2	<2	12.4	27.3	<0.22	NA	NA	<0.113	<0.113	<0.113	<5.6	<5.7	<5.7	<1.1	
22	24	05/09/2013	8,750	<2	5.6	49.7	NA	<2	12.9	14.6	14,400	5.3	317	15.3	<2	<2	65.4	<2	17.6	44.6	<0.23	NA	NA	<0.111	<0.111	<0.111	164	<5.5	<5.5	<1.1	
8	10	05/21/2013	10,700	<2.1	7.5	54.2	NA	<2.1	13.6	17.2	15,100	7.4	329	17.1	<2.1	<2.1	8.3	<2.1	2.1	26.1	<0.24	1,080	155	<0.122	<0.122	<0.122	12	<6.1	<6.1	<1.9	
22	24	05/21/2013	8,130	<1.9	4.7	45.8	NA	<1.9	11.6	12	12,400	4.8	287	14.3	<1.9	<1.9	58.1	<1.9	1.9	15.6	24.8	<0.23	17.3	<0.79	<0.111	<0.111	<0.111	147	<5.5	<5.5	<1.6
12	14	05/10/2013	10,500	<2.3	5.5	92.1	NA	<2.3	13.5	14.2	13,600	10.9	187	13.1	<2.3	<2.3	11	<2.3	<2.3	24.6	51.3	<0.24	NA	NA	<0.123	<0.123	<0.123	1,020	<6.1	<6.1	36.7
30	32	05/10/2013	8,530	<2.1	9.7	51.4	NA	<2.1	16.6	18.1	19,900	8.1	342	22.7	<2.1	<2.1	45.7	<2.1	<2.1	23.7	51.7	<0.22	NA	NA	<0.11	<0.11	<0.11	<5.2	<5.5	<5.5	<1
14	16	05/10/2013	10,300	<2.4	7.8	59.3	NA	<2.4	14.5	11.3	12,800	6.4	223	12.8	<2.4	<2.4	29.6	<2.4	<2.4	20.8	40.5	<0.24	NA	NA	<0.618	<0.618	<0.618	1,800	<6.1	<6.1	<1.1
4	6	05/10/2013	14,400	<2.2	17	82.9	NA	<2.2	20.8	27.9	27,800	13.7	641	30.4	<2.2	<2.2	10	<2.2	<2.2	34.7	78.1	<0.24	NA	NA	<0.122	<0.122	<0.122	<5.9	<6.1	<6.1	<1.2
26	28	05/10/2013	8,070	<2	6.2	53.5	NA	<2	12.6	16.3	13,600	5.4	290	16.7	<2	<2	78.2	<2	<2	16.3	34.7	<0.22	NA	NA	<0.0385	<0.0385	<0.0385	18.2	<5.5	<5.5	<0.96
10	10	05/10/2013	5,530	<1.9	3.2	22.6	NA	<1.9	9.8	11.3	9,980	4	282	13.8	<1.9	<1.9	30.4	<1.9	<1.9	14.6	35.3	<0.24	NA	NA	<0.569	<0.569	<0.569	35.4	<5.7	<5.7	<0.95
18	20	05/10/2013	8,500	<2.1	7.2	43.4	NA	<2.1	9.6	17.8	14,800	7.4	314	17.8	<2.1	<2.1	58.3	<2.1	<2.1	15.9	41.9	<0.22	NA	NA	<0.11	<0.11	<0.11	114	<5.5	<5.5	<0.92
12	14	05/10/2013	4,180	<2.6	13.3	26.5	NA	<2.6	17.4	52	33,500	44	204	20	<2.6	<2.6	28.8	<2.6	7.9	18	71.7	1.9	NA	NA	<1.33	<1.33	<1.33	250	<6.6	<6.6	5.1
27	28	05/10/2013	8,680	<2	5.4	27.1	NA	<2	12.8	20.1	13,200	6.2	301	18.4	<2	<2	65.8	<2	<2	20.8	35.2	<0.22	NA	NA	<0.11	<0.11	<0.11	226	<5.5	<5.5	<1
12	14	05/14/2013	9,400	<2	3.4	63.6	NA	<2	14.5	16.5	12,000	9.1	126	14.5	<2	<2	15.3	<2	<2	23.3	54	<0.26	NA	NA	<0.605	<0.605	<0.605	1,270	<6.1	<6.1	7.2
26	28	05/14/2013	9,120	<1.8	10.4	66.4	NA	<1.8	13.4	17.6	24,500	8.7	293	21.3	<1.8	<1.8	63.3	<1.8	<1.8	23.9	52.3	<0.21	NA	NA	<0.108	<0.108	<0.108	428	<5.4	<5.4	2.3
6	8	05/14/2013	5,720	<2.1	10	21.8	NA	<2.1	9.2	18	13,200	6	350	17.4	<2.1	<2.1	60.3	<2.1	<2.1	19.5	46.7	<0.24	NA	NA	<0.601	<0.601	<0.601	589	<6	<6	2.2
26	28	05/14/2013	10,500	<2.2	4.7	61.2	NA	<2.2	14.5	18.5	14,500	7.9	302	17.9	<2.2	<2.2	81.7	<2.2	<2.2	19.7	46	<0.21	NA	NA	<0.0391	<0.0391	<0.0391	552	<5.6	<5.6	<0.98
8	10	05/10/2013	11,300	<2.1	7.2	48.6	NA	<2.1	14.6	23.2	19,200	9.3	355	28.3	<2.1	<2.1	12.8	<2.1	<2.1	27.6	70	<0.27	NA	NA	<0.623	<0.623	<0.623	299	<6.3	<6.3	6.2
18	20	05/10/2013	9,930	<2	5.6	58.1	NA	<2	13.5	14.4	14,300	5.9	295	15.1	<2	<2	54.7	<2	<2	18.4	31.5	<0.23	NA	NA	<0.111	<0.111	<0.111	114	<5.5	<5.5	<1.1
6																															

Sample Date	1,1,2-Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Butanone (MEK)	2-Chlorotoluene	Acetone	Benzene	Carbon disulfide	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Xylene (Total)	n-Butylbenzene	n-Hexane	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	All Remaining VOCs	2,4-Dimethylphenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Chloroaniline	Acephenanthrene	Acephenanthrene
Contact	2.1	220	180	28,000	910	85,000	17	740	81	270	490	53	870	110	820	5.7	260	110	140	260	NE	150	180	NE	1,800	3,350	4,500	NE	5,000	NE
Contact	6.3	220	180	28,000	910	100,000	51	740	250	270	3,200	170	870	170	820	19	260	110	140	260	NE	150	180	NE	16,000	3,010	41,000	NE	45,000	NE
Contact	35	220	180	28,000	910	100,000	1,800	740	480	270	3,500	3,100	870	170	820	95	260	110	140	260	NE	150	180	NE	34,000	6,740	87,000	NE	100,000	NE
05/13/2013	<0.435	11.9	1.53	<2.17	<0.435	<8.69	2.73	<0.869	23.6	6.9	<1.74	359	<0.435	<0.435	<0.435	5.46	11.5	<0.435	10	3.36	4.98	0.533	BRL	BRL	<4.74	80	<4.74	<9.48	28.2	<4.74
05/13/2013	<0.2	<0.2	<0.2	<0.998	<0.2	<3.99	<0.2	<0.399	<0.2	<0.2	<0.798	0.317	<0.2	<0.2	<0.2	<0.399	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	BRL	<0.358	<0.358	<0.716	0.57	<0.358	
05/14/2013	<0.103	<0.103	<0.103	<0.516	<0.103	<2.06	0.113	<0.206	0.113	<0.103	<0.413	3.35	<0.103	<0.103	<0.103	<0.206	<0.103	<0.103	<0.103	<0.103	<0.103	<0.103	<0.103	BRL	<0.365	<0.365	<0.73	0.762	<0.365	
05/14/2013	<0.118	2.58	0.94	<0.588	<0.118	<2.35	2.22	<0.235	13.1	0.999	<0.471	36.7	<0.118	<0.118	<0.118	4	<0.118	<0.118	0.388	0.14	<0.118	<0.118	<0.118	BRL	<0.359	<0.359	<0.717	5.12	<0.359	
05/21/2013	<0.0048	<0.0048	<0.0048	<0.024	<0.0048	<0.0959	0.0048	<0.0096	<0.0048	<0.0048	<0.0192	<0.0048	<0.0048	<0.0048	<0.0048	<0.0096	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	BRL	<3.89	<3.89	<7.77	<3.89	<3.89	
05/21/2013	<0.0041	<0.0041	<0.0041	<0.0203	<0.0041	<0.081	<0.0041	<0.0081	<0.0041	<0.0041	<0.0162	<0.0041	<0.0041	<0.0041	<0.0041	<0.0081	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	BRL	<0.345	<0.345	<0.69	0.547	<0.345	
05/15/2013	<0.0046	<0.0046	<0.0046	<0.0228	<0.0046	<0.0971	<0.0046	<0.0091	<0.0046	<0.0046	<0.0182	<0.0046	<0.0046	<0.0046	<0.0046	<0.0091	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	BRL	<0.407	<0.407	<0.814	<0.407	<0.407	
05/15/2013	<0.0041	<0.0041	<0.0041	<0.0204	<0.0041	<0.0817	<0.0041	<0.0082	<0.0041	<0.0041	<0.0163	<0.0041	<0.0041	<0.0041	<0.0041	<0.0082	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	BRL	<0.361	<0.361	<0.721	<0.361	<0.361	
05/22/2013	<0.0042	4.69	2.28	<0.11	<0.0042	<4.45	3.64	<0.445	1.48	<0.222	<0.889	729	<0.222	<0.222	1.2	8.91	<0.222	<0.222	<0.222	<0.222	<0.222	<0.222	<0.222	BRL	<3.79	35.8	<7.59	7.4	<3.79	
05/22/2013	<0.0042	<0.0042	<0.0042	<0.022	<0.0042	<0.0838	0.005	<0.0084	<0.0042	<0.0042	<0.0168	<0.0042	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	BRL	<0.364	<0.364	<0.728	<0.364	<0.364	
05/15/2013	<0.227	7.8	3.22	<1.13	<0.227	<4.54	0.89	7.44	0.766	<0.227	<0.908	109	<0.227	0.911	<0.227	3.4	<0.227	<0.227	0.395	0.416	0.362	<0.227	<0.227	BRL	<1.42	<1.42	<28.5	<1.42	<1.42	
05/15/2013	<0.0037	<0.0037	<0.0037	<0.0185	<0.0037	<0.0741	<0.0037	<0.0074	<0.0037	<0.0037	<0.0148	0.0042	<0.0037	<0.0037	<0.0037	<0.0074	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	BRL	<0.353	<0.353	<0.706	<0.353	<0.353	
05/16/2013	<0.0047	0.182	0.0186	<0.0234	<0.0047	<0.0938	0.0877	0.0106	0.083	0.0105	<0.0188	47.4	<0.0047	0.046	<0.0047	0.121	0.0362	<0.0047	0.0242	0.0068	0.008	<0.0047	<0.0047	BRL	<1.93	<1.93	<3.86	9.47	<1.93	
05/16/2013	<0.0039	<0.0039	<0.0039	<0.0194	<0.0039	<0.0774	<0.0039	<0.0077	<0.0039	<0.0039	<0.0155	<0.0039	<0.0039	<0.0039	<0.0039	<0.0077	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	BRL	<0.361	<0.361	<0.721	<0.361	<0.361	
05/16/2013	<0.0049	<0.0049	<0.0049	<0.0245	<0.0049	<0.0981	<0.0049	<0.0098	<0.0049	<0.0049	<0.0196	0.0223	<0.0049	<0.0049	<0.0049	<0.0098	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	BRL	<2.22	3.68	<4.44	12.3	<2.22	
05/16/2013	<0.0065	<0.0065	<0.0065	<0.0324	<0.0065	<0.129	<0.0065	<0.0129	<0.0065	<0.0065	<0.0259	0.014	<0.0065	<0.0065	<0.0065	<0.0129	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	BRL	<1.95	7.3	<1.95	<1.95	<1.95	
05/16/2013	<0.004	<0.004	<0.004	<0.0202	<0.004	<0.081	0.186	<0.0081	0.0055	0.0232	<0.0162	<0.004	<0.004	<0.004	<0.004	<0.0081	0.042	<0.004	0.0418	0.004	0.0207	<0.004	<0.004	BRL	<0.404	5.61	<0.404	2.02	<0.404	
05/16/2013	<0.0043	<0.0043	<0.0043	<0.0214	<0.0043	<0.0855	<0.0043	<0.0085	<0.0043	<0.0043	<0.0171	<0.0043	<0.0043	<0.0043	<0.0043	<0.0085	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	BRL	<0.368	<0.368	<0.737	<0.368	<0.368	
05/21/2013	<0.0041	0.0059	<0.0041	<0.0205	<0.0041	<0.0821	0.0096	<0.0082	<0.0041	0.0101	<0.0164	0.0947	<0.0041	<0.0041	<0.0041	<0.0082	0.0111	<0.0041	<0.0041	<0.0041	0.0074	<0.0041	<0.0041	BRL	<0.391	<0.391	<0.782	1.22	<0.391	
05/22/2013	<0.0041	<0.0041	<0.0041	<0.0206	<0.0041	<0.0823	<0.0041	<0.0082	<0.0041	<0.0041	<0.0165	<0.0041	<0.0041	<0.0041	<0.0041	<0.0082	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	BRL	<0.365	<0.365	<0.73	<0.365	<0.365	
05/17/2013	0.0133	0.0394	0.0142	<0.018	<0.0036	<0.0719	0.0873	<0.0072	2.86	0.0756	<0.0144	360	<0.0036	<0.0036	<0.0036	0.0652	0.0485	<0.0036	0.0452	0.0165	0.0224	<0.0036	<0.0036	BRL	<3.72	36.3	<3.72	6.86	<3.72	
05/17/2013	<0.0051	<0.0051	<0.0051	<0.0253	<0.0051	<0.101	<0.0051	<0.0101	<0.0051	<0.0051	<0.0202	<0.0076	<0.0051	<0.0051	<0.0051	<0.0101	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	BRL	<0.374	<0.374	<0.748	<0.374	<0.374	
05/16/2013	<0.0036	<0.0036	<0.0036	<0.018	<0.0036	<0.0719	<0.0036	<0.0072	<0.0036	<0.0036	<0.0144	<0.0036	<0.0036	<0.0036	<0.0036	<0.0072	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	BRL	<0.372	<0.372	<0.744	<0.372	<0.372	
05/16/2013	<0.0037	<0.0037	<0.0037	<0.0187	<0.0037	<0.0747	<0.0037	<0.0075	<0.0037	<0.0037	<0.0149	<0.0037	<0.0037	<0.0037	<0.0037	<0.0075	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	BRL	<0.365	<0.365	<0.731	<0.365	<0.365	
05/17/2013	<0.0055	<0.0055	<0.0055	<0.0274	<0.0055	<0.11	<0.0055	<0.011	<0.0055	<0.0055	<0.0219	<0.0055	<0.0055	<0.0055	<0.0055	<0.011	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	BRL	<0.357	<0.357	<0.715	4.14	<0.357	
05/17/2013	<0.0038	<0.0038	<0.0038	<0.019	<0.0038	<0.076	<0.0038	<0.0076	<0.0038	<0.0038	<0.0152	<0.0038	<0.0038	<0.0038	<0.0038	<0.0076	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	BRL	<0.419	<0.419	<0.838	<0.419	<0.419	
05/20/2013	<0.0036	0.0362	0.0173	<0.0178	<0.0036	<0.0713	0.27	<0.0071	0.036	0.005	<0.0143	3.25	<0.0036	0.208	<0.0036	0.136	0.005	<0.0036	0.0043	<0.0036	<0.0036	<0.0036	<0.0036	BRL	<0.363	1.83	<0.363	<0.363	<0.363	
05/20/2013	<0.0035	<0.0035	<0.0035	<0.0173	<0.0035	<0.0692	<0.0035	<0.0069	<0.0035	<0.0035	<0.0138	<0.0035	<0.0035	<0.0035	<0.0035	<0.0069	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	BRL	<0.365	<0.365	<0.725	<0.365	<0.365	
05/20/2013	<0.0038	8.39	2.76	<0.0188	<0.0038	<0.0752	0.178	<0.0075	7.58	0.151	<0.015	1,000	<0.0038	0.0231	<0.0038	6.21	<0.0038	<0.0038	0.0843	0.171	0.0397	<0.0038	<0.0038	BRL	<0.379	3.2	<0.379	1.09	<0.379	
05/20/2013	<0.0047	<0.0047	<0.0047	<0.0233	<0.0047	<0.0933	<0.0047	<0.0093	<0.0047	<0.0047	<0.0187	<0.0047	<0.0047	<0.0047	<0.0047	<0.0093	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	BRL	<0.358	<0.358	<0.716	<0.358	<0.358	
05/17/2013	<0.0036	<0.0036	<0.0036	<0.0182	<0.0036	<0.0727	<0.0036	<0.0073	<0.0036	<0.0036	<0.0145	<0.0036	<0.0036	<0.0036	<0.0036	<0.0073	<0.0036	<0.0036	<0.0036											

Depth (ft bg)	Depth (ft bg)	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Vanadium	Zinc	Mercury	Extended Range Or	Gasoline Range Or	PCB-1248 (Aroclor	PCB-1254 (Aroclor	PCB-1260 (Aroclor	Nitrogen, Ammonia	Nitrogen, Nitrate	Nitrogen, Nitrite	Phenolics, Total Recoverable	
		Identical Direct Contact	100,000	43	9.5	21,000	220	NE	NE	4,300	77,000	400	2,500	2,100	550	550	66,000	1.1	66,000	550	32,000	3.1	NE	NE	3.5	9.7	3.9	NE	100,000	11,000	NE
		m/Ind Direct Contact	100,000	470	30	100,000	2,300	NE	NE	47,000	100,000	800	26,000	22,000	5,800	5,800	100,000	12	100,000	5,800	100,000	3.1	NE	NE	9.5	9.7	3.9	NE	100,000	100,000	NE
		Evaporation Direct Contact	100,000	790	920	100,000	3,800	NE	NE	79,000	100,000	1,000	46,000	35,000	9,800	9,800	100,000	20	100,000	9,900	100,000	3.1	NE	NE	560	33	570	NE	100,000	100,000	NE
2	4	05/13/2013	6,360	<2.6	9.9	49	NA	<2.6	16	679	36,800	109	348	48.7	<2.6	<2.6	29.8	<2.6	6.6	15.5	126	<0.29	NA	NA	<1.44	<1.44	<1.44	39.3	<7.2	<7.2	2.8
26	28	05/13/2013	7,400	<2	6.6	28.7	NA	<2	10.9	13.4	17,700	5.2	502	16.6	<2	<2	83.8	<2	<2	15.1	43.7	<0.21	NA	NA	<0.109	<0.109	<0.109	14.1	<5.4	<5.4	<1
16	18	05/14/2013	5,850	<1.9	4.3	27.9	NA	<1.9	10.6	16.3	11,700	5.4	292	15.7	<1.9	<1.9	79	<1.9	<1.9	16.6	40.9	<0.22	NA	NA	<0.111	<0.111	<0.111	<5.3	<5.5	<5.5	<0.92
41	42	05/14/2013	5,770	<1.9	5.6	27.8	NA	<1.9	9.2	12.1	12,100	4.3	780	13.2	<1.9	<1.9	71.6	<1.9	<1.9	14.5	29.3	<0.23	NA	NA	<0.108	<0.108	<0.108	6.9	NA	NA	<0.91
6	8	05/21/2013	5,990	<2.2	8.9	44.2	NA	<2.2	10	23.6	11,900	36.7	252	12.6	<2.2	<2.2	113	<2.2	3.2	16.2	68.7	0.7	NA	NA	<0.117	<0.117	<0.117	27.1	<5.9	<5.9	<1.8
22	24	05/21/2013	8,370	<1.8	6.5	45.9	NA	<1.8	12.7	17.5	13,500	5.8	309	15.9	<1.8	<1.8	64.8	<1.8	<1.8	16.3	35.3	0.29	NA	NA	<0.105	<0.105	<0.105	31.7	<5.3	<5.3	<1.5
4	6	05/15/2013	2,590	<2.1	5.3	79.8	NA	<2.1	4.3	4.8	12,800	95.1	21.5	2.5	<2.1	<2.1	14	<2.1	2.6	11	13.1	<0.24	NA	NA	<0.123	<0.123	<0.123	15.1	<6.2	<6.2	55.6
26	28	05/15/2013	10,900	<1.9	4.5	53	NA	<1.9	13.9	15.4	14,700	5.8	313	14.9	<1.9	<1.9	56	<1.9	<1.9	20.6	33.5	<0.23	NA	NA	<0.109	<0.109	<0.109	15.9	<5.5	<5.5	<0.96
14	16	05/22/2013	11,900	<2.1	11.7	69.8	NA	<2.1	16.7	13.5	32,800	5.8	152	18.5	<2.1	<2.1	10.1	<2.1	<2.1	29	59.8	1.5	NA	NA	<0.581	<0.581	<0.581	40.5	<5.8	<5.8	5.7
26	28	05/22/2013	7,500	<1.9	6.1	25.2	NA	<1.9	13.2	15.9	15,400	6.5	352	23	<1.9	<1.9	65.9	<1.9	<1.9	17.2	39	<0.22	NA	NA	<0.11	<0.11	<0.11	66.4	<5.5	<5.5	3.1
4	6	05/15/2013	331	<2.8	3.3	86.2	NA	3	5.9	39.6	4,850	480	132	6	<2.8	<2.8	26.2	<2.8	18.8	3	20.4	<28.2	NA	NA	<0.721	<0.721	<0.721	46.7	<7.2	<7.2	5
16	18	05/15/2013	4,680	<2	3.6	21.4	NA	<2	6.5	10.9	8,840	4.5	235	9.8	<2	<2	41.3	<2	2.1	18.6	490	<0.25	NA	NA	<0.107	<0.107	<0.107	24.5	<5.4	<5.4	<0.89
14	16	05/16/2013	10,700	<2	4.8	17.4	NA	4.8	31.1	58.7	40,900	4.4	775	50.6	<2	<2	41.3	<2	2.1	18.6	490	<0.23	NA	NA	<0.109	<0.109	<0.109	40.6	<5.4	<5.4	<1.7
30	32	05/16/2013	6,950	<1.8	4.7	36.9	NA	<1.8	10.9	13.7	11,700	5.1	331	15.5	<1.8	<1.8	65.6	<1.8	<1.8	15.8	35.4	<0.23	NA	NA	<0.107	<0.107	<0.107	63.7	<5.9	<5.9	<1.8
4	4	05/16/2013	4,190	<2.2	11.5	118	NA	4.4	15.8	101	18,200	129	33.5	23.1	4.2	<2.2	9.2	<2.2	10.6	14.5	72.3	0.92	NA	NA	<0.117	<0.117	<0.117	14.1	<5.9	<5.9	<1.7
4	4	05/16/2013	2,770	<2.1	5	14.5	NA	<2.1	10.4	12.2	7,190	6.1	234	9.8	<2.1	<2.1	84.5	<2.1	<2.1	9.4	26	<0.23	NA	NA	<0.117	<0.117	<0.117	16.1	<6.1	<6.1	<1.7
10	12	05/16/2013	11,600	<2.2	4.7	97.4	NA	<2.2	17.2	16.3	16,900	9.4	306	16.6	<2.2	<2.2	11.8	<2.2	<2.2	27.3	56.6	<0.23	NA	NA	<0.122	<0.122	<0.122	16.1	<6.1	<6.1	<1.7
26	28	05/16/2013	10,900	<2.2	9.6	75.7	NA	<2.2	16.5	20.2	29,000	10.4	234	25.4	<2.2	<2.2	27.6	<2.2	<2.2	24.5	63	<0.21	NA	NA	<0.112	<0.112	<0.112	<5.5	<5.6	<5.6	<1.7
8	10	05/21/2013	16,500	<2.4	10.6	77.4	NA	<2.4	20.9	20.3	22,100	10.9	119	22.9	<2.4	<2.4	10.2	<2.4	2.6	40.2	68	<0.24	NA	NA	<0.12	<0.12	<0.12	31.3	6.7	<6	<1.9
30	32	05/22/2013	6,520	<2.2	3.2	56.1	NA	<2.2	11.9	16.5	12,000	9	256	14.3	<2.2	<2.2	64.7	<2.2	<2.2	16.2	35.5	<0.21	NA	NA	<0.11	<0.11	<0.11	<5.2	<5.5	<5.5	<1.1
11	12	05/17/2013	6,790	<2.1	4.9	29	NA	<2.1	9.8	15.3	11,800	6.2	216	16.5	<2.1	<2.1	33.6	<2.1	<2.1	23.5	47.2	<0.23	NA	NA	<0.113	<0.113	<0.113	42	<5.6	<5.6	<1.6
27	28	05/17/2013	6,250	<2.1	4.4	43.2	NA	<2.1	9.3	15.8	13,500	6.8	270	14.8	<2.1	<2.1	58.3	<2.1	<2.1	15.2	42.2	<0.21	NA	NA	<0.113	<0.113	<0.113	27.8	<5.7	<5.7	<1.7
8	10	05/16/2013	6,370	<1.9	6.6	30.2	NA	<1.9	9.2	14.7	12,100	5.3	301	17.1	<1.9	<1.9	68.7	<1.9	<1.9	17.8	42.4	<0.23	NA	NA	<0.112	<0.112	<0.112	10.7	<5.6	<5.6	<1.3
26	28	05/16/2013	3,790	<2.1	3.2	21.9	NA	<2.1	5.8	10.1	8,180	4.2	228	8.7	<2.1	<2.1	97.8	<2.1	<2.1	10.1	25.5	<0.23	NA	NA	<0.11	<0.11	<0.11	<5.4	<5.5	<5.5	<1.4
12	14	05/17/2013	7,480	<1.9	7	28.7	NA	<1.9	9.9	18.6	13,500	6.9	267	16.1	<1.9	<1.9	49.1	<1.9	<1.9	20.1	48.4	<0.2	NA	NA	<0.108	<0.108	<0.108	35	<5.4	<5.4	<1.6
27	27.75	05/17/2013	7,840	<1.8	6.6	27.1	NA	<1.8	11.5	16	24,200	6	339	20.2	<1.8	<1.8	62.1	<1.8	<1.8	16.5	44	<0.23	NA	NA	<0.108	<0.108	<0.108	22.6	NA	NA	NA
12	14	05/20/2013	5,730	<1.9	7	26.1	NA	<1.9	8.7	14.4	11,200	4.4	205	13.9	<1.9	<1.9	70.5	<1.9	<1.9	17.2	39.9	<0.23	NA	NA	<0.111	<0.111	<0.111	<5.1	<5.5	<5.5	<1.8
26	28	05/20/2013	9,620	<2.1	3.3	45.6	NA	<2.1	13	21.3	15,500	8.4	792	18.8	<2.1	<2.1	54.6	<2.1	<2.1	19.8	48.5	<0.22	NA	NA	<0.111	<0.111	<0.111	<5.4	<5.6	<5.6	<1.6
6	8	05/20/2013	7,090	<1.9	8.6	33.3	NA	<1.9	9.8	16.7	13,800	5.8	308	17.2	<1.9	<1.9	60.3	<1.9	<1.9	19.1	40.7	<0.23	NA	NA	<0.115	<0.115	<0.115	<5.6	<5.8	<5.8	<1.8
26	28	05/20/2013	7,670	<1.9	4.2	47	NA	<1.9	10.8	12.5	14,800	5.5	262	16.9	<1.9	<1.9	74.7	<1.9	<1.9	14.8	40.5	<0.22	NA	NA	<0.11	<0.11	<0.11	<5.3	<5.5	<5.5	<1.3
10	12	05/17/2013	5,850	<1.9	4.7	32.3	NA	<1.9	8.4	11.7	9,750	4.3	222	12.4	<1.9	<1.9	69.1	<1.9	<1.9	16	34	<0.22	19.2	<1.1	<0.108	<0.108	<0.108	<5.4	<5.5	<5.5	<1.6
26	28	05/17/2013	4,240	<1.8	3.2	18.4	NA	<1.8	7.3	9	7,870	3.2	241	8.7	<1.8	<1.8	84.1	<1.8	<1.8	11	18.5	<0.22	16	<0.69	<0.109	<0.109	<0.109	<5	<5.4	<5.4	<1.5
10	12	05/17/2013	13,200	<2.2	10.8	118	NA	<2.2	18.7	19	25,700	12.1	851	30.8	<2.2	<2.2	24.6	<2.2	<2.2	36.4	75.9	<0.24	38.2	<0.9	<0.122	<0.122	<0.122	6.5	<6.1	<6.1	<1.8
26	28	05/17/2013	4,090	<1.9	3.4	16.6	NA	<1.9	6.7	11.2	7,560	5.7	212	10.5	<1.9	<1.9	54.5	<1.9	<1.9	13.1	25.3	<0.21	27.7	<1	<0.108	<0.108	<0.108	9.7	<5.5	<5.5	<1.7
12	14	05/17/2013	5,870	<2.2	4.6	26.9	NA	<2.2	9.4	15.7	9,850	4.5	295	11.1	3.8	<2.2	73.9	<2.2	<2.2	18.8	41.2	<0.22	40.3	<0.76	<0.111	<0.111	<0.111	<5.4	<5.6	<5.6	<1.6
26	28	05/17/2013	4,160	<2.2	3.2	17.1	NA	<2.2	6	9.4	8,060	3.7	355	8.4	<2.2	<2.2	142	<2.2	<2.2	11	20	<0.21	31.5	<1.2	<0.111	<0.111	<0.111	<5.4	<5.6	<5.6	<1.6
6	8	05/17/2013	6,720	<2.2	7.8	30.7	NA	<2.2	9.4	15.3	12,500	5.1	549	16.4	<2.2	<2.2	78.4	<2.2	<2.2	17.8	39.8	<0.23	35.7	1	<0.112	<0.112	<0.112	<5.2	<5.6	<5.6	<1.7
12	14	05/20/2013	4,730	<2	8	24.7	NA	<2	7.6	12.8	9,680	4.5	373	12.4	<2	<2	78.7	<2													

The following notes summarize the color of screening level (SL) exceedances:

BOLD = Constituent detected above Laboratory Reporting Level

gement

Sample Date	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene (3)	Di-n-butylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Isophorone	N-Nitrosodiphenylamine	Naphthalene	Phenanthrene	Phenol	Pyrene	bis(2-Ethylhexyl)phthalate	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene (4)	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene (5)	Dibenz(a,h)anthracene	Fluoranthene	Fluorene
act	NA	2,100	12,000	21,000	8,800	1,600	1,000	3,400	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	1,600	160	NE	2,100	21,000	1,600	3,400	3,400
act	NA	2,100	12,000	21,000	82,000	21	1,000	30,000	30,000	210	24,000	4,700	170	NE	100,000	23,000	1,600	NE	3,000	45,000	NE	100,000	210	21	210	NE	2,100	21,000	21	30,000	30,000
act	NA	100,000	100,000	100,000	100,000	120	1,900	68,000	68,000	12,000	100,000	100,000	3,100	NE	100,000	51,000	34,000	NE	6,800	100,000	NE	100,000	12,000	500	12,000	NE	100,000	100,000	1,200	68,000	68,000
05/20/2013	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	20.5	0.9	<0.369	<0.369	<0.369	NA	0.153	0.196	<0.0056	0.0536	0.0295	0.0212	0.0205	0.0117	0.0223	0.0334	0.0061	0.0775	0.121
05/20/2013	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	NA	<0.0055	<0.0055	<0.0055	<0.0055	0.0059	0.0055	0.0056	<0.0055	0.0086	<0.0055	0.0126	<0.0055	
05/16/2013	<0.381	<0.381	<0.381	<0.381	<0.381	<0.381	<0.381	<0.381	<0.381	<0.381	<0.381	<0.381	<0.381	<0.381	<0.381	<0.381	<0.381	NA	0.0875	<0.0057	0.0129	0.025	0.0461	0.0361	0.0529	0.0332	0.0441	0.0778	0.0156	0.131	
05/16/2013	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	NA	<0.0056	<0.0056	<0.0056	<0.0056	0.0461	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	
05/16/2013	4.03	2.95	<2.16	8.16	<2.16	<1.11	3.31	15.5	6.28	5.14	<2.16	<2.16	93.2	23.7	<2.16	21.5	<2.16	NA	4.86	1.64	3.85	9.32	8.22	6.55	4.72	4.33	6.12	9	1.74	17.6	6.47
05/16/2013	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	NA	0.0076	<0.0055	<0.0055	<0.0055	0.0078	0.0075	<0.0055	<0.0055	0.0079	<0.0055	0.0095	<0.0055	
05/16/2013	<0.417	<0.417	<0.417	<0.417	<0.417	<0.417	<0.417	<0.417	<0.417	<0.417	<0.417	<0.417	<0.417	<0.417	<0.417	<0.417	<0.417	NA	0.0144	<0.0063	<0.0063	<0.0063	0.0078	0.0075	0.0096	0.0065	0.008	0.0135	0.0179	<0.0063	
05/16/2013	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	NA	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	
05/16/2013	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	NA	0.0412	0.0147	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	
05/22/2013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0147	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	
05/16/2013	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	<0.377	NA	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	
05/22/2013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/16/2013	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	0.373	<0.372	<0.372	<0.372	<0.372	18.7	0.96	<0.372	<0.372	<0.372	NA	2.83	0.209	<0.0057	0.118	0.0695	0.0401	0.045	0.0206	0.0429	0.08	0.0115	0.205	0.291
05/16/2013	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	NA	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	
09/22/2014	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	<0.0054	0.033	0.0061	0.024	0.03	0.019	0.019	0.015	0.021	0.035	0.0055	0.08	0.024
09/23/2014	9.7	17.9	<3.9	15.8	<3.9	5.4	<3.9	28.5	<3.9	9.1	<3.9	<3.9	4.9	12.7	<3.9	21.6	<3.9	NA	1.8	2.3	3	12	24.3	14.9	14.7	8.6	14.1	23.5	4.7	43.6	4.7
5/16/2011	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5/16/2011	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	<0.367	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5/16/2011	<0.344	<0.344	<0.344	<0.344	<0.344	<0.344	<0.344	<0.344	<0.344	<0.344	<0.344	<0.344	<0.344	<0.344	<0.344	<0.344	<0.344	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5/16/2011	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5/16/2011	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5/16/2011	<0.378	<0.378	<0.378	<0.378	<0.378	<0.378	<0.378	<0.378	<0.378	<0.378	<0.378	<0.378	<0.378	<0.378	<0.378	<0.378	<0.378	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5/16/2011	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5/16/2011	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5/16/2011	<0.354	<0.354	<0.354	<0.354	<0.354	<0.354	<0.354	<0.354	<0.354	<0.354	<0.354	<0.354	<0.354	<0.354	<0.354	<0.354	<0.354	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5/16/2011	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	<0.369	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1/19/2016	9.2	11.8	<2.3	13.9	<2.3	2.8	<2.3	45.7	16.9	7.2	<2.3	<2.3	10.7	15.5	<2.3	55.6	<2.3	NA	0.61	2.3	2.8	6.6	6.1	6	5.1	3.6	4.5	6.4	1.7	14.9	4.5
1/19/2016	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	0.69	<0.370	<0.370	<0.370	<0.370	NA	0.11	0.21	0.049	0.074	0.038	0.045	0.044	0.036	0.026	0.054	0.012	0.15	0.087
1/1/2016	2.4	1.5	0.48	1.3	<0.370	0.67	0.62	2.2	0.79	1.9	<0.370	<0.370	55.7	3.2	<0.370	2.7	<0.370	NA	2.7	0.24	0.45	0.63	0.78	0.92	0.84	0.83	0.76	0.93	0.37	1.8	0.56
1/2/2016	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	NA	0.014	0.0072	0.0078	0.0082	0.0063	0.0073	0.011	0.014	<0.0056	0.017	<0.0056	0.0079	<0.0056
1/2/2016	<0.360	0.41	<0.360	0.46	<0.360	<0.190	<0.360	0.93	0.9	<0.360	<0.360	<0.360	281	2.3	<0.360	1.5	<0.360	NA	97.2	1.6	1.4	0.64	0.53	0.61	0.41	0.38	0.42	0.59	0.15	1.3	1.3
1/2/2016	0.39	0.56	<0.370	0.84	<0.370	<0.190	0.69	1.7	1.4	<0.370	<0.370	<0.370	137	5.5	<0.370	2.8	<0.370	NA	45.2	8.5	2.1	6	4.3	3.6	1.9	1.8	2.2	4.2	0.92	7.7	5
1/2/2016	<0.360	<0.360	<0.360	<0.360	<0.360	<0.360	<0.360	<0.360	<0.360	<0.360	<0.360	<0.360	<0.360	<0.360	<0.360	<0.360	<0.360	NA	0.061	0.017	0.0075	0.017	0.0099	0.0094	0.0088	0.0074	<0.0055	0.014	<0.0055	0.014	<0.0055
05/20/2017	NA	NA	<0.370	NA	<0.370	NA	3.1	NA	NA	NA	<0.370	<0.370	NA	NA	0.42	NA	<0.370	NA	4	4.1	4.3	12.4									

Sample Date	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene (n)	Di-n-butylphthalate	Dibenzo(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Isophorone	N-Nitrosodiphenylamine	Naphthalene	Phenanthrene	Phenol	Pyrene	bis(2-Ethylhexyl)phthalate	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene (n)	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene (n)	Dibenzo(a,h)anthracene	Fluoranthene	
act	NA	2,100	12,000	21,000	8,000	1,600	1,000	3,400	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	1,600	160	NE	2,100	21,000	1,600	3,400	
act	NA	2,100	12,000	21,000	8,000	1,600	1,000	3,400	3,400	210	24,000	4,700	170	NE	100,000	23,000	1,600	NE	3,000	45,000	NE	100,000	210	21	210	NE	2,100	21,000	1,200	30,000	
act	NA	100,000	100,000	100,000	68,000	68,000	1,900	68,000	68,000	12,000	100,000	100,000	3,100	NE	100,000	51,000	34,000	NE	6,800	100,000	NE	100,000	12,000	500	12,000	NE	2,100	21,000	1,200	68,000	
03/22/2011	<0.368	<0.368	<0.368	<0.397	<0.397	<0.397	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
03/22/2011	<0.397	<0.397	<0.397	<0.397	<0.397	<0.397	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.397	<0.397	<0.397	<0.397	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
03/22/2011	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/27/2012	<37	46	<37	67.6	<37	<37	45.9	157	129	<37	<37	<37	2,670	365	<37	202	<37	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/27/2012	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	1.38	0.422	<0.357	<0.357	<0.357	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/27/2012	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	0.387	0.563	<0.358	0.593	<0.358	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/27/2012	55.7	110	<41.4	152	<41.4	<41.4	127	354	237	58.8	<41.4	<41.4	1,490	642	<41.4	310	<41.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/27/2012	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	0.915	0.553	<0.363	<0.363	<0.363	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/27/2012	234	289	<5.58	456	<5.58	65.7	235	817	920	120	<6.58	6,260	2,410	2,410	<6.58	1,210	<6.58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/27/2012	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/27/2012	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	<0.365	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/27/2012	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/27/2012	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	<0.412	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/27/2012	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	<0.362	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/27/2012	<0.386	<0.386	<0.386	<0.386	<0.386	<0.386	<0.386	<0.386	<0.386	<0.386	<0.386	<0.386	<0.386	<0.386	<0.386	<0.386	<0.386	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
03/20/2013	54.9	11.4	<1.92	14.7	<1.92	3.31	3.77	36.2	11.3	5.82	<1.92	<1.92	74.7	37.6	3.59	30.3	<1.92	NA	8.63	0.935	4.15	11.3	14.7	11.1	10.7	4.94	7.11	14.7	27.3	31.5	7.79
03/20/2013	<0.354	<0.354	<0.354	<0.354	<0.354	<0.354	<0.354	0.393	<0.354	<0.354	<0.354	<0.354	0.654	0.387	<0.354	<0.354	<0.354	NA	0.118	0.0144	0.0435	0.134	0.176	0.129	0.127	0.0676	0.112	0.177	0.037	0.373	0.101
03/20/2013	26.2	54.3	<6.42	72	<6.42	13.4	29.9	171	98.5	24	<6.42	<6.42	715	283	<6.42	146	<6.42	NA	197	10.6	39.5	75.6	62.2	50.1	43.3	22.2	32	65.7	11.6	130	87.2
03/20/2013	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	NA	0.209	0.0841	0.111	0.276	0.28	0.213	0.173	0.113	0.172	0.291	0.0945	0.551	0.225
03/20/2013	66.6	80.2	<8.48	126	<8.48	26.5	59.2	415	<8.48	49.9	<8.48	<8.48	2,010	1,020	<8.48	613	<8.48	NA	837	51.5	442	289	200	177	85.6	70.5	109	195	31.3	401	27.3
03/20/2013	<0.341	<0.341	<0.341	<0.341	<0.341	<0.341	<0.341	<0.341	<0.341	<0.341	<0.341	<0.341	<0.341	<0.341	<0.341	<0.341	<0.341	NA	0.0513	0.021	0.499	0.0576	0.0504	0.0407	0.0285	0.0226	0.0291	0.062	0.103	0.11	0.116
03/21/2013	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	0.996	0.706	1.85	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	0.809	<0.356	NA	<0.0054	1.78	0.185	0.303	0.151	0.131	0.0775	0.0554	0.0884	0.141	0.0299	0.34	1.01
03/21/2013	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	<0.361	NA	0.021	0.029	0.0158	0.0146	0.0141	0.0108	0.0066	0.0066	0.0088	0.0174	<0.0055	0.323	0.0247
03/21/2013	<1.36	<1.36	<1.36	<1.36	<1.36	<1.36	<1.36	<1.36	<1.36	<1.36	<1.36	<1.36	25.3	<1.36	<1.36	<1.36	<1.36	NA	2.06	0.108	0.114	0.127	0.268	0.317	0.329	0.216	0.253	0.339	0.11	0.44	0.353
03/21/2013	<0.434	<0.434	<0.434	<0.434	<0.434	<0.434	<0.434	0.73	0.625	<0.434	<0.434	<0.434	10.6	0.872	<0.434	0.487	<0.434	NA	3.78	0.252	0.21	0.48	0.57	0.383	0.422	0.235	0.39	0.585	0.136	1.33	1.19
03/21/2013	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055
07/19/2013	<0.375	<0.375	<0.375	<0.375	<0.375	<0.375	<0.375	<0.375	<0.375	<0.375	<0.375	<0.375	<0.375	<0.375	<0.375	<0.375	<0.375	NA	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057
07/19/2013	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	NA	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056
07/19/2013	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	NA	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054
07/19/2013	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	<0.389	NA	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058	<0.0058
07/19/2013	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	NA	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054
07/20/2013	1.52	3.33	<0.356	5.17	<0.356	0.504	2.74	9.6	84.3	1.2	<0.356	<0.356	0.683	25.4	<0.356	144	<0.356	NA	0.153	8.33	3.36	7.11	4.23	3.34	1.99	1.36	2.12	4.27	0.435	8.65	10.2
07/20/2013	0.983	1.6	<0.382	2.41	<0.382	0.386	0.81	2.53	1.52	0.877	<0.382	<0.382	0.936	6.11	<0.382	3.09	<0.382	NA	0.13	0.202	0.434	0.722	0.861	1.37	1.04	0.665	0.873	1.21	0.401	1.26	0.609
07/20/2013	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	NA	<0.0055	<0.0055	<0.0055	0.0056	0.0055	0.0057	<0.0055	<0.0055	0.0102	<0.0055	0.0102	<0.0055</	

Depth (ft bg)	Depth (ft bg)	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Mercury	Extended Range Or	Gasoline Range Or	PCB-1248 (Aroclor	PCB-1254 (Aroclor	PCB-1260 (Aroclor	Nitrogen, Ammonia	Nitrogen, Nitrate	Nitrogen, Nitrite	Phenolics, Total Recoverable	
Identical Direct Contact			100,000	43	9.5	21,000	220	NE	NE	4,300	77,000	400	2,500	2,100	550	550	66,000	1.1	66,000	550	32,000	3.1	NE	NE	NE	3.5	9.7	3.9	NE	100,000	11,000	NE
Indirect Contact			100,000	470	30	100,000	2,300	NE	NE	47,000	100,000	800	26,000	22,000	5,800	5,800	100,000	12	100,000	5,800	100,000	3.1	NE	NE	NE	9.5	9.7	3.9	NE	100,000	100,000	NE
Indirect Contact			100,000	790	920	100,000	3,800	NE	NE	79,000	100,000	1,000	46,000	35,000	9,800	9,800	100,000	20	100,000	9,900	100,000	3.1	NE	NE	NE	560	33	570	NE	100,000	100,000	NE
22	24	03/22/2011	11,700	<0.54	4.9	72.8	NA	NA	12.3	14.5	18,100	8.4	401	18	1.2	0.8	67.8	0.23	1.5	24.8	51.5	<0.37	NA	NA	<0.039	<0.039	<0.039	7.8	<5.6	<5.6	<1.1	
6	8	03/22/2011	18,400	<0.53	15.1	127	NA	NA	22.1	25.7	37,700	20.4	365	33.9	1.8	<0.53	27.2	0.34	1.5	67.1	104	<0.41	NA	NA	<0.0421	<0.0421	<0.0421	97.6	<6	<6	<1.2	
8	10	03/22/2011	6,730	<0.5	7.8	33.2	NA	NA	9.1	20	16,500	8.8	110	18	1.6	<0.5	13.3	0.23	1.2	26	85.1	<0.38	NA	NA	<0.0431	<0.0431	<0.0431	8.4	<6.2	<6.2	<1.2	
10	12	11/27/2012	3,830	<2.1	3.5	16.4	NA	NA	11.1	7.5	9,840	4.2	144	9.2	<2.1	<2.1	26.6	<2.1	<2.1	14.5	19.8	<0.22	NA	NA	<0.112	<0.112	<0.112	106	<5.6	<5.6	8.3	
22	24	11/27/2012	2,930	<2.1	4.6	12	NA	NA	4.7	14.2	7,290	3.6	231	9.3	<2.1	<2.1	76.9	<2.1	<2.1	12.7	18.5	<0.23	NA	NA	<0.108	<0.108	<0.108	32.5	<5.4	<5.4	<1.1	
18	20	11/27/2012	7,640	<2.1	4.8	33.5	NA	NA	10.4	12.2	12,100	5.2	302	13.1	<2.1	<2.1	67.5	<2.1	<2.1	15.4	47.6	<0.22	NA	NA	<0.109	<0.109	<0.109	65.7	<5.4	<5.4	<1.1	
8	10	11/27/2012	5,940	<2.5	7.9	41.3	NA	NA	10.3	12.8	11,500	9.9	154	12.3	<2.5	<2.5	16.4	<2.5	<2.5	15.3	76.4	0.31	NA	NA	<0.125	<0.125	<0.125	80.6	<6.3	<6.3	15	
13	14	11/27/2012	5,320	<2.1	5.8	22	NA	NA	8.4	12.1	9,910	4.6	254	13.1	<2.1	<2.1	73.2	<2.1	<2.1	15.7	35.4	<0.23	NA	NA	<0.117	<0.117	<0.117	129	<5.9	<5.9	6.3	
8	10	11/27/2012	6,110	<2.3	5.8	46.8	NA	NA	8.9	11.1	10,500	6.7	254	11.1	<2.3	<2.3	11.8	<2.3	<2.3	17.1	31.4	<0.23	NA	NA	<0.125	<0.125	<0.125	244	<6.2	<6.2	2.3	
12	14	11/27/2012	5,250	<2.4	11.5	23.3	NA	NA	10.2	15.4	14,100	5.7	285	21.1	<2.4	<2.4	81.1	<2.4	<2.4	17.2	46.9	<0.27	NA	NA	<0.125	<0.125	<0.125	244	<6.2	<6.2	2.3	
18	20	11/27/2012	7,410	<2.2	4.6	44.3	NA	NA	10.5	13.1	12,900	5.6	283	13.7	<2.2	<2.2	66.9	<2.2	<2.2	15.5	29.9	<0.21	NA	NA	<0.0387	<0.0387	<0.0387	106	<5.5	<5.5	<1.1	
14	15	11/27/2012	7,440	<2.1	6.3	47.5	NA	NA	10.7	12.9	13,000	5.7	295	14.1	<2.1	<2.1	69	<2.1	<2.1	16	27.3	<0.21	NA	NA	<0.11	<0.11	<0.11	69	<5.5	<5.5	<1.1	
5	6	11/27/2012	4,950	<2.5	4.4	52.3	NA	NA	8.6	14	13,500	56.6	152	14.1	<2.5	<2.5	19.5	<2.5	14.5	15.4	156	<0.27	NA	NA	<0.125	<0.125	<0.125	20	<6.2	<6.2	<1.2	
14	15	11/27/2012	7,340	<2.1	4.9	44.3	NA	NA	10.6	12.7	13,000	5.5	299	13.2	<2.1	<2.1	79.4	<2.1	<2.1	15.1	27.2	<0.23	NA	NA	<0.11	<0.11	<0.11	9.4	<5.5	<5.5	<1.1	
6	8	11/27/2012	7,260	<2.1	6.3	68.2	NA	NA	10.1	28.6	13,600	82.9	218	13.6	<2.1	<2.1	45.3	<2.1	9.1	19.2	114	<0.25	NA	NA	<0.117	<0.117	<0.117	17.9	<5.9	<5.9	<1.2	
8	10	03/20/2013	10,400	<2.1	8.6	63.5	NA	NA	10.5	15.2	17	15,500	16.6	361	19.9	<2.1	6.8	<2.1	<2.1	26.1	159	<0.22	NA	NA	<0.116	<0.116	<0.116	1,520	<5.8	<5.8	5	
18	20	03/20/2013	2,910	<2.1	7.7	11.3	NA	<2.1	5.2	10.2	6,800	669	210	7.5	<2.1	<2.1	77	<2.1	<2.1	8.7	27.2	<0.2	NA	NA	<0.107	<0.107	<0.107	40.3	<5.4	<5.4	<1.1	
8	10	03/20/2013	6,860	<2.3	11.7	58.7	NA	<2.3	12	16.8	11,400	23.8	223	11.8	<2.3	<2.3	44.2	<2.3	2.9	19.2	62.4	5	NA	NA	<0.389	<0.389	<0.389	547	<6.5	<6.5	4.1	
18	20	03/20/2013	7,020	<2	3.7	39.4	NA	<2	10.8	15	12,200	7.4	298	14.6	<2	<2	68.7	<2	<2	14.8	31.3	<0.19	NA	NA	<0.038	<0.038	<0.038	61	<5.4	<5.4	<1.1	
12	14	03/20/2013	12,500	<3.3	11.8	90.7	NA	<3.3	19.1	19.7	18,500	18.5	408	19.7	<3.3	<3.3	25.7	<3.3	<3.3	32	70.5	<0.35	NA	NA	<0.514	<0.514	<0.514	274	<8.6	<8.6	15.5	
18	20	03/20/2013	6,170	<1.9	9.1	34.2	NA	<1.9	9.2	18.2	12,700	6.1	299	15	<1.9	<1.9	60.7	<1.9	<1.9	13.5	29.6	<0.18	NA	NA	<0.103	<0.103	<0.103	41.3	<5.2	<5.2	<1	
13	15	03/21/2013	3,080	<2.1	6.5	18.5	NA	<2.1	6.6	11.7	8,890	4.8	329	8.4	<2.1	<2.1	105	<2.1	<2.1	11.9	23.5	<0.19	NA	NA	<0.108	<0.108	<0.108	50.5	<5.4	<5.4	<1.1	
20	22	03/21/2013	3,670	<2.1	4.2	22.7	NA	<2.1	6.7	11.5	6,790	3.5	227	8.6	<2.1	<2.1	82.7	<2.1	<2.1	9.8	22.2	<0.22	NA	NA	<0.0383	<0.0383	<0.0383	29.8	<5.5	<5.5	<1.1	
8	10	03/21/2013	11,100	<2.5	23.5	85.8	NA	<2.5	15.3	78.1	15,400	51.3	54.8	30.2	<2.5	<2.5	65.7	<2.5	4.9	41.5	32.9	0.34	NA	NA	<0.137	<0.137	<0.137	<6.6	<6.8	<6.8	<1.4	
11	14	03/21/2013	5,620	<2.5	7.1	25.9	NA	<2.5	11.2	15.4	6,300	4.8	2,570	15.1	<12.6	<2.5	52.4	<2.5	<2.5	16	49.7	<0.26	NA	NA	<0.131	<0.131	<0.131	8.2	<6.6	<6.6	<1.3	
18	20	03/21/2013	7,650	<2.1	6.8	45.9	NA	<2.1	11.6	15.8	13,700	6.4	324	14.8	<2.1	<2.1	76	<2.1	<2.1	17.3	40.3	<0.19	NA	NA	<0.109	<0.109	<0.109	38.6	<5.4	<5.4	<1.1	
12	14	07/29/2013	6,250	<2.1	8	31.8	NA	<2.1	11.6	16.1	12,700	5	304	15.5	<2.1	<2.1	69.4	<2.1	<2.1	18.7	37.1	<0.22	<11.4	<0.9	<0.113	<0.113	<0.113	<5.7	<5.7	<5.7	<5.5	
20	22	07/29/2013	7,250	<2	5.1	50	NA	<2	11.7	20.9	12,900	4.8	303	13.4	<2	<2	67.3	<2	<2	17.6	33.6	<0.22	15.7	<0.77	<0.11	<0.11	<0.11	<5.5	<5.5	<5.5	6.7	
18	20	07/29/2013	5,560	<2	4.8	27.5	NA	<2	8.5	13.4	8,990	4.2	325	11.3	<2	<2	93.1	<2	<2	14.9	26.7	<0.21	17.7	<0.78	<0.107	<0.107	<0.107	<5.4	<5.4	<5.4	7.1	
6	8	07/29/2013	10,200	<2.3	9	63.7	NA	4.4	13.3	19.9	16,200	8	1,990	32	<2.3	<2.3	37.5	<2.3	<2.3	24.8	85.9	<0.24	<11.7	<0.76	<0.117	<0.117	<0.117	<5.9	<5.9	<5.9	<5.6	
22	24	07/30/2013	9,420	<2.2	5.5	58.3	NA	<2.2	14.1	16.4	15,300	5.9	313	16.6	<2.2	<2.2	71.7	<2.2	<2.2	19.9	37.6	<0.23	36.6	<0.79	<0.108	<0.108	<0.108	28.7	<5.4	<5.4	<1.1	
8	10	07/30/2013	10,300	<1.9	6.7	12	NA	<1.9	19.7	12.8	15,300	3.9	449	34.3	<1.9	<1.9	48.1	<1.9	<1.9	19.6	254	<0.22	748	18.8	<0.108	<0.108	<0.108	37.7	<5.4	<5.4	0.97	
8	4	07/31/2013	13,400	<2	9.6	72	NA	<2	16.8	23.3	21,700	12.8	268	20	<2	<2	12.1	<2	<2	31.6	60.9	<0.23	182	0.87	<0.117	<0.117	<0.117	35.2	<5.8	<5.8	<1	
22	24	07/31/2013	8,760	<2	4.3	83.5	NA	<2	13.3	15.6	12,700	5.8	303	14	<2	<2	80.9	<2	<2	16.8	30.4	<0.22	19	<0.81	<0.11	<0.11	<0.11	<12.4	<5.5	<5.5	<0.96	
22	24	07/31/2013	8,120	<2	3.2	52.2	NA	<2	12.1	15.9	17,600	6.4	526	16	<2	<2	67.1	<2	<2	16.3	41.4	<0.22	<11.2	<0.98	<0.112	<0.112	<0.112	11.8	<5.6	<5.6	<1.1	
8	10	07/31/2013	2,600	<2.3	9.8	71.6	NA	<2.3	13.6	23.1	6,050	43.8	44.7	2.4	<2.3	<2.3	9.6	<2.3	2.9	9.8	7.9	<0.25	1,320	171	<0.126	<0.126	<0.126	82.7	<6.4	<6.4	<1.3	
10	12	07/29/2013	6,360	<2	3.2	31.2	NA	<2	9.5	15.2	9,890	5.1	234	13.4	2.7	<2	78.8	<2	<2	17.7	43.4	<0.22	<11.1	<0.67	<0.112	<0.112	<0.112	<5.6	<5.6	<5.6	<5.4	
18	20	07/29/2013	6,320	<1.9	5	34.4	NA	<1.9	10.5	14.4	10,500	5.3	298	12.7	<1.9	<1.9	69	<1.9	<1.													

The following notes summarize the color of screening level (SL) exc

Sample Date	1,1,2-Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone (MEK)	2-Chlorotoluene	Acetone	Benzene	Carbon disulfide	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Xylene (Total)	n-Butylbenzene	n-Hexane	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	All Remaining VOCs	2,4-Dimethylphenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Chloroaniline	Acephenanthrene	Acephenanthrene
Contact	2.1	220	180	28,000	910	85,000	17	740	81	270	490	53	870	110	820	5.7	260	110	140	260	NE	150	180	NE	1,800	3,350	4,500	NE	5,000	NE
Contact	6.3	220	180	28,000	910	100,000	51	740	250	270	3,200	170	870	170	820	19	260	110	140	260	NE	150	180	NE	16,000	3,010	41,000	NE	45,000	NE
Contact	35	220	180	28,000	910	100,000	1,800	740	480	270	3,500	3100	870	170	820	95	260	110	140	260	NE	150	180	NE	34,000	6,740	87,000	NE	100,000	NE
07/31/2013	<0.0032	<0.0032	<0.0032	<0.016	<0.0032	<0.0642	<0.0032	<0.0064	<0.0032	<0.0032	<0.0128	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	BRL	<0.365	<0.365	<0.365	<0.73	<0.365	
07/31/2013	<0.0037	<0.0037	<0.0037	<0.0185	<0.0037	<0.0739	<0.0037	<0.0074	<0.0037	<0.0037	<0.0148	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0074	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	BRL	<0.376	<0.376	<0.376	<0.751	<0.376	
07/29/2013	<0.0032	<0.0032	<0.0032	<0.016	<0.0032	<0.0641	<0.0032	<0.0064	<0.0032	<0.0032	<0.0128	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	BRL	<0.354	<0.354	<0.354	<0.708	<0.354	
07/29/2013	<0.0039	<0.0039	<0.0039	<0.0195	<0.0039	<0.0779	<0.0039	<0.0078	<0.0039	<0.0039	0.0166	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0078	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	BRL	<0.381	<0.381	<0.381	<0.762	<0.381	
07/29/2013	<0.0036	<0.0036	<0.0036	<0.0179	<0.0036	<0.0717	<0.0036	<0.0072	<0.0036	<0.0036	<0.0143	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0072	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	BRL	<0.364	<0.364	<0.364	<0.728	<0.364	
07/29/2013	<0.0049	<0.0049	<0.0049	<0.0246	<0.0049	<0.0983	<0.0049	<0.0098	<0.0049	<0.0049	<0.0197	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0098	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	BRL	<0.413	<0.413	<0.413	<0.825	<0.413	
07/30/2013	<0.0038	<0.0038	<0.0038	<0.0189	<0.0038	<0.0757	<0.0038	<0.0076	<0.0038	<0.0038	<0.0151	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0076	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	BRL	<0.363	<0.363	<0.363	<0.726	<0.363	
07/30/2013	<0.0037	<0.0037	<0.0037	<0.0187	<0.0037	<0.0749	<0.0037	<0.0075	<0.0037	<0.0037	<0.015	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0075	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	BRL	<0.389	<0.389	<0.389	<0.778	<0.389	
07/31/2013	<0.0036	<0.0036	<0.0036	<0.0282	<0.0036	<0.113	<0.0036	<0.0113	<0.0036	<0.0036	<0.0225	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0113	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	BRL	<0.357	<0.357	<0.357	<0.713	<0.357	
07/31/2013	<0.0049	<0.0049	<0.0049	<0.0246	<0.0049	<0.0984	<0.0049	<0.0098	<0.0049	<0.0049	<0.0197	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0098	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	BRL	<0.361	<0.361	<0.361	<0.721	<0.361	
07/30/2013	<0.0039	<0.0039	<0.0039	<0.0196	<0.0039	<0.0785	<0.0039	<0.0078	<0.0039	<0.0039	<0.0157	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0078	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	BRL	<0.36	<0.36	<0.36	<0.72	<0.36	
07/30/2013	<0.0042	<0.0042	<0.0042	<0.0209	<0.0042	<0.0834	<0.0042	<0.0083	<0.0042	<0.0042	<0.0167	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0083	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	BRL	<0.395	<0.395	<0.395	<0.789	<0.395	
07/29/2013	<0.0039	<0.0039	<0.0039	<0.0194	<0.0039	<0.0777	<0.0039	<0.0078	<0.0039	<0.0039	<0.0155	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0078	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	BRL	<0.355	<0.355	<0.355	<0.711	<0.355	
07/29/2013	<0.0043	<0.0043	<0.0043	<0.0215	<0.0043	<0.086	<0.0043	<0.0086	<0.0043	<0.0043	<0.0172	0.0771	<0.0043	<0.0043	<0.0043	<0.0043	<0.0086	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	BRL	<0.402	<0.402	<0.402	<0.805	<0.402	
07/30/2013	<0.0035	<0.0035	<0.0035	<0.0177	<0.0035	<0.0709	<0.0035	<0.0071	<0.0035	<0.0035	<0.0142	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0071	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	BRL	<0.365	<0.365	<0.365	<0.729	<0.365	
07/30/2013	<0.0037	<0.0037	<0.0037	<0.0184	<0.0037	<0.0737	<0.0037	<0.0074	<0.0037	<0.0037	<0.0147	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0074	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	BRL	<0.407	<0.407	<0.407	<0.814	<0.407	
08/01/2013	<0.0039	<0.0039	<0.0039	<0.0193	<0.0039	<0.0771	<0.0039	<0.0077	<0.0039	<0.0039	<0.0154	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0077	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	BRL	<0.374	<0.374	<0.374	<0.747	<0.374	
08/01/2013	<0.0036	<0.0036	<0.0036	<0.0178	<0.0036	<0.071	<0.0036	<0.0071	<0.0036	<0.0036	<0.0142	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0071	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	BRL	<0.362	<0.362	<0.362	<0.723	<0.362	
07/31/2013	<0.0036	<0.0036	<0.0036	<0.0181	<0.0036	<0.0723	<0.0036	<0.0072	<0.0036	<0.0036	<0.0145	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0072	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	BRL	<0.375	<0.375	<0.375	<0.75	<0.375	
07/31/2013	<0.0042	<0.0042	<0.0042	<0.0208	<0.0042	<0.0834	<0.0042	<0.0083	<0.0042	<0.0042	<0.0167	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0083	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	BRL	<0.356	<0.356	<0.356	<0.713	<0.356	
07/30/2013	<0.0036	<0.0036	<0.0036	<0.0178	<0.0036	<0.0712	<0.0036	<0.0071	<0.0036	<0.0036	<0.0142	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0071	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	BRL	<0.356	<0.356	<0.356	<0.713	<0.356	
07/30/2013	<0.0038	<0.0038	<0.0038	<0.0188	<0.0038	<0.0752	<0.0038	<0.0075	<0.0038	<0.0038	<0.015	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0075	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	BRL	<0.369	<0.369	<0.369	<0.739	<0.369	
07/29/2013	<0.0051	<0.0051	<0.0051	<0.0253	<0.0051	<0.101	<0.0051	<0.101	<0.0051	<0.0051	<0.0203	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.101	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	BRL	<1.99	<1.99	<1.99	<3.98	<1.99	
07/29/2013	<0.0049	<0.0049	<0.0049	<0.0247	<0.0049	<0.0986	<0.0049	<0.0099	<0.0049	<0.0049	<0.0197	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0099	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	BRL	<0.358	<0.358	<0.358	<0.716	<0.358	
08/01/2013	<0.0033	<0.0033	<0.0033	<0.0165	<0.0033	<0.0659	<0.0033	<0.0066	<0.0033	<0.0033	<0.0132	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0066	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	BRL	<0.364	<0.364	<0.364	<0.728	<0.364	
08/01/2013	<0.0049	<0.0049	<0.0049	<0.0243	<0.0049	<0.0973	<0.0049	<0.0097	<0.0049	<0.0049	<0.0195	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0097	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	BRL	<0.354	<0.354	<0.354	<0.709	<0.354	
07/31/2013	<0.0031	<0.0031	<0.0031	<0.0154	<0.0031	<0.0615	<0.0031	<0.0061	<0.0031	<0.0031	<0.0123	<0.0031	<0.0031	<0.0031	<0.0031	<0.0031	<0.0061	<0.0031	<0.0031	<0.0031	<0.0031	<0.0031	<0.0031	BRL	<0.364	<0.364	<0.364	<0.727	<0.364	
07/31/2013	<0.0038	<0.0038	<0.0038	<0.0188	<0.0038	<0.075	<0.0038	<0.0075	<0.0038	<0.0038	<0.015	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0075	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	BRL	<0.367	<0.367	<0.367	<0.735	<0.367	
07/31/2013	<0.0036	<0.0036	<0.0036	<0.0178	<0.0036	<0.0712	<0.0036	<0.0071	<0.0036	<0.0036	<0.0142	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0071	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	BRL	<0.365	<0.365	<0.365	<0.73	<0.365	
07/31/2013	<0.0035	<0.0035	<0.0035	<0.0173	<																									

Depth (ft bg)	Depth (ft bg)	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Mercury	Extended Range Or	Gasoline Range Or	PCB-1248 (Aroclor	PCB-1254 (Aroclor	PCB-1260 (Aroclor	Nitrogen, Ammonia	Nitrogen, Nitrate	Nitrogen, Nitrite	Phenolics, Total Recoverable	
	idental Direct Contact		100,000	43	9.5	21,000	220	NE	NE	4,300	77,000	400	2,500	2,100	550	550	66,000	1.1	66,000	550	32,000	3.1	NE	NE	3.2	9.5	9.7	3.9	NE	100,000	11,000	NE
	m/Ind Direct Contact		100,000	470	30	100,000	2,300	NE	NE	47,000	100,000	800	26,000	22,000	5,800	5,800	100,000	12	100,000	5,800	100,000	3.1	NE	NE	9.5	9.7	3.9	NE	100,000	100,000	NE	
	avation Direct Contact		100,000	790	920	100,000	3,800	NE	NE	79,000	100,000	1,000	46,000	36,000	9,800	9,800	100,000	20	100,000	9,900	100,000	3.1	NE	NE	560	33	570	NE	100,000	100,000	NE	
18	20	07/31/2013	8,650	<2.1	5.5	47.5	NA	<2.1	13	16.9	13,200	5.8	319	15.2	<2.1	<2.1	70.8	<2.1	<2.1	16.9	36.2	<0.23	27.7	<0.63	<0.112	<0.112	<0.112	8.9	<5.6	<5.6	<1.1	
4	6	07/31/2013	6,440	<2.1	6.9	33.3	NA	<2.1	10.2	16.7	12,300	5.6	292	16.6	<2.1	<2.1	88.8	<2.1	<2.1	16.6	42.8	<0.23	14.2	<0.96	<0.115	<0.115	<0.115	12.1	<5.7	<5.7	<0.96	
18	20	07/29/2013	4,870	<2	5	51.5	NA	<2	8	13.1	9,560	4.7	270	14.4	<2	<2	74.5	<2	<2	14	30.1	<0.23	15.1	<0.65	<0.108	<0.108	<0.108	<5.4	<5.4	<1.1	13.6	
6	8	07/29/2013	16,500	<2.3	11	109	NA	<2.3	21.4	21.1	27,300	11.5	582	18.7	<2.3	<2.3	15.3	<2.3	<2.3	40	55.7	<0.23	<11.6	<1.1	<0.115	<0.115	<0.115	<5.8	<5.8	<1.1	53.3	
18	20	07/29/2013	8,700	<2.1	6.4	42.7	NA	<2.1	12.4	16.5	14,600	6.1	319	17.5	<2.1	<2.1	78.9	<2.1	<2.1	18.5	38.8	<0.22	<11	<0.71	<0.111	<0.111	<0.111	<5.5	<5.5	<0.97	6.7	
3	4	07/29/2013	11,500	<2.4	6.1	104	NA	<2.4	15.2	16.3	16,400	13.8	767	15.2	<2.4	<2.4	15.4	<2.4	<2.4	26.9	56.2	<0.24	20.4	<0.87	<0.125	<0.125	<0.125	<6.3	<1.3	<1.3	48.6	
18	20	07/30/2013	7,670	<1.9	5.6	48.8	NA	<1.9	12.1	13.6	13,200	5	314	14.1	<1.9	<1.9	77.1	<1.9	<1.9	16.6	36.9	<0.22	13.4	<0.91	<0.111	<0.111	<0.111	15	<5.5	<5.5	<1	
4	6	07/30/2013	11,700	<2.1	12.7	99.1	NA	<2.1	15.8	36.2	28,200	9.6	255	44.7	<2.1	<2.1	15.9	<2.1	<2.1	30.9	123	<0.23	<11.7	<0.79	<0.117	<0.117	<0.117	20	<5.9	<5.9	<1.1	
10	12	07/31/2013	2,960	<2	7.5	16.2	NA	<2	6.6	19.7	8,610	6.9	306	12.8	<2	<2	51.7	<2	<2	22.7	41.2	<0.2	<10.8	<0.76	<0.107	<0.107	<0.107	<5.4	<5.4	<1.1	<1.1	
18	20	07/31/2013	9,430	<2	4.8	52.9	NA	<2	13.6	16	14,300	6.9	315	15.1	<2	<2	67.9	<2	<2	17.6	30.7	<0.22	37.1	<0.86	<0.109	<0.109	<0.109	8.2	<5.5	<5.5	<1.1	
18	20	07/30/2013	8,500	<1.9	5	57.7	NA	<1.9	12.5	16.3	13,900	5.7	311	15.1	<1.9	<1.9	69.6	<1.9	<1.9	17.9	31.3	<0.21	14.8	<0.73	<0.109	<0.109	<0.109	12.1	<5.5	<5.5	<1.1	
6	8	07/30/2013	12,400	<2.4	19.6	145	NA	<2.4	19.7	29.1	37,600	11.1	818	35.8	<2.4	<2.4	15.5	<2.4	<2.4	40.1	84.5	<0.23	<11.9	<0.81	<0.12	<0.12	<0.12	<6	<6	<1.2	<1.2	
18	20	07/29/2013	8,260	<1.9	6.4	61.4	NA	<1.9	12.5	15.4	14,000	6.2	310	14.7	<1.9	<1.9	74.5	<1.9	<1.9	17.5	30.6	<0.23	17.2	<0.74	<0.108	<0.108	<0.108	<5.4	<5.4	<1	8.1	
6	8	07/29/2013	13,100	<2.3	11.5	96.3	NA	<2.3	17.3	40.9	25,900	11.8	152	16	<2.3	<2.3	22.8	<2.3	<2.3	30.9	79.5	<0.24	4,640	<1	<0.122	<0.122	<0.122	<6.1	<6.1	<1.2	8.3	
18	20	07/30/2013	7,950	<2	6.3	46.6	NA	<2	11.5	16	14,700	5.7	313	16	<2	<2	78.8	<2	<2	17.8	32.2	<0.23	13.1	<0.8	<0.11	<0.11	<0.11	11.1	<5.5	<5.5	<0.96	
6	8	07/30/2013	10,200	<2.3	15.1	92.3	NA	<2.3	16.9	22.3	21,500	12.2	383	24.7	<2.3	<2.3	13.7	<2.3	<2.3	34.9	71.6	<0.25	<12.2	<0.73	<0.123	<0.123	<0.123	<6.2	<6.1	<1.1	<1.1	
14	16	08/01/2013	7,730	<2.1	8	47.7	NA	<2.1	15.6	21.9	14,900	7.1	334	20	<2.1	<2.1	47.2	<2.1	<2.1	20.6	47.1	<0.24	23.9	<0.71	<0.112	<0.112	<0.112	<5.7	<5.7	<0.98	<0.98	
20	22	08/01/2013	6,100	<2	4.5	53.9	NA	<2	9.6	13	11,000	5	256	12	<2	<2	63	<2	<2	12.2	25.6	<0.23	27.6	<0.69	<0.109	<0.109	<0.109	9.5	<5.5	<5.5	<1.1	
12	14	07/31/2013	4,850	<2.1	5.1	29.5	NA	<2.1	8.4	14.3	10,000	5.2	235	11	<2.1	<2.1	76.7	<2.1	<2.1	14.4	37	<0.23	<11.4	<0.72	<0.114	<0.114	<0.114	<5.6	<5.7	<1	<1	
18	20	07/31/2013	5,910	<1.9	3.9	51.3	NA	<1.9	9.5	15.9	10,000	6.5	260	12	<1.9	<1.9	90.4	<1.9	<1.9	12.7	32.2	<0.23	27.6	<0.78	<0.108	<0.108	<0.108	<5.2	<5.4	<5.4	<1	
18	20	07/30/2013	8,320	<2.2	7.4	40.9	NA	<2.2	12.6	15.3	14,400	6.5	337	15.6	<2.2	<2.2	72.6	<2.2	<2.2	17.7	64.8	<0.22	23.5	<0.83	<0.108	<0.108	<0.108	<5	<5.4	<5.4	<0.99	
4	6	07/30/2013	7,720	<2.1	6.8	35.1	NA	3.9	10	32.8	13,800	4.9	2,830	50.9	<2.1	<2.1	49.3	<2.1	<2.1	17.3	161	<0.23	<11.3	<0.71	<0.111	<0.111	<0.111	<5.3	<5.6	<5.6	<1.1	
10	12	07/29/2013	12,200	<2.3	11.6	90.4	NA	<2.3	17.5	26.7	22,200	11.4	126	19	<2.3	<2.3	13.8	<2.3	<2.3	31.1	93.5	<0.25	219	<0.84	<0.121	<0.121	<0.121	<6.1	<6.1	<1.1	594	
23	24	07/29/2013	10,300	<2.1	5.1	50	NA	<2.1	15.2	15.4	14,100	6.7	301	15.3	<2.1	<2.1	60.4	<2.1	<2.1	20.5	33.8	<0.23	15.6	<0.94	<0.108	<0.108	<0.108	<5.5	<5.5	<1.1	<5.5	
10	12	08/01/2013	5,360	<2.1	9.8	35	NA	<2.1	9.1	15	10,400	4.2	353	14.2	<2.1	<2.1	107	<2.1	<2.1	17.5	31.3	<0.23	15.9	<0.62	<0.109	<0.109	<0.109	<5.5	<5.5	<0.92	<0.92	
13	17	08/01/2013	6,120	<2.1	5.9	57.5	NA	<2.1	9.9	15.3	13,000	5.9	289	13.7	<2.1	<2.1	84.6	<2.1	<2.1	12.7	35	<0.23	63.4	<0.82	<0.107	<0.107	<0.107	<5.3	<5.3	<0.98	<0.98	
18	20	07/31/2013	7,140	<2.1	4.5	53.7	NA	<2.1	11.1	15	12,900	5.3	306	13.7	<2.1	<2.1	93.5	<2.1	<2.1	14.2	27.3	<0.23	17	<0.67	<0.109	<0.109	<0.109	<5.5	<5.5	<1	<1	
8	10	07/31/2013	6,200	<2.2	6.8	45.5	NA	<2.2	9.9	16.8	11,900	5.5	268	16.4	<2.2	<2.2	78.6	<2.2	<2.2	16.9	38.7	<0.22	<11.1	<0.95	<0.11	<0.11	<0.11	<5.4	<5.5	<5.5	<1.1	
18	20	07/31/2013	7,500	<2	6.9	43.8	NA	<2	11.7	17.2	13,900	6.1	322	14.8	<2	<2	85.6	<2	<2	15	33.4	<0.24	26.5	<0.67	<0.109	<0.109	<0.109	<5.1	<5.5	<5.5	<1	
8	10	07/31/2013	5,190	<2.2	<2.2	35.8	NA	<2.2	8.5	14.5	9,640	4.9	266	11.9	<2.2	<2.2	78.7	<2.2	<2.2	13.7	33.1	<0.22	<11.1	<0.7	<0.112	<0.112	<0.112	<5.3	<5.6	<5.6	<1.1	
0	10	09/22/2014	NA	NA	<0.10	<5.0	NA	<0.050	<0.10	NA	NA	<0.10	NA	NA	<0.10	<0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0	8	09/22/2014	NA	NA	<0.10	<5.0	NA	<0.050	<0.10	NA	NA	0.21	NA	NA	<0.10	<0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0	9	09/22/2014	NA	NA	<0.10	<5.0	NA	<0.050	<0.10	NA	NA	<0.10	NA	NA	<0.10	<0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
0	8	09/22/2014	NA	NA	<0.10	<5.0	NA	<0.050	<0.10	NA	NA	<0.10	NA	NA	<0.10	<0.10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6	8	05/09/2017	11,000	<1.1	11.1	41.9	0.66	<0.570	16.1	27.6	18,500	10.1	394	33.8	<1.1	<0.570	16	<1.1	NA	29.4	79.5	<0.250	NA	NA	<0.120	<0.120	<0.120	16.7	<5.8	<5.8	<1.1	
43	44	05/10/2017	9,270	<1.1	10	43.9	<0.550	<0.550	18.7	194	18,500	7.3	690	20	<1.1	<0.550	69.9	2.9	NA	20.1	50.4	<0.220	NA	NA	<0.120	<0.120	<0.120	<5.7	<5.8	<5.8	<1.1	
4	6	05/10/2017	14,800	<1.2	9.1	62.2	<0.600	<0.600	18.3	18.2	17,900	11.8	267	15.5	<1.2	<0.600	8.7	3.3	NA	33.6	56.2	<0.260	NA	NA	<0.130	<0.130	<0.130	61.7	<6.3	<6.3	3.7	
4	6	05/10/2017	14,000	<1.1	7.9	58.7	0.61	<0.560	15.5	21	1																					

The following notes summarize the color of screening level (SL) exceedances:

BOLD = Constituent detected above Laboratory Reporting Level

Sample Date	1,1,2-Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Butanone (MEK)	2-Chlorotoluene	Acetone	Benzene	Carbon disulfide	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Xylene (Total)	n-Butylbenzene	n-Hexane	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	All Remaining VOCs	2,4-Dimethylphenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Chloroaniline	Acephenhene	Acephenylene	
Contact	2.1	220	180	28,000	910	85,000	17	740	81	270	490	53	870	110	820	5.7	260	110	140	260	NE	150	180	NE	1,800	335	4,500	NE	38	5,000	NE
Contact	6.3	220	180	100,000	910	100,000	51	740	250	270	3,200	170	870	170	820	19	260	110	140	260	NE	150	180	NE	16,000	3,010	41,000	NE	110	45,000	NE
Contact	35	220	180	28,000	910	100,000	1,800	740	480	270	3,500	3100	870	170	820	95	260	110	140	260	NE	150	180	NE	34,000	6,740	87,000	NE	6,000	100,000	NE
03/16/2011	<0.0042	3.12	0.0994	<0.0208	<0.0042	<0.0035	38.4	<0.0083	3.88	0.0382	<0.0166	64.4	<0.0042	0.102	<0.0042	0.443	0.018	<0.0042	0.0203	0.0075	0.0119	<0.0042	BRL	<18.9	4.06	<3.9	<7.79	<7.79	<3.9	<3.9	
03/16/2011	<0.004	0.0264	<0.004	<0.0199	<0.004	<0.0797	7.35	<0.008	0.0794	0.0147	<0.0159	38.5	<0.004	0.0046	<0.004	0.0262	0.005	<0.004	0.0084	<0.004	0.0043	<0.004	BRL	<1.71	3.14	<0.352	<0.704	<0.704	<0.352	<0.352	
03/16/2011	<0.0035	<0.0035	<0.0035	<0.0173	<0.0035	<0.0692	<0.0035	<0.0069	<0.0035	<0.0035	<0.0138	<0.0035	<0.0035	<0.0035	<0.0035	<0.0069	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	BRL	<1.79	<0.37	<0.739	<0.739	<0.37	<0.37	<0.37	
03/14/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.83	<0.377	<0.755	<0.755	<0.377	<0.377	<0.377	
03/17/2011	<0.0036	<0.0036	<0.0036	<0.018	<0.0036	<0.0721	<0.0036	<0.0072	<0.0036	<0.0036	<0.0144	<0.0036	<0.0036	<0.0036	<0.0036	<0.0072	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	BRL	<1.88	<0.388	<0.775	<0.775	<0.388	<0.388	<0.388	
03/16/2011	<0.0041	<0.0041	<0.0041	<0.0204	<0.0041	<0.0815	<0.0041	<0.0081	<0.0041	<0.0041	<0.0163	<0.0041	<0.0041	<0.0041	<0.0041	<0.0081	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	BRL	<1.76	<0.364	<0.727	<0.727	<0.364	<0.364	<0.364	
03/14/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.11	<0.435	<0.869	<0.869	<0.435	<0.435	<0.435	
03/17/2011	<0.0032	<0.0032	<0.0032	<0.0633	<0.0032	<0.0633	<0.0032	<0.0063	<0.0032	<0.0032	<0.0127	<0.0032	<0.0032	<0.0032	<0.0032	<0.0063	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	BRL	<2.04	<0.421	<0.842	<0.842	<0.421	<0.421	<0.421	
03/17/2011	<0.0054	<0.0054	<0.0054	<0.108	<0.0054	<0.108	<0.0054	<0.108	<0.0054	<0.0054	<0.0217	0.0122	<0.0054	<0.0054	<0.0054	<0.108	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	BRL	<2.04	<0.421	<0.842	<0.842	<0.421	<0.421	<0.421	
03/17/2011	<0.0045	<0.0045	<0.0045	<0.0898	<0.0045	<0.0898	<0.0045	<0.0045	<0.0045	<0.0045	<0.018	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	BRL	<1.75	<0.362	<0.723	<0.723	<0.362	<0.362	<0.362	
03/17/2011	<0.0031	<0.0031	<0.0031	<0.0157	<0.0031	<0.0627	0.0041	<0.0063	<0.0031	<0.0031	<0.0125	<0.0031	<0.0031	<0.0031	<0.0031	<0.0063	<0.0031	<0.0031	<0.0031	<0.0031	<0.0031	<0.0031	BRL	<2.22	2.62	<4.57	<9.14	<9.14	30.5	83.5	
03/15/2011	<0.0062	2.54	1.11	<0.031	<0.0062	<0.124	2.54	<0.0124	0.191	0.0539	<0.0248	550	<0.0062	0.518	<0.0062	4.63	0.0188	<0.0062	0.03	0.007	0.0271	<0.0062	BRL	<2.22	2.62	<4.57	<9.14	<9.14	30.5	83.5	
03/15/2011	<0.234	0.547	0.419	<1.17	<0.234	<4.69	1.02	<0.469	0.243	0.36	<0.938	83	<0.234	<0.234	<0.234	0.799	<0.234	<0.234	0.262	<0.234	0.212	<0.234	BRL	<1.98	29.5	<0.408	<0.817	<0.817	3.02	13.1	
03/15/2011	<0.0034	<0.0034	<0.0034	<0.0673	<0.0034	<0.0673	<0.0034	<0.0067	<0.0034	<0.0034	<0.0135	<0.0034	<0.0034	<0.0034	<0.0034	<0.0067	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	BRL	<1.75	<0.361	<0.722	<0.722	<0.361	<0.361	<0.361	
03/15/2011	<0.993	14.7	8.52	<4.96	<0.993	<19.9	0.646	<1.99	3.01	<0.993	<3.97	1.040	<0.993	<0.993	<0.993	19.3	1.2	<0.993	<0.993	<0.993	<0.993	<0.993	BRL	<5.4	7.88	<1.11	<2.23	<2.23	12.1	57.8	
03/15/2011	<0.0034	<0.0034	<0.0034	<0.071	<0.0034	<0.0684	<0.0034	<0.0068	<0.0034	<0.0034	<0.0137	0.0372	<0.0034	<0.0034	<0.0034	<0.0068	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	BRL	<1.79	<0.37	<0.739	<0.739	<0.37	<0.37	<0.37	
03/16/2011	<0.204	3.87	1.43	<1.02	<0.204	<4.09	1.67	<0.409	3.64	1.26	<0.818	2.180	<0.204	<0.204	<0.204	21	<0.204	<0.204	0.262	<0.204	0.212	<0.204	BRL	<2.34	25.7	<0.483	<0.965	<0.965	47.4	8	
03/16/2011	<0.0033	<0.0033	<0.0033	<0.0166	<0.0033	<0.0666	<0.0033	<0.0067	<0.0033	<0.0033	<0.0133	<0.0033	<0.0033	<0.0033	<0.0033	<0.0067	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	BRL	<1.75	<0.361	<0.722	<0.722	<0.361	<0.361	<0.361	
03/16/2011	<0.109	31	0.806	<0.543	0.688	<2.17	4.74	<0.217	13	1.72	<0.434	784	<0.109	<0.109	<0.109	14.8	1.42	<0.109	0.659	0.641	0.298	<0.109	BRL	<2.04	16.1	<0.421	<0.843	<0.843	0.529	<0.421	
03/16/2011	<0.0039	<0.0039	<0.0039	<0.0195	<0.0039	<0.0778	<0.0039	<0.0078	<0.0039	<0.0039	<0.0156	0.0166	<0.0039	<0.0039	<0.0039	<0.0078	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	BRL	<1.73	<0.357	<0.713	<0.713	<0.357	<0.357	<0.357	
10/25/2010	<0.205	3.7	2.64	<1.03	<0.205	<4.1	36.6	<0.41	1.49	4.81	<0.82	260	<0.205	<0.205	<0.205	3.17	0.399	<0.205	<0.205	0.392	4.94	<0.205	BRL	<19.1	25.4	<3.94	<7.87	<7.87	6.2	13.4	
10/25/2010	<0.0041	<0.0041	<0.0041	<0.0207	<0.0041	<0.0828	<0.0041	<0.0083	<0.0041	<0.0041	<0.0166	<0.0041	<0.0041	<0.0041	<0.0041	<0.0083	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	BRL	<1.78	<0.368	<0.735	<0.735	<0.368	<0.368	<0.368	
10/25/2010	<0.0038	<0.0038	<0.0038	<0.019	<0.0038	<0.0759	<0.0038	<0.0076	<0.0038	<0.0038	<0.0152	<0.0038	<0.0038	<0.0038	<0.0038	<0.0076	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	BRL	<1.76	<0.364	<0.728	<0.728	<0.364	<0.364	<0.364	
02/16/2011	<0.625	11	5.18	<3.13	<0.625	<12.5	7.36	<1.25	5.32	<0.625	<2.5	137	<0.625	<0.625	<0.625	13.3	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	BRL	<2.33	13.2	<0.481	<0.962	<0.962	30	44.81	
02/16/2011	<0.0909	0.618	0.332	<0.454	<0.0909	<1.82	0.222	<0.182	0.126	<0.0909	<0.364	145	<0.0909	<0.0909	<0.0909	1.69	<0.0909	<0.0909	<0.0909	<0.0909	<0.0909	<0.0909	BRL	<1.82	1.76	<0.371	<0.742	<0.742	<0.371	1.29	
02/16/2011	<0.103	<0.103	<0.103	<0.514	<0.103	<2.05	<0.103	<0.205	<0.103	<0.103	<0.411	3.01	<0.103	<0.103	<0.103	<0.205	<0.103	<0.103	<0.103	<0.103	<0.103	<0.103	BRL	<1.82	<0.375	<0.751	<0.751	<0.375	<0.375	<0.375	
10/26/2010	<0.0048	<0.0048	<0.0048	<0.0239	<0.0048	<0.0956	0.0105	<0.0096	<0.0048	<0.0048	<0.0191	<0.0048	<0.0048	<0.0048	<0.0048	<0.0096	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	BRL	<1.75	1.41	<0.36	<0.72	<0.72	0.544	5.45	
10/26/2010	<0.0048	<0.0048	<0.0048	<0.0241	<0.0048	<0.0964	<0.0048	<0.0096	<0.0048	<0.0048	<0.0193	<0.0048	<0.0048	<0.0048	<0.0048	<0.0096	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	BRL	<1.87	<0.385	<0.77	<0.77	<0.385	<0.385	<0.385	
10/26/2010	<0.0048	<0.0048	<0.0048	<0.024	<0.0048	<0.096	<0.0048	<0.0096	<0.0048	<0.0048	<0.0192	<0.0048	<0.0048	<0.0048	<0.0048	<0.0096	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	BRL	<1.9	<0.391	<0.782	<0.782	<0.391	<0.391	<0.391	
10/25/2010	<0.0035	<0.0035	<0.0035	<0.0175	<0.0035	<0.0702	<0.0035	<0.007	<0.0035	<0.0035	<0.014	<0.0035	<0.0035	<0.0035	<0.0035	<0.007	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	BRL	<1.78	<0.367	<0.734	<0.734	<0.367	<0.367	<0.367	
10/25/2010	<0.0042	<0.0042	<0.0042	<0.0211	<0.0042	<0.0845	<0.0042	<0.0084	<0.0042	<0.0042	<0.0169	<0.0042	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	<0.0042	<0.0042	<0.00											

Depth (ft bg)	Depth (ft bg)	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Mercury	Extended Range Or	Gasoline Range Or	PCB-1248 (Aroclor)	PCB-1254 (Aroclor)	PCB-1260 (Aroclor)	Nitrogen, Ammonia	Nitrogen, Nitrate	Nitrogen, Nitrite	Phenolics, Total Recoverable
			100,000	43	9.5	21,000	220	NE	NE	4,300	77,000	400	2,500	2,100	550	550	66,000	1.1	66,000	550	32,000	3.1	NE	NE	9.5	9.7	9.9	NE	100,000	11,000	NE
			100,000	470	30	100,000	2,300	NE	NE	47,000	100,000	800	26,000	22,000	5,800	5,800	100,000	12	100,000	5,800	100,000	3.1	NE	NE	9.5	9.7	9.9	NE	100,000	100,000	NE
			100,000	790	920	100,000	3,800	NE	NE	79,000	100,000	1,000	46,000	38,000	9,800	9,800	100,000	20	100,000	9,900	100,000	3.1	NE	NE	560	33	570	NE	100,000	100,000	NE
2	4	03/16/2011	10,300	<0.58	7.8	94.2	NA	0.27	17	41.2	22,700	78.3	288	17.3	1.3	<0.58	31.3	0.24	4.3	27.8	73.5	<0.42	835	117	<0.0413	<0.0413	<0.0413	178	<5.9	<5.9	5
8	10	03/16/2011	3,230	<0.43	7.7	16.3	NA	0.12	8.9	13.8	11,200	7.1	708	31.7	0.78	<0.43	159	NA	0.87	12	29.3	<0.38	209	51.9	<0.0373	<0.0373	<0.0373	31.2	<5.3	<5.3	<1.1
16	18	03/16/2011	8,140	<0.51	7	49	NA	0.22	12.5	18.3	17,700	10.5	424	21.5	1	<0.51	86.1	NA	<1	18.1	58.8	<0.37	20.2	<0.69	<0.0392	<0.0392	<0.0392	26.1	<5.6	<5.6	<1.1
8	9.5	03/14/2011	4,650	<0.43	5.1	34.4	NA	0.19	9	9.2	10,400	7.1	338	10.8	0.57	<0.43	61	0.14	1.8	16.5	31.4	<0.37	<11.4	NA	<0.04	<0.04	<0.04	14.2	<5.7	<5.7	3.3
8	9.5	03/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.67	NA	NA	NA	NA	NA	NA	NA
12	14	03/16/2011	4,900	<0.49	6.4	28.1	NA	0.12	8.6	27.7	12,900	5.7	404	13.1	0.78	<0.49	91.2	0.14	<0.97	13.3	42	<0.41	<11.7	<0.76	<0.0411	<0.0411	<0.0411	13	<5.9	<5.9	<1.2
18	20	03/14/2011	8,270	<0.43	7.2	64.3	NA	0.12	12	12.7	14,000	8.4	386	14.5	0.82	<0.43	107	0.18	1.4	17	41.4	<0.39	11.9	NA	<0.0386	<0.0386	<0.0386	11.7	<5.5	<5.5	3.5
18	20	03/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.67	NA	<0.67	NA	NA	NA	NA	NA	NA	NA
6	8	03/17/2011	19,900	<0.5	29.7	224	NA	0.11	32.2	51.7	60,400	21.6	219	23.5	1.8	<0.5	24	0.25	1.2	58.9	95.7	<0.47	43.7	<1.1	<0.0461	<0.0461	<0.0461	352	<6.6	<6.6	9.9
10	12	03/17/2011	14,200	<0.47	13.4	113	NA	0.7	26.7	28.3	43,400	16.2	259	24.2	1.6	<0.47	25.8	0.15	<0.94	46.7	90.6	<0.43	68.5	<0.85	<0.0446	<0.0446	<0.0446	154	<6.4	<6.4	<1.3
18	20	03/17/2011	4,900	<0.54	4.2	35.2	NA	0.15	8.4	13.6	14,200	6.3	366	12.7	0.83	<0.54	91.2	0.36	<1.1	12.6	39.2	<0.35	43	<0.67	<0.0384	<0.0384	<0.0384	<5.5	<5.5	<5.5	1.8
6	8	03/15/2011	15,500	<0.56	12.6	145	NA	<0.09	42.4	59.5	34,100	18.4	63.7	8.6	1.2	1	17.9	0.23	2	55.3	60.9	<0.48	9,540	10.7	<0.0485	<0.0485	<0.0485	470	<6.9	<6.9	4.1
12	14	03/15/2011	27,600	<0.55	4.6	56.2	NA	0.68	26.5	16.5	29,400	10.7	390	96.8	3.3	<0.55	20	0.23	1.7	107	80.9	<0.43	941	1.3	<0.0433	<0.0433	<0.0433	222	<6.2	<6.2	2.2
18	20	03/15/2011	4,680	<0.5	3.4	21.4	NA	0.49	8.7	12.3	14,500	8.1	420	12.8	0.72	<0.5	89.2	0.17	1.3	13.3	204	<0.34	37.1	<0.67	<0.0382	<0.0382	<0.0382	8	<5.5	<5.5	1.9
6	8	03/15/2011	16,000	<0.63	12.1	117	NA	1.1	20.9	49.7	19,300	38.9	265	19	2.9	<0.63	65.7	0.43	3.8	34.8	129	2.2	5,290	115	<0.0591	<0.0591	<0.0591	344	<8.4	<8.4	30.1
16	18	03/15/2011	4,720	<0.39	28.2	45.4	NA	0.25	14.4	9.2	35,800	5.7	844	18.1	0.46	<0.39	70.4	0.35	1	16	35.7	<0.4	30.2	<0.68	<0.0392	<0.0392	<0.0392	<5.6	<5.6	<5.6	6.5
8	10	03/16/2011	18,300	<0.61	6.9	145	NA	0.87	23.5	36.3	24,200	24.5	249	20.7	2.7	<0.61	32.5	0.27	1.5	40	124	<0.49	1,370	182	<0.0512	<0.0512	<0.0512	102	<7.3	<7.3	14.2
19	20	03/16/2011	4,070	0.53	12.3	19.3	NA	0.16	7.6	33.8	33,400	11.8	378	21	5.2	<0.45	99.1	0.34	<0.9	12.6	44.7	<0.39	16.4	<0.7	<0.0383	<0.0383	<0.0383	<5.5	<5.5	<5.5	<1.1
6	8	03/16/2011	21,300	<0.51	18.7	153	NA	0.26	29.3	25.3	63,600	19.5	336	25.4	1.4	<0.51	19.8	0.21	1.9	54.2	83.7	<0.43	415	245	<0.0447	<0.0447	<0.0447	691	<6.4	<6.4	2.3
24	25	03/16/2011	9,200	<0.45	28.1	54.2	NA	0.19	13.3	20.1	19,200	11	386	24.8	1.1	<0.45	87.4	0.28	<0.9	19.4	71.7	<0.36	35.5	<0.85	<0.0378	<0.0378	<0.0378	<5.4	<5.4	<5.4	<1.1
8	10	10/25/2010	4,650	0.55	7.9	41.9	NA	0.21	12.6	28.9	25,800	34.4	326	20.4	0.9	<0.45	46	0.19	4.2	16.7	53	0.39	3,400	158	<0.0417	<0.0417	<0.0417	158	<6	<6	<1.7
18	20	10/25/2010	8,300	<0.38	2.3	63.2	NA	0.11	10.2	15.1	16,200	9.1	437	16.6	<0.38	<0.38	90.6	0.21	0.83	17.2	44.2	<0.36	18.9	<0.84	<0.039	<0.039	<0.039	16	<5.6	<5.6	<1.8
24	25	10/25/2010	9,240	<0.49	8.8	70.6	NA	0.09	13.1	15.7	23,100	9.4	363	22.6	<0.49	<0.49	109	0.3	1.1	19.4	56.4	<0.37	97.1	<0.9	<0.0386	<0.0386	<0.0386	<5.5	<5.5	<5.5	<1.7
6	8	02/16/2011	8,930	1.3	31.3	87.5	NA	1.1	18.1	56.6	13,300	56.6	247	19.1	3.5	<0.65	194	0.5	9.5	25.9	64.9	5.2	9,450	5.1	<0.255	<0.255	<0.255	160	<7.3	<7.3	3.7
14	14	02/16/2011	6,880	<0.42	7.8	40.2	NA	0.2	10.6	15	14,100	8.2	217	15.8	0.84	<0.42	43	0.21	3.8	17.7	43.4	0.022	395	<0.71	<0.0393	<0.0393	<0.0393	18.2	<5.6	<5.6	<1.1
18	20	02/16/2011	9,460	<0.54	5.7	42.3	NA	0.2	16.5	19.6	21,800	9.8	371	24.7	1	<0.54	90.5	0.3	1.2	23.4	58.1	<0.021	23.6	<0.8	<0.0398	<0.0398	<0.0398	<5.7	<5.7	<5.7	<1.1
2	4	10/26/2010	4,950	1.4	8.1	2,580	NA	0.41	18.7	83.5	16,200	187	309	18.1	0.74	<0.41	136	0.19	15.8	19.1	237	0.45	622	<0.91	0.749	<0.191	<0.191	<5.5	<5.5	<5.5	<1.8
8	10	10/26/2010	2,280	<0.55	4	30.2	NA	0.17	8.6	17.1	9,070	13.8	310	13	<0.55	<0.55	83.4	<0.17	3.1	12.3	116	<0.4	60.5	<0.87	<0.0408	<0.0408	<0.0408	<5.8	<5.8	<5.8	<1.8
16	18	10/26/2010	8,050	<0.56	1.8	81.3	NA	<0.089	16.2	18.3	13,600	18.9	294	15.7	<0.56	<0.56	24.8	0.19	4.6	22.2	110	<0.41	109	<1.1	<0.0415	0.122	<0.0415	<5.9	<5.9	<5.9	<1.9
8	10	10/25/2010	7,870	<0.48	6.8	72.7	NA	0.47	11.4	19	20,200	27.1	435	19.4	<0.48	<0.48	125	0.34	2.5	17	211	<0.36	83.7	<0.76	<0.0389	<0.0389	<0.0389	<5.6	<5.6	<5.6	<1.5
18	20	10/25/2010	11,800	<0.4	9.1	80	NA	0.11	12.3	16.5	21,100	10.5	514	21.4	<0.4	<0.4	96.5	0.29	1	18.8	61.4	<0.34	14.1	<0.8	<0.0391	<0.0391	<0.0391	7.5	<5.6	<5.6	<1.7
2	4	02/14/2011	993	5	38.3	37.5	NA	0.22	23.7	49.1	76,400	135	149	13.5	1.4	<0.65	48.1	0.15	28.9	13.1	29.2	0.97	NA	NA	NA	NA	NA	NA	NA	NA	NA
8	10	02/14/2011	5,430	<0.61	20.1	109	NA	<0.097	15.5	15.8	25,500	25	431	5.9	1.3	<0.61	17.8	0.24	3	17.6	28.9	0.58	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	4	02/14/2011	16,600	<0.54	11.4	119	NA	0.48	33.6	41.6	22,900	38.7	453	31.9	1.4	<0.54	49.9	0.34	2	46.1	219	0.049	NA	NA	NA	NA	NA	NA	NA	NA	NA
8	10	02/14/2011	15,000	<0.5	9.9	125	NA	0.16	20.5	20.8	22,700	37.5	492	16.5	1.5	<0.5	57.8	0.27	2.3	38.5	65.5	0.17	NA	NA	NA	NA	NA	NA	NA	NA	NA
4	6	01/31/2012	2,130	<0.45	3.6	10.6	NA	0.094	5.6	7.8	6,860	4.5	270	7.2	<0.45	<0.45	85.5	0.15	<1.8	7.5	24.7	<0.2	16.6	<0.71	<0.0371	<0.0371	<0.0371	<5.3	<5.3	<5.3	1.2
2	24	01/31/2012	6,760	<0.44	3.9	44	NA	0.23	11.7	16.4	15,400	9.4	359	17.5	<0.44	<0.44	85.8	0.36	<1.7	18.1	47.7	<0.21	<11.4	<0.76	<0.04	<0.04	<0.04	<5.7	<5.7	<5.7	1.7
6	8	02/02/2012	10,000	<0.49	15.5	85.7	NA	0.45	15.2	17.8	20,900	11.4	188	18.2	3.6	<0.49	85.3	0.3	<1.9	28											

Sample Date	1,1,2-Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone (MEK)	2-Chlorotoluene	Acetone	Benzene	Carbon disulfide	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Xylene (Total)	n-Butylbenzene	n-Hexane	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	All Remaining VOCs	2,4-Dimethylphenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Chloroaniline	Acenaphthene	Acephenylene
Contact	2.1	220	180	28,000	910	85,000	17	740	81	270	490	53	870	110	820	5.7	260	110	140	260	NE	150	180	NE	1,800	335	4,500	NE	5,000	NE
Contact	6.3	220	180	28,000	910	100,000	51	740	250	270	3,200	170	870	170	820	19	260	110	140	260	NE	150	180	NE	16,000	3,010	41,000	NE	45,000	NE
Contact	35	220	180	28,000	910	100,000	1,800	740	480	270	3,500	3,100	870	170	820	95	260	110	140	260	NE	150	180	NE	34,000	6,740	87,000	NE	100,000	NE
03/01/2012	<0.0054	<0.0054	<0.0054	<0.109	<0.0054	<0.0109	<0.0054	<0.0109	<0.0054	<0.0054	<0.0217	0.0832	<0.0054	<0.0054	<0.0054	<0.0054	<0.0109	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	BRL	<1.84	1.21	<0.379	<0.758	0.487	1.82
03/01/2012	<0.0042	<0.0042	<0.0042	<0.0832	<0.0042	<0.0083	<0.0042	<0.0083	<0.0042	<0.0042	<0.0166	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0083	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	BRL	<1.92	<0.396	<0.793	<0.396	<0.396	<0.396
03/01/2012	<0.0037	<0.0037	<0.0037	<0.0749	<0.0037	<0.0075	<0.0037	<0.0075	<0.0037	<0.0037	<0.015	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0075	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	BRL	<1.75	<0.36	<0.721	<0.721	<0.36	<0.36
11/26/2012	<0.0043	<0.0043	<0.0043	<0.086	<0.0043	<0.0086	<0.0043	<0.0086	<0.0043	<0.0043	<0.0172	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0086	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	BRL	<1.71	<0.353	<0.706	<0.706	<0.353	<0.353
11/26/2012	<0.0039	<0.0039	<0.0039	<0.0777	<0.0039	<0.0078	<0.0039	<0.0078	<0.0039	<0.0039	<0.0155	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0078	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	BRL	<1.76	<0.363	<0.726	<0.726	<0.363	<0.363
11/26/2012	<0.004	<0.004	<0.004	<0.0792	<0.004	<0.0079	<0.004	<0.0079	<0.004	<0.004	<0.0158	<0.004	<0.004	<0.004	<0.004	<0.004	<0.0079	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	BRL	<1.73	<0.357	<0.715	<0.715	<0.357	<0.357
11/26/2012	<0.0033	<0.0033	<0.0033	<0.0661	<0.0033	<0.0066	<0.0033	<0.0066	<0.0033	<0.0033	<0.0132	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0066	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	<0.0033	BRL	<1.77	<0.366	<0.731	<0.731	<0.366	<0.366
11/26/2012	<0.0037	<0.0037	<0.0037	<0.0746	<0.0037	<0.0075	<0.0037	<0.0075	<0.0037	<0.0037	<0.0149	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0075	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	BRL	<1.74	<0.359	<0.718	<0.718	<0.359	<0.359
11/26/2012	<0.0039	<0.0039	<0.0039	<0.0776	<0.0039	<0.0078	<0.0039	<0.0078	<0.0039	<0.0039	<0.0155	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0078	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	BRL	<1.74	<0.359	<0.718	<0.718	<0.359	<0.359
11/26/2012	<0.0038	<0.0038	<0.0038	<0.076	<0.0038	<0.0076	<0.0038	<0.0076	<0.0038	<0.0038	<0.0152	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0076	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	BRL	<1.78	<0.366	<0.733	<0.733	<0.366	<0.366
11/26/2012	<0.0052	<0.0052	<0.0052	0.149	0.0972	<0.0104	<0.0052	<0.0104	<0.0052	0.0119	<0.0208	<0.0052	<0.0052	0.0067	0.0067	<0.0052	<0.0104	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	BRL	<2.15	<0.443	<0.887	<0.887	<0.443	<0.443
11/26/2012	<0.0037	<0.0037	<0.0037	<0.0737	<0.0037	<0.0074	<0.0037	<0.0074	<0.0037	<0.0037	<0.0147	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0074	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	<0.0037	BRL	<1.8	<0.372	<0.744	<0.744	<0.372	<0.372
11/26/2012	<0.0036	<0.0036	<0.0036	<0.0713	<0.0036	<0.0071	<0.0036	<0.0071	<0.0036	<0.0036	<0.0143	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0071	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	BRL	<1.78	<0.368	<0.736	<0.736	<0.368	<0.368
03/21/2013	<0.0041	0.0099	<0.0036	<0.0813	<0.0041	<0.0081	<0.0041	<0.0081	<0.0041	<0.0041	<0.0163	0.31	<0.0041	<0.0041	<0.0041	<0.0041	<0.0081	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	BRL	<1.79	0.412	<0.737	<0.737	<0.369	0.416
03/21/2013	<0.0036	<0.0036	<0.0036	<0.0718	<0.0036	<0.0072	<0.0036	<0.0072	<0.0036	<0.0036	<0.0144	0.007	<0.0036	<0.0036	<0.0036	<0.0036	<0.0072	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	BRL	<1.76	<0.364	<0.727	<0.727	<0.364	<0.364
03/21/2013	<0.0038	<0.0038	<0.0038	<0.0769	<0.0038	<0.0077	<0.0038	<0.0077	<0.0038	<0.0038	<0.0154	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0077	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	<0.0038	BRL	<1.76	<0.363	<0.727	<0.727	<0.363	<0.363
03/21/2013	<4.77	<4.77	<4.77	<95.4	<4.77	<9.54	<4.77	<9.54	<4.77	<4.77	<19.1	226	<4.77	<4.77	<4.77	<4.77	<9.54	<4.77	<4.77	<4.77	<4.77	<4.77	<4.77	BRL	<2.06	1.36	<0.425	<0.85	<0.425	0.462
05/29/2013	<0.0036	<0.0036	<0.0036	<0.0722	<0.0036	<0.0072	<0.0036	<0.0072	<0.0036	<0.0036	<0.0144	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0072	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	BRL	<1.68	<0.347	<0.693	<0.693	<0.347	<0.347
05/29/2013	<0.0036	<0.0036	<0.0036	<0.0726	<0.0036	<0.0073	<0.0036	<0.0073	<0.0036	<0.0036	<0.0145	1.170	<0.0036	<0.0036	<0.0036	<0.0036	<0.0073	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	BRL	<1.8	<0.378	<0.78	<0.78	3.48	15.7
05/29/2013	<0.004	<0.004	<0.004	<0.0797	<0.004	<0.008	<0.004	<0.008	<0.004	<0.004	<0.0159	<0.004	<0.004	<0.004	<0.004	<0.004	<0.008	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	BRL	<2.16	<0.446	<0.892	<0.892	1.28	1.3
05/29/2013	<0.0048	<0.0048	<0.0048	<0.0956	<0.0048	<0.0096	<0.0048	<0.0096	<0.0048	<0.0048	<0.0191	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0096	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	BRL	<1.74	<0.358	<0.717	<0.717	<0.358	<0.358
05/29/2013	<0.004	<0.004	<0.004	<0.0805	<0.004	<0.0081	<0.004	<0.0081	<0.004	<0.004	<0.0161	<0.004	<0.004	<0.004	<0.004	<0.004	<0.0081	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	BRL	<2.01	<0.414	<0.829	<0.829	<0.414	<0.414
05/29/2013	<0.0056	<0.0056	<0.0056	<0.111	<0.0056	<0.0111	<0.0056	<0.0111	<0.0056	<0.0056	<0.0222	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0111	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	BRL	<1.73	<0.357	<0.713	<0.713	<0.357	<0.357
05/29/2013	<0.0035	<0.0035	<0.0035	<0.0702	<0.0035	<0.007	<0.0035	<0.007	<0.0035	<0.0035	<0.014	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.007	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	BRL	<1.72	<0.355	<0.711	<0.711	<0.355	<0.355
05/29/2013	<0.0045	<0.0045	<0.0045	<0.0901	<0.0045	<0.009	<0.0045	<0.009	<0.0045	<0.0045	<0.018	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.009	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	BRL	<1.97	<0.407	<0.815	<0.815	<0.407	<0.407
05/29/2013	<0.0041	<0.0041	<0.0041	<0.0821	<0.0041	<0.0082	<0.0041	<0.0082	<0.0041	<0.0041	<0.0164	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0082	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	BRL	<1.75	<0.36	<0.72	<0.72	<0.36	<0.36
05/29/2013	<0.0082	<0.0082	<0.0082	<0.164	<0.0082	<0.0164	<0.0082	<0.0164	<0.0082	<0.0082	<0.0329	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0164	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	BRL	<2.04	<0.421	<0.843	<0.843	<0.421	<0.421
05/29/2013	<0.0041	<0.0041	<0.0041	<0.0813	<0.0041	<0.0081	<0.0041	<0.0081	<0.0041	<0.0041	<0.0163	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0081	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	BRL	<1.72	<0.355	<0.709	<0.709	<0.355	<0.355
05/29/2013	<0.0045	<0.0045	<0.0045	<0.0903	<0.0045	<0.009	<0.0045	<0.009	<0.0045	<0.0045	<0.0181	0.0168	<0.0045	<0.0045	<0.0045	<0.0045	<0.													

Sample Date	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene (n)	Di-n-butylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Isophorone	N-Nitrosodiphenylamine	Naphthalene	Phenanthrene	Phenol	Pyrene	bis(2-Ethylhexyl)phthalate	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene (n)	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene (n)	Dibenz(a,h)anthracene	Fluoranthene	
act	NA	2,100	12,000	1,600	8,800	1.6	1,000	3,400	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	3,400	5,000	NE	25,000	16	1,600	160	NE	160	1,600	3,400		
act	NA	2,100	12,000	21,000	82,000	21	1,000	30,000	30,000	210	24,000	4,700	170	NE	100,000	23,000	1,600	NE	3,000	45,000	NE	100,000	210	21	210	NE	21,000	21,000	21	30,000	
act	NA	100,000	100,000	100,000	68,000	1,200	1,900	68,000	68,000	12,000	100,000	100,000	3,100	NE	100,000	51,000	34,000	NE	6,800	100,000	NE	100,000	12,000	500	12,000	NE	100,000	100,000	1,200	68,000	
03/01/2012	3.02	51	<0.379	5.98	<0.379	1.66	1.75	16.9	3.61	2.85	<0.379	<0.379	2.17	18.5	<0.379	6.8	<0.379	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
03/01/2012	0.506	0.455	<0.396	0.823	<0.396	<0.396	1.86	<0.396	<0.396	<0.396	<0.396	<0.396	<0.396	2.15	<0.396	2.16	<0.396	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
03/01/2012	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/26/2012	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	<0.353	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/26/2012	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/26/2012	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/26/2012	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/26/2012	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/26/2012	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	<0.359	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/26/2012	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/26/2012	<0.443	<0.443	<0.443	<0.443	<0.443	<0.443	<0.443	<0.443	<0.443	<0.443	<0.443	<0.443	<0.443	<0.443	<0.443	<0.443	<0.443	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/26/2012	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	<0.372	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11/26/2012	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	<0.368	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
03/21/2013	1.1	1.1	<0.369	1.36	<0.369	0.383	<0.369	2.45	<0.369	0.999	<0.369	<0.369	1.68	1.59	<0.369	1.66	<0.369	NA	0.445	0.0393	0.452	0.573	1.3	1.19	1.31	0.89	1.17	1.38	0.494	1.87	0.271
03/21/2013	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	<0.364	NA	0.0145	<0.0055	0.0066	<0.0055	<0.0055	0.0085	0.0063	0.0104	0.0063	0.007	<0.0055	0.0076	
03/21/2013	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	<0.363	NA	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	
03/21/2013	1.49	2.69	<0.425	3.13	<0.425	0.786	0.46	5.44	0.532	1.42	<0.425	<0.425	9.09	3.63	<0.425	4.44	<0.425	NA	0.86	0.252	1.68	4.19	7.55	5.4	5.32	3.06	5.41	7.44	1.89	15.5	2.44
05/29/2013	<0.347	<0.347	<0.347	<0.347	<0.347	<0.179	<0.347	<0.347	<0.347	<0.347	<0.347	<0.347	1.66	0.494	<0.347	<0.347	NA	NA	0.0461	0.1119	0.0395	0.177	0.139	0.0944	0.092	0.0496	0.0902	0.141	0.0188	0.413	
05/29/2013	3.46	3.27	<1.89	9.48	<1.89	1.16	14.5	28.3	19.2	3.38	<1.89	<1.89	565	65.9	<1.89	19.9	NA	NA	65.8	3.94	26.2	24.1	14.9	10.6	9.43	5.04	10.2	14.5	2	50.8	36.5
05/29/2013	<0.446	<0.446	<0.446	<0.446	<0.446	<0.23	<0.446	2.68	3.72	<0.446	<0.446	<0.446	<0.446	<0.446	<0.446	3.03	<0.446	NA	0.18	1.27	1.29	0.894	1.37	0.962	0.884	0.501	0.825	1.26	0.161	3.69	
05/29/2013	<0.356	<0.356	<0.356	<0.356	<0.356	<0.183	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	NA	NA	<0.0054	<0.0054	0.0081	0.0063	0.0161	0.0115	0.0066	0.0099	0.0206	0.0054	0.0447	0.0066	
05/29/2013	<0.358	<0.358	<0.358	<0.358	<0.358	<0.185	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	NA	NA	<0.0054	<0.0054	<0.0054	<0.0054	0.0074	0.0063	0.0066	<0.0054	0.0058	0.0108	<0.0054	0.0152	
05/29/2013	<0.414	<0.414	<0.414	<0.414	<0.414	<0.213	<0.414	<0.414	<0.414	<0.414	<0.414	<0.414	<0.414	<0.414	<0.414	<0.414	NA	NA	<0.0063	<0.0063	<0.0063	<0.0063	0.0151	0.0114	0.0066	0.0069	0.0115	0.0158	<0.0063	0.0258	
05/29/2013	<0.357	<0.357	<0.357	<0.357	<0.357	<0.184	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	NA	NA	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	
05/29/2013	<0.424	<0.424	<0.424	<0.424	<0.424	<0.219	<0.424	<0.424	<0.424	<0.424	<0.424	<0.424	<0.424	<0.424	<0.424	<0.424	NA	NA	<0.0064	<0.0064	<0.0064	<0.0064	0.0104	<0.0064	0.0121	<0.0064	0.0101	<0.0064	<0.0064	<0.0064	
05/29/2013	<0.355	<0.355	<0.355	<0.355	<0.355	<0.183	<0.355	<0.355	<0.355	<0.355	<0.355	<0.355	<0.355	<0.355	<0.355	<0.355	NA	NA	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	
05/29/2013	<0.407	<0.407	<0.407	<0.407	<0.407	<0.21	<0.407	<0.407	<0.407	<0.407	<0.407	<0.407	<0.407	<0.407	<0.407	<0.407	NA	NA	<0.0061	0.0134	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	
05/29/2013	<0.36	<0.36	<0.36	<0.36	<0.36	<0.185	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	NA	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	
05/29/2013	<0.421	<0.421	<0.421	<0.421	<0.421	<0.217	<0.421	<0.421	<0.421	<0.421	<0.421	<0.421	<0.421	<0.421	<0.421	<0.421	NA	NA	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	
05/29/2013	<0.355	<0.355	<0.355	<0.355	<0.355	<0.183	<0.355	<0.355	<0.355	<0.355	<0.355	<0.355	<0.355	<0.355	<0.355	<0.355	NA	NA	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	
05/29/2013	<0.406	<0.406	<0.406	0.467	<0.406	<0.209	<0.406	0.959	<0.406	<0.406	<0.406	<0.406	0.469	1.35	<0.406	0.75	NA	NA	0.145	0.0205	0.095	0.253	0.299	0.197	0.192	0.0992	0.193	0.302	0.0452	0.647	0.248
05/29/2013	<0.357	<0.357	<0.357	<0.357	<0.357	<0.184	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	<0.357	NA	NA	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	
05/29/2013	<0.416	<0.416	<0.416	<0.416	<0.416	<0.215	<0.416	<0.416	<0.416	<0.416	<0.416	<0.416	<0.416	<0.416	<0.416	<0.416	NA	NA	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	
05/29/2013	<0.357	<0.357	<0.357	<0.357	<0.357	<0.184	<0.357</																								

Depth (ft bg)	Depth (ft bg)	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Mercury	Extended Range Or	Gasoline Range Or	PCB-1248 (Aroclor)	PCB-1254 (Aroclor)	PCB-1260 (Aroclor)	Nitrogen, Ammonia	Nitrogen, Nitrate	Nitrogen, Nitrite	Phenolics, Total Recoverable	
Identical Direct Contact	Identical Direct Contact	100,000	43	9.5	21,000	220	NE	NE	NE	4,300	77,000	400	2,500	2,100	550	550	66,000	1.1	66,000	550	32,000	3.1	NE	NE	3.2	9.5	9.7	3.9	NE	100,000	11,000	NE
Identical Direct Contact	Identical Direct Contact	100,000	470	30	100,000	2,300	NE	NE	NE	47,000	100,000	800	26,000	22,000	5,800	5,800	100,000	12	100,000	5,800	100,000	3.1	NE	NE	9.5	9.7	3.9	NE	100,000	100,000	NE	
Extended Direct Contact	Extended Direct Contact	100,000	790	920	100,000	3,800	NE	NE	NE	79,000	100,000	1,000	46,000	35,000	9,800	9,800	100,000	20	100,000	9,900	100,000	3.1	NE	NE	560	33	570	NE	100,000	100,000	NE	
4	6	03/01/2012	5,130	0.76	7.9	61.6	NA	7.6	10.2	39.3	14,700	134	291	11.9	0.96	0.74	48.1	0.24	5.2	16.6	73.2	0.57	NA	NA	<0.0402	<0.0402	<0.0402	11.8	<5.7	<5.7	<1.1	
8	10	03/01/2012	6,310	<0.52	8.3	36.1	NA	0.4	11.5	16.2	15,700	11.6	351	17.1	<0.52	<0.52	48.5	0.26	<2.1	20.1	49.3	<0.24	NA	NA	<0.042	<0.042	<0.042	<6	<6	<6	<1.2	
15	16	03/01/2012	4,950	<0.51	10.2	18.4	NA	0.13	8.2	10.9	10,200	6.4	354	13.9	<0.51	<0.51	85	0.29	<2	12.9	34.4	<0.22	NA	NA	<0.0382	<0.0382	<0.0382	<5.5	<5.5	<5.5	<1	
10	12	11/26/2012	2,950	<1.9	4.1	15.3	NA	<1.9	6.6	12.2	6,820	3.8	256	6.9	<1.9	<1.9	70.5	<1.9	<1.9	8.7	26.2	<0.21	NA	NA	<0.107	<0.107	<0.107	<5.3	<5.3	<5.3	<1.1	
18	20	11/26/2012	7,380	<2.1	6.3	42.1	NA	<2.1	8.4	15	14,100	6.9	333	14.9	<2.1	<2.1	72.8	<2.1	<2.1	14.2	41.8	<0.23	NA	NA	<0.11	<0.11	<0.11	20.9	<5.5	<5.5	<1.1	
18	20	11/26/2012	6,630	<2	10.4	32.5	NA	<2	9.1	16	14,600	7.4	353	19.3	<2	<2	59.1	<2	<2	14.5	97	<0.22	NA	NA	<0.0379	<0.0379	<0.0379	6.4	<5.4	<5.4	<1.1	
8	10	11/26/2012	6,250	<1.9	7	31.1	NA	<1.9	9.7	15.5	10,200	6.1	248	15.1	<1.9	<1.9	66.8	<1.9	<1.9	17.6	36.3	<0.23	NA	NA	<0.111	<0.111	<0.111	<5.5	<5.5	<5.5	<1.1	
10	12	11/26/2012	4,450	<1.9	2.2	26.2	NA	<1.9	6.1	11.8	10,300	4.5	297	9	<1.9	<1.9	85.8	<1.9	<1.9	10.7	30.1	<0.23	NA	NA	<0.109	<0.109	<0.109	<5.4	<5.4	<5.4	<1.1	
18	20	11/26/2012	7,000	<2.1	4.5	44	NA	<2.1	8.3	13.7	12,800	6.2	288	13.1	<2.1	<2.1	79.9	<2.1	<2.1	13.7	35.3	<0.22	NA	NA	<0.109	<0.109	<0.109	<5.4	<5.4	<5.4	<1.1	
18	20	11/26/2012	6,860	<1.9	5.5	39.2	NA	<1.9	8.6	15.6	13,100	6.6	355	13.5	<1.9	<1.9	75.8	<1.9	<1.9	13	35.9	<0.24	NA	NA	<0.111	<0.111	<0.111	18.5	<5.6	<5.6	<1.1	
8	10	11/26/2012	9,620	<2.5	8.3	79.9	NA	<2.5	13.6	17.5	16,600	12.4	144	16.8	3.7	<2.5	17.5	<2.5	<2.5	24.2	74.5	<0.26	NA	NA	<0.134	<0.134	<0.134	52.2	<6.7	<6.7	<1.3	
22	24	11/26/2012	8,970	<2.1	4.5	35.1	NA	<2.1	12.3	16.2	15,700	7	283	18	<2.1	<2.1	72.2	<2.1	<2.1	20.1	45.9	<0.23	NA	NA	<0.113	<0.113	<0.113	<5.6	<5.6	<5.6	<1.1	
8	10	11/26/2012	2,790	<1.9	2	17.1	NA	<1.9	6	4.9	5,240	2.7	190	6.1	<1.9	<1.9	47.9	<1.9	<1.9	9.3	14.7	<0.21	NA	NA	<0.112	<0.112	<0.112	8.7	<5.6	<5.6	<1.1	
8	10	03/21/2013	4,430	<2.1	6.8	32.4	NA	<2.1	8.9	19.1	9,690	27.5	225	11.3	<2.1	<2.1	48.1	<2.1	3.1	13.1	41.7	<0.22	NA	NA	<0.112	<0.112	<0.112	<5.3	<5.6	<5.6	<1.1	
18	20	03/21/2013	7,040	<2.1	5.8	42.7	NA	<2.1	9	15.3	13,300	7.6	336	13.5	<2.1	<2.1	79.3	<2.1	<2.1	14.2	35.6	<0.23	NA	NA	<0.11	<0.11	<0.11	25.5	<5.5	<5.5	<1.1	
18	20	03/21/2013	7,470	<2.1	24.8	78.8	NA	<2.1	10	15.7	17,200	8	350	16.7	<2.1	<2.1	62.5	<2.1	<2.1	14.9	40.1	<0.22	NA	NA	<0.0385	<0.0385	<0.0385	17.6	<5.5	<5.5	<1.1	
8	10	03/21/2013	13,100	<2.4	6.6	116	NA	<2.4	17.7	20	24,900	25	194	24.5	<2.4	<2.4	19.1	<2.4	2.5	27.3	88.5	0.23	NA	NA	<0.129	<0.129	<0.129	22.7	<6.4	<6.4	<1.3	
18	20	05/29/2013	5,070	<2	3.6	20.7	NA	<2	8.9	12	9,480	4.3	315	10.4	<2	<2	71.5	<2	<2	13.3	29.3	<0.21	43.3	<0.87	<0.105	<0.105	<0.105	6.5	<5.3	<5.3	<0.96	
6	8	05/29/2013	6,550	<2	8.1	35.3	NA	<2	10.9	17.8	14,500	6.1	248	16.9	<2	<2	52.2	<2	<2	19.5	44.3	<0.24	3,100	523	<0.572	<0.572	<0.572	15.1	<5.7	<5.7	3.3	
10	12	05/29/2013	14,000	<2.5	7.7	95.9	NA	<2.5	17.6	14.6	34,300	11.4	124	14.5	<2.5	<2.5	20.2	<2.5	<2.5	54.5	93	<0.26	820	54.5	<0.671	<0.671	<0.671	52.1	<6.7	<6.7	<1.2	
18	20	05/29/2013	4,230	<1.9	4.4	22.2	NA	<1.9	6.7	11.1	9,830	4	339	10	<1.9	<1.9	74.6	<1.9	<1.9	10.9	30.2	<0.21	17.6	<0.93	<0.108	<0.108	<0.108	<5.2	<5.4	<5.4	<1	
18.5	20	05/29/2013	3,750	<2	3.2	31.7	NA	<2	6.6	9.8	8,530	3.4	259	8.6	<2	<2	73.1	<2	<2	10.7	21.9	<0.21	16	7.6	<0.109	<0.109	<0.109	<5.3	<5.5	<5.5	<0.99	
4	6	05/29/2013	13,700	<2.3	8.8	84.7	NA	<2.3	18.1	15.5	22,600	11.4	186	15	<2.3	<2.3	14.3	<2.3	<2.3	29.3	63.7	<0.26	13	<0.98	<0.125	<0.125	<0.125	14	<6.3	<6.3	<1.3	
18	20	05/29/2013	5,660	<1.9	5.6	37	NA	<1.9	8.4	14.7	13,700	5.3	406	13.4	<1.9	<1.9	81.3	<1.9	<1.9	12.8	37.7	<0.21	37.3	<1.1	<0.0379	<0.0379	<0.0379	<5.1	<5.4	<5.4	<0.99	
6	8	05/29/2013	9,520	<2.5	7.5	149	NA	<2.5	16.3	16.4	20,900	11.6	87.5	9.7	<2.5	<2.5	33.4	<2.5	<2.5	31.2	51.2	<0.26	<12.9	<0.93	<0.128	<0.128	<0.128	44.4	<6.4	<6.4	<1.2	
18	20	05/29/2013	4,230	<1.8	3.3	20.4	NA	<1.8	6.4	11.2	9,490	4.4	280	9.6	<1.8	<1.8	89.4	<1.8	<1.8	10.4	40.5	<0.21	<10.8	<0.71	<0.108	<0.108	<0.108	7.2	<5.4	<5.4	<1	
6	8	05/29/2013	10,800	<2.2	23.5	65.7	NA	<2.2	15	19.8	33,800	6.6	278	25.1																		

Sample Date	1,1,2-Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Butanone (MEK)	2-Chlorotoluene	Acetone	Benzene	Carbon disulfide	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Xylene (Total)	n-Butylbenzene	n-Hexane	n-Propyltoluene	sec-Butylbenzene	tert-Butylbenzene	All Remaining VOCs	2,4-Dimethylphenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Chloroaniline	Arenaphthene	Acephenylene		
Contact	2.1	220	180	28,000	910	85,000	17	740	81	270	490	53	870	110	820	5.7	260	110	140	260	NE	150	180	NE	1,800	335	4,500	38	5,000	NE	
Contact	6.3	220	180	28,000	910	100,000	51	740	250	270	3,200	170	870	170	820	19	260	110	140	260	NE	150	180	NE	16,000	3,010	41,000	NE	110	45,000	NE
Contact	35	220	180	28,000	910	100,000	1,800	740	480	270	3,300	3100	870	170	820	95	260	110	140	260	NE	150	180	NE	34,000	6,740	87,000	NE	6,000	100,000	NE
10/11/2013	NA	NA	NA	NA	NA	NA	<0.0045	NA	<0.0045	NA	NA	NA	NA	NA	NA	<0.0045	<0.0089	NA	NA	NA	NA	NA	NA	NA	NA	<0.0604	NA	NA	2.24	NA	10.8
10/11/2013	NA	NA	NA	NA	NA	NA	<0.0046	NA	<0.0046	NA	NA	NA	NA	NA	NA	<0.0046	<0.0092	NA	NA	NA	NA	NA	NA	NA	NA	0.0551	NA	NA	0.006	NA	0.033
10/11/2013	NA	NA	NA	NA	NA	NA	<0.004	NA	<0.004	NA	NA	NA	NA	NA	NA	<0.004	<0.0081	NA	NA	NA	NA	NA	NA	NA	NA	0.006	NA	NA	<0.0056	NA	0.023
10/11/2013	NA	NA	NA	NA	NA	NA	<0.0051	NA	<0.0051	NA	NA	NA	NA	NA	NA	<0.0051	<0.0101	NA	NA	NA	NA	NA	NA	NA	NA	1.52	NA	NA	0.105	NA	2.29
10/11/2013	NA	NA	NA	NA	NA	NA	<0.0043	NA	<0.0043	NA	NA	NA	NA	NA	NA	<0.0043	<0.0086	NA	NA	NA	NA	NA	NA	NA	NA	<0.006	NA	NA	<0.006	NA	0.012
10/11/2013	NA	NA	NA	NA	NA	NA	<0.0049	NA	<0.0049	NA	NA	NA	NA	NA	NA	<0.0049	<0.0097	NA	NA	NA	NA	NA	NA	NA	NA	0.961	NA	NA	0.433	NA	13.2
10/11/2013	NA	NA	NA	NA	NA	NA	0.0117	NA	<0.0091	NA	NA	NA	NA	NA	NA	0.0191	0.0452	NA	NA	NA	NA	NA	NA	NA	NA	3.57	NA	NA	0.17	0.912	0.012
10/11/2013	NA	NA	NA	NA	NA	NA	<0.0044	NA	<0.0044	NA	NA	NA	NA	NA	NA	<0.0044	<0.0088	NA	NA	NA	NA	NA	NA	NA	NA	0.111	NA	NA	0.0104	0.074	0.074
10/11/2013	NA	NA	NA	NA	NA	NA	<0.0045	NA	<0.0045	NA	NA	NA	NA	NA	NA	<0.0045	<0.009	NA	NA	NA	NA	NA	NA	NA	NA	<0.0052	NA	NA	<0.0052	NA	3.76
10/11/2013	NA	NA	NA	NA	NA	NA	<0.0041	NA	<0.0041	NA	NA	NA	NA	NA	NA	<0.0041	<0.0083	NA	NA	NA	NA	NA	NA	NA	NA	1.16	NA	NA	0.116	0.299	0.299
10/11/2013	NA	NA	NA	NA	NA	NA	<0.0042	NA	<0.0042	NA	NA	NA	NA	NA	NA	<0.0042	<0.0085	NA	NA	NA	NA	NA	NA	NA	NA	0.0368	NA	NA	<0.0265	0.0273	0.0273
10/11/2013	NA	NA	NA	NA	NA	NA	<0.0045	NA	<0.0045	NA	NA	NA	NA	NA	NA	<0.0045	<0.009	NA	NA	NA	NA	NA	NA	NA	NA	0.166	NA	NA	<0.0559	0.0055	0.0055
10/11/2013	NA	NA	NA	NA	NA	NA	<0.0042	NA	<0.0042	NA	NA	NA	NA	NA	NA	<0.0042	<0.0084	NA	NA	NA	NA	NA	NA	NA	NA	0.0276	NA	NA	<0.0056	<0.0056	<0.0056
10/11/2013	NA	NA	NA	NA	NA	NA	<0.006	NA	<0.006	NA	NA	NA	NA	NA	NA	0.0065	<0.012	NA	NA	NA	NA	NA	NA	NA	NA	0.724	NA	NA	<0.0056	<0.0056	<0.0056
10/11/2013	NA	NA	NA	NA	NA	NA	0.0269	NA	<0.0079	NA	NA	NA	NA	NA	NA	0.0225	<0.0159	NA	NA	NA	NA	NA	NA	NA	NA	0.496	NA	NA	0.0122	0.146	0.146
09/24/2014	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0085	<0.0043	<0.0043	<0.017	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0085	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	BRL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36		
09/24/2014	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.016	<0.0041	<0.0082	<0.0041	<0.0041	<0.016	0.0059	<0.0041	<0.0041	<0.0041	<0.0041	<0.0082	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	BRL	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38		
09/25/2014	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	1.3	68.1	<0.25	1.4	<0.25	1.6	<0.25	<0.25	<0.25	<0.25	<0.25	1.6	0.25	<0.25	<0.25	<0.25	<0.25	BRL	<4.4	52.7	<4.4	<8.8	<4.4	5.9		
09/25/2014	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	0.022	<0.0036	<0.0075	<0.0036	<0.0036	0.022	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0075	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	BRL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36		
09/25/2014	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.017	<0.0042	<0.0085	<0.0042	<0.0042	<0.017	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0085	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	BRL	<0.40	<0.40	<0.40	<0.40	<0.40	0.51		
09/25/2014	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.015	<0.0036	<0.0073	<0.0036	<0.0036	<0.015	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0073	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	BRL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36		
09/25/2014	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.016	<0.0040	<0.0081	<0.0040	<0.0040	<0.016	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0081	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	BRL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36		
09/25/2014	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.014	<0.0035	<0.0071	<0.0035	<0.0035	<0.014	0.026	<0.0035	<0.0035	<0.0035	<0.0035	<0.0071	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	BRL	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35		
09/24/2014	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.014	<0.0035	<0.0071	<0.0035	<0.0035	<0.014	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0071	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	BRL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36		
09/25/2014	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.019	<0.0048	<0.0096	<0.0048	<0.0048	<0.019	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0096	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	BRL	<0.37	<0.37	<0.37	<0.37	<0.37	5.7		
09/25/2014	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.015	<0.0039	<0.0077	<0.0039	<0.0039	<0.015	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0077	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	BRL	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36		
09/25/2014	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	<0.026	<0.0065	<0.013	<0.0065	<0.0065	<0.026	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	<0.013	<0.0065	<0.0065	<0.0065	<0.0065	<0.0065	BRL	<4.6	<4.6	<4.6	<4.6	<4.6	5.7		
09/25/2014	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	0.02	<0.0042	<0.0084	<0.0042	<0.0042	0.02	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	BRL	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37		
09/25/2014	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.016	<0.0040	<0.0079	<0.0040	<0.0040	<0.016	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	<0.0079	<0.0040	<0.0040	<0.0040	<0.0040	<0.0040	BRL	<1.7	<0.36	<0.36	<0.36	<0.36	<0.36		
09/25/2014	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.015	<0.0036	<0.0073	<0.0036	<0.0036	<0.015	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	<0.0073	<0.0036	<0.0036	<0.0036	<0.0036	<0.0036	BRL	<1.8	<0.36	<0.36	<0.36	<0.36	<0.36		
09/25/2014	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.014	<0.0034	<0.0069	<0.0034	<0.0034	<0.014	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0069	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	BRL	<1.7	<0.36	<0.36	<0.36	<0.36	<0.36		
09/25/2014	<0.016	0.076	0.054	<0.078	<0.016	<0.31	0.024	<0.031	0.022	<0.016	<0.063	0.47	<0.016	<0.016	<0.016	<0.016	0.06	<0.016	<0.016	<0.016	<0.016	<0.016	BRL	<2.0	2.3	<0.42	<0.84	<0.42	<0.42		
09/25/2014	<0.0042	<0.0042	<0.0042	<0.021	<0.0042	<0.085	<0.0042	<0.0085	<0.0042	<0.0042	<0.017	0.027	<0.0042	<0.0042	<0.0042	<0.0042	<0.0085	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	BRL	<1.8	<0.36	<0.36	<0.36	<0.36	<0.36		
09/25/2014	<1.1	<1.1	<1.1	<5.5	<1.1	<2.1	<1.1	<2.2	3	4.5	<4.4	59.5	<1.1	<1.1	<1.1	<1.1	<2.2	<1.1	<1.1	<1.1	2.2	<1.1	BRL	<1.8	30.2	<0.37	<0.75	0.97	<0.37		
09/25/2014	<0.0035	<0.0035	<0.0035	<0.018	<0.0035	<0.070	<0.0035	<0.0070	<0.0035	<0.0035	<0.014	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0070	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	BRL	<1.7	<0.36	<0.36	<0.36	<0.36	<0.36		
09/25/2014	<0.046	133	75.5	<2.3	<0.46	<9.2	47.9	<0.92	159	5.8	<1.8	1,400	<0.46	<0.46	5																

Sample Date	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene (3)	Di-n-butylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Isophorone	N-Nitrosodiphenylamine	Naphthalene	Phenanthrene	Phenol	Pyrene	bis(2-Ethylhexyl)phthalate	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene (4)	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene (3)	Dibenz(a,h)anthracene	Fluoranthene	
act	NA	2,100	4,100	12,000	21,000	1,600	8,800	1,600	1,000	3,400	3,400	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	3,400	
act	NA	2,100	4,100	12,000	21,000	1,600	8,800	1,600	1,000	3,400	3,400	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	3,400	
act	NA	2,100	4,100	12,000	21,000	1,600	8,800	1,600	1,000	3,400	3,400	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	3,400	
10/11/2013	51.6	34.7	NA	27.1	NA	7.06	NA	51.3	0.812	34.5	NA	0.117	91.6	NA	84.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
10/11/2013	0.0853	0.0792	NA	0.109	NA	0.0284	NA	0.159	0.0138	0.0672	NA	0.536	0.131	NA	0.168	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
10/11/2013	0.0519	0.0423	NA	0.0383	NA	0.0135	NA	0.0605	<0.0056	0.0386	NA	0.0278	0.0281	NA	0.0701	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
10/11/2013	5.25	8.33	NA	9.9	NA	3.31	NA	9.7	0.877	5.29	NA	8.43	5.47	NA	8.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
10/11/2013	0.0311	0.0394	NA	0.0388	NA	0.0126	NA	0.0536	<0.006	0.026	NA	0.0138	0.0247	NA	0.0589	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
10/11/2013	41.8	42.3	NA	42	NA	7.1	NA	65.8	1.06	30.4	NA	3.55	16.2	NA	91.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
10/11/2013	1.74	2.06	NA	3.38	NA	0.673	NA	7.35	1.12	1.37	NA	15.7	12.3	NA	9.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
10/11/2013	0.199	0.267	NA	0.34	NA	0.0988	NA	0.434	0.0126	0.172	NA	0.289	0.278	NA	0.408	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
10/11/2013	0.028	0.0158	NA	0.014	NA	0.0063	NA	0.0175	<0.0052	0.0175	NA	0.0064	0.0118	NA	0.0239	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
10/11/2013	6.02	4.13	NA	3.55	NA	1.29	NA	4.6	0.263	4.28	NA	4.48	2.87	NA	7.92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
10/11/2013	0.246	0.283	NA	0.337	NA	0.103	NA	0.593	<0.0265	0.211	NA	0.0382	0.315	NA	0.541	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
10/11/2013	0.602	0.535	NA	0.771	NA	0.249	NA	0.763	<0.0559	0.423	NA	0.325	0.573	NA	1.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
10/11/2013	0.0439	0.0591	NA	0.0658	NA	0.0192	NA	0.111	<0.0056	0.0388	NA	0.0604	0.0745	NA	0.0984	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
10/11/2013	0.128	0.0723	NA	0.123	NA	0.0446	NA	0.082	0.134	0.075	NA	8.64	0.113	NA	0.0624	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
10/11/2013	0.0936	0.0869	NA	0.141	NA	0.0384	NA	0.243	0.0689	0.0668	NA	5.58	0.278	NA	0.156	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
09/24/2014	<0.36	<0.36	<0.36	<0.36	<0.36	<0.18	<0.36	<0.36	<0.36	<0.36	<0.36	0.39	<0.36	<0.36	<0.36	NA	NA	0.045	<0.0054	0.0058	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	
09/24/2014	<0.38	<0.38	<0.38	<0.38	<0.19	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	0.38	<0.38	<0.38	<0.38	NA	NA	0.056	<0.0057	0.0061	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	
09/25/2014	4.5	6.5	<4.4	9	<4.4	<2.3	<0.36	<0.36	<0.36	<0.36	<0.36	692	5.5	<4.4	9	NA	NA	52.9	1.8	5.7	1.1	2.4	1.9	2.8	1.5	1.7	3	0.72	4.1	4
09/25/2014	<0.36	<0.36	<0.36	<0.36	<0.19	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	NA	0.008	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	
09/25/2014	<0.37	<0.37	<0.37	<0.37	<0.19	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	NA	NA	0.019	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	
09/25/2014	1.2	1.1	<0.40	1.1	<0.40	0.26	<0.40	2.7	<0.40	0.84	<0.40	1.4	0.92	<0.40	3.9	NA	NA	0.45	0.088	0.49	0.28	0.9	0.91	0.81	0.8	0.69	1	0.21	1.9	0.11
09/25/2014	<0.36	<0.36	<0.36	<0.36	<0.19	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	NA	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	
09/25/2014	<0.36	<0.36	<0.36	<0.36	<0.19	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	NA	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	
09/25/2014	<0.35	<0.35	<0.35	<0.35	<0.18	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	NA	NA	0.04	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	
09/25/2014	<0.36	<0.36	<0.36	<0.36	<0.19	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	NA	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	
09/25/2014	<0.37	<0.37	<0.37	<0.37	<0.19	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	NA	NA	0.031	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	
09/25/2014	<0.36	<0.36	<0.36	<0.36	<0.19	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	NA	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	
09/25/2014	7.5	12	<4.6	153	<4.6	3.4	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	NA	NA	2.6	0.94	5.7	5.2	10.1	12	10.1	7.9	7.8	12.6	3.1	14.3	5.1
09/25/2014	<0.37	<0.37	<0.37	<0.37	<0.19	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	NA	NA	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	
09/25/2014	<0.36	<0.36	<0.36	<0.36	<0.18	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	NA	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	
09/25/2014	<0.36	<0.36	<0.36	<0.36	<0.19	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	NA	0.006	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	
10/10/2014	<0.36	<0.36	<0.36	<0.36	<0.18	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	NA	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	
10/10/2014	0.61	1.2	<0.42	1.6	<0.42	0.27	<0.42	2.7	0.66	0.58	<0.42	29.6	2.5	<0.42	2.5	NA	NA	6.5	0.35	0.32	0.64	0.95	0.58	0.52	0.37	0.53	1.1	0.16	1.5	0.39
10/10/2014	<0.36	<0.36	<0.36	<0.36	<0.19	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	NA	0.01	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	
10/10/2014	<0.37	<0.37	<0.37	<0.37	<0.19	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	141	2.7	<0.37	<0.37	NA	NA	29.3	0.75	<0.0057	0.31	0.092	0.051	0.064	0.03	0.052	0.1	0.021	0.28	0.93
10/10/2014	<0.36	<0.36	<0.36	<0.36	<0.18	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	NA	0.015	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	
10/10/2014	4.6	7.1	<2.0	11.2	<2.0	2.5	<0.35	<0.35	<0.35	<0.35	<0.35	1,110	30.5	3.8	15.6	NA	NA	45.4	0.59	1.4	3.1	5.6	3.3	3.2	2.1	3.6	6.3	1.1	10.1	2.5
10/10/2014	<0.35	<0.35	<0.35	<0.35	<0.18	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	0.94	<0.35	<0.35	<0.35	NA	NA	0.3	0.011	<0.0053	0.0079	0.0078	0.0057	<0.0053	<0.0053	<0.0053	<			

Depth (ft bg)	Depth (ft bg)	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Mercury	Extended Range Or	Gasoline Range Or	PCB-1248 (Aroclor)	PCB-1254 (Aroclor)	PCB-1260 (Aroclor)	Nitrogen, Ammonia	Nitrogen, Nitrate	Nitrogen, Nitrite	Phenolics, Total Recoverable
			100,000	43	9.5	21,000	220	NE	NE	4,300	77,000	400	2,500	2,100	550	550	66,000	1.1	66,000	550	32,000	3.1	NE	NE	3.2	9.7	3.4	NE	100,000	11,000	NE
			100,000	470	30	100,000	2,300	NE	NE	47,000	100,000	800	26,000	22,000	5,800	5,800	100,000	12	100,000	5,800	100,000	3.1	NE	NE	9.5	9.7	9.9	NE	100,000	100,000	NE
			100,000	790	920	100,000	3,800	NE	NE	79,000	100,000	1,000	46,000	35,000	9,800	9,800	100,000	20	100,000	9,900	100,000	3.1	NE	NE	560	33	570	NE	100,000	100,000	NE
	4	6	10/11/2013	NA	7.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1	3	10/11/2013	NA	NA	7.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3	5	10/11/2013	NA	NA	17.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1	3	10/11/2013	NA	NA	8.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3	5	10/11/2013	NA	NA	4.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1	3	10/11/2013	NA	NA	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3	5	10/11/2013	NA	NA	21.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1	3	10/11/2013	NA	NA	6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3	5	10/11/2013	NA	NA	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1	3	10/11/2013	NA	NA	15.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3	5	10/11/2013	NA	NA	10.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1	3	10/11/2013	NA	NA	9.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3	5	10/11/2013	NA	NA	10.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1	3	10/11/2013	NA	NA	13.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3	5	10/11/2013	NA	NA	17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	16	18	09/24/2014	8,060	<1.1	4.9	36.2	<0.54	9.4	15.1	13,800	6.7	325	15.8	<1.1	<0.54	72.1	<1.1	<5.4	14.5	37.2	<0.23	NA	NA	<0.11	<0.11	<0.11	19.1	<5.5	<5.5	<0.99
	26	28	09/24/2014	7,710	<0.99	6.7	38.8	<0.49	8.9	15.2	12,700	8.8	296	14.9	<0.99	<0.49	67.3	<0.99	<4.9	13.8	33.7	<0.23	NA	NA	<0.11	<0.11	<0.11	19.4	<5.7	<5.7	<1.0
	4	6	09/25/2014	5,090	1.4	16.5	39.2	0.7	<0.62	10.3	43.5	40,100	94.7	208	15.5	1.2	<0.62	31.2	<1.2	NA	21.1	91.3	3.3	NA	<1.2	<1.2	<1.2	96.8	<6.6	<6.6	2
	16	18	09/25/2014	6,470	<1.0	28.6	33	<0.50	8	15.4	13,700	7.2	362	13.3	<1.0	<0.50	119	<1.0	NA	13.2	33.3	<0.21	NA	NA	<0.11	<0.11	<0.11	44.6	<5.5	<5.5	<1.0
	26	28	09/25/2014	8,420	<1.1	8	57.4	<0.53	11.7	11.2	17,100	5.2	484	17.9	<1.1	<0.53	71.2	1.3	NA	16.3	43.5	<0.24	NA	NA	<0.11	<0.11	<0.11	<5.6	<5.6	<5.6	<1.1
	8	10	09/25/2014	6,670	<1.1	5.7	42.3	<0.57	12.6	31.2	16,900	20.3	184	13.2	<1.1	<0.57	39.6	<1.1	NA	17.5	41.2	<0.23	NA	NA	<0.12	<0.12	<0.12	47.8	<6.0	<6.0	<1.1
	10	12	09/25/2014	6,920	<1.0	6.6	30.8	<0.51	8.4	15.1	12,700	7.4	339	14.6	<1.0	<0.51	70.9	<1.0	NA	13.5	41.1	<0.22	NA	NA	<0.11	<0.11	<0.11	44.8	<5.5	<5.5	<1.1
	26	28	09/25/2014	7,580	<0.98	7.4	40.6	<0.49	11.4	18	13,400	6.5	486	17.7	<0.98	<0.49	65.6	1	NA	16.5	38.7	<0.22	NA	NA	<0.11	<0.11	<0.11	<5.4	<5.5	<5.5	<1.1
	12	14	09/25/2014	7,000	<0.96	8.6	31.6	<0.48	8.7	15.7	12,900	7	308	16.6	<0.96	<0.48	72.5	<0.96	NA	15.1	36.2	<0.22	NA	NA	<0.11	<0.11	<0.11	18.4	<5.4	<5.4	<0.93
	18	20	09/24/2014	8,930	<0.95	4.8	49.9	<0.47	9.9	15.3	12,700	7.6	297	15.9	<0.95	<0.47	55.1	<0.95	<4.7	15.9	39	<0.23	NA	NA	<0.11	<0.11	<0.11	80.3	<5.5	<5.5	<1.0
	6	8	09/25/2014	9,110	<1.0	8.4	14.2	<0.51	26.7	19.9	25,300	4.7	101	6.7	<1.0	<0.51	42.3	2.1	NA	32.1	24.7	<0.20	NA	NA	<0.11	<0.11	<0.11	23.6	<5.7	<5.7	<1.1
	18	20	09/25/2014	9,120	<0.99	5.5	58.9	<0.50	12.7	14.5	14,800	8.2	280	18.2	<0.99	<0.50	81.5	1.3	NA	17.6	42.9	<0.22	NA	NA	<0.11	<0.11	<0.11	<5.5	<5.6	<5.6	<1.1
	6	8	09/25/2014	7,910	<1.4	80.3	68.8	<0.69	1.3	15.9	40.7	12,000	34.9	455	18.4	5	<0.69	198	2.3	NA	21	59.2	1.5	NA	<0.14	<0.14	<0.14	137	<7.0	<7.0	3.3
	18	20	09/25/2014	8,900	<0.94	5.2	54.5	<0.47	12.3	16.8	17,800	9.3	281	18.9	<0.94	<0.47	68.3	1.4	NA	19.2	54.6	<0.21	NA	NA	<0.11	<0.11	<0.11	<5.3	<5.6	<5.6	<1.0
	14	16	10/07/2014	6,530	<1.0	4.5	32.1	<0.50	8.2	17	12,800	6.8	309	14.7	<1.0	<0.50	68	<1.0	NA	13.1	44.1	<0.22	NA	NA	<0.11	<0.11	<0.11	11.6	<5.5	<5.5	<1.0
	13	17	10/07/2014	7,480	<1.1	4.4	35.7	<0.54	9.4	15.7	12,800	7.5	323	15.1	<1.1	<0.54	65.2	1.2	NA	14.4	43.3	<0.23	NA	NA	<0.11	<0.11	<0.11	9.7	<5.5	<5.5	<1.1
	20	28	10/07/2014	8,530	<1.0	4.4	54.2	<0.52	12.4	16.5	12,900	7	301	16.4	<1.0	<0.52	65.8	1.2	NA	18.7	40.1	<0.23	NA	NA	<0.11	<0.11	<0.11	<5.4	<5.5	<5.5	<1.1
	8	10	10/07/2014	4,510	5.3	9.7	32.8	<0.56	15.2	57.2	28,500	780	303	23.6	<1.1	<0.56	47	<1.1	NA	13.4	82.5	3.4	NA	NA	<0.13	<0.13	<0.13	49.6	<6.4	<6.4	<1.2
	10	20	10/07/2014	8,080	<1.1	4	52.2	<0.54	11.9	17	15,200	7.5	264	18.6	<1.1	<0.54	73.9	1.2	NA	16.7	45.4	<0.23	NA	NA	<0.11	<0.11	<0.11	9.2	<5.5	<5.5	<1.0
	6	8	10/08/2014	4,790	<1.0	2	32	<0.50	7.7	7.3	7,520	5.5	169	8.1	<1.0	<0.50	15.3	<1.0	NA	14	27.3	<0.24	NA	NA	<0.11	<0.11	<0.11	13.5	<5.7	<5.7	<1.1
	14	16	10/08/2014	7,210	<1.0	6.1	33	<0.52	9.2	15	12,400	7.6	335	16.8	<1.0	<0.52	69.7	<1.0	NA	14.2	62.2	<0.21	NA	NA	<0.11	<0.11	<0.11	19.1	<5.5	<5.5	<1.1
	4	6	10/08/2014	8,160	<1.2	7.5	82.7	0.7	0.72	13.9	102	29,000	117	218	16.8	<1.2	<0.60	24.4	<1.2	NA	24.2	238	7.8	NA	<0.12	<0.12	<0.12	36.5	<6.1	<6.1	16.8
	14	16	10/08/2014	7,670	<0.99	4.4	29.7	<0.49	8.8	15	13,600	7.5	311	14	<0.99	<0.49	76	<0.99	NA	14.7	39.2	<0.22	NA	NA	<0.11	<0.11	<0.11	19.1	<5.4	<5.4	<1.0
	20	22	10/08/2014	8,260	<0.95	6.1	62.7	<0.47	11.9	14.9	15,800	8.1	269	18.6	<0.95	<0.47	70	<0.95	NA	17.2	46.2	<0.21	NA	NA	<0.11	<0.11	<0.11	<5.3	<5.4	<5.4	<1.1
	20	22	10/08/2014	8,430	<1.0	7.2	48.9	<0.50	12	13.5	17,300	7.3	279	19.9	<1.0	<0.50	67.1	<1.0	NA	17.6	47.7	<0.22	NA	NA	<0.11	<0.11	<0.11	28	<5.5	<5.5	<1.1
	6	8	10/09/2014	6,730	<1.0	6.6	46.7	<0.51	10.9	19.2	14,100	214	221	13.5	<1.0	<0.51	33.9	<1.0	NA	18.4	122	0.31	NA	NA	<0.11	<0.11	<0.11	44.7	<5.8	<5.8	<1.1

Exhibit 8 - Soil Management Plan - Page 584

The following notes summarize the color of screening level (SL) exceedances:
BOLD = Constituent detected above Laboratory Reporting Level

Sample Date	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene (3)	Di-n-butylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	Fluorene	Indeno(1,2,3-cd)pyrene	Isophorone	N-Nitrosodiphenylamine	Naphthalene	Phenanthrene	Phenol	Pyrene	bis(2-Ethylhexyl)phthalate	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene (4)	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene (3)	Dibenz(a,h)anthracene	Fluoranthene		
act	NA	2,100	12,000	21,000	1,600	8,800	1,000	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	1,600	16	NE	160	21,000	1,600	3,400		
act	NA	2,100	12,000	21,000	82,000	21	1,000	30,000	210	24,000	4,700	170	NE	100,000	23,000	1,600	NE	3,000	45,000	NE	100,000	210	210	12,000	NE	100,000	21,000	21	30,000		
act	NA	100,000	100,000	100,000	100,000	100,000	1,900	68,000	12,000	100,000	100,000	3,100	NE	100,000	51,000	34,000	NE	6,800	100,000	NE	100,000	12,000	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	
10/09/2014	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	NA	0.01	<0.054	<0.054	0.51	0.56	0.8	0.35	0.47	0.39	0.45	0.09	2.1	0.71	
03/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.055	2.6	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	
03/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	
03/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.09	0.11	0.26	0.29	0.86	0.65	0.65	0.4	0.6	0.78	0.19	2.1	0.3	
03/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.055	<0.055	<0.055	<0.055	0.0073	0.0056	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	
03/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.42	3.2	4.7	13.4	6.5	7.1	3.8	3.9	4.1	5.5	0.91	27.7	14.2	
03/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	
03/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.2	3.9	10	28.7	15.8	14.7	8.3	8.6	10.5	13.5	2	72.8	34.4	
03/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	
03/24/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.02	0.03	<0.061	<0.061	0.029	0.017	0.019	0.011	0.018	0.034	<0.061	0.091	0.097	
03/24/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	
03/24/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	257	37.6	203	355	176	212	101	126	120	157	23.6	664	273	
03/24/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.016	<0.055	0.019	0.017	0.016	0.019	0.013	0.015	0.013	0.018	<0.055	0.053	0.019	
03/24/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	176	72.4	293	649	286	354	145	198	203	239	37.9	1,190	499	
03/24/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.014	0.0098	<0.054	0.021	0.009	0.011	0.062	0.011	0.067	0.016	<0.054	0.028	0.022	
05/10/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	
05/10/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	<0.084	0.0097	<0.084	<0.084	<0.084	
05/10/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	
05/10/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	
05/11/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.054	0.0076	0.017	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	
05/11/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.017	<0.057	0.0087	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	<0.057	
05/11/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	
05/11/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.055	0.03	0.064	0.061	0.073	0.071	0.053	0.047	0.051	0.074	0.017	0.16	0.048	
05/11/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.055	<0.055	0.0061	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	0.0091	0.0059	
05/11/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.053	0.0057	0.0064	0.0083	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	0.015	0.0084	
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	300	267	388	676	384	346	180	207	203	342	37	1,520	686	
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,100	202	508	1,400	714	724	360	412	373	636	66.5	2,960	1,370	
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.11	0.045	0.06	0.076	0.035	0.033	0.017	0.023	0.019	0.038	<0.055	0.14	0.077	
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	<0.063	
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.055	<0.055	<0.055	<0.055	0.097	0.084	0.1	0.085	0.068	0.12	<0.055	0.16	<0.055	
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.022	<0.061	<0.061	<0.061	0.013	0.01	0.011	0.0073	0.008	0.016	0.028	<0.061	0	
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	0.0096	<0.054	
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/12/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/12/2017	NA	NA	NA	NA</																											

Depth (ft bg)	Depth (ft bg)	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Vanadium	Zinc	Mercury	Extended Range Or	Gasoline Range Or	PCB-1248 (Aroclor)	PCB-1254 (Aroclor)	PCB-1260 (Aroclor)	Nitrogen, Ammonia	Nitrogen, Nitrate	Nitrogen, Nitrite	Phenolics, Total Recoverable			
Identical Direct Contact	14	10/09/2014	100,000	43	9.5	21,000	220	NE	NE	4,300	77,000	400	2,500	2,100	550	550	66,000	1.1	66,000	550	32,000	3.1	NE	NE	3.5	9.7	3.4	NE	100,000	100,000	11,000	NE	
			100,000	470	30	100,000	2,300	NE	NE	47,000	100,000	800	26,000	22,000	5,800	5,800	9,800	100,000	12	100,000	5,800	100,000	3.1	NE	NE	9.5	9.7	9.9	NE	100,000	100,000	100,000	NE
Non-Identical Direct Contact	14	10/09/2014	7,270	<1.0	5.1	35.8	<0.50	<0.50	8.8	14.8	13,300	7.3	329	15	<1.0	<0.50	68.4	<1.0	NA	14.9	40.5	<0.21	NA	NA	<0.11	<0.11	<0.11	<5.4	<5.4	<5.4	<1.1		
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-Identical Direct Contact	4	03/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-Identical Direct Contact	14	03/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-Identical Direct Contact	8	03/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-Identical Direct Contact	18	03/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-Identical Direct Contact	6	03/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-Identical Direct Contact	18	03/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-Identical Direct Contact	4	03/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-Identical Direct Contact	22	03/23/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-Identical Direct Contact	6	03/24/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-Identical Direct Contact	22	03/24/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-Identical Direct Contact	2	03/24/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-Identical Direct Contact	22	03/24/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-Identical Direct Contact	2	03/24/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Non-Identical Direct Contact	14	03/24/2015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			12,400	<1.1	10.1	74.3	0.54	<0.530	19.8	23	21,000	8.7	481	24.7	<1.1	<0.530	11.4	3.8	NA	35	68.9	<0.230	NA	NA	<0.120	<0.120	<0.120	<6.0	<6.1	<6.1	<1.3		
Non-Identical Direct Contact	6	05/10/2017	9,260	<0.960	6.5	53.3	<0.480	<0.480	14.8	16	14,900	6.7	317	21.7	<0.960	<0.480	59.6	3.2	NA	18.7	36.6	<0.210	NA	NA	<0.100	<0.100	<0.100	<5.2	<5.2	<5.2	<1.0		
			18,600	<1.0	10.7	108	0.72	<0.510	22.4	228	27,700	9.5	439	23.7	<1.0	<0.510	13.2	2.2	NA	36.6	73.1	<0.230	NA	NA	<0.120	<0.120	<0.120	<6.1	<6.1	<6.1	<1.2		
Non-Identical Direct Contact	4	05/10/2017	7,080	<1.0	4.9	38.4	<0.510	<0.510	12.2	18.1	12,600	5.5	300	14.2	<1.0	<0.510	75.3	3.6	NA	15.4	34.2	<0.200	NA	NA	<0.110	<0.110	<0.110	<5.4	<5.4	<5.4	<1.0		
			14,000	<1.1	6	70.4	0.54	<0.530	17.7	16.5	16,600	6.2	195	15.8	<1.1	<0.530	9.4	<1.1	NA	30.7	57.2	<0.260	NA	NA	<0.120	<0.120	<0.120	<6.2	<6.2	<6.2	<1.2		
Non-Identical Direct Contact	14	05/11/2017	7,950	<1.0	4.4	41.2	<0.500	<0.500	11.7	14.9	11,600	5.8	301	14.1	<1.0	<0.500	83.3	<1.0	NA	15.7	27.8	<0.230	NA	NA	<0.120	<0.120	<0.120	<5.8	<5.7	<5.7	<1.2		
			9,490	<0.960	5	46.9	<0.480	<0.480	12.9	16	14,100	6.7	320	15	<0.960	<0.480	64.7	<0.960	NA	18.3	30.9	<0.230	NA	NA	<0.110	<0.110	<0.110	<5.4	<5.5	<5.5	1.2		
Non-Identical Direct Contact	4	05/11/2017	5,720	<0.980	5	26.5	<0.490	<0.490	8.6	13.3	9,830	5.8	269	11.3	<0.980	<0.490	72.4	<0.980	NA	14.8	30.4	<0.220	NA	NA	<0.120	<0.120	<0.120	<5.8	<5.8	<5.8	<1.2		
			5,040	<0.920	4.5	23	<0.460	<0.460	8.1	11.8	8,980	4.7	245	9.8	<0.920	<0.460	72.4	<0.920	NA	13.4	28.1	<0.210	NA	NA	<0.110	<0.110	<0.110	<5.5	<5.5	<5.5	1.3		
Non-Identical Direct Contact	22	05/11/2017	4,920	<1.1	2.8	16.4	<0.530	<0.530	8.6	11.3	8,950	4.9	324	9.7	<1.1	<0.530	68.5	<1.1	NA	14	28.6	<0.200	NA	NA	<0.110	<0.110	<0.110	<5.					

Depth (ft bg)	Depth (ft bg)	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Mercury	Extended Range Or	Gasoline Range Or	PCB-1248 (Aroclor)	PCB-1254 (Aroclor)	PCB-1260 (Aroclor)	Nitrogen, Ammonia	Nitrogen, Nitrate	Nitrogen, Nitrite	Phenolics, Total Recoverable
			100,000	43	9.5	21,000	220	NE	NE	4,300	77,000	400	2,500	2,100	550	550	66,000	1.1	66,000	550	32,000	3.1	NE	NE	3.2	1.7	3.9	NE	100,000	11,000	NE
			100,000	470	30	100,000	2,300	NE	NE	47,000	100,000	800	26,000	22,000	5,800	5,800	100,000	12	100,000	5,800	100,000	3.1	NE	NE	9.5	9.7	9.9	NE	100,000	100,000	NE
			100,000	790	920	100,000	3,800	NE	NE	79,000	100,000	1,000	46,000	35,000	9,800	9,800	100,000	20	100,000	9,900	100,000	3.1	NE	NE	560	33	570	NE	100,000	100,000	NE
6	8	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8	10	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
10	12	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
12	14	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14	16	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
16	18	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	4	10/27/2010	11,000	0.9	15.4	302	NA	<0.068	14	57	26,800	466	172	23.9	0.57	<0.43	395	0.16	284	24.3	183	<0.35	63.3	<1.3	<0.0401	<0.0401	<0.0401	<65.8	<5.7	<5.7	<1.7
10	12	10/27/2010	4,340	<0.51	5.9	19	NA	<0.082	10.2	7.3	12,900	5.8	273	11.1	0.65	<0.51	79.5	<0.1	5.6	16.5	27.4	<0.35	20.1	<0.88	<0.0383	<0.0383	<0.0383	<5.5	<5.5	<5.5	<1.7
2	4	10/26/2010	13,800	<0.45	9.4	122	NA	0.51	22.3	31.2	26,800	48.1	974	23.4	0.46	<0.45	56.8	0.28	3.5	31.2	125	<0.37	47.2	<0.85	<0.0398	<0.0398	<0.0398	<5.7	<5.7	<5.7	<1.6
10	12	10/26/2010	15,100	1.3	14.1	189	NA	4.5	33.8	98.1	82,300	121	2,340	36.3	0.64	<0.52	196	0.18	18.8	35.2	197	0.42	83.7	<0.94	<0.0379	<0.0379	<0.0379	<5.4	<5.4	<5.4	<1.6
12	14	10/25/2010	7,530	0.91	11.7	97.3	NA	<0.077	14.1	38.9	34,900	109	336	19.7	1.3	<0.48	85.3	0.27	171	19.1	<481	<0.41	6,940	<0.89	<0.0461	<0.0461	<0.0461	31.9	<6.6	<6.6	<1.8
16	18	10/25/2010	4,790	<0.52	3.4	24.2	NA	<0.083	6.7	10.9	12,800	6.6	458	10.7	<0.52	<0.4	125	0.18	2.3	11.3	36.8	<0.37	<11.9	<1.1	<0.0416	<0.0416	<0.0416	7.6	<5.9	<5.9	<1.7
4	6	10/26/2010	7,530	0.92	9.2	141	NA	4.3	17.1	64.7	40,200	183	366	32.2	0.47	<0.4	40.3	0.15	21.1	25.2	1,140	<0.37	168	<0.86	<0.0403	<0.0403	<0.0403	<5.8	6.1	<5.8	<1.7
16	18	10/26/2010	3,060	1.3	6.4	63.3	NA	<0.062	12.9	163	27,400	243	754	16.7	0.66	<0.39	215	0.11	103	17.2	865	<0.35	62.9	<1	<0.0369	<0.0369	<0.0369	<5.3	<5.3	<5.3	<1.7
14	16	10/25/2010	3,640	<0.46	0.93	8.8	NA	0.075	7	8.2	6,760	4.8	274	8.5	<0.46	<0.46	92.4	0.13	<0.91	11.4	21.9	<0.37	<10.7	<0.57	<0.0374	<0.0374	<0.0374	<5.3	<5.3	<5.3	<1.7
16	18	10/25/2010	2,790	<0.51	3.3	14.7	NA	<0.081	5.2	14.8	9,120	4.6	312	8.8	2.4	<0.51	89.6	0.1	<1	8.5	32.1	<0.4	<12	<0.87	<0.0419	<0.0419	<0.0419	<6	<6	<6	<1.9
12	14	10/26/2010	4,120	1.2	5.7	175	NA	<0.084	13.9	35.4	17,900	401	266	12.6	0.57	<0.52	173	0.16	72.6	13.1	362	0.89	1,650	<1.1	<0.048	<0.048	<0.048	14.5	<6.9	<6.9	<2.3
18	20	10/26/2010	4,950	<0.49	2.4	23.8	NA	<0.079	6.5	8.9	11,700	5	311	9.6	<0.49	<0.49	118	0.14	1	10.8	24.9	<0.35	<10.9	<0.9	<0.0382	<0.0382	<0.0382	20.9	<5.5	<5.5	<1.7
16	18	10/25/2010	2,750	<0.43	17.9	9.7	NA	<0.069	4.2	13.3	8,840	8.6	154	8.2	0.56	<0.43	50.7	<0.87	<0.87	8.1	26.3	<0.37	<11.9	<0.68	<0.0416	<0.0416	<0.0416	10.2	<5.9	<5.9	<1.9
18	20	10/25/2010	4,490	<0.52	2.5	11.2	NA	<0.083	3.6	7.6	9,220	3.7	213	7.7	<0.52	<0.52	77.9	0.12	<1	8	35.1	<0.35	<11.2	<0.68	<0.039	<0.039	<0.039	27.6	<5.6	<5.6	<1.6
16	18	10/25/2010	4,830	<0.48	2.4	37	NA	0.084	7.5	11.2	14,800	6.4	353	13.1	0.61	<0.48	113	0.17	1	12	36	<0.34	<10.6	<0.87	<0.0372	<0.0372	<0.0372	<5.3	<5.3	<5.3	<1.4
18	18	10/25/2010	7,050	<0.52	4.2	31.7	NA	0.098	9.7	22.3	15,000	8.6	624	21.3	0.51	<0.52	175	0.27	<1	14.7	38.8	<0.34	<11	<0.95	<0.0386	<0.0386	<0.0386	<5.5	<5.5	<5.5	<1.7
4	6	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	12,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6	8	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	341	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8	10	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	574	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
10	12	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,490	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
12	14	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	132	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14	16	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
16	18	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14	16	10/25/2010	4,890	<0.56	5.2	73.3	NA	<0.09	8.3	25.2	12,300	47.9	385	14	<0.56	<0.56	156	0.31	53.2	13.5	62.8	NA	<12	<0.85	NA	NA	NA	<6	<6	<6	NA
16	18	10/25/2010	3,360	<0.44	2.7	16.3	NA	0.088	6.1	11.2	9,340	5.7	268	9.1	1.5	<0.44	98.8	0.12	0.92	11.1	27.8	NA	<11.9	<0.79	NA	NA	NA	<5.9	<5.9	<5.9	NA
4	6	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	342	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8	8	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	205	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
8	10	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	194	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
10	12	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	113	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
12	14	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14	16	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
16	18	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	4	02/14/2011	4,770	4.7	18.4	379	NA	9.1	32.4	749	73,500	882	207	76.3	1.2	6.7	84.2	0.34	216	18.8	2,200	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
10	12	02/14/2011	8,240	3.9	18	214	NA	11.4	35.4	204	94,700	1,070	603	33.7	2.8	0.71	124	0.36	127	25.6	2,700	0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	4	02/14/2011	9,420	0.97	18.7	298	NA	0.53	12.6	162	19,300	112	104	18.7	1.6	<0.66	339	0.48	76.2	34.9	165	<0.023	NA	NA	NA	NA	NA	NA	NA	NA	NA

Exhibit 8

Soil Management Plan - Page 590

The following notes summarize the color of screening level (SL) exceedances:

BOLD

= Constituent detected above Laboratory Reporting Level

Sample Date	1,1,2-Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Butanone (MEK)	2-Chlorotoluene	Acetone	Benzene	Carbon disulfide	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Xylene (Total)	n-Butylbenzene	n-Hexane	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	All Remaining VOCs	2,4-Dimethylphenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Chloroaniline	Aceaphthene	Aceaphthylene	
Contact	2.1	220	180	28,000	910	85,000	17	740	81	270	490	53	870	110	820	5.7	260	110	140	260	NE	150	180	NE	1,800	335	4,500	NE	38	5,000	NE
Contact	6.3	220	180	28,000	910	100,000	51	740	250	270	3,200	170	870	170	820	19	260	110	140	260	NE	150	180	NE	16,000	3,010	41,000	NE	110	45,000	NE
Contact	35	220	180	28,000	910	100,000	1,800	740	480	270	3,500	3,100	870	170	820	95	260	110	140	260	NE	150	180	NE	34,000	6,740	87,000	NE	6,000	100,000	NE
02/14/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
02/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
02/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
02/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
02/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
02/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
02/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
06/25/2012	<0.0035	<0.0035	<0.0035	<0.0177	<0.0035	<0.0707	<0.0035	<0.0071	<0.0035	<0.0035	<0.0141	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0071	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	BRL	<0.366	<0.366	<0.366	<0.732	<0.366	<0.366	
06/25/2012	<0.0041	<0.0041	<0.0041	<0.0205	<0.0041	<0.0819	<0.0041	<0.0082	<0.0041	<0.0041	<0.0164	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0082	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	<0.0041	BRL	<0.382	<0.382	<0.382	<0.765	<0.382	<0.382	
06/25/2012	<0.0073	<0.0073	<0.0073	<0.0364	<0.0073	0.154	<0.0073	<0.0146	<0.0073	<0.0073	<0.0291	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0146	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	<0.0073	BRL	<0.406	<0.406	<0.406	<0.811	<0.406	<0.406	
06/25/2012	<0.009	<0.009	<0.009	<0.0449	<0.009	<0.18	<0.009	<0.018	<0.009	<0.009	<0.0359	<0.009	<0.009	<0.009	<0.009	<0.009	<0.018	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	BRL	<0.37	<0.37	<0.37	<0.74	<0.37	<0.37	
06/25/2012	<0.0054	<0.0054	<0.0054	<0.0269	<0.0054	<0.108	<0.0054	<0.0108	<0.0054	<0.0054	<0.0215	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0108	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	BRL	<0.428	<0.428	<0.428	<0.857	<0.428	<0.428	
06/26/2012	<0.008	<0.008	<0.008	<0.04	<0.008	<0.16	<0.008	<0.016	<0.008	<0.008	<0.032	<0.008	<0.008	<0.008	<0.008	<0.008	<0.016	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	BRL	<0.448	<0.448	<0.448	<0.897	<0.448	<0.448	
06/26/2012	<0.0045	<0.0045	<0.0045	<0.0224	<0.0045	<0.0895	<0.0045	<0.0089	<0.0045	<0.0045	<0.0179	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0089	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045	BRL	<0.356	<0.356	<0.356	<0.711	<0.356	<0.356	
06/26/2012	<0.0061	<0.0061	<0.0061	<0.0307	<0.0061	<0.123	<0.0061	<0.0123	<0.0061	<0.0061	<0.0245	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0123	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	BRL	<1.91	<1.91	<1.91	<3.82	<1.91	<1.91	
06/26/2012	<0.0046	<0.0046	<0.0046	<0.0228	<0.0046	<0.0913	<0.0046	<0.0091	<0.0046	<0.0046	<0.0183	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0091	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	BRL	<0.349	<0.349	<0.349	<0.697	<0.349	<0.349	
06/26/2012	<0.0046	<0.0046	<0.0046	<0.0228	<0.0046	<0.0913	<0.0046	<0.0091	<0.0046	<0.0046	<0.0183	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0091	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	BRL	<0.422	<0.422	<0.422	<0.844	<0.422	<0.422	
06/26/2016	<0.0056	<0.0056	<0.0056	<0.028	<0.0056	<0.110	<0.0056	<0.011	<0.0056	<0.0056	<0.022	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.011	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	BRL	<0.340	<0.340	<0.340	<0.690	<0.340	<0.340	
07/06/2016	<0.0048	<0.0048	<0.0048	<0.024	<0.0048	<0.097	<0.0048	<0.0097	<0.0048	<0.0048	<0.019	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0097	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	BRL	<0.370	<0.370	<0.370	<0.730	<0.370	<0.370	
07/06/2016	<0.0046	<0.0046	<0.0046	<0.023	<0.0046	<0.092	<0.0046	<0.0092	<0.0046	<0.0046	<0.018	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0092	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	BRL	<0.380	<0.380	<0.380	<0.760	<0.380	<0.380	
07/06/2016	<0.0035	<0.0035	<0.0035	<0.017	<0.0035	<0.070	<0.0035	<0.0070	<0.0035	<0.0035	<0.014	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0070	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	<0.0035	BRL	<0.370	<0.370	<0.370	<0.740	<0.370	<0.370	
07/07/2016	<0.0057	<0.0057	<0.0057	<0.028	<0.0057	<0.110	<0.0057	<0.011	<0.0057	<0.0057	<0.023	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.011	<													

Sample Date	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene (3)	Di-n-butylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Indeno(1,2,3-cd)pyrene	Isophorone	N-Nitrosodiphenylamine	Naphthalene	Phenanthrene	Phenol	Pyrene	bis(2-Ethylhexyl)phthalate	1-Methyl-naphthalene	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene (4)	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene (5)	Dibenz(a,h)anthracene	Fluoranthene	
02/14/2011	NA	160	4,100	1,600	8,800	1.6	100	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	1.6	16	NE	160	1,600	1.6	3,400	3,400
02/14/2011	NA	2,100	12,000	21,000	82,000	21	1,000	30,000	210	24,000	4,700	170	NE	100,000	23,000	1,600	NE	3,000	45,000	NE	100,000	210	21	210	NE	2,100	21,000	21	30,000	30,000
02/14/2011	NA	100,000	100,000	100,000	100,000	1,200	1,900	68,000	12,000	100,000	100,000	3,100	NE	100,000	51,000	34,000	NE	6,800	100,000	NE	100,000	12,000	500	12,000	NE	100,000	100,000	1,200	68,000	68,000
02/14/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
02/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
02/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
02/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
02/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
02/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
02/15/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
06/25/2012	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	<0.366	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
06/25/2012	<0.382	<0.382	<0.382	<0.382	<0.382	<0.382	<0.382	<0.382	<0.382	<0.382	<0.382	<0.382	<0.382	<0.382	<0.382	<0.382	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
06/25/2012	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	<0.406	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
06/25/2012	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
06/25/2012	<0.428	<0.428	<0.428	<0.428	<0.428	<0.428	<0.428	<0.428	<0.428	<0.428	<0.428	<0.428	<0.428	<0.428	<0.428	<0.428	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
06/25/2012	<0.448	<0.448	<0.448	<0.448	<0.448	<0.448	<0.448	<0.448	<0.448	<0.448	<0.448	<0.448	<0.448	<0.448	<0.448	<0.448	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
06/25/2012	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	<0.356	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
06/25/2012	<1.91	<1.91	<1.91	<1.91	<1.91	<1.91	<1.91	<1.91	<1.91	<1.91	<1.91	<1.91	<1.91	<1.91	<1.91	<1.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
06/25/2012	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
06/25/2012	<0.422	<0.422	<0.422	<0.422	<0.422	<0.422	<0.422	<0.422	<0.422	<0.422	<0.422	<0.422	<0.422	<0.422	<0.422	<0.422	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
07/07/2016	NA	NA	<0.340	NA	<0.340	NA	<0.340	NA	NA	<0.340	<0.340	NA	NA	<0.340	NA	<0.340	NA	0.034	<0.0052	<0.0052	0.01	0.047	0.033	0.069	0.051	0.051	0.098	0.016	0.18	<0.0052
07/07/2016	NA	NA	<0.370	NA	<0.370	NA	<0.370	NA	NA	<0.370	<0.370	NA	NA	<0.370	NA	<0.370	NA	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055
07/07/2016	NA	NA	<0.380	NA	<0.380	NA	<0.380	NA	NA	<0.380	<0.380	NA	NA	<0.380	NA	<0.380	NA	0.064	<0.029	<0.029	0.1	0.11	0.11	0.11	0.1	0.1	0.14	<0.029	0.14	<0.029
07/07/2016	NA	NA	<0.370	NA	<0.370	NA	<0.370	NA	NA	<0.370	<0.370	NA	NA	<0.370	NA	<0.370	NA	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056
07/07/2016	NA	NA	<0.410	NA	<0.410	NA	<0.410	NA	NA	<0.410	<0.410	NA	NA	<0.410	NA	<0.410	NA	0.026	<0.0062	<0.0062	0.012	0.033	0.032	0.032	0.022	0.025	0.048	0.0086	0.048	<0.0062
07/07/2016	NA	NA	<0.360	NA	<0.360	NA	<0.360	NA	NA	<0.360	<0.360	NA	NA	<0.360	NA	<0.360	NA	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054
07/07/2016	NA	NA	<0.390	NA	<0.390	NA	<0.390	NA	NA	<0.390	<0.390	NA	NA	<0.390	NA	<0.390	NA	0.16	0.088	0.07	0.43	1.8	1.4	1.4	0.87	1.2	2	0.39	2.8	0.11
07/07/2016	NA	NA	<0.360	NA	<0.360	NA	<0.360	NA	NA	<0.360	<0.360	NA	NA	<0.360	NA	<0.360	NA	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054
07/07/2016	NA	NA	<0.390	NA	<0.390	NA	<0.390	NA	NA	<0.390	<0.390	NA	NA	<0.390	NA	<0.390	NA	0.1	0.18	0.15	0.52	1.6	1.1	1.1	0.7	1	1.7	0.33	3.4	0.22
07/07/2016	NA	NA	<0.370	NA	<0.370	NA	<0.370	NA	NA	<0.370	<0.370	NA	NA	<0.370	NA	<0.370	NA	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056

Exhibit 8

Soil Management Plan - Page 52

The following notes summarize the color of screening level (SL) exceedances:

ROTD = Constituent detected above Laboratory Reporting Level

gement

The following notes summarize the color of screening level (SL) exceedances:
BOLD = Constituent detected above Laboratory Reporting Level

Depth (ft bg)	Depth (ft bg)	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Mercury	Extended Range Or	Gasoline Range Or	PCB-1248 (Aroclor)	PCB-1254 (Aroclor)	PCB-1260 (Aroclor)	Nitrogen, Ammonia	Nitrogen, Nitrate	Phenolics, Total Recoverable			
Identification Direct Contact	12	02/14/2011	100,000	43	9.5	21,000	220	NE	NE	4,300	77,000	400	2,500	2,100	550	550	66,000	1.1	66,000	550	32,000	3.1	NE	NE	3.2	1.7	3.4	NE	100,000	11,000	NE		
			100,000	470	30	100,000	2,300	NE	NE	47,000	100,000	800	26,000	22,000	5,800	5,800	9,800	100,000	12	100,000	5,800	100,000	3.1	NE	NE	9.5	9.7	9.9	NE	100,000	100,000	NE	
Excavation Direct Contact	12	02/14/2011	100,000	790	920	100,000	3,800	NE	NE	79,000	100,000	1,000	46,000	35,000	9,800	9,800	100,000	20	100,000	9,900	100,000	3.1	NE	NE	560	33	570	NE	100,000	100,000	NE		
			5,940	<0.46	5.8	24.2	NA	0.27	11.8	18.7	13,100	8.2	213	18.6	0.8	<0.46	56.2	0.21	1.2	20.7	48.8	<0.021	<11.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Excavation Direct Contact	12	02/14/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Excavation Direct Contact	12	02/14/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Excavation Direct Contact	12	02/14/2011	8,010	1.2	13.8	59.2	NA	0.63	17.8	25.1	20,100	23.9	594	22.3	1.2	<0.45	24.2	0.21	1.6	23.4	26.5	<0.024	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			2,950	<0.43	5.6	26.8	NA	0.25	7.7	11.6	6,620	19	171	8.2	0.81	<0.43	75.5	<0.085	2.3	12.4	59.2	<0.022	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Excavation Direct Contact	4	02/15/2011	17,100	9.1	28.5	650	NA	5.5	38.1	203	89,500	3,230	480	49.5	2.3	1.7	178	1.1	772	54.7	1,930	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	675	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Excavation Direct Contact	6	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Excavation Direct Contact	8	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Excavation Direct Contact	10	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Excavation Direct Contact	12	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Excavation Direct Contact	14	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Excavation Direct Contact	16	05/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Excavation Direct Contact	18	02/15/2011	4,750	3.3	17.2	2,740	NA	5.4	24.3	62.1	142,000	384	758	54.1	2.4	<0.6	139	0.27	517	18.8	5,100	0.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.2	308	16.8	1.8	<0.44	61.6	0.29	9.2	16.4	27.5	<0.023	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Excavation Direct Contact	20	02/15/2011	4,010	<0.44	7.7	30.6	NA	0.21	9.7	14.9	14,000	66.9	308	15.7	0.87	<0.57	81.5	0.41	9.1	23.7	118	0.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			6,560	1.2	8.5	75.5	NA	0.94	11.8	56.3	20,200	66.9	464	15.7	0.87	<0.57	81.5	0.41	9.1	23.7	118	0.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Excavation Direct Contact	4	02/15/2011	6,560	1.2	8.5	75.5	NA	0.94	11.8	56.3	20,200	66.9	464	15.7	0.87	<0.57	81.5	0.41	9.1	23.7	118	0.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			4,010	<0.39	4.3	18	NA	0.11	8	10.3	10,500	7.1	370	15.1	0.58	<0.39	108	0.19	<1.9	13.6	25.8	<0.021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Excavation Direct Contact	16	02/15/2011	8,440	1.8	28.7	258	NA	2.4	20	50.3	24,100	177	159	24.9	1.2	1.7	228	0.65	178	35.8	255	0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			8,440	1.8	28.7	258	NA	2.4	20	50.3	24,100	177	159	24.9	1.2	1.7	228	0.65	178	35.8	255	0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Excavation Direct Contact	4	02/15/2011	3,380	<0.4	3.3	21.2	NA	0.15	8.4	5.8	7,580	4.9	140	7.5	<0.4	0.63	38.7	0.094	1.7	14.7	21.3	<0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			12,000	<0.49	8.8	99.7	NA	0.29	21.8	23.4	21,000	25.1	348	19.5	0.86	<0.49	64.2	0.27	3.1	33.5	84	0.046	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Excavation Direct Contact	6	02/15/2011	12,000	<0.49	8.8	99.7	NA	0.29	21.8	23.4	21,000	25.1	348	19.5	0.86	<0.49	64.2	0.27	3.1	33.5	84	0.046	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
			3,880	4.3	8.4	171	NA	1.8	12.5	59.6	19,400	340	273	9.9	0.95	<0.54	113	0.22	32.4	17.3	390	0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Excavation Direct Contact	12	02/15/2011	3,880	4.3	8.4	171	NA	1.8	12.5	59.6	19,400	340	273	9.9	0.95	<0.54	113	0.22	32.4	17.3	390	0.34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			13,000	1.8	28.3	236	NA	0.73	16.7	32.5	55,100	129	367	24.9	1.1	<0.58	344	0.94	63.9	55.9	166	0.028	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Excavation Direct Contact	4	02/15/2011	13,000	1.8	28.3	236	NA	0.73	16.7	32.5	55,100	129	367	24.9	1.1	<0.58	344	0.94	63.9	55.9	166	0.028	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
			8,410	0.7	9.3	112	NA	0.54	14.9	30.8	20,300	106	279	17.5	0.91	<0.46	64.3	0.33	37.8	25.8	123	0.087	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Excavation Direct Contact	12	02/15/2011	8,410	0.7	9.3	112	NA	0.54	14.9	30.8	20,300	106	279	17.5	0.91	<0.46	64.3	0.33	37.8	2													

Sample Date	1,1,2-Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone (MEK)	2-Chlorotoluene	Acetone	Benzene	Carbon disulfide	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	Trichloroethene	Xylene (Total)	n-Butylbenzene	n-Hexane	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	All Remaining VOCs	2,4-Dimethylphenol	2-Methylnaphthalene	2-Methylphenol (o-Cresol)	4-Chloroaniline	Acenaphthene	Acenaphthylene	
Contact	2.1	220	180	28,000	910	85,000	17	740	81	270	490	53	870	110	820	5.7	260	110	140	260	NE	150	180	NE	1,800	335	4,500	NE	38	5,000	NE
Contact	6.3	220	180	28,000	910	100,000	51	740	250	270	3,200	170	870	170	820	19	260	110	140	260	NE	150	180	NE	16,000	3,010	41,000	NE	110	45,000	NE
Contact	35	220	180	28,000	910	100,000	1,800	740	480	270	3,300	3,100	870	170	820	95	260	110	140	260	NE	150	180	NE	34,000	6,740	87,000	NE	6,000	100,000	NE
07/07/2016	<0.0078	<0.0078	<0.0078	<0.039	<0.0078	<0.160	<0.0078	<0.016	<0.0078	<0.0078	<0.031	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.016	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	<0.0078	BRL	<0.440	NA	<0.440	<0.870	NA	NA	
07/07/2016	<0.0044	<0.0044	<0.0044	<0.022	<0.0044	<0.089	<0.0044	<0.0089	<0.0044	<0.0044	<0.018	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0089	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	BRL	<0.360	NA	<0.360	<0.720	NA	NA	
07/08/2016	<0.0057	<0.0057	<0.0057	<0.028	<0.0057	<0.110	<0.0057	<0.011	<0.0057	<0.0057	<0.023	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.011	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	BRL	<0.390	NA	<0.390	<0.780	NA	NA	
07/08/2016	<0.0048	<0.0048	<0.0048	<0.024	<0.0048	<0.096	<0.0048	<0.0086	<0.0048	<0.0048	<0.019	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0096	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	BRL	<0.360	NA	<0.360	<0.730	NA	NA	
07/08/2016	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.099	<0.0050	<0.0099	<0.0050	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.380	NA	<0.380	<0.770	NA	NA	
07/08/2016	<0.0043	<0.0043	<0.0043	<0.022	<0.0043	<0.086	<0.0043	<0.0086	<0.0043	<0.0043	<0.017	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0086	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	BRL	<0.360	NA	<0.360	<0.720	NA	NA	
07/08/2016	<0.0069	<0.0069	<0.0069	<0.035	<0.0069	<0.140	<0.0069	<0.014	<0.0069	<0.0069	<0.028	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069	<0.014	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069	<0.0069	BRL	<0.420	NA	<0.420	<0.840	NA	NA	
07/08/2016	<0.0053	<0.0053	<0.0053	<0.026	<0.0053	<0.110	<0.0053	<0.011	<0.0053	<0.0053	<0.021	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.011	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	BRL	<0.370	NA	<0.370	<0.730	NA	NA	
07/08/2016	<0.0090	<0.0090	<0.0090	<0.045	<0.0090	<0.180	<0.0090	<0.018	<0.0090	<0.0090	<0.036	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	<0.018	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090	BRL	<0.440	NA	<0.440	<0.880	NA	NA	
07/08/2016	<0.0044	<0.0044	<0.0044	<0.022	<0.0044	<0.087	<0.0044	<0.0087	<0.0044	<0.0044	<0.017	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0087	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	<0.0044	BRL	<0.360	NA	<0.360	<0.730	NA	NA	
07/08/2016	<0.0046	<0.0046	<0.0046	<0.023	<0.0046	<0.091	<0.0046	<0.0091	<0.0046	<0.0046	<0.018	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0091	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	BRL	<0.400	NA	<0.400	<0.800	NA	NA	
07/08/2016	<0.0042	<0.0042	<0.0042	<0.021	<0.0042	<0.084	<0.0042	<0.0084	<0.0042	<0.0042	<0.017	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0084	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	<0.0042	BRL	<0.370	NA	<0.370	<0.750	NA	NA	
10/29/2010	<0.0106	<0.0106	<0.0106	<0.0529	<0.0106	<0.212	<0.0106	<0.0212	<0.0106	<0.0106	<0.0423	<0.0106	<0.0106	<0.0106	<0.0106	<0.0106	<0.0212	<0.0106	<0.0106	<0.0106	<0.0106	<0.0106	<0.0106	BRL	<0.36	<0.36	<0.36	<0.72	<0.36	<0.415	
10/28/2010	<0.005	<0.005	<0.005	<0.0248	<0.005	<0.0991	<0.005	<0.0099	<0.005	<0.005	<0.0198	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0099	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	BRL	<0.415	<0.415	<0.415	<0.829	<0.415	<0.415	

Sample Date	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene (H)	D,n-butylphthalate	Dibenz(a,h)anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Isophorone	N-Nitrosodiphenylamine	Naphthalene	Phenanthrene	Phenol	Pyrene	bis(2-Ethylhexyl)phthalate	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene (H)	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene (H)	Dibenz(a,h)anthracene	Fluoranthene	
act	NA	160	4,100	1,600	8,800	1.6	100	3,400	3,400	16	8,000	1,500	53	NE	27,000	2,500	550	NE	340	5,000	NE	25,000	16	1.6	16	NE	160	1,600	3,400		
act	NA	2,100	12,000	21,000	82,000	21	1,000	30,000	30,000	210	24,000	4,700	170	NE	100,000	23,000	1,600	NE	3,000	45,000	NE	100,000	210	21	210	NE	21,000	21,000	30,000		
act	NA	100,000	100,000	100,000	100,000	1,200	1,900	68,000	68,000	12,000	100,000	100,000	3,100	NE	100,000	51,000	34,000	NE	6,800	100,000	NE	100,000	12,000	500	12,000	NE	100,000	100,000	100,000	1,200	68,000
07/07/2016	NA	NA	<0.440	NA	<0.440	NA	<0.440	NA	NA	NA	<0.440	<0.440	NA	NA	<0.440	NA	<0.440	NA	0.69	0.026	0.0082	0.0093	0.035	0.013	0.041	0.02	0.019	0.11	0.011	0.05	0.012
07/07/2016	NA	NA	<0.360	NA	<0.360	NA	<0.360	NA	NA	NA	<0.360	<0.360	NA	NA	<0.360	NA	<0.360	NA	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055
07/08/2016	NA	NA	<0.390	NA	<0.390	NA	<0.390	NA	NA	NA	<0.390	<0.390	NA	NA	<0.390	NA	<0.390	NA	0.065	0.13	0.031	0.24	0.43	0.37	0.33	0.25	0.33	0.45	0.1	1	0.11
07/08/2016	NA	NA	<0.360	NA	<0.360	NA	<0.360	NA	NA	NA	<0.360	<0.360	NA	NA	<0.360	NA	<0.360	NA	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055
07/08/2016	NA	NA	<0.380	NA	<0.380	NA	<0.380	NA	NA	NA	<0.380	<0.380	NA	NA	<0.380	NA	<0.380	NA	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055
07/08/2016	NA	NA	<0.360	NA	<0.360	NA	<0.360	NA	NA	NA	<0.360	<0.360	NA	NA	<0.360	NA	<0.360	NA	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055
07/08/2016	NA	NA	<0.420	NA	<0.420	NA	<0.420	NA	NA	NA	<0.420	<0.420	NA	NA	<0.420	NA	<0.420	NA	0.05	0.06	0.054	0.22	0.53	0.42	0.38	0.25	0.39	0.55	0.12	1.1	0.067
07/08/2016	NA	NA	<0.370	NA	<0.370	NA	<0.370	NA	NA	NA	<0.370	<0.370	NA	NA	<0.370	NA	<0.370	NA	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055
07/08/2016	NA	NA	<0.440	NA	<0.440	NA	<0.440	NA	NA	NA	<0.440	<0.440	NA	NA	<0.440	NA	<0.440	NA	0.14	<0.033	0.054	0.053	0.18	0.16	0.21	0.13	0.14	0.28	0.058	0.33	<0.033
07/08/2016	NA	NA	<0.360	NA	<0.360	NA	<0.360	NA	NA	NA	<0.360	<0.360	NA	NA	<0.360	NA	<0.360	NA	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055
07/08/2016	NA	NA	<0.400	NA	<0.400	NA	<0.400	NA	NA	NA	<0.400	<0.400	NA	NA	<0.400	NA	<0.400	NA	<0.030	<0.030	<0.030	<0.030	0.037	<0.030	0.032	<0.030	<0.030	0.045	<0.030	0.079	<0.030
07/08/2016	NA	NA	<0.370	NA	<0.370	NA	<0.370	NA	NA	NA	<0.370	<0.370	NA	NA	<0.370	NA	<0.370	NA	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057
10/29/2010	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
10/28/2010	<0.415	<0.415	<0.415	<0.415	<0.415	<0.415	<0.415	<0.415	<0.415	<0.415	<0.415	<0.415	<0.415	<0.415	<0.415	<0.415	<0.415	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

The following notes summarize the color of screening level (SL) exceedances:

BOI D = Constituent detected above Laboratory Reporting Level

Depth (ft bg)	Depth (ft bg)	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Mercury	Extended Range Or	Gasoline Range Or	PC-B-1248 (Aroclor	PC-B-1254 (Aroclor	PC-B-1260 (Aroclor	Nitrogen, Ammonia	Nitrogen, Nitrate	Nitrogen, Nitrite	Phenolics, Total Recoverable	
		idental Direct Contact	100,000	43	9.5	21,000	220	NE	NE	4,300	77,000	400	2,500	2,100	550	550	66,000	1.1	66,000	550	32,000	3.1	NE	NE	NE	3.2	1.7	3.4	NE	100,000	11,000	NE
		m/Ind Direct Contact	100,000	470	30	100,000	2,300	NE	NE	47,000	100,000	800	26,000	22,000	5,800	5,800	100,000	12	100,000	5,800	100,000	3.1	NE	NE	NE	9.5	9.7	9.9	NE	100,000	100,000	NE
		avation Direct Contact	100,000	790	920	100,000	3,800	NE	NE	79,000	100,000	1,000	46,000	38,000	9,800	9,800	100,000	20	100,000	9,900	100,000	3.1	NE	NE	NE	560	33	570	NE	100,000	100,000	NE
4	6	07/07/2016	14,000	1.4	30.6	776	3	3.6	37	150	91,000	839	455	33.1	<1.2	<0.610	307	2.8	NA	43.7	1,260	0.78	NA	NA	<0.130	<0.130	<0.130	<6.6	<6.6	<6.6	1.3	
26	28	07/07/2016	8,430	<1.1	6.9	44.4	<0.530	12.6	15.3	14,200	8	8	325	18.7	<1.1	<0.530	70.3	<1.1	NA	17.4	40	<0.220	NA	NA	<0.110	<0.110	<0.110	<5.5	<5.5	<5.5	<1.1	
4	6	07/08/2016	11,900	11.3	15	270	0.59	1.4	24.6	207	48,000	1,590	443	22	<0.990	<0.500	61.3	1.2	NA	24.4	349	4.4	NA	NA	<0.120	<0.120	<0.120	<5.9	<5.9	<5.9	<1.2	
26	28	07/08/2016	8,140	<1.1	8.2	57.3	<0.530	<0.530	12.3	25.2	18,200	11.6	251	18.7	<1.1	<0.530	59.3	<1.1	NA	17.9	50.4	<0.230	NA	NA	<0.110	<0.110	<0.110	<5.5	<5.5	<5.5	<1.1	
4	6	07/08/2016	5,290	<1.1	5.3	88	<0.540	1.3	9.3	19.3	10,900	92.9	240	11.2	<1.1	<0.540	15.6	<1.1	NA	15.3	691	<0.220	NA	NA	<0.120	<0.120	<0.120	<5.8	<5.9	<5.9	<1.2	
22	24	07/08/2016	8,200	<1.0	6.5	47.1	<0.500	<0.500	12.9	15.2	13,200	6.8	330	17.7	<1.0	<0.500	69.4	1	NA	17.5	43.4	0.82	NA	NA	<0.110	<0.110	<0.110	<5.5	<5.5	<5.5	<1.1	
4	6	07/08/2016	9,860	<1.2	14.3	204	2.4	0.91	12.6	44	16,100	194	200	19.2	<1.2	<0.600	168	2.4	NA	30.3	187	<0.260	NA	NA	<0.130	<0.130	<0.130	<6.4	<6.4	<6.4	<1.2	
26	28	07/08/2016	7,010	<1.0	5.2	27.5	<0.510	<0.510	10.6	13.5	11,700	5.6	301	15.2	<1.0	<0.510	95.3	<1.0	NA	16.1	33.9	<0.230	NA	NA	<0.110	<0.110	<0.110	<5.5	<5.6	<5.6	<1.1	
2	4	07/08/2016	10,600	<1.3	23.1	222	3	2.9	17.9	43.5	22,500	273	258	18.7	<1.3	0.67	188	3.1	NA	33.5	345	1.8	NA	NA	<0.130	<0.130	<0.130	<6.6	<6.7	<6.7	<1.3	
26	28	07/08/2016	8,420	<1.0	7.8	78.2	<0.500	<0.500	13.1	18.3	16,900	8.5	287	18.5	<1.0	<0.500	64.7	<1.0	NA	19	46.7	0.42	NA	NA	<0.110	<0.110	<0.110	5.5	<5.5	<5.5	<1.1	
2	4	07/08/2016	11,000	<1.0	8.7	52.8	<0.520	<0.520	14.2	18.2	15,300	12.6	359	17.5	<1.0	<0.520	40.6	1.3	NA	25.3	52.5	0.73	NA	NA	<0.120	<0.120	0.15	<6.1	<6.1	<6.1	<1.2	
26	28	07/08/2016	9,530	<1.0	11	70.2	<0.500	<0.500	13	16.2	18,200	6.7	258	17.9	<1.0	<0.500	64.5	1.4	NA	18.8	49	<0.220	NA	NA	<0.110	<0.110	<0.110	45.8	<5.7	<5.7	<1.1	
15.5	16.5	10/29/2010	5,560	<0.48	4.5	35	NA	<0.077	10.8	14.5	13,400	15.9	392	17.7	<0.48	<0.48	147	0.22	1.6	16.5	35	<0.35	<10.9	<0.68	<0.0382	<0.0382	<0.0382	5.5	<5.5	<5.5	<1.5	
7	8	10/28/2010	12,900	<0.56	6.6	78.8	NA	0.33	13.3	17.4	23,400	11	601	20.2	<0.56	<0.56	23.8	0.33	1.2	23.7	71.8	<0.39	<12.6	<0.97	<0.044	<0.044	<0.044	<6.3	<6.3	<6.3	<1.8	

The following notes summarize the color of screening level (SL) exceedances:

BOLD = Constituent detected above Laboratory Reporting Level

Exhibit 8 - Soil Management Plan - Page 596

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Soil Management Plan Groundwater Analytical Summary

Monitoring Well ID	Date Collected	Overall	VOCs	SVOCs	PAH	Metals	Inorganics
SEMW-1	06/08/2011	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	09/12/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/13/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	03/06/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	06/29/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/11/2012	> Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/30/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/4/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
SEMW-2	06/07/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/12/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	10/7/2011	< Res Tap	NA	NA	NA	< Res Tap	NA
	10/7/2011	< Res Tap	NA	NA	NA	< Res Tap	NA
	10/17/2011	< Res Tap	NA	NA	NA	< Res Tap	NA
	12/13/2011	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap	> Res Tap
	01/04/2012	< Res Tap	NA	< Res Tap	< Res Tap	NA	NA
	1/13/2012	< Res Tap	NA	< Res Tap	< Res Tap	NA	NA
	03/05/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap
	06/28/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/12/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap
	9/25/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
SEMW-3	12/1/2010	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	4/5/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	06/08/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/13/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/14/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	03/06/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	06/29/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/11/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/26/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/24/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/1/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	2/10/2016	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/21/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/4/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap

Notes:

> Res Tap = Constituent detected above the 2017 IDEM RCG Residential Tap SL

> Com VIGWSL = Constituent detected above the 2017 IDEM RCG Com/Ind VIGWSL

IDEM = Indiana Department of Environmental Management

RCG = IDEM's 2012 Remediation Closure Guide with update (March 6, 2017)

NA = Constituents not analyzed

Com/Ind = Commercial/Industrial

VIGWSL = Vapor Intrusion Groundwater Screening Level

VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

PAHs = Polycyclic Aromatic Hydrocarbons

All screening levels are based on the RCG table A-6 screening levels with updates

PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Groundwater Analytical Summary

Monitoring Well ID	Date Collected	Overall	VOCs	SVOCs	PAH	Metals	Inorganics
SEMW-4	12/1/2010	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	4/5/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	06/08/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/13/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/13/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	03/06/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	06/28/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/11/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/21/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/4/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
SEMW-5	12/1/2010	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	4/5/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	06/08/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	09/13/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	10/7/2011	< Res Tap	NA	NA	NA	< Res Tap	NA
	10/7/2011	< Res Tap	NA	NA	NA	< Res Tap	NA
	10/17/2011	< Res Tap	NA	NA	NA	< Res Tap	NA
	12/14/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	03/06/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	06/29/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	09/11/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/22/2017	> Res Tap	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/16/2016	< Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
SEMW-6	11/30/2010	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	4/5/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	06/07/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/12/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/13/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	1/5/2012	< Res Tap	NA	NA	NA	< Res Tap	< Res Tap
	03/05/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	06/27/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/12/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/22/2017	> Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/4/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap

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PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Groundwater Analytical Summary

Monitoring Well ID	Date Collected	Overall	VOCs	SVOCs	PAH	Metals	Inorganics
SEMW-7	11/30/2010	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	4/5/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap
	06/08/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap
	09/12/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/14/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	03/05/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	06/27/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	09/12/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/24/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/30/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/11/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
SEMW-8	11/30/2010	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	4/5/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	06/07/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/12/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/12/2011	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	03/05/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	06/27/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/12/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/22/2017	> Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
SEMW-9	5/12/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	11/30/2010	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap
	4/5/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	06/07/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/12/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/12/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	03/05/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	06/27/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/12/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/24/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/22/2017	> Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/11/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap

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Monitoring Well ID	Date Collected	Overall	VOCs	SVOCs	PAH	Metals	Inorganics
SEMW-10	06/28/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	7/18/2012	> Res Tap	NA	NA	NA	> Res Tap	NA
	7/18/2012	< Res Tap	NA	NA	NA	< Res Tap	NA
	7/24/2012	> Res Tap	NA	NA	NA	> Res Tap	NA
	7/24/2012	< Res Tap	NA	NA	NA	< Res Tap	NA
	09/12/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	10/12/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	11/5/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	11/5/2012	< Res Tap	NA	NA	NA	< Res Tap	< Res Tap
	3/22/2017	> Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/22/2017 (DUP-4)	> Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/17/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/17/2017 (DUP-4)	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
SEMW-11	6/28/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/12/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	10/12/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap
	11/5/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	11/5/2012	< Res Tap	NA	NA	NA	< Res Tap	< Res Tap
	11/7/2012	> Res Tap	NA	NA	NA	NA	> Res Tap
SEMW-12	9/24/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	06/28/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	09/12/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	10/12/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	11/5/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	11/5/2012	< Res Tap	NA	NA	NA	< Res Tap	< Res Tap
	11/7/2012	< Res Tap	NA	NA	NA	NA	< Res Tap
	3/22/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
SEMW-13	5/11/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/18/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
GSMW-1	5/18/2017 (DUP-10)	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/6/2010	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	4/7/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/13/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/7/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	7/12/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	3/27/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/16/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap

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Soil Management Plan Groundwater Analytical Summary

Monitoring Well ID	Date Collected	Overall	VOCs	SVOCs	PAH	Metals	Inorganics
GSMW-2	12/3/2010	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	4/7/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/13/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/6/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/10/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	6/19/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	3/23/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/5/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
GSMW-3	12/2/2010	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	4/7/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/14/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/7/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/10/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	6/19/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	3/23/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/8/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
GSMW-4	12/6/2010	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	4/7/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/14/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/7/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	7/12/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	3/30/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/5/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
GSMW-5	12/6/2010	> Res Tap	> Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	4/7/2011	> Com VIGWSL	> Com VIGWSL	< Res Tap	> Com VIGWSL	> Res Tap	< Res Tap
	9/14/2011	> Com VIGWSL	> Com VIGWSL	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	3/7/2012	> Com VIGWSL	> Res Tap	< Res Tap	> Com VIGWSL	> Res Tap	< Res Tap
	6/20/2013	> Res Tap	> Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	3/29/2017	> Res Tap	> Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	3/29/2017 (DUP-5)	> Res Tap	> Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	5/10/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
GSMW-6	12/2/2010	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	4/7/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/14/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/6/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	6/20/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	3/23/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/8/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap

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Soil Management Plan Groundwater Analytical Summary

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GSMW-7	12/6/2010	> Com VIGWSL	> Res Tap	< Res Tap	> Com VIGWSL	< Res Tap	< Res Tap
	4/7/2011	> Res Tap	> Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	9/14/2011	> Res Tap	> Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	3/6/2012	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	6/20/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	12/11/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	3/23/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/9/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
GSMW-8	12/6/2010	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	4/7/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
GSMW-8R	3/6/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/10/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	6/19/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	3/23/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/11/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
GSMW-9	12/3/2010	> Res Tap	> Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	4/7/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/14/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/5/2012	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	6/19/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
GSMW-10	12/3/2010	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	4/7/2011	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	3/6/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/13/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	6/19/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	3/29/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/9/2017	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
GSMW-11	12/2/2010	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	4/7/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/13/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/5/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	6/19/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	5/26/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/28/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/2/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	2/11/2016	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap

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GSMW-12	4/7/2011	> Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap
	9/15/2011	> Res Tap	< Res Tap	NA	NA	> Res Tap	< Res Tap
	3/6/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/11/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap
	6/20/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	3/24/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/16/2017	> Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
GSMW-13	12/2/2010	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	4/7/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/15/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/7/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/13/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	6/20/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	5/27/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/28/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/2/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	2/11/2016	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/27/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/15/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/15/2017(DUP-6)	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
GSMW-14	4/7/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/13/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/5/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	7/11/2013	> Res Tap	> Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
GSMW-15	4/7/2011	> Res Tap	> Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	9/13/2011	> Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/6/2012	> Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	6/19/2013	> Res Tap	> Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	12/12/2013	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
GSMW-16	4/7/2011	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	9/14/2011	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	3/6/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap

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Monitoring Well ID	Date Collected	Overall	VOCs	SVOCs	PAH	Metals	Inorganics
GSMW-17	12/2/2010	> Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	1/11/2011	< Res Tap	NA	NA	NA	NA	< Res Tap
	4/7/2011	> Res Tap	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap
	9/14/2011	> Res Tap	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/8/2012	> Com VIGWSL	> Com VIGWSL	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	6/19/2013	> Com VIGWSL	> Com VIGWSL	NA	< Res Tap	> Res Tap	> Res Tap
	12/17/2014	> Com VIGWSL	> Com VIGWSL	< Res Tap	< Res Tap	> Res Tap	> Res Tap
	3/23/2017	> Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap
	5/9/2017	> Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
GSMW-18	4/5/2011	> Com VIGWSL	> Com VIGWSL	> Res Tap	> Com VIGWSL	> Res Tap	< Res Tap
	9/15/2011	> Com VIGWSL	> Com VIGWSL	> Res Tap	> Com VIGWSL	> Res Tap	< Res Tap
	3/7/2012	> Com VIGWSL	> Com VIGWSL	< Res Tap	> Com VIGWSL	> Res Tap	< Res Tap
	9/11/2012	> Com VIGWSL	> Com VIGWSL	> Res Tap	> Com VIGWSL	> Res Tap	< Res Tap
	6/20/2013	> Com VIGWSL	> Com VIGWSL	NA	> Com VIGWSL	> Res Tap	< Res Tap
	12/16/2014	> Com VIGWSL	> Com VIGWSL	> Res Tap	> Com VIGWSL	> Res Tap	< Res Tap
	3/27/2017	> Com VIGWSL	> Com VIGWSL	> Res Tap	> Com VIGWSL	> Res Tap	< Res Tap
	5/15/2017	> Com VIGWSL	> Com VIGWSL	> Res Tap	> Com VIGWSL	> Res Tap	< Res Tap
	5/15/2017(DUP-5)	> Com VIGWSL	> Com VIGWSL	> Res Tap	> Com VIGWSL	> Res Tap	< Res Tap
GSMW-19	12/1/2010	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	4/5/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/13/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/8/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	6/19/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	3/21/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/9/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
GSMW-20	3/7/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/13/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	6/19/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	3/23/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/11/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
GSMW-21	3/9/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/11/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	6/20/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	3/21/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/9/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap

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PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Groundwater Analytical Summary

Monitoring Well ID	Date Collected	Overall	VOCs	SVOCs	PAH	Metals	Inorganics
GSMW-22	3/5/2012	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	3/26/2012	< Res Tap	NA	NA	< Res Tap	NA	< Res Tap
	4/4/2012	< Res Tap	NA	NA	< Res Tap	NA	< Res Tap
	9/10/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	6/19/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	3/24/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/24/2017(DUP-6)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/12/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/12/2017(DUP-7)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
GSMW-23	7/11/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	9/18/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	12/11/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/18/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/27/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/24/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/5/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
GSMW-24	7/11/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	9/18/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/11/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/17/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/24/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/9/2017	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
GSMW-25	7/11/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	9/17/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	12/11/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	3/17/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/23/2017	> Res Tap	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/9/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
GSMW-26	7/11/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	9/17/2013	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/12/2013	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/17/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/30/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/12/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap

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Soil Management Plan Groundwater Analytical Summary

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GSMW-27	6/21/2013	> Com VIGWSL	> Com VIGWSL	NA	< Res Tap	> Res Tap	< Res Tap
	9/17/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	12/13/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	3/17/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/27/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	7/27/2015 (MWD-2)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/28/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	11/28/2015 (MWD-2)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/2/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	2/2/2015 (MW-DUP)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	2/11/2016	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	11/1/2016 (MW-DUP)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/30/2017	> Res Tap	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
GSMW-28	5/4/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	6/20/2013	> Res Tap	> Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	9/18/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/16/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/17/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/28/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/28/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/1/2015	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	2/11/2016	> Res Tap	< Res Tap	> Res Tap	< Res Tap	> Res Tap	< Res Tap
GSMW-29	3/30/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	6/21/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	9/17/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap
	12/12/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
GSMW-30	3/18/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	6/20/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	9/18/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
GSMW-31	12/11/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	6/20/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	> Res Tap
	9/18/2013	> Res Tap	> Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	12/12/2013	> Res Tap	> Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	3/18/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/24/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/10/2017	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap

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GSMW-32	9/17/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	12/10/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/16/2014	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/18/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/28/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/23/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/8/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
GSMW-33	9/18/2013	> Com VIGWSL	> Com VIGWSL	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	12/11/2013	> Com VIGWSL	> Com VIGWSL	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/16/2014	> Com VIGWSL	> Com VIGWSL	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/18/2015	> Com VIGWSL	> Com VIGWSL	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/18/2015 (MWD-2)	> Com VIGWSL	> Com VIGWSL	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/28/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/28/2015 (MWD-4)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/23/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
GSMW-35	5/9/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/16/2014	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/19/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/29/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/25/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/23/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
GSMW-36	5/9/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/27/2015	> Com VIGWSL	> Com VIGWSL	< Res Tap	> Res Tap	> Res Tap	> Res Tap
	5/29/2015	> Com VIGWSL	> Com VIGWSL	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/25/2015	> Com VIGWSL	> Com VIGWSL	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	3/23/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
CSMW-1	5/9/2017	> Res Tap	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	4/8/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap
	09/15/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	03/08/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap
	9/13/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap
	6/21/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	> Res Tap
	9/18/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap
	12/10/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	> Res Tap
	12/15/2014	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap

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Soil Management Plan Groundwater Analytical Summary

Monitoring Well ID	Date Collected	Overall	VOCs	SVOCs	PAH	Metals	Inorganics
CSMW-2	4/11/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	09/15/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	03/08/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	6/21/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	9/18/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/10/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	3/27/2017	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	5/11/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
CSMW-3	4/8/2011	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	09/15/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	03/08/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	6/21/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	9/18/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	12/11/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/28/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/12/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
CSMW-4	4/8/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	09/15/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	03/08/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/13/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap
	6/24/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	> Res Tap
	3/27/2017	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	> Res Tap
	5/11/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
CSMW-5	4/8/2011	> Res Tap	> Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	6/24/2013	> Res Tap	> Res Tap	NA	> Res Tap	> Res Tap	< Res Tap
	3/17/2015	> Res Tap	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
CSMW-6	4/11/2011	> Res Tap	> Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	09/16/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	03/09/2012	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	6/24/2013	> Res Tap	< Res Tap	NA	> Res Tap	> Res Tap	< Res Tap
	9/23/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/11/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	3/29/2017	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	5/16/2017	> Res Tap	> Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap

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CSMW-7	4/8/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/15/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	03/12/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/13/2012	> Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap
	6/24/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	3/22/2017	> Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/10/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
CSMW-8	4/11/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	09/15/2011	< Res Tap	< Res Tap	NA	NA	NA	NA
	03/12/2012	< Res Tap	< Res Tap	NA	NA	NA	NA
	6/24/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	3/17/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/17/2015 (MWD-1)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/26/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/26/2015 (MWD-1)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/24/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/24/2015 (MWD-1)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/1/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	2/10/2016	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	2/10/2016 (MW-DUP-1)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	4/3/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/15/2017	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
CSMW-9	4/11/2011	> Com VIGWSL	> Com VIGWSL	> Res Tap	> Com VIGWSL	> Res Tap	< Res Tap
CSMW-10	4/8/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/15/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	03/09/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/13/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	6/24/2013	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/21/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/10/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
CSMW-11	4/8/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/15/2011	< Res Tap	NA	NA	NA	NA	NA
	03/12/2012	< Res Tap	NA	NA	NA	NA	NA
	6/25/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	4/3/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/16/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap

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PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Groundwater Analytical Summary

Monitoring Well ID	Date Collected	Overall	VOCs	SVOCs	PAH	Metals	Inorganics
CSMW-12	4/8/2011	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	6/24/2013	> Res Tap	< Res Tap	NA	> Res Tap	> Res Tap	< Res Tap
CSMW-13	4/8/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/15/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	03/09/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/13/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	6/25/2013	< Res Tap	NA	NA	NA	NA	NA
	3/27/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/11/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
CSMW-14	4/11/2011	> Res Tap	> Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	6/24/2013	> Res Tap	> Res Tap	NA	> Res Tap	> Res Tap	< Res Tap
	3/28/2017	> Res Tap	> Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	3/28/2017 (DUP-2)	> Res Tap	> Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	5/16/2017	< Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	5/16/2017 (DUP-3)	< Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
CSMW-15	4/8/2011	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	09/15/2011	< Res Tap	< Res Tap	NA	NA	NA	NA
	03/12/2012	< Res Tap	< Res Tap	NA	NA	NA	NA
	9/13/2012	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	6/24/2013	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/21/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/10/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
CSMW-16	06/25/2013	> Com VIGWSL	> Com VIGWSL	NA	> Com VIGWSL	> Res Tap	< Res Tap
	9/24/2013	> Com VIGWSL	> Res Tap	> Res Tap	> Com VIGWSL	> Res Tap	> Res Tap
	12/16/2013	> Com VIGWSL	> Res Tap	> Res Tap	> Com VIGWSL	> Res Tap	< Res Tap
	3/17/2015	> Res Tap	> Res Tap	> Res Tap	> Res Tap	> Res Tap	< Res Tap
	3/29/2017	> Res Tap	> Res Tap	> Res Tap	> Res Tap	> Res Tap	< Res Tap
	5/12/2017	> Com VIGWSL	> Com VIGWSL	> Res Tap	> Res Tap	> Res Tap	< Res Tap
CSMW-17	06/25/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	9/24/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	> Res Tap
	12/17/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/15/2014	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/17/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/29/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap
	3/29/2017 (DUP-3)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap
	5/12/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap

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CSMW-18	06/25/2013	> Res Tap	< Res Tap	NA	> Res Tap	> Res Tap	< Res Tap
	9/24/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	12/16/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
CSMW-19	06/25/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	9/23/2013	> Res Tap	< Res Tap	> Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/16/2013	> Res Tap	< Res Tap	> Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/16/2014	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/17/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/28/2017	> Res Tap	< Res Tap	> Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/16/2017	> Res Tap	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
CSMW-20	9/24/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/11/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
CSMW-21	9/23/2013	> Res Tap	> Res Tap	> Res Tap	> Res Tap	> Res Tap	> Res Tap
	12/12/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	3/18/2015	> Res Tap	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap
	5/26/2015	> Res Tap	> Res Tap	> Res Tap	> Res Tap	> Res Tap	> Res Tap
CSMW-22	9/23/2013	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/11/2013	> Res Tap	> Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	3/18/2015	> Res Tap	> Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	5/27/2015	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	3/28/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/12/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
CSMW-23	9/23/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	12/12/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	4/3/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/15/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
CSMW-24	9/23/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/12/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/27/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/11/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
CSMW-25	9/23/2013	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/12/2013	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/22/2017	> Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/10/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap

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CSMW-26	9/24/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/13/2013	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
CSMW-27	9/23/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/13/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	4/3/2017	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	5/15/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
CSMW-28	9/23/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/13/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
CSMW-29	9/23/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/16/2013	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/26/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/24/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/1/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	2/10/2016	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	4/3/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/15/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
CSMW-30	5/15/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
CSMW-31	5/15/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap
BBMW-1	05/19/2011	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	NA
	06/09/2011	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	09/16/2011	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	03/14/2012	> Res Tap	< Res Tap	NA	> Res Tap	< Res Tap	< Res Tap
	4/4/2012	< Res Tap	NA	NA	< Res Tap	< Res Tap	< Res Tap
	06/18/2012	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	09/13/2012	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	06/25/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	5/27/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/27/2015 (MWD-3)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/25/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/25/2015 (MWD-3)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/2/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/2/2015 (MW-DUP-1)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	2/11/2016	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/28/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/10/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap

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BBMW-2	05/19/2011 ^S	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	05/19/2011 ^{DP}	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	06/09/2011 ^S	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	06/09/2011 ^{DP}	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	09/16/2011	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	03/14/2012	> Res Tap	< Res Tap	NA	> Res Tap	< Res Tap	< Res Tap
	4/4/2012	< Res Tap	NA	NA	< Res Tap	< Res Tap	NA
	06/18/2012	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	09/13/2012	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	06/25/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	3/28/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/28/17 (DUP-7)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/9/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
BBMW-3	06/26/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	9/19/2013	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/10/2013	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/27/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/2/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
BBMW-4	06/26/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	9/19/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/10/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/30/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/30/2017 (DUP-9)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/8/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/8/2017 (DUP-11)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
BBMW-5	06/27/2013	> Com VIGWSL	> Res Tap	NA	> Com VIGWSL	> Res Tap	< Res Tap
	9/19/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	12/11/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	12/18/2014	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	3/18/2015	> Com VIGWSL	< Res Tap	< Res Tap	> Com VIGWSL	> Res Tap	< Res Tap
	3/18/2015 (MWD-3)	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	4/3/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/11/2017	> Com VIGWSL	< Res Tap	< Res Tap	> Com VIGWSL	> Res Tap	< Res Tap

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BBMW-6	06/26/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	9/19/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/11/2013	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/27/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/25/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/2/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
BBMW-7	06/26/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	9/19/2013	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/11/2013	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/27/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/3/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
BBMW-8A	6/26/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	9/19/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	12/10/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	5/3/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
BBMW-8B	06/26/2013	> Res Tap	< Res Tap	NA	> Res Tap	< Res Tap	< Res Tap
	9/19/2013	> Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap	< Res Tap
	12/10/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	3/28/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/28/2017(DUP-1)	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/15/2017	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
BBMW-9	5/15/2017(DUP-2)	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	06/26/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	9/19/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	12/12/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/18/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
BBMW-10	06/26/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	9/20/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/12/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
BBMW-11A	06/26/2013	> Res Tap	> Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	3/19/2015	> Res Tap	< Res Tap	> Res Tap	> Res Tap	> Res Tap	< Res Tap
BBMW-11B	06/27/2013	> Com VIGWSL	> Com VIGWSL	NA	> Com VIGWSL	< Res Tap	< Res Tap
	3/19/2015	> Res Tap	> Com VIGWSL	> Res Tap	> Res Tap	> Res Tap	< Res Tap

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	9/20/2013	> Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/13/2013	> Res Tap	> Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
BBMW-13	06/27/2013	> Res Tap	< Res Tap	NA	> Res Tap	> Res Tap	< Res Tap
	9/20/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	12/13/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/28/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/28/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/2/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	2/11/2016	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/27/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/3/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap
BBMW-14	06/27/2013	> Com VIGWSL	> Com VIGWSL	NA	> Com VIGWSL	< Res Tap	< Res Tap
BBMW-17	6/26/2013	> Com VIGWSL	> Com VIGWSL	NA	> Com VIGWSL	> Res Tap	< Res Tap
BBMW-18A	06/27/2013	> Com VIGWSL	> Com VIGWSL	NA	> Com VIGWSL	< Res Tap	< Res Tap
	12/17/2014	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	3/19/2015	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
BBMW-18B	06/27/2013	> Com VIGWSL	> Com VIGWSL	NA	> Com VIGWSL	< Res Tap	< Res Tap
	3/19/2015	> Com VIGWSL	> Com VIGWSL	> Res Tap	> Com VIGWSL	< Res Tap	< Res Tap
BBMW-20	06/27/2013	> Com VIGWSL	> Res Tap	NA	> Com VIGWSL	> Res Tap	< Res Tap
	3/19/2015	> Res Tap	> Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
BBMW-21	06/26/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	9/20/2013	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	12/11/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/17/2014	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/19/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/19/2015 (MWD-4)	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	3/27/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
BBMW-22	5/8/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	06/26/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	9/20/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/11/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	3/28/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/8/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap

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VIGWSL = Vapor Intrusion Groundwater Screening Level

VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

PAHs = Polycyclic Aromatic Hydrocarbons

All screening levels are based on the RCG table A-6 screening levels with updates

PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Groundwater Analytical Summary

Monitoring Well ID	Date Collected	Overall	VOCs	SVOCs	PAH	Metals	Inorganics
BBMW-23	4/11/2011	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	09/16/2011	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	03/08/2012	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	9/13/2012	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	06/25/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	4/4/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/2/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
BBMW-24	4/12/2011	> Com VIGWSL	> Com VIGWSL	NA	< Res Tap	< Res Tap	< Res Tap
	09/19/2011	> Com VIGWSL	> Com VIGWSL	NA	< Res Tap	< Res Tap	< Res Tap
	03/09/2012	> Com VIGWSL	> Com VIGWSL	NA	< Res Tap	< Res Tap	< Res Tap
	06/26/2013	> Res Tap	> Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	9/20/2013	> Res Tap	> Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	12/12/2013	> Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/18/2014	> Res Tap	> Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
BBMW-25	4/16/2011	> Com VIGWSL	> Com VIGWSL	NA	> Res Tap	< Res Tap	< Res Tap
BBMW-27	4/11/2011	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	09/16/2011	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	03/09/2012	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	9/13/2012	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	06/25/2013	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
BBMW-28	4/12/2011	> Com VIGWSL	> Com VIGWSL	NA	> Com VIGWSL	< Res Tap	< Res Tap
	06/27/2013	> Com VIGWSL	> Com VIGWSL	NA	> Com VIGWSL	> Res Tap	< Res Tap
BBMW-29	4/11/2011	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	09/16/2011	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	03/09/2012	< Res Tap	< Res Tap	NA	< Res Tap	< Res Tap	< Res Tap
	06/26/2013	> Res Tap	< Res Tap	NA	< Res Tap	> Res Tap	< Res Tap
	9/20/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/12/2013	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
BBMW-30	12/18/2014	> Res Tap	< Res Tap	> Res Tap	> Com VIGWSL	< Res Tap	< Res Tap
	3/19/2015	> Res Tap	< Res Tap	> Res Tap	> Res Tap	> Res Tap	< Res Tap
	5/28/2015	> Res Tap	> Res Tap	> Res Tap	> Res Tap	> Res Tap	< Res Tap
	9/28/2015	> Com VIGWSL	> Res Tap	> Res Tap	> Com VIGWSL	> Res Tap	< Res Tap
	3/27/2017	> Com VIGWSL	> Res Tap	> Res Tap	> Com VIGWSL	< Res Tap	< Res Tap
	5/8/2017	> Com VIGWSL	< Res Tap	> Res Tap	> Com VIGWSL	< Res Tap	< Res Tap

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VIGWSL = Vapor Intrusion Groundwater Screening Level

VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

PAHs = Polycyclic Aromatic Hydrocarbons

All screening levels are based on the RCG table A-6 screening levels with updates

PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Groundwater Analytical Summary

Monitoring Well ID	Date Collected	Overall	VOCs	SVOCs	PAH	Metals	Inorganics
BBMW-34	05/17/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
BBMW-35	05/16/2017	> Res Tap	< Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
BBMW-36	05/17/2017	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
	05/17/2017 (DUP: 8)	> Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap	< Res Tap
BBMW-37	05/18/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
BBMW-38	05/18/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
BBMW-39	05/18/2017	> Com VIGWSL	< Res Tap	> Res Tap	> Com VIGWSL	< Res Tap	< Res Tap
BBMW-40	05/18/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
BBMW-42	05/18/2017	> Res Tap	> Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
	05/18/2017 (DUP: 9)	> Res Tap	> Res Tap	< Res Tap	> Res Tap	> Res Tap	< Res Tap
BBMW-43	05/17/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
DW-1	5/28/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/28/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/1/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	2/10/2016	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/2/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
DW-2	5/27/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/25/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/2/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	2/11/2016	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/8/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
DW-3	5/28/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/25/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/1/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	2/11/2016	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/8/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
DW-4	5/28/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/28/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/2/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	2/11/2016	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/3/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
DW-5	5/26/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/24/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/1/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	2/10/2016	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/3/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap

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VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

PAHs = Polycyclic Aromatic Hydrocarbons

All screening levels are based on the RCG table A-6 screening levels with updates

PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Soil Management Plan Groundwater Analytical Summary

Monitoring Well ID	Date Collected	Overall	VOCs	SVOCs	PAH	Metals	Inorganics
DW-6	05/26/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	9/25/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	12/1/2015	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	2/10/2016	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
	5/3/2017	> Res Tap	< Res Tap	< Res Tap	< Res Tap	> Res Tap	< Res Tap
DW-7	5/27/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	9/28/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	12/2/2015	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	2/11/2016	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap
	5/4/2017	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap	< Res Tap

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VIGWSL = Vapor Intrusion Groundwater Screening Level

VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

PAHs = Polycyclic Aromatic Hydrocarbons

All screening levels are based on the RCG table A-6 screening levels with updates

PAHs screened against the IDEM's July 2017 Benzo(a)pyrene Toxicity Update Announcement

Residential Tap SL	1,1-Dichloroethene	1,2-Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Chloroform	Ethylbenzene	Isooctane	Isopropylbenzene (Cumene)	Methylene Chloride	Naphthalene	Styrene	Toluene	Xylene (Total)	o-1,2-Dichlorobenzene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	All Remaining	2,4-Dimethylpentane	3-Methylphenol (Cresol)	4-Methylphenol (Cresol)	Dibenzofuran	Naphthalene	Phenol	o-Ethylphenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	
only find VIGWSL	0.028	0.007	0.013	0.12	0.005	0.08	NE	NE	NE	0.45	0.0017	0.1	1	10	0.07	5.6	NE	NE	NE	NE	NE	NE	NE	0.0079	0.0017	5.8	0.006	0.53	NE	1.8	0.0003	
06/08/2011	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	NE	NE	<0.0050	<0.0050	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
09/12/2011	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	NE	NE	<0.0050	<0.0050	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
12/13/2011	<0.005	<0.004	<0.004	<0.004	<0.005	<0.005	NE	NE	<0.005	<0.005	<0.004	<0.004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	BRL	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
03/06/2012	<0.005	<0.004	<0.004	<0.004	<0.005	<0.005	NE	NE	<0.005	<0.005	<0.004	<0.004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	BRL	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
06/29/2012	<0.005	<0.004	<0.004	<0.004	<0.005	<0.005	NE	NE	<0.005	<0.005	<0.004	<0.004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	BRL	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
09/11/2012	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	NE	NE	<0.0050	<0.0050	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
03/30/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NE	NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
05/04/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NE	NE	<0.0050	<0.0050	<0.004	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
6/7/2011	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	NE	NE	<0.0050	<0.0050	<0.004	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
09/12/2011	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	NE	NE	<0.0050	<0.0050	<0.004	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
10/7/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
10/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
12/13/2011	<0.005	<0.004	<0.004	<0.004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.004	<0.004	<0.004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	BRL	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
01/04/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1/13/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
03/05/2012	<0.005	<0.004	<0.004	<0.004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.004	<0.004	<0.004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	BRL	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
06/28/2012	<0.005	<0.004	<0.004	<0.004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.004	<0.004	<0.004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	BRL	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
09/12/2012	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.004	<0.004	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
9/25/2015	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.004	<0.004	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
12/1/2010	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
4/5/2011	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
06/08/2011	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
09/13/2011	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
12/14/2011	<0.005	<0.004	<0.004	<0.004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.004	<0.004	<0.004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	BRL	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
03/06/2012	<0.005	<0.004	<0.004	<0.004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.004	<0.004	<0.004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	BRL	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
06/29/2012	<0.005	<0.004	<0.004	<0.004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.004	<0.004	<0.004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	BRL	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
09/11/2012	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
5/26/2015	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
9/24/2015	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
12/1/2015	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
2/10/2016	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0040	<0.0040	<0.0040	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050</								

BOLD	= Constituent detected above the 2017 IDEM RCG Residential Tap SL
BOLD	= Constituent detected above the 2017 IDEM RCG Com/Ind VIGWSL

Initial Tap SL	Benzo(a)pyrene	Fluorene	Indeno(1,2,3-c,d)pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	All Remaining	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Nitrogen, Ammonia	Nitrogen, Nitrate	1	
NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
06/08/2011	<0.0010	<0.0010	<0.0010	<0.0010	0.0017	0.0017	<0.0010	BRL	0.326	<0.0005	0.0017	0.172	<0.0008	0.0092	0.0012	16.8	0.0028	0.612	<0.002	0.0088	<0.0022	<0.0005	1.98	<0.001	<0.0005	0.001	0.0118	0.67	<0.1	<0.1	
09/12/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.0308	<0.0005	0.00056	0.195	<0.0008	0.0081	0.0025	12.6	0.0017	0.316	<0.002	0.0146	<0.0005	<0.0005	1.7	<0.001	<0.0005	0.00032	<0.005	0.6	<0.1	<0.1	
12/13/2011	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	BRL	0.0657	<0.0005	0.00063	0.206	<0.0008	0.0091	0.00063	12.2	0.0015	0.339	<0.002	0.00058	<0.0005	<0.0005	1.59	<0.001	<0.0005	0.00046	0.0075	0.72	0.72	<0.1	
03/06/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	BRL	0.0345	<0.0005	0.00065	0.229	<0.0008	0.0065	<0.0005	11.6	0.0012	0.397	<0.002	0.00015	<0.0005	<0.0005	1.87	<0.001	<0.0005	0.0003	0.0068	0.49	<0.1	<0.1	
06/29/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	BRL	0.106	<0.001	0.0011	0.221	<0.0001	0.0007	<0.001	10.6	0.0014	0.294	<0.002	0.0012	<0.001	<0.0001	1.62	<0.001	<0.0005	<0.001	0.0057	0.51	<0.1	<0.1	
09/11/2012	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.0553	<0.0010	<0.0010	0.208	<0.00010	0.0023	<0.0010	10.9	<0.0010	0.272	<0.0020	0.0016	<0.0010	<0.0010	1.92	<0.0010	<0.0050	<0.0010	<0.0050	0.54	0.52	<0.10	<0.10
03/30/2017	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	<0.200	<0.0060	<0.010	0.22	<0.0020	<0.010	<0.010	6.7	<0.010	0.24	<0.0020	<0.010	<0.010	<0.010	1.6	<0.0010	NA	<0.010	<0.020	0.54	<0.100	<0.100	
05/04/2017	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	<0.200	<0.0060	<0.010	0.21	<0.0020	<0.010	<0.010	6.8	<0.010	0.24	<0.0020	<0.010	<0.010	<0.010	1.5	<0.0010	NA	<0.010	<0.020	0.5	<0.100	<0.100	
6/7/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	1.16	<0.0005	0.0024	0.0762	0.00014	0.0023	0.0079	2.83	0.0084	0.0616	<0.001	0.0046	0.0166	<0.0005	0.715	<0.001	<0.0005	0.0039	0.023	<0.1	9.2	<0.1	
09/12/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.994	<0.0005	0.0023	0.102	0.00035	0.0022	0.0086	2.48	0.0214	0.178	<0.002	0.0047	0.022	<0.0005	1.04	<0.001	<0.0005	0.0039	0.0399	<0.1	5.7	<0.1	
10/7/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
10/17/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
12/13/2011	0.0052	0.0044	<0.001	0.0052	<0.001	<0.001	<0.001	BRL	0.349	<0.0005	0.00098	0.998	0.00013	0.0025	0.0038	0.953	0.0038	0.0385	<0.002	0.0036	0.0298	<0.0005	1.23	<0.001	<0.0005	0.0015	0.0106	<0.1	14.1	<0.2	
01/04/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	BRL	NA	NA	NA	NA	NA	NA	NA	NA	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1/13/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	BRL	NA	NA	NA	NA	NA	NA	NA	NA	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
03/05/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	BRL	0.0717	<0.0005	<0.0005	0.0811	<0.0008	0.0007	0.002	0.22	0.0085	0.0071	<0.002	0.0017	0.0255	<0.0005	1.08	<0.001	<0.0005	0.00045	<0.005	<0.1	10.7	<0.2	
06/28/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	BRL	0.25	<0.001	<0.001	0.106	<0.0010	0.0027	0.0031	0.649	0.0021	0.0121	<0.002	0.0031	0.0349	<0.0001	1.43	<0.001	<0.0005	0.0011	0.0067	0.37	8.5	<0.1	
09/12/2012	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.0895	<0.0010	<0.0010	0.0879	<0.00010	<0.0010	0.0029	0.16	0.001	0.0044	<0.0020	0.0026	0.0426	<0.00010	1.4	<0.0010	<0.0050	<0.0010	0.0097	<0.10	13.6	<0.20	
9/25/2015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	<0.20	<0.0060	<0.010	0.085	<0.0020	<0.010	<0.010	0.24	<0.010	<0.010	<0.0020	<0.010	0.015	<0.010	0.87	<0.0010	NA	<0.010	<0.020	<0.10	4	<0.20	
12/1/2010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.0149	0.00073	0.00059	0.0904	<0.0008	0.0014	0.0041	0.248	0.0023	0.107	<0.002	0.0024	0.041	<0.0005	0.716	<0.001	<0.0005	0.00038	<0.005	<0.1	2.5	<0.1	
4/5/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.0152	0.0006	<0.0005	0.0735	<0.0008	<0.0005	0.0022	0.0633	0.0018	0.0645	<0.002	0.0012	0.0592	<0.0005	0.607	<0.001	<0.0005	0.00031	<0.005	0.77	1.6	<0.1	
06/08/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.0112	0.00061	0.00061	0.113	0.00091	<0.0005	0.0024	0.0626	0.00016	0.318	<0.002	0.0022	0.011	<0.0005	1.22	<0.001	<0.0005	0.00033	<0.005	<0.1	0.82	<0.1	
09/13/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.0905	0.00078	<0.0005	0.103	<0.0008	<0.0005	0.0014	0.194	0.0029	0.269	<0.002	0.0021	0.0089	<0.0005	0.945	<0.001	<0.0005	0.00061	<0.005	<0.1	0.47	<0.1	
12/14/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	BRL	0.092	0.00069	0.00064	0.105	0.0001	0.00072	0.002	0.582	0.00346	0.329	<0.002	0.002	0.0068	<0.0005	0.955	<0.001	<0.0005	0.00084	<0.005	<0.1	<0.1	<0.1	
03/06/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	BRL	0.0053	0.00055	0.00052	0.102	<0.0008	0.001	0.001	0.095	<0.001	0.257	<0.002	0.0017	0.0125	<0.0005	0.932	<0.001	<0.0005	0.00041	<0.005	<0.1	<0.1	<0.1	
06/29/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	BRL	0.0879	<0.001	<0.001	0.102	<0.0001	<0.001	0.0013	0.335	<0.001	0.325	<0.002	0.0019	<0.001	<0.0001	0.795	<0.001	<0.0005	<0.001	<0.005	<0.1	<0.1	<0.1	
09/11/2012	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.0102	<0.0010	<0.0010	0.116	<0.00010	0.0015	0.0017	0.154	<0.0010	0.242	<0.0020	0.0022	0.0199	<0.00010	0.978	<0.0010	<0.0050	<0.0010	0.006	0.12	<0.10	<0.10	
5/26/2015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	<0.20	<0.0060	<0.010	<0.0040	<0.0020	<0.010	<0.010	0.17	<0.010	<0.010	<0.0020	<0.010	0.042	<0.010	1.1	<0.0020	NA	<0.010	<0.020	<0.10	0.11	<0.10	
24/24/2015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	<0.20	<0.0060	<0.010	<0.0040	<0.0020	<0.010	<0.010	0.17	<0.010	<0.010	<0.0020	<0.010	0.042	<0.010	1.7	<0.0010	NA	<0.010	<0.020	<0.10	0.11	<0.10	
11/1/2015	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	BRL	<0.20	<0.0060	<0.010	0.14	<0.0020	<0.010	0.012	<0.10	<0.010	0.2	<0.0020	<0.010	0.01	<0.010	1.4	<0.0010	NA	0.012	<0.020	<0.10	0.19	<0.10	
<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	<0.20	<0.0060	<0.010	0.13	<0.0020	<0.010	0.012	<0.10	<0.010	0.22	<0.0020	<0.010	0.014	<0.010	1.4	<0.0010	NA	0.012	<0.020	<0.10	0.19	<0.10	
<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	<0.20	<0.0060	<0.010	0.13	<0.0020	<0.010	<0.010	0.2	<0.010	0.31	<0.0020	<0.010	<0.010	1.5	<0.0010	NA	<0.010	<0.020	<0.10	<0.10	<0.10		
<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	<0.200	<0.0060	<0.010	0.120	<0.0020	<0.010	<0.010	0.16	<0.010	0.13	<0.0020	<0.010	<0.010	1.2	<0.0010	NA	<0.010	<0.020	<0.100	0.24	<0.100		
105/04/2017	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	<0.200	<0.0060	<0.010	0.14	<0.0020	<0.010	<0.010	0.44	<0.010	0.36	<0.0020	<0.010	<0.010	<0.010	1.2	<0.0010	NA	<0.010	<0.020	0.18	<0.100	<0.100	
12/12/2010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.15	0.00074	0.00051	0.0939	0.00032	0.001																	

BOLD = Constituent detected above Laboratory Reporting Level

BOLD = Constituent detected above the 2017 IDEM RCG Residential Tap SL

BOLD = Constituent detected above the 2017 IDEM RCG Com/Ind VIGWSL

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[illegible]

BOLD = Constituent detected above the 2017 IDEM RCG Residential Tap SL

BOLD = Constituent detected above the 2017 IDEM RCG Com/Ind VIGWSL

Initial Tap SL	Benzo(a,b)pyrene	Benzo(a)fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methylnaphthalene	Phenanthrene	Pyrene	All Remaining	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Nitrogen, Ammonia	Nitrogen, Nitrate	Nitrogen	
and VIGWSL	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
12/1/2010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.0955	<0.0005	0.0061	0.159	<0.0008	0.001	<0.0005	4.78	0.0094	0.292	<0.002	0.0014	<0.0005	<0.0005	1.56	<0.0001	<0.0005	0.00028	<0.005	1.4	<0.1	<0.1	
4/5/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	<0.004	0.0014	0.0052	0.0541	0.086	<0.005	0.0114	0.431	0.0015	0.458	<0.002	0.02	0.0445	<0.0005	2.1	0.00013	<0.0005	0.00015	0.594	<0.1	0.93	<0.1	
06/08/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	<0.002	0.0017	0.00096	0.0486	0.0124	0.00082	0.0129	0.745	0.00124	0.214	<0.002	0.0168	0.0132	<0.0005	2.15	0.00016	<0.0005	0.00028	0.69	<0.1	2.1	<0.1	
09/13/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.01	0.00095	0.0037	0.0486	0.0111	0.00018	0.0163	3.3	0.054	1.44	<0.002	0.016	<0.0005	<0.0005	2.76	0.00016	<0.0005	0.00065	0.406	0.24	<0.1	<0.1	
10/7/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0042	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
10/7/2011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0112	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
12/14/2011	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	BRL	0.0143	0.00068	0.0011	0.05	0.0043	0.0011	0.0087	1.3	0.0094	0.656	<0.002	0.008	0.0082	<0.0005	1.85	<0.0001	<0.0005	0.00026	0.151	0.61	0.58	<0.1	
03/06/2012	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	BRL	<0.004	0.0013	0.00057	0.0376	0.0039	0.00067	0.0076	1.03	0.00085	0.1	<0.002	0.0095	0.0108	<0.0005	1.86	<0.0001	<0.0005	0.00014	0.272	<0.1	0.21	<0.1	
06/29/2012	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	BRL	<0.001	<0.0005	<0.0001	0.0456	0.0043	<0.001	0.0063	2.29	0.00085	1.72	<0.002	0.0179	<0.0001	<0.0001	1.83	<0.0001	<0.0005	<0.0001	0.179	0.78	<0.1	<0.1	
09/11/2012	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.0216	<0.0010	0.0103	0.111	0.0027	0.0033	0.0182	11.6	0.086	1.04	<0.020	0.0132	<0.0010	2.21	<0.0010	<0.0010	<0.0010	0.001	0.207	2.2	0.1	<0.1	
03/22/2017	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	<0.200	<0.0060	<0.010	0.06	0.0079	<0.010	0.015	4.4	<0.010	<0.010	<0.020	0.011	<0.010	<0.010	1.5	<0.0010	<0.0010	NA	<0.100	<0.100	<0.100	<0.100	
05/16/2017	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	<0.200	<0.0060	<0.010	0.052	0.0072	<0.010	<0.010	0.19	<0.010	<0.010	<0.020	<0.010	0.013	<0.010	1.5	<0.0010	NA	<0.100	0.33	<0.100	0.61	<0.100	
11/30/2010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.0191	0.00062	<0.0005	0.0825	<0.0008	0.0011	0.0064	<0.05	0.0034	0.042	<0.002	NA	0.0037	<0.0005	0.257	<0.0001	<0.0005	0.0003	0.0096	<0.1	1.8	<0.1	
4/5/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.0104	<0.0005	<0.0005	0.102	<0.0008	0.0006	0.0012	<0.05	0.0011	0.0063	<0.002	0.0061	0.0028	<0.0005	0.206	<0.0001	<0.0005	<0.0001	<0.005	<0.1	3.6	<0.1	
06/07/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.0094	<0.0005	<0.0005	0.0961	<0.0008	<0.0005	0.0035	<0.05	0.0029	0.0055	<0.002	0.0069	0.0065	<0.0007	0.258	<0.0001	<0.0005	0.00013	<0.005	<0.1	3.4	<0.1	
09/12/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.0121	<0.0005	<0.0005	0.0945	<0.0008	0.00052	0.002	<0.05	0.0073	0.0021	<0.002	0.002	0.0073	<0.0005	0.408	<0.0001	<0.0005	0.0002	<0.005	<0.1	3	<0.1	
12/13/2011	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	BRL	0.0731	0.00053	<0.0005	0.0772	<0.0008	0.00061	0.0019	0.138	0.0031	0.0055	<0.002	0.0087	0.0056	<0.0005	0.185	<0.0001	<0.0005	0.00053	<0.005	<0.1	0.36	<0.1	
1/5/2012	NA	NA	NA	NA	NA	NA	NA	BRL	1.01	<0.0005	0.002	0.249	0.00027	0.207	0.0141	3.71	0.0042	0.824	<0.002	NA	0.0144	<0.0005	1.97	<0.0001	<0.0005	<0.0005	0.0058	0.606	<0.1	4.8	<0.1
03/05/2012	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	BRL	0.0068	<0.0005	<0.0005	0.0948	<0.0008	<0.0005	0.0019	<0.05	0.0011	0.0019	<0.002	0.0014	0.0075	<0.0005	0.545	<0.0001	<0.0005	0.00022	<0.005	<0.1	1.8	<0.1	
06/27/2012	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	BRL	0.0127	<0.0001	<0.0001	0.119	<0.0001	<0.0001	0.0027	0.0323	<0.0001	0.0116	<0.002	0.0035	0.0167	<0.0001	0.57	<0.0001	<0.0005	<0.0001	<0.005	<0.1	6	<0.1	
09/12/2012	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	<0.010	<0.0010	<0.0010	0.12	<0.0010	<0.010	0.004	<0.010	<0.0010	<0.0010	<0.020	0.0011	0.0047	<0.0010	0.274	<0.0010	<0.0050	<0.0010	0.0052	<0.10	3.3	<0.1	
03/22/2017	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	<0.200	<0.0060	<0.010	0.18	<0.0020	<0.010	<0.010	<0.100	<0.010	<0.010	<0.020	<0.010	<0.010	<0.010	0.48	<0.0010	NA	<0.0010	<0.020	<0.100	1.5	<0.100	
05/04/2017	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	<0.200	<0.0060	<0.010	0.08	<0.0020	<0.010	<0.010	<0.100	<0.010	<0.010	<0.020	<0.010	<0.010	<0.010	0.15	<0.0010	NA	<0.0010	<0.020	<0.100	0.99	<0.100	
11/30/2010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	1.01	<0.0005	0.002	0.249	0.00027	0.207	0.0141	3.71	0.0042	0.824	<0.002	NA	0.0144	<0.0005	1.97	<0.0001	<0.0005	<0.0005	0.0058	0.606	<0.1	4.8	<0.1
4/5/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.0464	<0.0005	<0.0005	0.151	0.00014	0.00072	0.0014	0.1	0.00027	0.29	<0.002	0.0038	0.0202	<0.0005	1.58	<0.0001	<0.0005	0.00047	0.028	<0.1	10.6	<0.1	
06/08/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.191	<0.0005	<0.0005	0.138	0.00094	0.00085	0.0022	<0.05	0.0064	0.0563	<0.002	0.0018	0.0198	<0.0005	1.58	<0.0001	<0.0005	0.00099	0.0135	<0.1	13.1	<0.1	
09/12/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.125	<0.0005	<0.0005	0.157	0.00017	0.00091	0.002	0.271	0.00088	0.353	<0.002	0.0005	0.0146	<0.0005	1.3	<0.0001	<0.0005	0.00084	0.0283	<0.1	7.9	<0.1	
12/14/2011	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	BRL	0.44	<0.0005	0.00063	0.174	0.00018	<0.0005	0.0029	0.983	0.0015	0.328	<0.002	0.0054	0.0224	<0.0005	1.39	<0.0001	<0.0005	0.00021	0.0334	<0.1	9.9	<0.1	
05/05/2012	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	BRL	0.0137	<0.0005	<0.0005	0.218	0.00015	0.00059	0.0017	<0.05	0.0002	0.404	<0.002	0.005	0.0286	<0.0005	1.51	<0.0001	<0.0005	0.00046	0.038	<0.1	8.6	<0.1	
09/12/2012	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	BRL	0.0913	<0.0001	<0.0001	0.244	0.00019	0.00016	0.002	0.216	<0.0001	0.633	<0.002	0.007	0.028	<0.0001	1.73	<0.0001	<0.0005	<0.0001	0.0394	<0.1	4.4	<0.1	
12/17/2012	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.0108	<0.0010	<0.0010	0.192	0.00013	<0.0010	0.0035	<0.010	<0.0010	0.197	<0.0020	0.0035	0.0236	<0.00010	1.57	<0.0010	<0.0050	<0.0010	0.0307	<0.10	8.7	<0.10	
03/24/2015	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	BRL	<0.20	<0.0060	<0.010	0.087	<0.0020	<0.010	<0.010	15.8	<0.010	0.97	<0.0020	0.028	0.011	<0.010	1.4	<0.0010	NA	<0.010	<0.020	<0.10	3.9	<0.10	
10/30/2017	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	<0.200	<0.0060	<0.010	0.12	<0.0020	<0.010	<0.010	<0.100	<0.010	0.053	<0.0020	<0.010	<0.010	<0.010	1.0	<0.0010	NA	<					

[illegible]

BOLD = Constituent detected above Laboratory Reporting Level

BOLD = Constituent detected above the 2017 IDEM RCG Residential Tap SL

BOLD = Constituent detected above the 2017 IDEM RCG Com/Ind VIGWSL

Initial Tap SL	Benz(a,b)pyrene	Fluorene	Indeno(1,2,3-c,d)pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	All Remaining	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Nitrogen, Ammonia	Nitrogen, Nitrate	Nitrogen, Nitrite
and VIGWSL	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
11/30/2010	<0.00010	<0.00010	<0.00010	<0.011	<0.0010	<0.0010	<0.0010	BRL	0.0283	<0.0005	<0.0005	0.0672	<0.00008	0.0019	0.0012	0.0958	0.00017	0.247	<0.002	NA	0.0099	<0.0005	1.36	0.00011	<0.0005	0.00025	0.00026	29.4	137	0.12
4/3/2011	<0.00011	<0.00011	<0.00011	<0.011	<0.0011	<0.0011	<0.0011	BRL	0.04	<0.0005	<0.0005	0.0372	<0.00008	0.00066	0.0011	0.487	0.00022	0.145	<0.002	0.0038	0.0227	<0.0005	1.12	<0.0001	<0.0001	0.00024	0.00069	6.9	5.7	<0.1
06/07/2011	<0.00010	<0.00010	<0.00010	<0.010	<0.0010	<0.0010	<0.0010	BRL	0.0104	<0.0005	<0.0005	0.0481	<0.00008	0.00075	0.0021	0.137	<0.00005	0.107	<0.002	0.0031	0.0135	<0.0005	1.46	<0.0001	<0.0005	0.00012	0.00095	7.3	7	<0.1
09/12/2011	<0.00010	<0.00010	<0.00010	<0.010	<0.0010	<0.0010	<0.0010	BRL	0.71	<0.0005	0.00013	0.0426	0.00013	0.00075	0.0081	2.63	0.00054	0.483	<0.002	0.0401	0.0018	<0.0005	1.12	<0.0001	<0.0005	0.00024	0.00213	34.2	3.2	<0.1
12/12/2011	<0.0001	<0.0001	<0.0001	<0.001	<0.0001	<0.0001	<0.0001	BRL	0.358	<0.0005	0.00071	0.046	0.000088	0.00035	0.0017	0.927	0.0001	0.112	<0.002	0.0055	0.0328	<0.0005	1.31	<0.0001	<0.0005	0.00013	0.00058	6.1	6.2	<0.1
03/05/2012	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	BRL	0.0194	<0.0005	<0.0005	0.0394	<0.00008	0.00005	0.0001	0.12	0.00077	0.124	<0.002	0.0036	0.0238	<0.0005	1.31	<0.0001	<0.0005	0.00011	<0.0005	8.7	4.8	<0.1
06/27/2012	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	BRL	0.98	<0.0001	<0.0001	0.0368	<0.0001	0.0044	0.004	2.72	0.00017	0.281	<0.002	0.0078	0.0086	<0.0001	1.24	<0.0001	<0.0005	0.00033	0.00196	26.4	3	<0.1
09/12/2012	<0.00010	<0.00010	<0.00010	<0.0010	<0.00010	<0.00010	<0.00010	BRL	0.0121	<0.0010	<0.0010	0.0366	<0.00010	<0.0010	0.0015	0.0164	<0.0010	0.106	<0.0020	0.0036	0.0354	<0.00010	1.29	<0.0010	<0.00050	<0.0010	0.0086	5.1	3.9	<0.10
9/24/2015	<0.00010	<0.00010	<0.00010	<0.0010	<0.00010	<0.00010	<0.00010	BRL	0.31	<0.0060	<0.010	0.057	<0.0020	<0.010	0.011	0.72	<0.010	0.3	<0.0020	<0.010	0.02	<0.010	1.8	<0.0010	NA	<0.0010	<0.020	7.4	2.1	<0.10
03/22/2017	<0.00010	<0.00010	<0.00010	<0.0010	<0.00010	<0.00010	<0.00010	BRL	<0.200	<0.0060	<0.010	0.069	<0.0020	<0.010	<0.010	1.2	<0.010	0.047	<0.0020	<0.010	<0.010	<0.010	0.94	<0.0010	NA	<0.0010	<0.020	5.7	2.5	<0.100
05/11/2017	<0.00010	<0.00010	<0.00010	<0.0010	<0.00010	<0.00010	<0.00010	BRL	<0.200	<0.0060	<0.010	0.079	<0.0020	<0.010	<0.010	0.49	<0.010	0.022	<0.0020	<0.010	0.01	<0.010	0.99	<0.0010	NA	<0.0010	<0.020	1.7	2.4	<0.100
06/28/2012	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	BRL	20	0.0043	0.0324	0.773	0.0021	0.0477	0.156	49.3	0.701	1.38	<0.002	0.0516	<0.002	<0.002	1.65	<0.001	0.103	0.0627	1.05	3.2	0.29	0.12
7/18/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7/18/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7/24/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7/24/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
09/12/2012	<0.00010	<0.00010	<0.00010	<0.0010	<0.00010	<0.00010	<0.00010	BRL	0.0411	<0.0010	<0.0010	0.075	0.00026	<0.0010	0.0014	0.539	0.00021	0.117	<0.0020	0.0031	0.0634	<0.00010	2.18	<0.0010	<0.00050	<0.0010	0.0546	0.72	3.3	<0.10
10/12/2012	<0.00010	<0.00010	<0.00010	<0.0010	<0.00010	<0.00010	<0.00010	BRL	0.0196	<0.0010	<0.0010	0.0705	0.00025	<0.0010	0.0013	0.297	0.0030	0.271	<0.0020	0.0036	0.0300	<0.00010	1.92	<0.0010	<0.00050	<0.0010	0.0632	1.2	1.6	<0.10
11/5/2012	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	BRL	0.155	<0.0001	0.00019	0.0565	0.00018	<0.0001	0.0014	2.51	0.00035	0.406	<0.002	0.0036	0.052	<0.0001	1.56	<0.0001	<0.0005	<0.0001	0.0468	2.5	2.4	<0.1
11/5/2012	NA	NA	NA	NA	NA	NA	NA	NA	<0.01	<0.0001	0.00016	0.0542	0.00015	<0.0001	<0.0001	<0.0001	<0.0001	0.426	<0.002	0.0029	0.048	<0.0001	1.62	<0.0001	<0.0005	<0.0001	0.0447	2.5	2.4	<0.1
03/22/2017	<0.00010	<0.00010	<0.00010	<0.0010	<0.00010	<0.00010	<0.00010	BRL	<0.200	<0.0060	<0.010	0.067	<0.0020	<0.010	<0.010	<0.100	<0.010	0.02	<0.0020	<0.010	<0.010	<0.010	1.7	<0.0010	NA	<0.010	0.023	<0.100	0.86	<0.100
7/21/2017 (DUP)	<0.00010	<0.00010	<0.00010	<0.0010	<0.00010	<0.00010	<0.00010	BRL	<0.200	<0.0060	<0.010	0.068	<0.0020	<0.010	<0.010	<0.100	<0.010	0.02	<0.0020	<0.010	<0.010	<0.010	1.7	<0.0010	NA	<0.010	0.023	<0.100	0.88	<0.100
05/17/2017	<0.00010	<0.00010	<0.00010	<0.0010	<0.00010	<0.00010	<0.00010	BRL	<0.200	<0.0060	<0.010	0.089	<0.0020	<0.010	<0.010	<0.100	<0.010	<0.010	<0.0020	<0.010	<0.010	<0.010	2.1	<0.0010	NA	0.01	0.02	<0.100	2.6	<0.100
7/17/2017 (DUP)	<0.00010	<0.00010	<0.00010	<0.0010	<0.00010	<0.00010	<0.00010	BRL	<0.200	<0.0060	<0.010	0.091	<0.0020	<0.010	<0.010	<0.100	<0.010	<0.010	<0.0020	<0.010	<0.010	<0.010	2.2	<0.0010	NA	0.011	0.021	<0.100	2.6	<0.100
06/28/2012	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	BRL	0.515	<0.0001	<0.0001	0.0473	0.00028	0.00077	0.006	1.08	0.00075	0.408	<0.002	0.0122	0.0075	<0.0001	2.26	<0.0001	<0.0005	0.00021	0.047	4.9	6.8	<0.1
09/12/2012	<0.00010	<0.00010	<0.00010	<0.0010	<0.00010	<0.00010	<0.00010	BRL	1.47	<0.0010	0.00013	0.0458	0.00031	0.0007	0.0037	1.29	0.00056	0.												

Residential Tap SL	1,2-Dichloroethene	1,2,3-Trichloroethene	1,2,4-Trimethylene	1,3,5-Trimethylene	Benzene	Chloroform	Ethylbenzene	Iodomethane	Isopropylbenzene (Cumene)	Methylene Chloride	Naphthalene	Styrene	Toluene	Xylene (Total)	de-1,2-Dichloroethene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	All Remaining	2,4-Dimethylphenol	2-Methylphenol (Cresol)	3,4,5-Methylphenol (Cresol)	4-Chlorophenol	Butylbenzylphenol	Dibenzofuran	Naphthalene	Phenol	bis(2-Ethylhexyl)phthalate	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene			
00y/Ind VIGWSL	0.55	NE	NE	NE	0.12	NE	NE	NE	NE	0.45	0.0017	NE	1	10	0.07	NE	5.6	NE	NE	NE	NE	0.36	0.93	NE	NE	NE	0.16	0.0079	0.0017	5.8	0.006	0.53	NE	1.8	0.0003	
12/6/2010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0053	<0.0105	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	
4/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0105	<0.0105	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	
9/13/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0051	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
3/7/2012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0104	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
7/12/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
03/27/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
05/16/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
12/13/2010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0051	<0.010	<0.001	<0.0001	<0.0001	<0.0001	
4/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0052	<0.010	<0.001	<0.0001	<0.0001	<0.0001	
9/13/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0051	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
3/6/2012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0051	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
9/10/2012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0052	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
6/19/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0052	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
03/23/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
05/05/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
12/2/2010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0051	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
4/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0052	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
9/14/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0051	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
3/7/2012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0051	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
05/08/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0052	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
9/10/2012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0052	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
6/19/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0052	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
03/23/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
05/05/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
12/2/2010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.0051	<0.010	<0.001	<0.0001	<0.0001	<0.0001	<0.0001
4/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<																												

BOLD = Constituent detected above the 2017 IDEM RCG Residential Tap SL

BOLD = Constituent detected above the 2017 IDEM RCG Com/Ind VIGWSL

Initial Tap SL	Benz(a,b)pyrene		Fluorene	Indeno(1,2,3-c,d)pyrene		2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	All Remaining	Aluminum		Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Nitrogen, Ammonia		Nitrogen, Nitrate		Nitrogen, Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	NE	NE		NE	NE						NE	NE																			NE	NE	NE	NE		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

[illegible]

BOLD = Constituent detected above the 2017 IDEM RCG Residential Tap SL

BOLD = Constituent detected above the 2017 IDEM RCG Com/Ind VIGWSL

Initial Tap SL	Benz(a,b)pyrene		Fluorene		Indeno(1,2,3-c,d)pyrene		2-Methylnaphthalene		Naphthalene		Phenanthrene		Pyrene		All Remaining		Aluminum		Antimony		Arsenic		Barium		Cadmium		Chromium		Copper		Iron		Lead		Manganese		Mercury		Nickel		Selenium		Silver		Strontium		Thallium		Tin		Vanadium		Zinc		Nitrogen, Ammonia		Nitrogen, Nitrate		Nitrogen, Nitrite																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

Residential Tap SL	1,2,4-Trimethyl Benzene	Chloroform	Ethylbenzene	Isooctane	Isopropylbenzene (Cumene)	Methylene Chloride	Naphthalene	Styrene	Toluene	Xylene (Total)	All Remaining	2,4-Dimethylphenol	3,4,5-Triethylphenol (Cresol)	4-Chlorophenol	Bis(2-Ethylhexyl) Phthalate	Acenaphthylene	Acenaphthene	Anthracene	Benz(a)anthracene
Company/VIGWSL	0.015	NE	NE	0.12	0.005	0.12	NE	0.012	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
12/2/2010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
4/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
9/15/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
3/7/2012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
9/13/2012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
6/20/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
12/16/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
03/27/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
05/15/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
15/2017 (DUP)	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
4/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
9/13/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
3/5/2012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
7/11/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
4/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
9/13/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
3/5/2012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
7/11/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
4/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
9/13/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
3/5/2012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
7/11/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
4/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
9/13/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
3/5/2012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
7/11/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
4/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
9/13/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
3/5/2012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
7/11/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
4/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
9/13/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
3/5/2012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
7/11/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
4/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
9/13/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
3/5/2012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
7/11/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
4/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
9/13/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
3/5/2012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
7/11/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
4/7/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
9/13/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
3/5/2012	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
7/11/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
4/7/2011	<0.0050	<0.0050	<0.00																

BOLD = Constituent detected above the 2017 IDEM RCG Com/Ind VIGWSL

[illegible]

[illegible]

BOLD = Constituent detected above the 2017 IDEM RCG Residential Tap SL

BOLD = Constituent detected above the 2017 IDEM RCG Com/Ind VIGWSL

Residential Tap SL	1,2-Dichloroethene		1,2,3-Trichloroethene		1,3,5-Trimethylbenzene		Benzene		Chloroform		Ethylbenzene		Isododecane		Isopropylbenzene (Cumene)		Methylene Chloride		Naphthalene		Styrene		Toluene		Xylene (Total)		de-1,2-Dichloroethene		n-Butylbenzene		n-Propylbenzene		p-Isopropyltoluene		sec-Butylbenzene		All Remaining		2,4-Dimethylphenol		3,4,5-Methylphenol (Cresol)		4-Chlorophenol		Butylbenzylphenol		Dibenzofuran		Naphthalene		Phenol		bis(2-Ethylhexyl)phthalate		Acenaphthene		Acenaphthylene		Benzo(a)anthracene																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	0.128	0.007	0.015	0.012	0.005	0.08	NE	NE	0.46	0.0017	0.1	1	10	0.07	5.6	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

Initial Tap SL	Benz(a,b)pyrene		Fluorene		Indeno(1,2,3-c,d)pyrene		2-Methylanthracene		Naphthalene		Pyrene		All Remaining		Aluminum		Antimony		Arsenic		Barium		Cadmium		Chromium		Copper		Iron		Lead		Manganese		Mercury		Nickel		Selenium		Silver		Strontium		Thallium		Tin		Vanadium		Zinc		Nitrogen, Ammonia		Nitrogen, Nitrate		Nitrogen, Nitrite																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

Residential Tap SL	1,2,4-Trichloroethene	1,2,4-Trichloroethene	1,3,5-Trimethylbenzene	Benzene	Chloroform	Ethylbenzene	Iodomethane	Isopropylbenzene (Cumene)	Methylene Chloride	Naphthalene	Styrene	Toluene	Xylene (Total)	All Remaining	2,4-Dimethylphenol	3-Methylphenol (Cresol)	4-Chlorophenol	Butylbenzylphenol	Dibenzofuran	Naphthalene	Phenol	Hexachlorocyclopentadiene	Acenaphthylene	Acenaphthene	Anthracene	Benz(a)anthracene
0.18	0.028	0.007	0.015	0.12	0.005	0.08	NE	NE	0.12	0.005	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.46	NE	NE	NE	NE	1.8	0.0003
4/8/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
09/15/2011	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
03/09/2012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	BRL	<0.005	<0.005	<0.005	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	
9/13/2012	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
6/24/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	BRL	<0.005	<0.005	<0.005	<0.005	<0.0050	NA	<0.005	<0.005	<0.005	<0.005	<0.005	
03/21/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
05/10/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
4/8/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
6/23/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	BRL	<0.005	<0.005	<0.005	<0.005	<0.0050	NA	<0.005	<0.005	<0.005	<0.005	<0.005	
04/05/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
05/16/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
4/8/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
6/24/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0052	<0.005	<0.01	<0.005	BRL	<0.005	<0.005	<0.005	<0.005	<0.0050	NA	<0.005	<0.005	<0.005	<0.005	<0.005	
4/8/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
09/15/2011	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
03/09/2012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	BRL	<0.005	<0.005	<0.005	<0.005	<0.0050	NA	<0.005	<0.005	<0.005	<0.005	<0.005	
9/13/2012	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
03/27/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
05/11/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
4/11/2011	<0.0050	<0.0050	0.0788	0.0276	0.0123	<0.0040	0.172	<0.0040	0.012	0.711	<0.0040	0.0105	0.116	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	0.00021	<0.0050	
6/24/2013	<0.005	<0.005	0.0445	0.0287	0.0156	<0.004	0.246	<0.004	0.0255	0.573	<0.004	0.0076	0.116	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
03/28/2017	<0.0050	<0.0050	0.021	0.007	0.0055	<0.0050	0.067	<0.010	0.011	0.120	<0.0050	<0.0050	0.056	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
7/28/2017 (DUP)	<0.0050	<0.0050	0.032	0.010	0.0075	<0.0050	0.094	<0.010	0.015	0.180	<0.0050	<0.0050	0.089	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
05/16/2017	<0.025	<0.025	<0.025	<0.023	<0.025	<0.025	0.036	<0.050	<0.025	0.075	<0.025	<0.025	<0.050	BRL	<0.0050	<0.0050	<0.025	<0.025	<0.0050	NA	<0.0050	<0.0050	<0.0050	0.000	<0.0050	
7/16/2017 (DUP)	<0.025	<0.025	<0.025	<0.023	<0.025	<0.025	0.038	<0.050	<0.025	0.078	<0.025	<0.025	<0.050	BRL	<0.0050	<0.0050	<0.025	<0.025	<0.0050	NA	<0.0050	<0.0050	<0.0050	0.00019	<0.0050	
4/8/2011	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0113	<0.0050	<0.0050	<0.010	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	
09/15/2011	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
03/12/2012	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
9/13/2012	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050		
6/24/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050		
03/21/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050		
05/10/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	<0.0050		
06/25/2013	0.0053	<0.005	0.137	0.0331	0.198	<0.004	0.1	<0.004	0.0346	3.04	<0.004	0.0286	0.181	BRL	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	<0.0050	0.0152	<0.0050	
9/24/2013	NA	<0.05	0.166	<0.05	0.101	<0.04	0.0843	<0.04	<0.05	0.935	<0.04	<0.05	<0.1	BRL	<0.0102	<0.0204	<0.0204	<0.0102	0.0434	NA	<0.0102	<0.0051	0.123	0.0109	<0.0050	
12/16/2013	0.0109	<0.005	0.0836	0.0094	0.119	<0.005	0.0793	<0.01	0.0294	0.683	<0.005	0.0118	0.0805	BRL	<0.0538	<0.0215	<0.0215	<0.0108	0.0602	NA	<0.0108	<0.0054	0.203	0.0177	0.00063	
3/17/2015	0.0094	<0.0050	<0.0050	<0.0050	0.048	<0.0050	0.056	<0.010	0.023	0.19	<0.0050	<0.0050	0.083	BRL	<0.012	<0.025	<0.025	<0.012	0.037	NA	<0.012	<0.0062	0.18	0.0098	0.00022	
03/29/2017	0.0015	<0.0050	0.034	<0.0050	0.061	<0.0050	0.036	<0.010	0.012	0.069	<0.0050	<0.0050	0.032	BRL	<0.010	<0.010	<0.010	<0.010	0.012	NA	<0.010	<0.010	0.042	0.0007	<0.0050	
05/12/2017	0.006	<0.005																								

Residential Tap SL	1,2-Dichloroeth	1,2-Trichloroeth	1,3,5-Trimethyl Benzene	Chloroform	Ethylbenzene	Isododecane	Isopropylbenzene (Cumene)	Naphthalene	Styrene	Toluene	Xylene (Total)	All Remaining	2,4-Dimethylphenol	3,4,5-Methylphenol (Cresol)	4-Chlorophenol	Butylbenzylphenol	Dibenzofuran	Naphthalene	Phenol	bis(2-Ethylhexyl)terphenyl	Acenaphthene	Acenaphthylene	Benzo(a)anthracene
	0.028	0.007	0.12	0.08	0.7	NE	NE	0.0017	0.1	1	10	NE	5.6	NE	NE	NE	NE	0.0079	0.0017	5.8	0.33	NE	1.8
any/Ind VIGWSL	0.55	NE	NE	NE	NE	NE	NE	0.46	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.46	NE	NE	NE	NE	NE
Residential Tap SL	06/25/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	BRL	<0.005	NA	NA	<0.0104	NA	NA	NA	<0.001	<0.001	<0.001	<0.0003
	9/24/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	BRL	<0.0123	<0.0125	<0.0125	<0.0104	<0.0125	NA	<0.0125	0.0012	<0.0012	0.0014	0.0015
	12/17/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	BRL	<0.005	<0.005	<0.005	<0.01	<0.01	NA	<0.005	<0.001	<0.001	<0.001	<0.0001
	12/15/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.0010	<0.0010	<0.0010	<0.0001
Residential Tap SL	3/17/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.0010	<0.0010	<0.0010	<0.0001
	03/29/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.0010	<0.0010	<0.0010	<0.0001
	7/29/2017 (DUP)	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.0010	<0.0010	<0.0010	<0.0001
	05/12/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.0010	<0.0010	<0.0010	<0.0001
Residential Tap SL	06/25/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.132	<0.005	<0.005	<0.01	BRL	<0.005	NA	NA	<0.0104	NA	NA	NA	0.0735	0.0108	0.0036	0.00027
	9/24/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0795	<0.005	<0.005	<0.01	BRL	<0.0104	<0.0208	<0.0104	<0.0104	<0.0104	NA	<0.0104	<0.0052	0.0032	0.0003	<0.0001
	12/16/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0441	<0.005	<0.005	<0.01	BRL	<0.021	<0.0208	<0.0208	<0.0104	<0.0104	NA	<0.0104	<0.0052	0.0084	0.0033	0.00054
	06/25/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	BRL	<0.01	<0.01	<0.01	NA	NA	NA	NA	0.0689	0.0094	0.0011	<0.0001
Residential Tap SL	9/23/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	BRL	<0.005	<0.005	<0.005	<0.01	0.013	NA	<0.01	<0.005	0.0072	0.0017	<0.0001
	12/16/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	BRL	<0.051	<0.0102	<0.0204	<0.0102	0.0157	NA	<0.0102	<0.0051	0.113	0.0023	<0.0001
	12/16/2014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.20	BRL	<0.010	<0.010	<0.021	<0.010	<0.010	NA	<0.010	<0.0053	0.055	0.0022	<0.0001
	3/17/2015	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	BRL	<0.010	<0.010	<0.021	<0.010	<0.010	NA	<0.010	<0.0052	0.039	0.0014	<0.0001
Residential Tap SL	03/28/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	BRL	<0.010	<0.010	<0.021	<0.010	0.012	NA	<0.010	<0.006	0.0047	0.0023	<0.0001
	05/16/2017	<0.0050	<0.0050	0.0053	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	BRL	<0.010	<0.010	<0.021	<0.010	<0.010	<0.010	<0.010	<0.0056	0.0013	0.00056	<0.0001
	9/24/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	BRL	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.005	<0.001	<0.0001	<0.0001
	12/11/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	BRL	<0.051	<0.0102	<0.0204	<0.0102	<0.0102	NA	<0.0102	<0.0051	<0.001	<0.0001	<0.0001
Residential Tap SL	9/23/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	BRL	<0.0105	<0.0105	<0.0105	<0.0105	0.0424	NA	<0.0105	<0.0053	0.0984	0.0115	0.0289
	12/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0117	<0.005	<0.005	<0.01	BRL	<0.51	<0.102	<0.204	<0.102	<0.102	NA	<0.102	<0.051	0.171	0.018	0.0185
	3/18/2015	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	BRL	<0.011	<0.010	<0.022	<0.022	<0.010	NA	<0.011	<0.0056	0.053	0.0034	0.0017
	5/26/2015	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	BRL	<0.010	<0.010	<0.020	<0.010	0.019	NA	<0.010	<0.0051	0.11	0.0045	0.0036
Residential Tap SL	9/23/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	BRL	<0.0102	<0.0102	<0.0204	<0.0102	<0.0102	NA	<0.0102	<0.0051	<0.001	0.00017	0.00014
	12/11/2013	<0.005	<0.005	0.0051	<0.005	<0.005	<0.005	0.0432	<0.005	<0.005	0.0113	BRL	<0.051	<0.0102	<0.0204	<0.0102	<0.0102	NA	<0.0102	<0.0051	0.0025	0.00066	<0.0001
	3/18/2015	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.013	<0.0050	<0.0050	<0.010	BRL	<0.011	<0.011	<0.023	<0.023	<0.011	NA	<0.011	<0.0057	0.0057	0.001	<0.00011
	5/27/2015	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0052	<0.0050	<0.0050	<0.010	BRL	<0.010	<0.010	<0.020	<0.010	<0.010	NA	<0.010	<0.0050	0.0013	0.00027	<0.0001
Residential Tap SL	03/28/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.0010	0.00014	0.00014	<0.0001
	05/12/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.0010	<0.0010	<0.0010	<0.0001
	9/23/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0273	<0.005	<0.005	<0.01	BRL	<0.0102	<0.0102	<0.0204	<0.0102	<0.0102	NA	<0.0102	<0.0051	<0.001	0.00061	0.00027
	12/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	BRL	<0.0505	<0.0101	<0.0202	<0.0101	<0.0101	NA	<0.0101	0.0055	<0.001	<0.0001	<0.0001
Residential Tap SL	04/03/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.0010	<0.0010	<0.0010	<0.0001
	05/15/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.0010	<0.0010	<0.0010	<0.0001
	9/23/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	BRL	<0.0103	<0.0103	<0.0103	<0.0103	<0.0103	NA	<0.0103	<0.0052	<0.001	<0.0001	<0.0001
	12/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	BRL	<0.051	<0.0102	<0.0204	<0.0102	<0.0102	NA	<0.0102	<0.0051	<0.001	<0.0001	<0.0001
Residential Tap SL	03/27/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.0010	<0.0010	<0.0010	<0.0001
	05/11/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.0010	<0.0010	<0.0010	<0.0001
	9/23/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	BRL	<0.0102	<0.0102	<0.0204	<0.0102	<0.0102	NA	<0.0102	<0.0051	<0.001	<0.0001	<0.0001
	12/12/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	BRL	<0.051	<0.0102	<0.0204	<0.0102	<0.0102	NA	<0.0102	<0.0051	<0.001	<0.0001	<0.0001

[illegible]

BOLD = Constituent detected above the 2017 IDEM RCG Residential Tap SL

BOLD = Constituent detected above the 2017 IDEM RCG Com/Ind VIGWSL

Initial Tap SL	Benz(a,b)fluoranthene		Dibenz(a,h)anthracene		Fluorene		Indeno(1,2,3-c,d)pyrene		2-Methylnaphthalene		Naphthalene		Phenanthrene		Pyrene		All Remaining		Aluminum		Antimony		Arsenic		Barium		Cadmium		Chromium		Copper		Iron		Lead		Manganese		Mercury		Nickel		Selenium		Silver		Strontium		Thallium		Tin		Vanadium		Zinc		Nitrogen, Ammonia		Nitrogen, Nitrate		Nitrogen, Nitrite																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

Residential Tap SL	1,1-Dichloroethene	1,2,3-Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Chloroform	Ethylbenzene	Isododecane	Isopropylbenzene (Cumene)	Methylene Chloride	Naphthalene	Styrene	Toluene	Xylene (Total)	de-1,2-Dichloroethene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	All Remaining	2,4-Dimethylpentane	3-Methylphenol (Cresol)	4-Methylphenol (Cresol)	4-Chlorophenol	Butylbenzyltoluene	Dibenzofuran	Naphthalene	Phenol	bis(2-Ethylhexyl)phthalate	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene

[illegible]

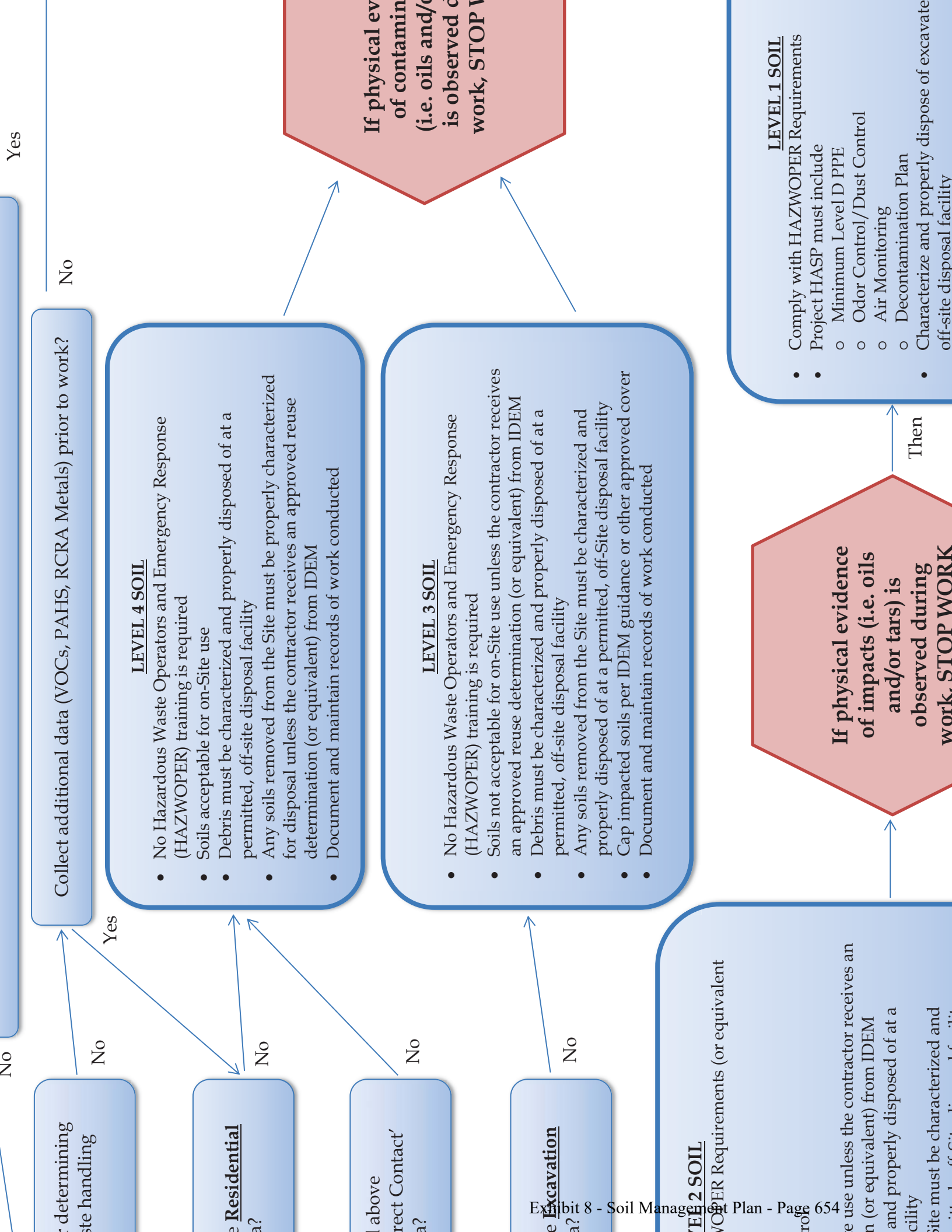
BOLD = Constituent detected above Laboratory Reporting Level
BOLD = Constituent detected above the 2017 IDEM RCG Residential Tap SL
BOLD = Constituent detected above the 2017 IDEM RCG Com/Ind VIGWSL

Residential Tap SL	1,2,3-Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Chloroform	Ethylbenzene	Iodomethane	Isopropylbenzene (Cumene)	Methylene Chloride	Naphthalene	Styrene	Toluene	Xylene (Total)	de-1,2-Dichloroethene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	All Remaining	2,4-Dimethylphenol	3-Methylphenol (Cresol)	4-Chlorophenol	Butylbenzyltoluene	Dibenzofuran	Naphthalene	Phenol	bis(2-Ethylthio)ethane	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene			
Company/VIGWSL	NE	NE	NE	0.12	0.005	0.08	NE	NE	0.005	0.46	NE	NE	NE	1	10	0.07	5.6	NE	NE	NE	0.36	0.93	NE	NE	0.16	0.0079	0.0017	5.8	0.006	0.53	NE	NE	1.8	0.0003
4/12/2011	NA	NA	NA	0.401	<0.0050	<0.0050	NA	NA	NA	NA	NA	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	NA	NA	BRL	NA	NA	NA	NA	NA	NA	NA	NA	0.0162	<0.0010	<0.00069	<0.00010	<0.00010		
09/19/2011	<0.0050	NA	NA	0.359	<0.0050	<0.0050	NA	NA	NA	NA	NA	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	NA	NA	BRL	NA	NA	NA	NA	NA	NA	NA	NA	0.0103	<0.0010	<0.00067	<0.00010	<0.00010		
03/09/2012	<0.0050	NA	NA	0.19	<0.0050	<0.0050	NA	NA	NA	NA	NA	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	NA	NA	BRL	NA	NA	NA	NA	NA	NA	NA	NA	0.0166	<0.0010	<0.00086	<0.00022	<0.00010		
06/26/2013	<0.0050	<0.0050	<0.0050	0.0358	<0.0050	<0.0050	<0.01	0.0074	<0.0050	<0.0050	<0.0050	<0.0050	<0.01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	NA	NA	NA	NA	NA	NA	NA	NA	0.0052	<0.0010	<0.00019	<0.00034	<0.00010		
9/20/2013	<0.0050	<0.0050	<0.0050	0.0096	<0.0050	<0.0050	<0.01	0.0085	<0.0050	<0.0050	<0.0050	<0.0050	<0.01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0103	<0.0206	<0.0052	<0.0103	<0.0103	<0.0103	<0.0103	0.0217	<0.0010	<0.00088	<0.00034	<0.00010			
12/12/2013	<0.0050	<0.0050	<0.0050	0.0107	<0.0050	<0.0050	<0.01	0.0081	<0.0050	<0.0050	<0.0050	<0.0050	<0.01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0103	<0.0206	<0.0052	<0.0103	<0.0103	<0.0103	<0.0103	0.0137	<0.0010	<0.00055	<0.00012	<0.00010			
12/18/2014	<0.0050	<0.0050	<0.0050	0.0069	<0.0050	<0.0050	<0.010	0.0057	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.021	<0.0052	<0.010	<0.010	<0.010	<0.010	0.016	<0.0010	<0.00006	<0.00015	<0.00010			
4/16/2011	NA	NA	NA	1.14	NA	0.0253	NA	NA	NA	NA	NA	<0.0050	0.0122	NA	NA	NA	NA	NA	BRL	NA	NA	NA	NA	NA	NA	NA	NA	0.0134	0.0022	0.0015	0.00019	<0.00010		
4/11/2011	<0.0050	NA	NA	<0.0050	<0.0050	<0.0050	NA	NA	NA	NA	NA	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	NA	NA	NA	NA	NA	NA	NA	<0.0010	<0.0010	<0.00010	<0.00010	<0.00010			
09/16/2011	<0.0050	NA	NA	<0.0050	<0.0050	<0.0050	NA	NA	NA	NA	NA	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	NA	NA	NA	NA	NA	NA	NA	<0.0010	<0.0010	<0.00010	<0.00010	<0.00010			
03/09/2012	<0.0050	NA	NA	<0.0050	<0.0050	<0.0050	NA	NA	NA	NA	NA	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	NA	NA	NA	NA	NA	NA	NA	<0.0010	<0.0010	<0.00010	<0.00010	<0.00010			
9/13/2012	<0.0050	NA	NA	<0.0050	<0.0050	<0.0050	NA	NA	NA	NA	NA	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	NA	NA	NA	NA	NA	NA	NA	<0.0010	<0.0010	<0.00010	<0.00010	<0.00010			
06/25/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	NA	NA	NA	NA	NA	NA	NA	<0.0010	<0.0010	<0.00010	<0.00010	<0.00010			
4/12/2011	NA	NA	NA	2.13	NA	0.472	NA	NA	NA	NA	NA	0.333	0.5	NA	NA	NA	NA	NA	NA	BRL	NA	NA	NA	NA	NA	NA	NA	0.115	0.0093	0.0208	0.0111	0.0011		
06/27/2013	<0.05	0.0617	0.0294	0.416	<0.05	0.12	<0.1	<0.05	<0.05	3.37	<0.05	0.051	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	BRL	NA	NA	NA	NA	NA	NA	NA	NA	0.106	<0.01	0.0097	0.0035	<0.0001		
4/11/2011	NA	NA	NA	<0.0050	NA	<0.0050	NA	NA	NA	NA	NA	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	NA	NA	NA	NA	NA	NA	NA	NA	0.0216	<0.0010	0.0001	0.00022	<0.00010		
09/16/2011	NA	NA	NA	<0.0050	NA	<0.0050	NA	NA	NA	NA	NA	0.009	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	NA	NA	NA	NA	NA	NA	NA	NA	0.0072	<0.0010	0.0001	0.00022	<0.00010		
03/09/2012	NA	NA	NA	<0.0050	NA	<0.0050	NA	NA	NA	NA	NA	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	NA	NA	NA	NA	NA	NA	NA	NA	0.0022	<0.0010	0.00024	<0.00010	<0.00010		
06/26/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	NA	NA	NA	NA	NA	NA	NA	NA	0.0059	<0.0010	<0.00010	<0.00010	<0.00010		
9/20/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0102	<0.0204	<0.0051	<0.0051	<0.0102	NA	<0.0102	0.0065	<0.0010	<0.00010	<0.00010	<0.00010			
12/12/2013	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.0104	<0.0208	<0.0208	<0.0104	<0.0104	NA	<0.0104	<0.0052	<0.0010	<0.00010	<0.00010	<0.00010			
12/18/2014	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.020	<0.020	<0.010	0.018	NA	<0.010	<0.0051	0.0099	0.0084	0.0058	<0.00010			
3/19/2015	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	0.007	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.020	<0.020	<0.010	0.012	NA	<0.010	<0.0050	0.0042	0.0024	0.0025	<0.00010			
5/29/2015	<0.0050	<0.0050	<0.0050	0.0074	<0.0050	0.0053	<0.010	<0.0050	<0.0050	0.005	0.063	0.075	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.020	<0.020	<0.010	0.024	NA	<0.010	<0.0051	0.0076	0.15	0.004	0.00029	<0.00010		
9/29/2015	<0.0050	<0.0050	<0.0050	0.089	<0.0050	<0.0050	<0.10	<0.0050	<0.0050	4.3	<0.0050	0.086	<0.10	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	0.0338	0.0326	<0.0100	<0.0100	0.0359	NA	<0.0100	0.0143	0.259	0.007	0.00016	<0.00010			
03/27/2017	<0.0050	<0.0050	<0.0050	0.012	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	1.4	0.0071	0.010	0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	0.014	NA	<0.010	<0.0034	0.043	0.00013	<0.00010	<0.00010			
05/08/2017	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.300	<0.100	<0.100	5.80	<0.100	<0.100	<0.300	<0.100	<0.500	<0.100	<0.100	<0.100	BRL	<0.010	<0.010	<0.010	<0.010	0.032	NA	<0.010	0.012	0.180	0.0031	<0.0010	<0.0010			
05/17/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.025	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
05/16/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.025	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
05/17/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.025	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
17/2017 (DXUP)	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	0.006	<0.0050	<0.0050	<0.010	<0.0050	<0.025	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.0010	<0.0010	0.00032	0.00023	<0.00010			
05/18/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	0.0055	<0.0050	<0.0050	<0.010	<0.0050	<0.025	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<0.0010	<0.0010	0.00036	0.00016	<0.00010			
05/18/2017	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.025	<0.0050	<0.0050	<0.0050	BRL	<0.010	<0.010	<0.010	<0.010	<0.010	NA	<0.010	<							

Initial Tap SL	Benz(a,b)pyrene	Fluorene	Indeno(1,2,3-c,d)pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	All Remaining	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Strontium	Thallium	Tin	Vanadium	Zinc	Nitrogen, Ammonia	Nitrogen, Nitrate	Nitrogen, Nitrite	1	
NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
4/12/2011	<0.0010	<0.0010	0.0017	<0.0010	<0.0010	<0.0010	<0.0010	BRL	NA	NA	0.0056	0.263	0.00014	0.0011	NA	NA	0.001	NA	<0.0020	NA	<0.0050	<0.0050	NA	<0.0010	NA	NA	NA	NA	NA	NA	NA	
09/19/2011	<0.0010	<0.0010	0.0015	<0.0010	<0.0010	<0.0010	<0.0010	BRL	NA	NA	0.0062	0.192	0.00012	0.0013	NA	NA	0.0011	NA	<0.0020	NA	<0.0050	<0.0050	NA	<0.0010	NA	NA	NA	NA	NA	NA	NA	
05/09/2012	<0.0010	<0.0010	0.0016	<0.0010	<0.0010	<0.0010	<0.0010	BRL	NA	NA	0.0041	0.214	0.00014	0.0014	NA	NA	0.00074	NA	<0.0020	NA	<0.0005	<0.0050	NA	<0.0010	NA	NA	NA	NA	NA	NA	NA	
06/26/2013	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	BRL	0.451	<0.001	0.0032	0.135	0.00041	0.0017	0.0028	2.83	0.0017	0.231	<0.002	0.0013	<0.001	<0.001	0.708	<0.001	<0.005	0.0018	0.0020	55.7	<0.1	<0.1	<0.1	
9/20/2013	<0.0002	<0.0001	0.0018	<0.0001	<0.001	<0.001	0.0014	BRL	0.0843	<0.001	0.0036	0.128	0.00026	<0.001	<0.001	1.74	0.0016	0.0922	<0.002	<0.001	<0.001	<0.001	0.621	<0.001	<0.005	0.0012	0.0148	61.6	<0.1	<0.1	<0.1	
12/12/2013	<0.0001	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	BRL	0.335	<0.006	<0.001	0.13	<0.002	<0.01	<0.01	2.24	<0.01	0.0975	<0.002	<0.001	<0.001	<0.001	0.61	<0.002	<0.01	0.0115	0.0003	39	<0.1	<0.1	<0.1	
12/18/2014	<0.0010	<0.0010	<0.001	<0.0010	<0.0010	<0.0010	<0.0010	BRL	0.3	<0.0060	<0.010	0.1	<0.0020	<0.010	0.015	1.6	<0.010	0.073	<0.0020	<0.010	<0.010	<0.010	0.48	0.00017	<0.010	<0.010	0.031	35.4	<0.10	<0.10	<0.10	
4/16/2011	<0.0010	<0.0010	0.0086	<0.0010	0.0086	0.0104	0.0014	BRL	NA	NA	<0.0050	0.0773	<0.00080	0.00051	NA	NA	0.00015	NA	<0.0020	NA	<0.0050	<0.0050	NA	<0.0010	NA	NA	NA	NA	NA	NA	NA	
4/11/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	NA	NA	<0.0050	0.046	<0.00080	<0.0050	NA	NA	<0.0010	NA	<0.0020	NA	0.0042	<0.0050	NA	<0.0010	NA	NA	NA	NA	NA	NA	NA	
09/16/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	NA	NA	<0.0050	0.0514	<0.00080	0.0014	NA	NA	0.00061	NA	<0.0020	NA	0.00055	<0.0050	NA	<0.0010	NA	NA	NA	NA	NA	NA	NA	
03/09/2012	<0.0002	<0.0001	<0.001	<0.0010	<0.0010	<0.0010	<0.0010	BRL	NA	NA	<0.0005	0.0439	<0.00008	0.00099	NA	NA	0.00014	NA	<0.002	NA	0.0031	<0.0005	NA	<0.001	NA	NA	NA	NA	NA	NA	NA	
9/13/2012	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	NA	NA	<0.001	<0.1	<0.005	<0.01	NA	NA	<0.01	NA	<0.002	NA	<0.001	<0.005	NA	<0.002	NA	NA	NA	NA	NA	NA	NA	
06/25/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	BRL	0.133	<0.001	<0.001	0.0493	<0.001	<0.001	0.002	0.163	<0.001	0.0089	<0.002	<0.001	<0.001	<0.001	0.641	<0.001	<0.005	<0.001	0.0064	<0.1	<0.1	<0.1	<0.1	
4/12/2011	0.0029	0.0064	0.0095	0.0017	0.0324	0.0768	0.0031	BRL	NA	NA	0.0096	0.069	<0.00080	0.0018	NA	NA	0.0001	NA	<0.0020	NA	<0.0050	<0.0050	NA	<0.0010	NA	NA	NA	NA	NA	NA	NA	
06/27/2013	0.0093	0.002	0.003	0.00039	0.0154	0.0683	0.0094	BRL	0.0143	<0.001	0.0196	0.0547	<0.001	<0.001	<0.001	1.37	<0.001	1.69	<0.002	0.0011	<0.001	<0.001	0.263	<0.001	<0.005	0.001	<0.005	30.2	<0.1	<0.1	<0.1	
4/11/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	NA	NA	<0.001	0.0682	<0.00080	0.00095	NA	NA	0.00071	NA	<0.0020	NA	0.0012	<0.0050	NA	<0.0010	NA	NA	NA	NA	NA	NA	NA	
09/16/2011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	NA	NA	0.0021	0.0772	0.00011	0.0011	NA	NA	0.002	NA	<0.0020	NA	<0.0050	<0.0050	NA	<0.0010	NA	NA	NA	NA	NA	NA	NA	
03/09/2012	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	BRL	NA	NA	<0.0005	0.0344	0.00011	<0.0005	NA	NA	0.00011	NA	<0.002	NA	<0.0005	<0.0005	NA	<0.001	NA	NA	NA	NA	NA	NA	NA	
06/26/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	BRL	0.0801	<0.001	0.0011	0.0559	<0.001	<0.001	<0.001	5.35	<0.001	0.475	<0.002	0.001	<0.001	<0.001	0.769	<0.001	<0.005	<0.001	<0.005	45.3	0.2	<0.1	<0.1	
9/20/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	BRL	0.023	<0.001	0.0013	0.0647	<0.001	<0.001	<0.001	7.25	<0.001	0.352	<0.002	<0.001	<0.001	<0.001	0.829	<0.001	<0.005	<0.001	<0.005	21.5	<0.1	<0.1	<0.1	
12/12/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	BRL	<0.2	<0.006	<0.01	0.073	<0.002	<0.01	<0.01	8.37	<0.01	0.628	<0.002	<0.001	<0.001	<0.001	0.829	<0.002	<0.01	0.0024	<0.02	8.8	<0.1	<0.1	<0.1	
12/18/2014	<0.0010	<0.0010	0.0055	<0.0010	0.0055	0.018	0.0031	BRL	<0.20	<0.0060	<0.010	0.069	<0.0020	<0.010	<0.010	1.6	<0.010	0.3	<0.0020	<0.010	<0.010	<0.010	0.37	<0.0010	<0.010	<0.010	<0.010	2.1	<0.10	<0.10	<0.10	
3/19/2015	<0.0010	<0.0010	0.0021	<0.0010	0.0021	0.0031	0.0012	BRL	<0.20	<0.0060	<0.010	0.068	<0.0020	<0.010	<0.010	3.1	0.015	0.2	<0.0020	<0.010	<0.010	<0.010	0.33	<0.0010	NA	<0.010	<0.010	9.7	0.55	<0.10	<0.10	
5/29/2015	<0.0010	<0.0010	0.0031	<0.0010	0.0027	0.0086	0.0016	BRL	<0.20	<0.0060	<0.010	0.087	<0.0020	<0.010	<0.010	6.5	<0.010	0.63	<0.0020	<0.010	<0.010	<0.010	0.53	<0.0010	NA	<0.010	0.0027	1.5	<0.10	<0.10	<0.10	
9/28/2015	<0.0010	<0.0010	0.0314	<0.0010	0.13	4.21	0.0284	BRL	<0.20	<0.0060	<0.010	0.097	<0.0020	<0.010	<0.010	5.1	<0.010	0.44	<0.0020	<0.010	<0.010	<0.010	0.62	<0.0010	NA	<0.010	<0.020	16.3	<0.10	<0.10	<0.10	
03/27/2017	<0.0010	<0.0010	0.0016	<0.0010	0.0061	0.840	0.0085	BRL	<0.200	<0.0060	<0.010	0.039	<0.0020	<0.010	<0.010	1.7	<0.010	0.12	<0.0020	<0.010	<0.010	<										

ATTACHMENT E

Soil Management Plan Process Diagram





INDIANAPOLIS COMMUNITY JUSTICE CAMPUS PROJECT

DIVERSITY PLAN

July 2018

Table of Contents

	Page
FOREWORD	3
INTRODUCTION	3
1. CONTRACT REQUIREMENTS	6
2. MINORITY AND WOMEN BUSINESS ENTERPRISE CERTIFICATION	6
3. COUNTING M/W/V/DOBE PARTICIPATION	7
4. REPORTING PROCEDURES	11
5. PROPOSAL	11
6. COMPLIANCE.....	144
7. NON-COMPLIANCE.....	155
8. OWNER’S REPRESENTATIVE.....	166
9. PRE-PROPOSAL INSTRUCTIONS.....	177
● SUBCONTRACTOR/SUPPLIER PARTICIPATION FORM AND PAYMENT APPLICATION (Exhibit 9-A)	
● APPLICATION FOR PROGRAM WAIVER (Exhibit 9-B)	
● LETTER OF INTENT TO PERFORM AS A SUBCONTRACTOR/SUPPLIER (Exhibit 9-C)	

FOREWORD

Pursuant to sec. 202-401 of the revised code of the consolidated City of Indianapolis and Marion County (revised code), the City of Indianapolis and Marion County strive to utilize minority-owned business enterprises for public works projects, procurement of goods, and services for the City of Indianapolis and Marion County in a dollar amount equal to at least fifteen (15) percent of monies spent by the City of Indianapolis, Marion County.

Pursuant to sec. 202-401 of the revised code, the City of Indianapolis and Marion County strive to utilize women-owned business enterprises for public works projects, procurement of goods, and services for the City of Indianapolis and Marion County in a dollar amount equal to at least eight (8) percent of monies spent by the City of Indianapolis, Marion County.

Pursuant to sec. 202-401 of the revised code, the City of Indianapolis and Marion County strive to utilize disability-owned business enterprises for public works projects, procurement of goods, and services for the City of Indianapolis and Marion County in a dollar amount equal to at least one (1) percent of monies spent by the City of Indianapolis, Marion County.

Pursuant to a mayoral executive order, the City of Indianapolis and Marion County strive to utilize veteran-owned business enterprises for public works projects, procurement of goods, and services for the City of Indianapolis and Marion County in a dollar amount equal to at least three (3) percent of monies spent by the City of Indianapolis, Marion County.

INTRODUCTION

It is the policy of the Consolidated City of Indianapolis (“The City”) that Women, Minority, Veteran and Disability Owned Business Enterprises (“M/W/V/DOBE”) shall have the maximum feasible opportunity to participate in the performance of contracts on the Indianapolis Community Justice Campus project that includes the Jail Project and Courts Project as defined in Exhibit A to the Design-Build Contract (the “Project”). This Diversity Plan is the framework to provide maximum practicable opportunity for M/W/V/DOBE certified by The City and the Office of Minority and Women Business Development (“OMWBD”) to participate in the design and construction of the Project as contractors, subcontractors, suppliers, joint venture partners, or other arrangements that afford meaningful opportunities for M/W/V/DOBE participation, consistent with the goals of delivering the best value Project for The City on time and within budget.

The City’s M/W/V/DOBE goals will be used for all projects that relate to or connect with the Project: MBE (15%), WBE (8%), VBE (3%), DOBE (1%). Unless otherwise provided in the Request for Proposals (“RFP”) or Contract Documents, these same goals shall apply to each Proposal. Offerors must make good faith efforts to actively and aggressively seek to meet and exceed these goals, and their M/V/W/DOBE utilization plans identified in the Offeror’s Qualitative Proposal in response to the RFP will be evaluated by the Technical Review Committee (“TRC”) accordingly. considered in the determination of whether a Proposal is responsive.

DEFINITIONS

“Application for M/W/V/DOBE Program Waiver” or “Waiver Application” means the document(s) submitted by the Design-Builder to The City requesting the Offeror’s exemption from the Design-Build Contract M/W/V/DOBE goals and providing an explanation, as well as documentation, setting forth the reasons the Offeror requests the waiver.

“Broker” means a business entity that serves as an intermediary who negotiates contracts of purchase and sale, without assuming any risk of loss and without providing a commercially useful function.

“Certified” or “Certification” means the M/W/V/DOBE is listed on the City of Indianapolis Directory of Certified Firms.

“City of Indianapolis Directory of Certified Firms” means the list of Certified firms maintained by the City of Indianapolis Office of Minority and Women Business Enterprises located at <http://www.indy.gov/eGov/City/DMWBD/MBE-WBE-VBE/Pages/OMWBD-Vendor-Listing.aspx>

“Commercially Useful Function” is a distinct element of the Work or contract that the M/W/V/DOBE is responsible for because of its contract for the Project with the Design-Builder or another subcontractor on the Project, and the M/W/V/DOBE carries out its responsibilities by performing, managing and supervising the Work involved. In determining whether an M/W/V/DOBE is performing a Commercially Useful Function, factors including, but not limited to, the following will be considered:

1. Whether the M/W/V/DOBE assumes the financial risk of the transaction.
2. Whether the M/W/V/DOBE determines the quality and quantity of material needed and orders the materials.
3. Whether the M/W/V/DOBE installs the material.
4. Whether the M/W/V/DOBE manages or supervises the work involved.
5. Whether the M/W/V/DOBE adds value to the transaction.
6. The value the M/W/V/DOBE adds to the transaction.
7. Whether the M/W/V/DOBE locates the equipment needed to complete the Work and arranges for the equipment to be at the appropriate location on a specified date(s).
8. The amount of Work subcontracted by the M/W/V/DOBE. M/W/V/DOBE, Design-Builder, and its subcontractors may not subcontract more than 30% of the work to a non-M/W/V/DOBE or the M/W/V/DOBE is deemed not to be performing a Commercially Useful Function with full oversight and control. The purchase of materials and supplies by the M/W/V/DOBE is not considered to be

subcontracting the Work.

9. Whether the M/W/V/DOBE performs according to standard industry practices.
10. Any other criteria deemed pertinent by The City.

“Contract Goals” means the targeted amount of participation identified by The City in the Request for Proposals as measured by the desired percentage of involvement of M/W/V/DOBEs as established in each Proposal.

“Design-Build Contract” The contract between The City and the successful Design-Build Team executed for the Project.

“Disability Owned Business Enterprise” or “DOBE” means an individual, partnership, corporation, limited liability company, or joint venture of any kind that is at least fifty-one percent (51%) owned and controlled by one or more socially disadvantaged individual(s) and who is/are United States citizens. The DOBE must be listed on the City of Indianapolis Directory of Certified Firms.

“Disqualified Entity” means an M/W/V/DOBE whose Certification has been suspended, revoked or not renewed or that has been removed from the City of Indianapolis Directory of Certified Firms.

“Diverse Business Utilization Plan” means the Offeror’s narrative diversity utilization plan as requested in Section 5.6.3.9 of the RFP and includes and incorporates the following documents:

1. A completed Diversity Plan Questionnaire identifying the proposed M/W/V/DOBE subcontractors and suppliers that will perform Work on the Project.
2. A copy of the Certification for each M/W/V/DOBE listed in the Diversity Plan Questionnaire and verification the M/W/V/DOBE is listed on the City of Indianapolis Directory of Certified Firms located on: <http://www.indy.gov/eGov/City/DMWBD/MBE-WBE-VBE/Pages/OMWBD-Vendor-Listing.aspx> “Minority Business Enterprise” or “MBE” means an individual, partnership, corporation, limited liability company, or joint venture of any kind that is at least fifty-one percent (51%) owned and controlled by one (1) or more minorities who are Lawful Permanent Residents and United States citizens. The MBE must be listed on the City of Indianapolis Directory of Certified Firms.

“Veteran Business Enterprise” or “VBE” means an individual, partnership, corporation, limited liability company, or joint venture of any kind that is at least fifty-one percent (51%) owned and controlled by one (1) or more Veterans and who are Lawful Permanent Residents and United States citizens. The VBE must be listed on the City of Indianapolis Directory of Certified Firms.

“Women Business Enterprise” or “WBE” means an individual, partnership, corporation,

limited liability company, or joint venture of any kind that is at least fifty-one percent (51%) owned and controlled by one (1) or more women and who are Lawful Permanent Residents and United States citizens. The WBE must be listed on the City of Indianapolis Directory of Certified Firms.

“Work” means the work required to be furnished and provided by Design-Builder or its subcontractors or laborers under the Design-Build Contract or the Design-Builders agreements with the subcontractors or laborers, including all administrative, design, engineering, real property acquisition and occupant relocation, construction, aesthetics and landscaping work, rehabilitation work, operations, maintenance and management services for the Project.

1. CONTRACT REQUIREMENTS

A. Pursuant to Sec. 581-102 of the Revised Code, a non-discrimination clause shall be contained in every contract to which one (1) of the parties is The City or the County, or any board, department or office of either The City or County, including franchises granted to public utilities.

B. Contracts let by The City will contain language regarding equal opportunity, affirmative action and MBE/WBE/VBE/DOBE utilization.

2. MINORITY AND WOMEN BUSINESS ENTERPRISE CERTIFICATION

M/W/V/DOBEs must be listed on the City of Indianapolis Directory of Certified Firms and provide a copy of the M/W/V/DOBE's certification to be eligible to fulfill the Contract Goals. M/W/V/DOBEs, must be listed on the City of Indianapolis Directory of Certified Firms at the time the Proposal is submitted.

If an Offeror cannot locate a M/W/V/DOBE to provide work, services, or goods that can be subcontracted or procured, the Offeror may apply for a Waiver in accordance with the M/W/V/DOBE Program Waiver. The M/W/V/DOBE must maintain Certification throughout the duration of the Design-Build Contract. If the OMWBD does not grant approval to utilize a non-certified M/W/V/DOBE, then the Offeror must provide alternative M/W/V/DOBE participation of an amount equal to that which was to be provided with the non-certified M/W/V/DOBE, for no increase in the Price Proposal or Contract Price.

Offeror should verify that all proposed M/W/V/DOBEs are Certified before the Proposal is submitted, and that the Certifications are maintained through the duration of the Design-Build Contract. A M/W/V/DOBE must be certified for each type of good(s) or services the M/W/V/DOBE is to provide in the Diversity Plan Questionnaire at the time the Plan is submitted. If a M/W/V/DOBE is not certified for the type of goods or services, it is to provide the dollar amount for those goods or services may not be counted toward the Contract Goals.

If a M/W/V/DOBE's Certification expires or an M/W/V/DOBE fails to submit the paperwork to renew its Certification in a timely manner during the Project, the dollar value of the Work performed by the M/W/V/DOBE during the time the Certification has expired will be ineligible to satisfy the Contract Goals. A M/W/V/DOBE must submit the paperwork to renew its Certification pursuant to the rules and/or guidelines of the appropriate certifying agency prior to the date the Certification will expire.

In the event a M/W/V/DOBE's is no longer listed on the City of Indianapolis Directory of Certified Firms due to the M/W/V/DOBE Certification being suspended, revoked or the renewal application is denied by the OMWBD before a subcontract has been executed with the Disqualified Entity, the Contractor must meet the Contract Goals with an eligible enterprise or demonstrate that it has made a good faith effort to locate an eligible enterprise and submit a Waiver Application. In determining whether to grant a Waiver Application, The City may consider whether the Design-Builder caused or materially participated in the suspension or revocation of the M/W/V/DOBE's Certification or the denial of its renewal application. If a subcontract has been executed with the Disqualified Entity before OMWBD has issued a Notice to Show Cause pursuant to 49 C.F.R. Part 26, or has removed the M/W/V/DOBE from the City of Indianapolis Directory of Certified Firms, the Design-Builder may continue to use the M/W/V/DOBE on the subcontract and receive credit towards the Contract Goal for the M/W/V/DOBE's Work. An M/W/V/DOBE will be Certified until the M/W/V/DOBE has exhausted all appeals afforded by the City of Indianapolis OMWBD.

M/W/V/DOBEs located in other cities must be Certified by OMWBD to be counted towards the Contract Goals. Certification requirements can be found at <http://www.indy.gov/eGov/City/DMWBD/MBE-WBE-VBE/Pages/OMWBD-Vendor-Listing.aspx>

3. COUNTING M/W/V/DOBE PARTICIPATION

The City of Indianapolis established the following Contract Goals for the Indianapolis Community Justice Campus (ICJC) projects:

- **15% MBE**
- **8% WBE**
- **3% VBE**
- **1% DOBE**

This section on counting participation is provided to help frame The City's expectations for attaining or exceeding the Contract Goals. M/W/V/DOBE participation shall be counted toward meeting the Project goals as follows:

1. Once a subcontractor, partner, or sub-consultant is determined to be an eligible M/W/V/DOBE by the OMWBD, the total dollar value of the contract awarded to the M/W/V/DOBE is counted toward the applicable M/W/V/DOBE Contract Goals.
2. The Design-Builder may count toward its M/WB/V/DOBE Contract Goals a portion of the total dollar value of a contract with a joint venture eligible under the standards of this subpart equal to the percentage of the ownership and control of the M/W/V/DOBE partner in the joint venture.

3. The Design-Builder may count toward its Contract Goals only expenditures to M/W/V/DOBE firms that perform a Commercially Useful Function in the Work of a contract.
 - a. An M/W/V/DOBE is considered to perform a Commercially Useful Function when it is responsible for execution of a distinct element of the Work of a contract and carrying out its responsibilities by performing, managing, and supervising the Work involved. To determine whether a M/W/V/DOBE is performing a Commercially Useful Function, the recipient or contractor shall evaluate the amount of Work subcontracted, industry practices, and other relevant factors.
 - b. Consistent with normal industry practices, a M/W/V/DOBE may enter subcontracts.
4. If a M/W/V/DOBE subcontractor contracts a significantly greater portion of the Work of the contract than would be expected based on normal industry practices, the M/W/V/DOBE shall be presumed not to be performing Work that is considered a Commercially Useful Function. The M/W/V/DOBE may present evidence to rebut this presumption to the recipient. The recipient's decision on the rebuttal of this presumption is subject to review by the OMWBD.
5. A recipient or contractor may count toward its Contract Goals sixty percent (60%) of the expenditure for materials and supplies required under a contract and obtained from a M/W/V/DOBE regular dealer, and one hundred percent (100%) of such expenditures to an M/W/V/DOBE M/W/V/DOBE manufacturer.
 - a. For purposes of this section, a "Manufacturer" is a firm that operates or maintains a factory or establishment that produces on the premises the materials or supplies obtained by the recipient or contractor.
 - b. For purposes of this section, a "Regular Dealer" is a firm that owns, operates, or maintains at least one of the following: a store, warehouse, or other establishment in which material or supplies used for the performance of the contract are brought, kept in stock, and regularly sold to the public in the usual course of business.
 - i. To be a Regular Dealer, the firm must engage in, as its principal business, and in its own name, the purchase and sale of the products in question;
 - ii. A Regular Dealer in such bulk items as steel, cement, gravel, stone, and petroleum products need not keep such products in stock, if it owns or operates distribution equipment; and
 - iii. Brokers and packagers shall not be regarded as Manufacturers or regular dealers within the meaning of this section.

6. A recipient or contractor may count toward its Contract Goals the following expenditures to M/W/V/DOBE firms exclusive of Manufacturers or Regular Dealer:
 - a. The fees or commissions charged for providing a bona fide service, such as professional, technical, consultant or managerial services. The following charges may also be counted:
 - i. Assistance in the procurement of essential personnel;
 - ii. Facilities;
 - iii. Equipment; and
 - iv. Materials or supplies required for performance of the contract, provided that the fee or commission is determined by the recipient to be reasonable and not excessive as compared with fees customarily allowed for similar services.
 - b. The fees charged for the delivery of material and supplies required on a job site if the following requirements are met:
 - i. the cost of the materials and supplies themselves are excluded;
 - ii. when the hauler, truck or delivery service is not also the Manufacturer or a Regular Dealer in the materials and supplies;
 - iii. the fee is determined by the recipient to be reasonable and not excessive as compared with fees customarily allowed for similar services.
 - c. The fees or commissions charged for providing any bonds or insurance specifically required for the performance of the contract, provided that the fee or commission is determined by the recipient to be reasonable and not excessive as compared with fees customarily allowed for similar services.
7. In a situation where the Design-Builder or a subcontractor leases equipment to complete work on the Project, The City/OMWBD will determine whether one hundred percent (100%) of the lease payments or a reasonable allocation of the lease payments will count toward the Contract Goals as a portion of the prime contractor or subcontractor's overhead. In making the determination The City/OMWBD shall consider the following factors:
 - a. Whether the equipment will be used solely for the Project or the Design-Builder or subcontractor will utilize the equipment for other projects.
 - b. The duration of the lease agreement.

- c. Whether the Design-Builder or the subcontractor will purchase the equipment at the end of the lease period pursuant to the terms of the lease agreement.
- d. Whether the Design-Builder or subcontractor has used the equipment for other jobs prior to commencement of work on the Project.
- e. Whether the Design-Builder or the subcontractor will use the equipment for other jobs after completion of work on the Project.
- f. The durability or longevity of the equipment.
- g. The cost of the lease payments in relation to the dollar value of the work the Design-Builder or subcontractor will fulfill with the equipment.
- h. The value of the equipment if it were purchased rather than leased.

Counting diverse business participation also takes into consideration various tiers that are defined as:

- 1. Tier 1 participation refers to spend by the Design-Builder – generally defined as the entity that holds the prime contract. The Commercially Useful Function will be counted towards the goal.
- 2. Tier 2 and Tier 3 participation in all cases refers to subcontractors and their Commercially Useful Function.

What follows is the Table of M/W/V/DOBE (XBE) Credits (For Subcontractors), which defines how to count participation.

Table of M/W/V/DOBE (XBE) Credits (For Sub-contractors)	
XBE Category/Specialty (Trade)	XBE Credit
Broker	Fees & Commission Only
Construction Sub	100% XBE Credit
Supplier - Regular Dealer	60% XBE Credit
Engineering Sub	100% XBE Credit
General Sub	100% XBE Credit
Hauler Lease	100% XBE Credit
Industrial Sub	100% XBE Credit
Supplier - Manufacturer	100% XBE Credit
Professional	100% XBE Credit
Broker-Supplier	Fees & Commission Only
Equipment Leasing	Fees & Commission Only

4. REPORTING PROCEDURES

Design-Builder awarded the Project and that enters into the Design-Build Contract required to submit M/W/V/DOBE utilization data on the payment application that will be submitted to The City and is attached to the Design-Build Contract as Exhibit 9-A. This information will be used to track the Design-Builder's compliance with satisfying The City's Contract Goals. Participation shall also include any diverse business involvement on Change Orders. The City may prescribe reporting forms to utilize on the Project. Ultimately the participation data/reports will be submitted and approved by OMWBD.

5. PROPOSAL

Each Offeror shall state whether it meets M/W/V/DOBE Certifications on its own or via potential partners or sub-consultants. If Offerors intend or need to rely on partners, subcontractors, or sub-consultants to meet these requirements, then they are encouraged to identify M/W/V/DOBE certified firms they have worked with on other relevant projects as part of their Diversity Plan Questionnaire. The City reserves the exclusive right to select or approve M/W/V/DOBE certified firms as partners, subcontractors, or sub-consultants for Offerors or otherwise.

The Offerors Diversity Plan Questionnaire serves as the Offeror's Diverse Business Utilization Plan for the Project. However, Offerors are encouraged to address how they would plan to meet all items identified in this Diversity Plan, and specifically, this Section if selected as the Design-Builder for the Project.

1. Ensure M/W/V/DOBE certified firms are made aware of contracting opportunities fully practicable through outreach and recruitment activities; including placing M/W/V/DOBE certified firms on solicitation lists and soliciting them whenever they are potential sources.
2. Make information on forthcoming opportunities available to M/W/V/DOBE certified firms and arrange time frames for contracts and establish delivery schedules, where the requirements permit, in a way that encourages and facilitates participation by M/W/V/DOBE certified firms.
3. Encourage contracting with a consortium of M/W/V/DOBE certified firms when the project is too large for one M/W/V/DOBE consultant to handle individually.
4. Define the payment terms so that M/W/V/DOBE certified firms will be paid in a timely fashion, i.e. within 10 days of receipt of payment by the Design-Builder or allowing for The City to have a direct pay arrangement with the M/W/V/DOBE certified firms.
5. Use the services and assistance of the OMWBD.
6. A M/W/V/DOBE that is submitting a Proposal must subcontract the Contract Goals set forth in the RFP to other qualified M/W/V/DOBEs, or submit a Waiver Application, the same as a non-M/W/V/DOBE that is submitting a Proposal.

7. In instances where an exact dollar amount to be subcontracted to an M/W/V/DOBE firm cannot be determined, the Offeror shall indicate in its Proposal the dollar amount that will be paid to the M/W/V/DOBE firms. In an instance such as this, the Offeror should specify the minimum dollar amount that will be paid to the M/W/V/DOBE firm. If the Offeror will not achieve the Contract Goals established by the RFP, the Offeror shall, submit a Waiver Application on the form supplied by the City.
8. If a partial waiver is being requested, the Offeror must list the M/W/V/DOBE firms that will be used to satisfy the portion of the Contract Goals that will be met. A Notice of Intent to Perform as a Subcontractor/Supplier for each M/W/V/DOBE firm that is listed in the Diversity Plan Questionnaire must also be included.
9. The City will review Waiver Applications and decide as to the good faith efforts. Any of the following criteria may be utilized in determining whether good faith efforts have been made:
 - a. Notice to M/W/V/DOBEs, and Offeror must identify:
 - i. Whether and when the Offeror provided written notice, by mail, hand delivery, facsimile or electronic transmission to all qualified M/W/V/DOBEs that perform the type of work to be subcontracted and advising the M/W/V/DOBEs of the subject work the Offeror intends to subcontract;
 - ii. That their interest in Subcontracts is being solicited; and
 - iii. how to obtain information for the review and inspection of the RFP and Contract Documents.
 - b. Economically Feasible Subcontract. Offeror must identify whether the Offeror selected economically feasible portions of the Work to be performed by an M/W/V/DOBE, including, when appropriate, breaking subcontracts into smaller pieces or combining elements of the work into economically feasible units. The ability of the Offeror to perform the Work with its own forces will not excuse the Offeror from making positive efforts to meet the M/W/V/DOBE goals.
 - c. Consideration of all M/W/V/DOBE Quotations. Offeror must identify whether the Offeror considered all quotations received from M/W/V/DOBEs and, for those quotations not accepted, an explanation of why the M/W/V/DOBE will not be used on the Project. Receipt of a lower quotation from a non-M/W/V/DOBE will not excuse an Offeror's failure to meet the M/W/V/DOBE goals. Price alone does not constitute an acceptable basis for rejecting M/W/V/DOBE subcontractor quotes unless the Offeror can demonstrate that a reasonable price was not obtained from an M/W/V/DOBE.

- d. M/W/V/DOBE Assistance. Offeror must identify whether the Offeror helped interested M/W/V/DOBE firms in reviewing the RFP and Contract Documents.
- e. M/W/V/DOBE Barrier Assistance. Offeror must identify whether the Offeror assisted interested M/W/V/DOBE firms in obtaining required bonding, lines of credit, insurance or other barriers of participation in the Project.
- f. Advertisement. Offeror must identify whether the Offeror advertised to search for prospective M/W/V/DOBEs to participate in the Project.
- g. Assistance. Offeror must identify whether the Offeror contacted any of the following agencies or outreach companies for locating prospective M/W/V/DOBEs:

City of Indianapolis
 Office of Minority & Women Business Development
 Attn: Director & Compliance Manager
 200 East Washington Street, Suite 1260
 Indianapolis, IN 46204 (317) 327-5262
 OMWBD@indy.gov www.indy.gov/omwbd

Engaging Solutions, LLC
 3965 N. Meridian, Suite 1B Indianapolis, IN 46208 (317) 283-8300
 Contact: Debbie Wilson
 Debbie@engagingsolutions.net

- h. Research Participation Areas. Identify whether the Offeror made efforts to research other possible areas of participation including supplying, shipping, engineering and any other role that may contribute to the production and delivery of the products or services needed to fulfill the Contract Goals.
- i. Affirmative Action. Discuss Offeror's affirmative action policies or programs as they pertain to the utilization of M/W/V/DOBEs and how those policies are implemented.
- j. Response Time. The Offeror is allowed ten (10) days for a meaningful response to its solicitations and properly notifying OMWBD as well.
- k. Documentation of Statements from M/W/V/DOBEs. Any documentation or statements received from M/W/V/DOBEs who have been listed as having been contacted by the Offeror.
- l. Availability of M/W/V/DOBEs. The availability of M/W/V/DOBEs to perform the Work and the availability, or lack of availability, of M/W/V/DOBEs in the location where the Work is to be performed.

- m. Other Criteria. Any other criteria deemed appropriate by The City.

This list is not intended to be exclusive or exhaustive. The Offeror may also submit documentation of other types of efforts that it has taken which reflect the quality, quantity and intensity of those good faith efforts.

When evaluating Waiver Applications, The City reserves the right to verify the accuracy of any information supplied in the Waiver Application. By the submittal of a Proposal, the Offeror acknowledges the right of The City to ensure compliance with this Diversity Plan and thereby agrees to provide, upon request, earnest, diligent and prompt cooperation in The City's verification process.

In cases where The City concludes the Offeror's Diversity Plan Questionnaire and the Waiver Application is deficient through no fault of the Offeror the Offeror may be instructed to modify the submittals within five (5) working days from the date of such notice. Failure to submit the modified plans within the specified period may result in the Proposal being considered non-responsive and may be rejected.

In cases where The City concludes that the Diversity Plan Questionnaire and Waiver Application are deficient because of the negligence or misrepresentation of the Offeror, or in cases where The City has determined that the Offeror has not cooperated with its efforts to verify the submitted documentation, a Proposal may be considered non-responsive and may be rejected.

If the established Contract Goals are not achieved but the Waiver Application is granted, the Proposal will be considered responsive. If the established Contract Goals are not achieved and the Waiver Application is denied, a Proposal may be considered non-responsive and may be rejected.

Failure to provide the Diverse Business Utilization Plan and/or a Waiver Application may result in the Proposal being considered non-responsive and rejection of the Proposal.

By submission of a Proposal, an Offeror thereby acknowledges and agrees to be bound by the regulatory process set forth by the City of Indianapolis, Marion County, the OMWBD, and the Contract Documents.

An Offeror who knowingly or intentionally misrepresents the truth about either the status of a subcontractor, partner, or sub-consultant that is being proposed as an M/W/V/DOBE or who misrepresents the level of the nature of the amount to be subcontracted to the M/W/V/DOBE is in breach of contract and may suffer penalties pursuant to Indiana Code 5-16-6.5-5 and may cause the Proposal to be rejected.

A subcontractor, partner, or sub-consultant who knowingly or intentionally misrepresents the truth about its status as a M/W/V/DOBE or who misrepresents the level, or the nature of the amount subcontracted to its firm is in breach of contract and may suffer penalties pursuant to Indiana Code 35-44-2-1 and may cause the Proposal to be rejected.

6. COMPLIANCE

To monitor the level of M/W/V/DOBE participation, all Offerors shall submit written assurance

of meeting the goals stated in the contracts to be let. After award of the Design-Build Contract, Design-Builder must submit Exhibit 9-A for each subcontractor throughout the Project.

Design-Builder shall contract with all M/W/V/DOBE firms listed on the Diversity Plan Questionnaire. The subcontract or purchase order shall be for an amount that is equal to, or greater than, the total dollar amount listed on the form.

Design-Builder shall notify The City immediately if any firm listed on the Diversity Plan Questionnaire refuses to enter a subcontract or fails to perform according to the requirements of the subcontract.

The Design-Builders proposed M/W/V/DOBE Contract Goals will become incorporated into and become a requirement of the Design-Build Contract.

Design-Builder shall, within thirty (30) days of the execution of the Design-Build Contract, provide copies of fully-executed subcontracts and purchase orders with all M/W/V/DOBEs included in its Diversity Plan Questionnaire to The City.

During the work, Design-Builder shall expeditiously provide copies of all change orders, contract modifications, additions and deletions to all subcontracts and purchase orders issued to M/W/V/DOBEs.

During the work, Design-Builder is required to submit monthly reports (“Monthly Report Forms”) detailing the progress of the Design-Builder in achieving the goals established in the Proposal and Design-Build Contract.

Design-Builder shall not substitute, replace or terminate any M/W/V/DOBE firm without prior written authorization from The City. Design-Builder shall not reduce the scope of work or monetary value of a subcontract or purchase order with any M/W/V/DOBE without prior written authorization from The City. Design-Builder shall notify The City of any additional awards to M/W/V/DOBEs. Design-Builder shall submit a new Diversity Plan Questionnaire setting forth the new M/W/V/DOBE(s) that will perform work for the Design-Builder, if substitutions occur.

Design-Builder shall cooperate and participate in compliance reviews as determined necessary by The City. Design-Builder shall provide all necessary documentation to show proof of compliance with the requirements of the this Diversity Plan as requested by The City.

7. NON-COMPLIANCE

If it is determined by The City that the Design-Builder is not in compliance with this Diversity Plan, The City will notify the Design-Builder within ten (10) days after the initial compliance review or the site visit and identify the deficiencies found and the required corrective action that should be taken to remedy the deficiencies within a specific time.

If a Design-Builder is found non-compliant, the Design-Builder must submit, in writing, a specific commitment to correct the deficiencies. The commitment must include the specific action to be taken and the date for completion.

Upon receipt of the written commitment from the Design-Builder, The City will notify the Design-Builder, in writing, within ten (10) days after of the acceptability of the commitment Design-Builder is aware that making such commitments does not preclude future determinations of non-compliance based on the finding that the commitments were not faithfully performed.

If the City determines the Design-Builder has failed to comply with the provisions of this Diversity Plan, the Design-Build Contract, or 25 IAC 5, The City may impose any or all the following sanctions:

1. Withholding payment on the Design-Build Contract until such time that satisfactory corrective measures are made.
2. Adjustment to payments due or the permanent withholding of retainages of the Design-Build Contract.
3. Suspension or termination of the specific Design-Build Contract in which the deficiency is known to exist.
 - a. In the event this sanction is employed, the Design-Builder will be held liable for any consequential damages arising from the suspension or termination of the Design-Build Contract, including damages caused because of the delay or from increased prices incurred in securing the performance of the balance of the work by other subcontractors.
4. Advise OMWBD of the non-compliance in writing to OMWBD: Director & Compliance Manager.
5. Continued non-compliance may be deemed a material breach of the Design-Build Contract, whereupon The City shall have all the rights and remedies available to it under the Design-Build Contract or at law.

If a M/W/V/DOBE subcontractor or supplier of goods and services violates this Diversity Plan, the Design-Build Contract, or any applicable rules and regulations, The City may determine the M/W/V/DOBE is ineligible to perform work or provide goods or services for the Project. The City may contact OMWBD and disclose the violation.

8. OWNER'S REPRESENTATIVE

The provisions of this Diversity Program and the Design-Build Contract will be administered and enforced by The City through its Owner's Representative, who shall act on behalf of The City. Where "The City" is referenced herein the Owner's Representative shall provide direction on behalf of the City pursuant to the Design-Build Contract. OMWBD will work in conjunction with the Owner's Representative in the administration and enforcement of this Diversity Plan as requested.

If requested, Engaging Solutions will assist Offerors in the identification of Certified M/W/V/DOBE firms for subcontractors. Offerors are encouraged to contact and work with Engaging Solutions to design a plan to meet or exceed established Contract Goals.

If requested, Engaging Solutions will refer Offerors and M/W/V/DOBEs wishing to be certified to the OMWBD to become certified.

Questions involving this Diversity Plan should be directed to:

Engaging Solutions Attn: Debbie Wilson (317) 283-8300
debbie@engagingsolutions.net

9. PRE-PROPOSAL INSTRUCTIONS

The City subcontractor/supplier goals on all City/County projects are for 15% Minority Business Enterprise (MBE), 8% Women Business Enterprise (WBE), and 3% Veteran Business Enterprise (VBE) and 1% Disability-Owned Business Enterprises (DOBE) participation. Because these are subcontractor/supplier goals, an Offeror that is a City certified MBE, WBE, VBE and DOBE may not count itself toward achievement of these subcontractor/supplier goals.

All M/W/V/DOBE firms used on City projects must be certified by the City of Indianapolis. If a potential MBE, WBE, VBE and DOBE subcontractor is not certified by the City, they may still be counted, if they can provide the OMWBD with a complete certification application (if approved). Purchases from an MBE, WBE, VBE or DOBE suppliers is allowed the maximum credit is sixty percent (60%), and Brokers are counted at two percent (2%), or their Commission fee only (per 49 C.F.R. regulations).

Post-Proposal submissions:

1. Subcontractor/Supplier Participation and Payment Form attached hereto as “Exhibit 9-A” Offeror must enter the full legal names of all subcontractors and suppliers that will be used on the project. All Subcontractors/Suppliers along with all City of Indianapolis certified MBE, WBE, VBE and DOBE firms must be submitted as a post-Proposal document. The type of work to be performed must be included, along with the total subcontract dollar amount, and whether the subcontractor is an MBE, WBE, VBE, DOBE (DBE when applicable). The MBE, WBE, VBE and DOBE firms must be notified that they were utilized on Exhibit 9-A for each project through the letter of intent attached hereto as Exhibit 9-C.
2. Application for Program Waiver attached hereto as “Exhibit 9-B” If Offeror does not meet the goals, Offeror must provide an “Application for M/W/V/DOBE Program Waiver” form to demonstrate good faith effort. This form is attached hereto as Exhibit 9-B. On this form Offeror must demonstrate all the following in detail:
 - a. Advertisements in search of city approved M/W/V/DOBE subcontractors. Written notifications sent directly to M/W/V/DOBE firms to solicit their participation on this project. **Notices must provide sufficient time to allow them to participate** (business days);
 - b. OMWBD e-blast notification;

- c. Efforts to select portions of the project to be performed by M/W/V/DOBE firms;
- d. Evidence of negotiations with M/W/V/DOBE firms for specific sub-bids and/or partnerships, to include name, address, phone & fax number, description of the info provided them, and why agreements with M/W/V/DOBE were not reached;
- e. Evidence of technical assistance provided to M/W/V/DOBE firms (bonding, insurance, and line of credit) to encourage their participation on the project;
- f. Research of other possible areas of M/W/V/DOBE participation (suppliers, shipping, engineering, trucking); etc.;
- g. Other efforts to meet The City M/W/V/DOBE goals.

3. Workforce Data and Letters of Intent

Design-Builder shall submit a OMWBD Letter of Compliance. In addition, Design-Builder should include contracts or letters of intent signed by all MBE, WBE, VBE or DOBE subcontractors and suppliers being used on the Project. Design-Builder must submit in writing to OMWBD with justification to terminate or replace any M/W/V/DOBE vendor. OMWBD has the final decision on approval of the termination or replacement. In addition, the Design-Builder must use the good faith efforts method to substitute or replace any M/W/V/DOBE subcontractor(s).

The City is very interested in achieving maximum levels of minority-, woman-, veteran-, disability-owned business participation throughout the development and construction of all Public Works projects. Good Faith efforts are expected and will be verified to insure compliance with these requirements per project. The City only counts the Commercial Useful Function conducted by the subcontractors.

Current list of City of Indianapolis MBE M/W/V/DOBE certified vendor can be requested from the OMWBD by email (OMWBD@indy.gov) or by OMWBD Vendor Profile Application

List of City Certified firm:

- 1. <http://www.indy.gov/eGov/City/DMWBD/MBE-WBE-VBE/Pages/OMWBD-Vendor-Listing.aspx>
- 2. www.indy.gov/omwbd

Table of M/W/V/DOBE (XBE) Credits (For Sub-contractors)	
XBE Category/Specialty (Trade)	XBE Credit
Broker	Fees & Commission Only
Construction Sub	100% XBE Credit
Supplier - Regular Dealer	60% XBE Credit
Engineering Sub	100% XBE Credit

General Sub	100% XBE Credit
Hauler Lease	100% XBE Credit
Industrial Sub	100% XBE Credit
Supplier - Manufacturer	100% XBE Credit
Professional	100% XBE Credit
Broker-Supplier	Fees & Commission Only

*Same measurability as (INDOT) DBE Program

If you have any question or need assistance in making “Good Faith Efforts” please contact me for assistance.

Fahad Beg, Senior Manager
City of Indianapolis – Officer of Minority Women Business Development
fbeg@indy.gov

City of Indianapolis Subcontractor/Supplier Participation Form and Payment Application (Submit With All Payment Requests)
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[illegible]

*** ALL WHITE FIELDS ARE TO BE COMPLETED BY VENDOR.**

**** ALL YELLOW FIELDS ARE COMPUTED BY A FORMULA.**

EXHIBIT 9-B
Application for MBE/WBE/VBE/DOBE Program Waiver
Design-Build Projects

This application for a (check one or more of the following) ☐ MBE ☐ WBE ☐ VBE ☐ DOBE program waiver is hereby submitted for the Courts Project by the Design-Builder listed below. (Use additional sheets if necessary.)

Date of Application: _____ Project Number: _____
Project Name: _____
Design-Builder: _____
Contact name: _____ Phone: _____
Address: _____

In attempting to meet the project goals Design-Builder made the following good faith efforts for the purpose of fulfilling that goal.

1. Design-Builder (check one of the following) ☐ did ☐ did not attend all meetings held by the City to inform MBEs, WBEs, VBEs and DOBEs of contracting opportunities. (Attach documentation of attendance.)

If Design-Builder did not attend all such meetings, please explain: _____

2. Design-Builder placed the following advertisements in search of prospective MBEs, WBEs, VBEs and DOBEs for the contract. (List and attach all such advertisements.)

<u>PUBLICATION</u>	<u>DATE OF AD</u>	<u>TOPIC OF AD</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

If Design-Builder placed no such advertisements, please explain: _____

3. Design-Builder provided the following written notifications to MBEs/WBEs/VBEs/DOBEs notifying them of contracting opportunities in sufficient time to allow them to participate and to minority business assistance agencies for the purpose of locating prospective MBEs, WBEs, VBEs and DOBEs for the contract. Design-Builder's written notification to the Office of Minority and Women Business Development for assistance in locating MBEs, WBEs, VBEs and DOBEs must also be documented. (List and attach all such documents. Use additional sheets if needed.)

<u>MBE/WBE/VBE/DOBE OR ASSISTANCE AGENCY</u>	<u>DATE OF NOTICE</u>
_____	_____
_____	_____
_____	_____

4. Design-Builder made the following efforts to select portions of the work to be performed by MBEs/WBEs/VBEs/DOBEs in order to increase the likelihood of achieving the stated goals, including the division of contracts into economically feasible units/parcels to facilitate participation:

5. Design-Builder contacted and/or negotiated with the following MBEs/WBEs/VBEs/DOBEs for specific sub- quotes and/or partnerships. Please include a description of the information provided to MBEs/WBEs/VBEs/DOBEs regarding the plans and specifications for portions of the work to be performed and a statement of why prospective agreements with MBEs/WBEs/VBEs/DOBEs were not reached. (List and attach documentation of such contacts/negotiations.)

<u>CONTACT</u>	<u>ADDRESS</u>	<u>PHONE</u>	<u>INFO. PROVIDED</u>	<u>WHY NEGOTIATIONS FAILED</u>
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(Use additional sheets if needed.)

6. Design-Builder provided the following technical assistance to MBEs/WBEs/VBEs/DOBEs in an effort to obtain MBE/WBE/VBE/DOBE participation, such as obtaining bonding, insurance, or a needed line of credit for the project, in an effort to obtain MBE/WBE/VBE/DOBE participation. (Attach documentation of such assistance.)

7. Design-Builder researched other possible areas of participation, including but not limited to, suppliers, shipping or transport enterprises, engineering enterprises or any other role that may contribute to the production and delivery of the product or services specified in the contract . (Attach documentation of such efforts.)

8. Following is a description of any other efforts Design-Builder made to meet the MBE/WBE/VBE/DOBE participation goal. (Attach documentation of such efforts.)

Design-Builder certifies that all information contained herein and attached hereto is true and accurate and that all good faith efforts were made by Design-Builder for the purpose of fulfilling the project goals.

Quoter's Signature: _____ **Date:** _____

For Minority Business Development Program use only.

This Application for Program Waiver is:

☐ Not Approved ☐ Approved

☐ Approved subject to the following conditions/restrictions:

Director and Compliance Manager
Office of Minority and Women Business Development

EXHIBIT 9-C

**LETTER OF INTENT TO PERFORM AS A SUBCONTRACTOR /
SUPPLIER**

Instructions: Within three (3) business days of notification by Owner, the apparent lowest responsive Bidder will be required to submit a “Letter of Intent to Perform as a Subcontractor” for each M/W/V/DOBE subcontractor listed on Bidder’s Subcontractor/Supplier Participation.

PROJECT/WORK:

BIDDER:

M/W/V/DOBE FIRM:

The M/W/V/DOBE Firm is currently certified by the City of Indianapolis. The Bidder hereby states its intent to utilize the M/W/V/DOBE Firm on this Project/Work. Bidder intends to enter a contractual agreement with the listed M/W/V/DOBE Firm who will provide the following goods/services:

SCOPE OF WORK (Commercial Useful
Function):

--

ESTIMATED VALUE OF SUBCONTRACT: \$_____

This document shall not serve in any manner as an actual subcontract between the two parties. A separate subcontract agreement will describe in detail the contractual obligations of the Bidder and the M/W/V/DOBE Firm.

The M/W/V/DOBE Firm affirms that it will perform, and the Bidder affirms it intends to utilize the M/W/V/DOBE to perform, the scope of work at the subcontract value amount stated above.

Bidder Representative's Signature

M/W/V/DOBE Representative's Signature

Printed Name and Title

Printed Name and Title

Date

Date