

■ Supplemental Documents

Cleanup Site Details

Cleanup Site ID: 11158

Cleanup Site ID: 11158 Facility/Site ID: 94656129 UST ID: 8806 [Site Page](#) [Site Documents](#) [View Map](#)
 Cleanup Site Name: ARCO 6214 [Glossary](#)
 Alternate Names: ARCO 06214, Arco 6214, ARCO AM PM MINI MART LYNNWOOD, ARCO AM/PM MINI MART LYNNWOOD

LOCATION

Address: 4812 196TH ST SW City: LYNNWOOD Zip Code: 98036 County: Snohomish
 Latitude: 47.82083 Longitude: -122.29821 WRIA: 8 Legislative District: 32 Congressional District: 2 TRS: 27N 4E 21

DETAIL

Status: Cleanup Started NFA Received? No Is PSI site? No
 Statute: MTCA NFA Date: N/A Current VCP? No Past VCP? Yes
 Site Rank: N/A NFA Reason: N/A Brownfield? No
 Site Manager: PLIA Responsible Unit: Pollution Liability Ins Agcy Active Institutional Control? No

CLEANUP UNITS

Cleanup Unit Name	Unit Type	Unit Status	Resp Unit	Unit Manager	Current Process
ARCO 6214	Upland	Cleanup Started	PLIA	PLIA	PLIA Petroleum Technical

ACTIVE INSTITUTIONAL CONTROLS

Instrument Type	Restriction Media	Restrictions/Requirements	Date	Recording Number	Recording County	Tax Parcel
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There are no current Institutional Controls in effect for this site.

AFFECTED MEDIA & CONTAMINANTS

MEDIA						
Contaminant	Soil	Groundwater	Surface Water	Sediment	Air	Bedrock
Benzene	C	C				
Petroleum-Gasoline	C	C				

Key:
 B - Below Cleanup Level C - Confirmed Above Cleanup Level RA - Remediated-Above
 S - Suspected R - Remediated RB - Remediated-Below

SITE ACTIVITIES

Activity	Status	Start Date	End Date/ Completion Date
LUST - Report Received	Completed		3/6/1989
LUST - Notification	Completed		3/21/1989
LUST - Report Received	Completed		3/29/1990
LUST - Report Received	Completed		10/12/1990
LUST - Report Received	Completed		3/8/1994
LUST - Report Received	Completed		4/4/1994
LUST - Report Received	Completed		5/22/1995
LUST - Report Received	Completed		7/12/1995
LUST - Report Received	Completed		8/24/1995

Cleanup Site Details

Cleanup Site ID: 11158

SITE ACTIVITIES			
Activity	Status	Start Date	End Date/ Completion Date
LUST - Report Received	Completed		4/3/1996
LUST - Report Received	Completed		10/15/1996
LUST - Report Received	Completed		3/20/1997
LUST - Report Received	Completed		9/12/1997
LUST - Report Received	Completed		9/16/1998
LUST - Report Received	Completed		3/3/1999
LUST - Report Received	Completed		9/21/1999
LUST - Report Received	Completed		3/17/2000
LUST - Report Received	Completed		10/10/2000
LUST - Report Received	Completed		4/5/2001
LUST - Report Received	Completed		8/27/2001
LUST - Report Received	Completed		8/29/2001
LUST - Report Received	Completed		4/25/2002
LUST - Report Received	Completed		4/25/2002
LUST - Report Received	Completed		12/20/2002
LUST - Report Received	Completed		3/5/2003
LUST - Report Received	Completed		10/16/2003
LUST - Report Received	Completed		12/23/2003
LUST - Report Received	Completed		8/5/2004
LUST - Report Received	Completed		2/18/2005
LUST - Report Received	Completed		6/24/2005
LUST - Report Received	Completed		11/23/2005
LUST - Report Received	Completed		2/27/2006
LUST - Report Received	Completed		8/24/2006
LUST - Report Received	Completed		6/21/2007
LUST - Report Received	Completed		10/1/2007
LUST - Report Received	Completed		4/28/2008
LUST - Report Received	Completed		7/23/2008
LUST - Report Received	Completed		3/4/2009
LUST - Report Received	Completed		10/28/2009
LUST - Report Received	Completed		3/1/2010
LUST - Report Received	Completed		3/1/2010
LUST - Report Received	Completed		3/28/2011
LUST - Report Received	Completed		3/28/2011
VCP Receipt of Plan or Report	Completed		2/1/2012
Toxics Cleanup Program		Report Generated: 4/23/2021	Page 2 of 3

Cleanup Site Details

Cleanup Site ID: 11158

SITE ACTIVITIES			
Activity	Status	Start Date	End Date/ Completion Date
LUST - Report Received	Completed		2/5/2013
VCP Receipt of Plan or Report	Completed		5/17/2013
LUST - Report Received	Completed		3/31/2014
LUST - Report Received	Completed		6/23/2015
LUST - Report Received	Completed		4/26/2016
LUST - Report Received	Completed		5/17/2016
LUST - Report Received	Completed		10/25/2016
LUST - Report Received	Completed		3/2/2017
VCP Status Request	Completed	8/24/2018	11/9/2018

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

*Northwest Regional Office • 3190 160th Ave SE • Bellevue, WA 98008-5452 • 425-649-7000
711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341*

August 24, 2018

Mr. Scott Zorn
Arcadis US, Inc.
2300 Clayton Road, Suite 400
Concord, CA 94520

Re: Request for Information on Status of VCP Project for the following Site:

- **Site Name:** Arco 6214
- **Site Address:** 4812 196th St SW Lynnwood, Washington 98036
- **Facility/Site No.:** 94656129
- **Cleanup Site ID:** 11158
- **VCP Project No.:** NW2454

Dear Mr. Zorn:

The Department of Ecology (Ecology) appreciates your decision to clean up the **Arco 6214** facility (Site) independently. This letter is a reminder about the project and that Ecology is committed to assisting you in reaching site closure. In order to do that, we are requesting information on the status of your cleanup and your continued interest in the Voluntary Cleanup Program (VCP).

Due to the high volume of interest in the program, Ecology has made a few changes to ensure our resources are aligned with current VCP project needs. Ecology is requiring that VCP sites are actively conducting remedial actions and that a request for an opinion on current work is pending. Also, we are requiring that a schedule of planned Site cleanup milestones is submitted, showing a committed interest to remain in the VCP to continue receiving Ecology assistance in the near future.

Our records indicate that we have no information on remedial actions that were conducted during the past year at your Site. The last information Ecology received was on March 2017 regarding a 2016 Annual Site Status Report dated January 19, 2017. Ecology's has not issued an opinion on this site since the VCP was opened July 2011.



Request for Information

Please submit the following information to Ecology within 30 days of the date of this letter so we are able to continue to assist you on this project:

1. **Cleanup status report.**
2. **Any reports documenting the cleanup or other associated activities.** Please use Ecology's Remedial Investigation Checklist or other appropriate checklist for cleanup reports submitted. This ensures that all the required information will be included. The checklists are located at: <https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Cleanup-process/Cleanup-options/Voluntary-cleanup-program/Reporting-requirements>
3. **A work plan and schedule for completing the cleanup.** The schedule for completing cleanup actions must be included with your response and should include significant milestones, such as remedial investigation results, quarterly ground water compliance monitoring events, feasibility study evaluations, and anticipated submittal of documents and requests for Ecology opinions. Contingencies and alternative approaches should be identified if the cleanup is not progressing within the expected time frame.
4. **A VCP "Change of Contact Form" for each of the following VCP project contacts, if applicable:** project manager, project billing contact, project consultant, project attorney, or property owner. A dated form should be submitted for each contact for which these project roles has changed. The form is located at:
<https://fortress.wa.gov/ecy/publications/SummaryPages/ECY070218.html>

Please note that any change in the VCP Customer organization (a representative of which signs the VCP Agreement) requires termination of the existing Agreement and completion of a new VCP application and agreement.

Long-term ground water monitoring alone is not considered by Ecology to be a remedial activity and will not be used to determine that a Site is actively conducting cleanup. If monitoring is very close to completion, Ecology may allow the project to remain in the VCP for closure.

Next Steps

Based on your response, Ecology may contact you to discuss whether continuing participation in the VCP is warranted at this time. If the VCP is terminated, you can always re-apply in the

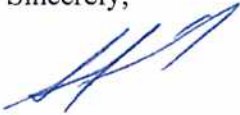
Mr. Scott Zorn
August 24, 2018
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future when more remedial activities have occurred or a request for opinion is needed. Ecology's decision to terminate participation will be provided in writing. **Please note that if no response is received within 30 days of the date of this letter, Ecology may close the VCP Agreement governing this project.**

Contact Information

We are committed to working with you to accomplish the prompt and effective cleanup of your Site. If you have any questions about this request, please contact me at (425) 649-7233 or by email at sofe461@ecy.wa.com.

Sincerely,



Sonia Fernández
VCP Coordinator
Toxics Cleanup Program, NWRO

By certified mail 9171 9690 0935 0106 7149 21

cc: Scott Zorn, Arcadis US, Inc., (email)

State of Washington
Department of Ecology File Documents

Annual Site Status Report
January 19, 2017

Sonia Fernandez
Washington State Department of Ecology NW Regional Office
3190 160th Ave SE
Bellevue, WA 98008

Arcadis U.S., Inc.
1100 Olive Way
Suite 800
Seattle
Washington 98101
Tel 206 325 5254
Fax 206 325 8218
www.arcadis.com

Subject:

ARCO Facility No. WA-01835(06214) (NW2454) – 2016 Annual Site Status Report

ENVIRONMENT

Site Address: 4806 196th Street SW, Lynnwood, WA 98036

Date:

January 19, 2017

On behalf of BP West Coast Products, LLC., Arcadis U.S., Inc. is pleased to submit this annual summary of site activities conducted at the Atlantic Richfield Company (ARCO) Facility No. WA-01835 (site) in 2016. Results and findings from work completed at the site are summarized below and in the attached data tables and figures.

Contact:

Brian Marcum

Current Site Use: Active Station

Phone:

503-785-9406

2016 Groundwater Monitoring Summary

Groundwater Monitoring Schedule: Quarterly

Email:

brian.marcum
@arcadis.com

Sample Methodology:

First Quarter:	Low Flow Purge and Sample
Second Quarter:	Low Flow Purge and Sample
Third Quarter:	Low Flow Purge and Sample
Fourth Quarter:	No event conducted

Our ref:

GP09BPNA.WA14

Note: A limited groundwater sampling event was conducted onsite during first quarter on February 2, 2016 to confirm the December 2015 analysis on MW-9 implemented out on holding time.

Non-aqueous Phase Liquid Present at Site: No

**Site Constituents of Concern above Model Toxics Control Act Method A
Cleanup Levels during reporting period:**

- Total Petroleum Hydrocarbons as gasoline range organics: First Quarter (Q1) – W-1R; Second Quarter (Q2) – W-1R; Third Quarter (Q3) – W-1R
- Benzene: Q1 – W-1R; Q2 – W-1R; Q3 – W-1R
- Ethylbenzene: Q1 – W-1R; Q2 – W-1R
- Total xylenes: Q1 – W-1R; Q2 – W-1R
- Methyl tertiary butyl ether: Q3 – MW-7 and MW-8

Observed Depth to Water per Event:

First Quarter: 0.85 (MW-12) to 12.68 (MW-10) feet below top of casing (btoc) – 03/23/2016

Second Quarter: 1.60 (MW-12) to 13.41 (W-3) feet btoc – 06/03/2016

Third Quarter: 2.06 (MW-12) to 14.54 (W-3) feet btoc – 09/20/2016

Groundwater Elevations and Flow Direction:

<u>Event</u>	<u>Elevation Range</u>	<u>Interpreted Groundwater Flow Direction</u>
First Quarter:	365.57 (MW-11) to 374.29 (MW-9) feet above North American Vertical Datum 1988 (NAVD 88)	South West
Second Quarter:	364.99 (MW-12) to 372.67 (W-9) feet above NAVD 88	South West
Third Quarter:	364.53 (MW-12) to 371.54 (MW-9) feet above NAVD 88	South West

2016 Additional Site Activities

In addition to the activities summarized above, Arcadis also advanced three soil borings SB-2, SB-3, and SB-4 and installed at the site. Soil samples were collected at specified intervals for laboratory analysis. Information is provided in Attachment C.

If you have any questions please contact Brian Marcum at 503-785-9406 or Brian.Marcum@arcadis.com.

WA-01835
January 19, 2017

Sincerely,

Arcadis U.S., Inc.



Brian Marcum
Project Manager

Copies:

Dr. Adekoya, Property Owner



Rebecca Andresen, L.G.
Vice President



Enclosures:

Table

Table 1 Groundwater Gauging Data and Select Analytical Results

Figures

- | | |
|----------|--|
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| Figure 2 | Groundwater Contour Elevations and Analytical Results March 23, 2016 |
| Figure 3 | Groundwater Contour Elevations and Analytical Results June 3, 2016 |
| Figure 4 | Groundwater Contour Elevations and Analytical Results September 20, 2016 |
| Figure 5 | Historical Groundwater Gradient Direction Rose Diagram |

Attachments

- | | |
|--------------|--|
| Attachment A | Groundwater Monitoring Field Data Sheets |
| Attachment B | Laboratory Report and Chain-of-Custody Documentation |
| Attachment C | 2016 Additional Site Activities |

TABLE



Table 1
Groundwater Gauging Data and Select Analytical Results
WA-01835 (06214)

4806 196th Street SW, Lynnwood, WA 98036

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Load	Dissolved Load
Model Toxics Control Act (MTCRA) Method A Cleanup Levels (CLs) in µg/L							500/1,000	500	500	5	1,000	700	1,000	20	0.01	5	15	15
MW-4	1/16/1995		94.60	14.60	--	80.00	1,100	--	--	7.8	2	8	3	--	--	--	--	--
MW-4	2/15/1995		94.60	15.05	--	79.55	700	--	--	4.2	ND	3	2	--	--	--	--	--
MW-4	5/16/1995		94.60	15.65	--	78.95	1,120	--	--	4.1	ND	4	2	--	--	--	--	--
MW-4	8/24/1995		94.60	15.90	--	78.70	1,240	--	--	2.8	ND	4	3	--	--	--	--	--
MW-4	11/29/1995		94.60	14.16	--	80.44	1,020	--	--	18.6	ND	7	4	--	--	--	--	--
MW-4	2/20/1996		94.60	13.51	--	81.09	1,120	--	--	8.5	ND	4	3	--	--	--	--	--
MW-4	5/8/1996		94.60	14.24	--	80.36	2,020	--	--	1.1	2	9	2	--	--	--	--	--
MW-4	8/26/1996	(ORC)	94.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	11/30/1996		94.60	15.76	--	78.84	1,560	--	--	4.6	ND	2	2	--	--	--	--	--
MW-4	4/17/1997	(NP)	94.60	14.57	--	80.03	810	--	--	ND	ND	ND	2	--	--	--	--	--
MW-4	7/3/1997		94.60	14.97	--	79.63	1,620	--	--	ND	2	2	2	--	--	--	--	--
MW-4	5/26/1998	(NP)	94.60	15.25	--	79.35	1,100	--	--	1	2	1	1	--	--	--	--	--
MW-4	11/24/1998	(NP)	94.60	16.24	--	78.36	710	--	--	0.5	<1	<1	2	--	--	--	--	--
MW-4	2/4/1999	(NP)	94.60	14.21	--	80.39	790	--	--	<0.5	<1	<1	1	--	--	--	--	--
MW-4	5/11/1999	(P)	94.60	14.95	--	79.65	230	--	--	<0.5	<1	<1	<1	--	--	--	--	--
MW-4	8/27/1999	(P)	94.60	15.69	--	78.91	850	--	--	0.9	<1	<1	1	--	--	--	--	--
MW-4	11/12/1999	(P)	94.60	16.05	--	78.55	550	--	--	<0.5	<1	<1	1	--	--	--	--	--
MW-4	3/31/2000	(P)	94.60	15.20	--	79.40	720	--	--	1.2	<1	<1	2	--	--	--	--	--
MW-4	6/18/2000	(P)	94.60	14.38	--	80.22	692	--	--	<1.75	<1.10	<0.500	<1.65	--	--	--	--	--
MW-4	9/29/2000	(P)	94.60	16.47	--	78.13	652	--	--	<1.42	<0.943	<0.500	2.22	--	--	--	--	--
MW-4	11/21/2000	(P)	94.60	16.20	--	78.40	553	--	--	<2.04	<1.47	<0.500	2.09	--	--	--	--	--
MW-4	3/6/2001	(P)	94.60	14.80	--	79.80	500	--	--	1.74	<0.500	<0.500	1.46	73.5	--	--	--	<1.00
MW-4	5/22/2001	(P)	94.60	15.21	--	79.39	405	--	--	1.52	0.65	<0.500	<1.00	85.5	--	--	--	<1.00
MW-4	8/22/2001	(P)	94.60	16.20	--	78.40	502	--	--	3.12	1.16	<0.500	1.63	69.5	--	--	--	<1.00
MW-4	12/31/2001	(NP)	94.60	16.03	--	78.57	32,800	--	--	5,960	10,800	343	1,510	83.1	--	--	--	<1.00
MW-4	6/17/2002	(NP)	94.60	15.35	--	79.25	169,000	--	--	23,500	44,500	2,030	10,100	--	<0.01	<1.00	--	--
MW-4	9/9/2002	(NP)	94.60	16.54	--	78.06	165,000	--	--	27,500	48,900	2,720	13,700	152	<0.01	<20.0	<1.00	--
MW-4	3/19/2003	(NP)	94.60	13.62	--	80.98	65,100	--	--	12,300	15,200	819	3,950	<5.00	--	--	1.19	<1.00
MW-4	5/29/2003	(NP)	94.60	14.62	--	79.98	106,800	--	--	15,800	24,200	1,580	8,280	<250	--	--	<1.00	<1.00
MW-4	8/21/2003	(NP)	94.60	16.11	--	78.49	91,500	--	--	13,700	17,900	1,420	6,840	105	--	--	<1.00	<1.00
MW-4	10/29/2003	(P)	94.60	16.45	--	78.15	127,000	--	--	15,700	20,800	1,530	6,480	<400	--	--	2.3	<1.00
MW-4	3/23/2004	(P)	94.60	14.31	--	80.29	38,400	--	--	8,000	3,930	775	3,550	<100	--	--	<1.00	<1.00
MW-4	6/4/2004	(P)	94.60	15.31	--	79.29	49,800	--	--	16,700	1,630	1,040	4,780	132	--	--	1.33	<1.00
MW-4	8/16/2004	(P)	94.60	16.01	--	78.59	64,500	--	--	20,500	889	2,050	10,100	105	--	--	<1.00	<1.00
MW-4	11/3/2004	(P)	94.60	16.11	--	78.49	45,200	--	--	14,500	125	1,970	8,500	<200	--	--	<1.00	<1.00
MW-4	3/31/2005	(P)	94.60	14.52	--	80.08	39,400	--	--	14,200	729	1,030	5,430	<200	--	--	2.59	<1.00

Table 1
Groundwater Gauging Data and Select Analytical Results
WA-01835 (06214)

4806 196th Street SW, Lynnwood, WA 98036

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Load	Discharged Load
Model Toxics Control Act (MTCOA) Method A Cleanup Levels (C/Ls) in µg/L																		
MW-4	6/18/2005	(P)	94.60	14.94	--	79.66	8007,000	660	500	5	1,000	700	1,000	20	0.01	6	16	15
MW-4	8/30/2005	(P)	94.60	15.98	--	78.82	74,900	--	--	16,400	193	1,340	7,370	<200	--	--	2.97	--
MW-4	12/12/2005	(P)	94.60	15.61	--	78.99	45,000	--	--	16,400	260	1,350	5,170	<2.00	--	--	<1.00	<1.00
MW-4	5/11/2006	(P)	94.60	14.51	--	80.09	65,900	--	--	13,200	52.2	838	7,410	128	--	--	<1.00	<1.00
MW-4	9/22/2006	(NP)	94.60	16.35	--	78.25	81,700	--	--	14,700	1,240	1,840	10,360	120	--	--	<1.00	<1.00
MW-4	3/21/2007	(NP)	94.60	13.98	--	80.82	84,300	--	--	7,240	46.7	1,130	4,610	<100	--	--	--	--
MW-4	5/17/2007	(NP)	94.60	15.11	--	79.49	49,600	--	--	7,160	234	394	4,650	<200	--	--	--	--
MW-4	8/2/2007	(NP)	94.60	15.44	--	79.16	40,300	--	--	11,200	46.9	622	6,130	90.4	--	--	--	--
MW-4	12/5/2007	(NP)	94.60	14.01	--	80.59	48,700	--	--	6,740	41.7	243	5,690	69.9	--	--	--	--
MW-4	5/5/2008	(NP)	94.60	13.20	--	81.40	54,100	--	--	10,000	116	314	7,050	92.4	--	--	--	--
MW-4	10/21/2008	(NP)	94.60	15.74	--	78.88	31,100	--	--	8,410	56.8	358	7,300	64.3	--	--	--	--
MW-4	6/18/2009	(NS)	94.60	--	--	--	--	--	--	7,970	21.7	75.8	4,040	65	--	--	--	--
MW-4	10/1/2009	(ABANDONED)	94.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/16/1995		95.95	15.11	--	80.84	ND	--	--	16	ND	ND	ND	--	--	--	--	--
MW-5	2/15/1995		95.95	14.69	--	81.26	ND	--	--	14	ND	ND	ND	--	--	--	--	--
MW-5	5/16/1995		95.95	17.02	--	78.93	ND	--	--	ND	ND	ND	ND	--	--	--	--	--
MW-5	8/24/1995		95.95	16.40	--	79.55	ND	--	--	ND	ND	ND	ND	--	--	--	--	--
MW-5	11/29/1995		95.95	14.56	--	81.39	ND	--	--	ND	ND	ND	ND	--	--	--	--	--
MW-5	2/20/1996		95.95	14.50	--	81.45	ND	--	--	ND	ND	ND	ND	--	--	--	--	--
MW-5	5/8/1996		95.95	14.35	--	81.60	ND	--	--	ND	ND	ND	ND	--	--	--	--	--
MW-5	8/26/1996		95.95	16.66	--	79.29	ND	--	--	ND	ND	ND	ND	--	--	--	--	--
MW-5	11/30/1996		95.95	16.10	--	79.85	ND	--	--	ND	ND	ND	ND	--	--	--	--	--
MW-5	4/17/1997	(NS)	95.95	15.85	--	80.10	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/3/1997		95.95	15.02	--	80.93	ND	--	--	ND	ND	ND	ND	--	--	--	--	--
MW-5	5/28/1998	(NS)	95.95	16.18	--	79.77	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	11/24/1998	(NS)	95.95	16.67	--	79.28	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	2/4/1999	(NS)	95.95	15.38	--	80.57	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/11/1999	(NS)	95.95	15.04	--	80.91	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	8/27/1999	(P)	95.95	15.90	--	80.05	<50	--	--	<0.5	<1	<1	<1	--	--	--	--	--
MW-5	11/12/1999	(NS)	95.95	16.24	--	79.71	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	3/31/2000	(P)	95.95	15.35	--	80.60	<50	--	--	<0.5	<1	<1	<1	--	--	--	--	--
MW-5	6/18/2000	(P)	95.95	14.30	--	81.65	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
MW-5	9/29/2000	(P)	95.95	16.90	--	79.05	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
MW-5	11/12/2000	(P)	95.95	16.55	--	79.40	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
MW-5	3/6/2001	(P)	95.95	14.95	--	81.00	<50.0	--	--	<0.500	0.823	<0.500	<1.00	22.8	--	--	<1.00	<1.00
MW-5	5/22/2001	(P)	95.95	16.25	--	79.70	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	20	--	--	<1.00	<1.00
MW-5	8/22/2001	(P)	95.95	16.93	--	79.02	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	16.7	--	--	<1.00	<1.00

Table 1
Groundwater Gauging Data and Select Analytical Results
WA-01835 (06Z14)

4806 196th Street SW, Lynnwood, WA 98036

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead
MW-5	12/31/2001	(NP)	95.95	14.38	--	81.57	<50.0	--	--	<0.500	<0.500	<1.00	18.3	--	--	--	15	--
MW-5	6/17/2002	(NP)	95.95	16.75	--	79.20	<50.0	--	--	<0.500	1.49	<1.00	<0.01	--	--	--	--	--
MW-5	9/9/2002	(NP)	95.95	16.93	--	79.02	<50.0	--	--	<0.500	1.99	<1.00	13.4	<0.01	--	--	--	--
MW-5	3/19/2003	(NP)	95.95	14.31	--	81.64	<50.0	--	--	<0.500	0.972	<1.00	15.4	--	--	--	--	--
MW-5	5/29/2003	(NP)	95.95	16.75	--	79.20	<50.0	--	--	<0.500	0.832	<1.00	8.48	--	--	--	--	--
MW-5	8/21/2003	(NP)	95.95	16.70	--	79.25	<50.0	--	--	<0.500	0.669	<1.00	8.19	--	--	--	--	--
MW-5	10/29/2003	(P)	95.95	16.75	--	79.20	<50.0	--	--	<0.500	0.62	<1.00	9.4	--	--	--	--	--
MW-5	3/23/2004	(P)	95.95	14.99	--	80.96	<50.0	--	--	<0.500	4.28	<1.00	21.3	--	--	--	44.3	<1.00
MW-5	6/4/2004	(P)	95.95	15.75	--	80.20	<50.0	--	--	<0.500	<0.500	<1.00	1.74	--	--	--	1	<1.00
MW-5	8/16/2004	(NS)	95.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	11/3/2004	(P)	95.95	16.71	--	79.24	<80.0	--	--	<0.500	1.86	<0.500	1	<2.00	--	--	1.83	<1.00
MW-5	3/31/2005	(P)	95.95	14.68	--	81.27	<80.0	--	--	<0.500	<0.500	<1.00	<2.00	--	--	--	9.2	<1.00
MW-5	6/19/2005	(P)	95.95	15.05	--	80.90	<80.0	--	--	<0.200	<0.500	<0.500	<2.00	--	--	--	2.57	--
MW-5	8/30/2005	(P)	95.95	16.39	--	79.56	53	--	--	<0.500	0.666	<1.00	<2.00	--	--	--	<1.00	<1.00
MW-5	12/1/2005	(P)	95.95	15.85	--	80.10	72.6	--	--	11.8	0.645	1.68	17.5	4.36	--	--	<1.00	<1.00
MW-5	5/11/2006	(NS)	95.95	15.55	--	80.40	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/22/2006	(NS)	95.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	3/21/2007	(NS)	95.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/17/2007	(NP)	95.95	14.89	--	81.06	<50.0	--	--	<0.500	<0.500	<3.00	<1.00	--	--	--	--	--
MW-5	8/2/2007	(NS)	95.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	12/5/2007	(NS)	95.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/5/2008	(NS)	95.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/21/2008	(NS)	95.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	6/18/2009	(NS)	95.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/1/2009	(ABANDONED)	95.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/16/1995		93.80	11.44	--	82.36	ND	--	--	ND	ND	ND	ND	ND	ND	ND	--	--
MW-6	2/15/1995		93.80	11.52	--	82.28	ND	--	--	ND	ND	ND	ND	ND	ND	ND	--	--
MW-6	5/16/1995		93.80	12.80	--	81.00	ND	--	--	ND	ND	ND	ND	ND	ND	ND	--	--
MW-6	8/24/1995		93.80	12.50	--	81.30	ND	--	--	ND	ND	ND	ND	ND	ND	ND	--	--
MW-6	11/29/1995		93.80	11.25	--	82.55	ND	--	--	ND	ND	ND	ND	ND	ND	ND	--	--
MW-6	2/20/1996		93.80	10.40	--	83.40	ND	--	--	ND	ND	ND	ND	ND	ND	ND	--	--
MW-6	5/8/1996		93.80	10.95	--	82.85	ND	--	--	ND	ND	ND	ND	ND	ND	ND	--	--
MW-6	8/26/1996		93.80	12.58	--	81.24	ND	--	--	ND	ND	ND	ND	ND	ND	ND	--	--
MW-6	11/30/1996		93.80	12.26	--	81.54	ND	--	--	ND	ND	ND	ND	ND	ND	ND	--	--
MW-6	4/17/1997	(NS)	93.80	10.95	--	82.85	ND	--	--	ND	ND	ND	ND	ND	ND	ND	--	--
MW-6	7/31/1997		93.80	11.48	--	82.32	ND	--	--	ND	ND	ND	ND	ND	ND	ND	--	--
MW-6	5/26/1998	(NS)	93.80	11.57	--	82.23	--	--	--	--	--	--	--	--	--	--	--	--

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Appendix

Table 1
Groundwater Gauging Data and Select Analytical Results
WA-01835 (06214)

4806 196th Street SW, Lynnwood, WA 98036

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HD	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead
Model Totals Control Act (MTCA) Method A Cleanup Levels (CULs) in µg/L																		
MW-5	11/21/1998	(NS)	93.80	12.75	--	81.05	8807.000	800	500	8	1,000	700	1,000	20	0.01	8	16	18
MW-6	2/4/1999	(NS)	93.80	10.59	--	83.21	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/11/1999	(NS)	93.80	11.46	--	82.34	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	8/27/1999	(P)	93.80	12.28	--	81.52	<50	--	--	<0.5	<1	<1	<1	--	--	--	--	--
MW-5	11/12/1999	(NS)	93.80	12.63	--	81.17	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	3/31/2000	(P)	93.80	10.99	--	82.81	<50	--	--	<0.5	<1	<1	<1	--	--	--	--	--
MW-5	6/18/2000	(P)	93.80	11.76	--	82.04	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
MW-5	9/29/2000	(P)	93.80	12.50	--	81.30	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
MW-6	11/21/2000	(P)	93.80	12.85	--	80.95	55.4	--	--	<0.500	0.565	<0.500	<1.00	--	--	--	--	--
MW-5	3/6/2001	(P)	93.80	12.60	--	81.20	<50.0	--	--	<0.500	0.562	<0.500	1.53	<1.00	--	--	--	<1.00
MW-6	5/22/2001	(P)	93.80	12.15	--	81.65	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	<1.00	--	--	--	<1.00
MW-5	8/22/2001	(P)	93.80	12.75	--	81.05	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	<1.00	--	--	--	5.92
MW-6	12/31/2001	(NP)	93.80	12.00	--	81.80	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	<1.00	--	--	--	<1.00
MW-5	6/17/2002	(NP)	93.80	11.87	--	81.93	<50.0	--	--	<0.500	1.53	<0.500	<1.00	--	<0.01	<1.00	--	--
MW-6	9/9/2002	(NP)	93.80	12.93	--	80.87	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	<2.00	<0.01	<1.00	1.81	--
MW-5	3/19/2003	(NP)	93.80	10.66	--	83.14	<50.0	--	--	<0.500	0.828	<0.500	<1.00	<1.00	--	--	<1.00	<1.00
MW-6	5/29/2003	(NP)	93.80	11.35	--	82.45	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	<1.00	--	--	<1.00	<1.00
MW-5	8/21/2003	(NP)	93.80	12.53	--	81.27	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	<1.00	--	--	<1.00	<1.00
MW-6	10/29/2003	(P)	93.80	12.98	--	80.82	<80.0	--	--	<0.500	<0.500	<0.500	<1.00	<2.00	--	--	1.82	<1.00
MW-5	3/23/2004	(P)	93.80	12.02	--	81.78	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	<1.00	--	--	18.4	<1.00
MW-6	6/4/2004	(P)	93.80	12.95	--	80.85	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	<1.00	--	--	1.37	<1.00
MW-5	8/16/2004	(P)	93.80	12.75	--	81.05	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	<1.00	--	--	<1.00	<1.00
MW-6	11/3/2004	(P)	93.80	12.88	--	80.92	<80.0	--	--	<0.200	<0.500	<0.500	<1.00	<2.00	--	--	<1.00	<1.00
MW-5	3/31/2005	(P)	93.80	11.56	--	82.24	<80.0	--	--	<0.200	<0.500	<0.500	<1.00	<2.00	--	--	<1.00	<1.00
MW-6	6/19/2005	(P)	93.80	11.54	--	82.26	<80.0	--	--	<0.200	<0.500	<0.500	<1.00	<2.00	--	--	4.87	--
MW-5	8/30/2005	(P)	93.80	12.67	--	81.13	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	<1.00	--	--	1.07	<1.00
MW-6	12/1/2005	(P)	93.80	12.21	--	81.59	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	<1.00	--	--	9.66	<1.00
MW-5	5/11/2006	(NS)	93.80	11.20	--	82.60	--	--	--	--	--	--	<1.00	<1.00	--	--	--	--
MW-6	9/22/2006	(NS)	93.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	3/21/2007	(NS)	93.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	5/17/2007	(NP)	93.80	11.28	--	82.52	<50.0	--	--	<0.500	<0.500	<0.500	<3.00	<1.00	--	--	--	--
MW-5	8/2/2007	(NS)	93.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	12/5/2007	(NS)	93.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/5/2008	(NS)	93.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	10/21/2008	(NS)	93.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	6/18/2009	(NP)	93.80	11.32	--	82.48	<80.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	<2.00	<2.00
MW-6	10/1/2009	(ABANDONED)	93.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
Groundwater Gauging Data and Select Analytical Results
WA-01835 (06214)

4806 196th Street SW, Lynnwood, WA 98036

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	MO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead
Method: Toluene Control Alet (MTCA) Method A Cleanup Levels (CUL) in µg/L																		
MW-6R	6/11/2010	(P)	381.07	9.26	--	371.81	<50	--	--	<1.0	<1.0	<1.0	<3	<1.0	--	--	--	--
MW-6R	12/27/2010	(NS)	381.07	9.52	0.0	371.55	--	--	--	--	--	--	--	--	--	--	--	--
MW-6R	12/28/2010	(LF)	381.07	--	--	--	<50	--	--	<1.0	<1.0	<1.0	<2.0	<1.0	--	--	<2.0	--
MW-6R	2/18/2011	(LF)	381.07	9.91	--	371.16	<50	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	<2.0	--
MW-6R	5/6/2011	(LF)	381.07	9.69	0.0	371.38	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	<10.0	--
MW-6R	5/6/2011	(Dup)(LF)	381.07	9.69	0.0	371.38	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	<10.0	--
MW-6R	9/27/2011	(LF)	381.07	11.70	0.0	369.37	<100	--	--	<0.200	<1.00	<1.00	<3	<1.00	--	--	<15	--
MW-6R	6/13/2012	(NP)	381.07	10.00	0.0	371.07	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	<10.0	--
MW-6R	11/19/2012	(NP)	381.07	9.45	0.0	371.82	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	17.0	--
MW-6R	8/20/2013	(NP)	381.07	11.75	--	369.32	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	160	<10.0
MW-6R	3/17/2014	(NS)	381.07	9.42	0.0	371.65	--	--	--	--	--	--	--	--	--	--	--	--
MW-6R	6/4/2014	(NS)	381.07	10.37	0.0	370.70	--	--	--	--	--	--	--	--	--	--	--	--
MW-6R	9/11/2014	(NS)	381.07	10.88	0.0	370.19	--	--	--	--	--	--	--	--	--	--	--	--
MW-6R	12/10/2014	(NS)	381.07	9.46	0.0	371.61	--	--	--	--	--	--	--	--	--	--	--	--
MW-6R	3/12/2015	(LFP)	381.07	9.82	0.0	371.25	<50	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	<4.7	--
MW-6R	6/9/2015	(LFP)	381.07	10.36	0.0	370.71	<50	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	7.6(u)	--
MW-6R	12/15/2015	(LFP)	381.07	9.20	0.0	371.87	<50	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	<5.1	--
MW-6R	3/23/2016	(LFP)	381.07	9.16	0.0	371.91	<50	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	<5.1	--
MW-6R	6/3/2016	(LFP)	381.07	10.31	0.0	370.76	<50	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	<5.1	--
MW-6R	9/20/2016	(LFP)	381.07	11.12	0.0	369.95	<50	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	<6.2	--
MW-7	12/31/2001	(NP)	98.75	15.39	--	83.36	9,230	--	--	1,410	1,830	364	1,150	886	--	--	--	<1.00
MW-7	8/17/2002	(P)	98.75	14.92	--	83.83	9,880	--	--	1,400	1,130	436	982	--	<0.01	<5.00	--	--
MW-7	9/9/2002	(P)	98.75	16.21	--	82.54	11,830	--	--	2,380	2,330	772	2,150	577	<0.01	<100	10.3	--
MW-7	3/19/2003	(NP)	98.75	13.59	--	85.16	15,700	--	--	2,580	1,930	621	2,010	836	--	--	<1.00	<1.00
MW-7	5/29/2003	(NP)	98.75	14.00	--	84.75	27,900	--	--	3,520	3,570	985	3,000	419	--	--	<1.00	<1.00
MW-7	8/21/2003	(NP)	98.75	15.55	--	83.20	25,300	--	--	3,370	2,940	666	3,340	639	--	--	<1.00	<1.00
MW-7	10/29/2003	(P)	98.75	17.75	--	81.00	15,700	--	--	2,600	494	422	1,230	448	--	--	5.38	<1.00
MW-7	3/23/2004	(P)	98.75	13.83	--	84.92	11,100	--	--	3,160	97.3	300	388	778	--	--	1.26	<1.00
MW-7	6/4/2004	(P)	98.75	14.68	--	84.07	11,700	--	--	3,420	199	167	505	874	--	--	1.01	<1.00
MW-7	8/16/2004	(P)	98.75	15.41	--	83.34	13,300	--	--	2,130	811	330	1,880	658	--	--	<1.00	<1.00
MW-7	11/3/2004	(P)	98.75	15.58	--	83.17	1,840	--	--	680	34	55.3	148	576	--	--	<1.00	<1.00
MW-7	6/19/2005	(P)	98.75	14.25	--	84.50	2,878	--	--	3,040	24.4	78	77.8	712	--	--	<1.00	<1.00
MW-7	8/30/2005	(P)	98.75	14.18	--	84.57	6,640	--	--	2,680	22.6	139	129	881	--	--	1.87	--
MW-7	12/1/2005	(P)	98.75	15.25	--	83.50	4,770	--	--	2,390	13.2	143	123	577	--	--	<1.00	<1.00
MW-7	5/11/2006	(NP)	98.75	13.74	--	85.01	13,900	--	--	2,100	108	319	1,240	303	--	--	<1.00	<1.00
MW-7	9/22/2006	(NP)	98.75	15.76	--	82.99	12,800	--	--	2,810	93.2	433	1,720	270	--	--	<1.00	<1.00
MW-7			98.75		--			--	--		21.9	158	704	443	--	--	--	--

Table 1
Groundwater Gauging Data and Select Analytical Results
WA-01835 (06214)

4806 196th Street SW, Lynnwood, WA 98036

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead
Model Toxics Control Act (MTCOA) Method A Cleanup Levels (CULs) in µg/L							500/1,000	500	500	5	1,000	700	1,000	20	0.01	5	15	15
MW-7	3/21/2007	(NP)	98.75	13.28	--	85.47	4,400	--	--	979	<5.00	26.5	83.2	367	--	--	--	--
MW-7	5/17/2007	(NP)	98.75	13.79	--	84.96	1,720	--	--	1,150	<10.0	60.2	351	380	--	--	--	--
MW-7	8/2/2007	(NP)	98.75	14.50	--	84.25	9,250	--	--	2,690	5.55	61.1	621	469	--	--	--	--
MW-7	12/5/2007	(NP)	98.75	14.03	--	84.72	6,360	--	--	1,130	4	30.7	212	321	--	--	--	--
MW-7	5/5/2008	(NP)	98.75	12.86	--	85.89	2,930	--	--	317	1.63	12.6	34.9	242	--	--	--	--
MW-7	10/21/2008	(NP)	98.75	15.90	--	82.85	7,470	--	--	1,210	3.1	26.5	<240	333	--	--	--	--
MW-7	6/18/2009	(NP)	98.75	13.58	--	85.17	2,420	--	--	340	2.66	12.4	68.7	--	--	--	<2.00	<2.00
MW-7	3/24/2010	(P)	383.20	10.49	--	372.71	1,600	--	--	100	3.5	4.3	3.3	150	--	--	--	--
MW-7	6/11/2010	(P)	383.20	11.16	--	372.04	2,700	--	--	210	<1.0	9.1	<3	190	--	--	--	--
MW-7	12/27/2010	(LF)	383.20	10.90	--	372.30	960	--	--	20	<1.0	1.7	2.4	120	--	--	<2.0	--
MW-7	2/18/2011	(LF)	383.20	10.89	--	372.31	1,600	--	--	120	<1.0	10	3.0	100	--	--	<2.0	--
MW-7	5/8/2011	(LF)	383.20	10.86	0.0	372.34	2,360	--	--	180	2.2	18.4	22.1	146	--	--	<10.0	--
MW-7	9/27/2011	(LF)	383.20	12.81	0.0	370.39	2,930	--	--	227	<10.0	14.4	33.3	130	--	--	<15	--
MW-7	6/13/2012	(NP)	383.20	11.21	0.0	371.99	2,090	--	--	49.4	2.0	16.1	6.7	145	--	--	<10.0	--
MW-7	11/19/2012	(NP)	383.20	11.89	0.0	371.31	2,920	--	--	25.1	1.3	5.8	7.2	101	--	--	5.7	--
MW-7	8/20/2013	(NP)	383.20	12.73	--	370.47	4,990	--	--	48.1	<2.0	11.6	<6.0	30.9	--	--	68.5	<10.0
MW-7	3/17/2014	(NP)	383.20	10.63	0.0	372.03	<50	--	--	<0.50	<0.70	<0.80	<0.80	12	--	--	--	--
MW-7	6/4/2014	(LF)	383.20	11.30	0.0	371.90	<50	--	--	<0.50	<0.50	<0.50	<0.50	100	--	--	<4.7	<4.7
MW-7	9/1/2014	(NP)	383.20	12.54	0.0	370.66	150(J)	--	--	<0.50	<0.50	<0.50	<0.50	10	--	--	<4.7	<4.7
MW-7	12/10/2014	(NP)	383.20	12.24	0.0	370.96	<50	--	--	<0.50	<0.50	<0.50	<0.50	20	--	--	<4.7	--
MW-7	3/12/2015	(LFP)	383.20	11.17	0.0	372.03	<50	--	--	<0.50	<0.50	<0.50	<0.50	75	--	--	<4.7	--
MW-7	6/9/2015	(LFP)	383.20	11.79	0.0	371.41	59(J)	--	--	<0.50	<0.50	<0.50	<0.50	25	--	--	<4.7	--
MW-7	12/15/2015	(LFP)	383.20	10.66	0.0	372.54	<50	--	--	<0.50	<0.50	<0.50	<0.50	40	--	--	<5.1	--
MW-7	3/23/2016	(LFP)	383.20	10.10	0.0	373.10	92(J)	--	--	<0.50	<0.50	<0.50	<0.50	20	--	--	7.2(J)	--
MW-7	6/3/2016	(LFP)	383.20	11.64	0.0	371.56	<50	--	--	<0.50	<0.50	<0.50	<0.50	18	--	--	<5.1	--
MW-7	9/20/2016	(LFP)	383.20	12.79	0.0	370.41	<50	--	--	<0.50	<0.50	<0.50	<0.50	31	--	--	<6.2	--
MW-8	12/31/2001	(NP)	97.64	15.00	--	82.64	5,080	--	--	761	1,250	131	534	71	--	--	--	<1.00
MW-8	6/17/2002	(P)	97.64	14.35	--	83.29	938	--	--	282	185	22	79.9	--	<0.01	<1.00	--	--
MW-8	9/9/2002	(P)	97.64	15.40	--	82.24	3,770	--	--	830	762	151	557	162	<0.01	<20.0	6.37	--
MW-8	3/19/2003	(NP)	97.64	13.36	--	84.28	1,940	--	--	313	325	61	208	182	--	--	<1.00	<1.00
MW-8	5/29/2003	(NP)	97.64	13.54	--	84.10	1,950	--	--	336	234	73.4	218	106	--	--	<1.00	<1.00
MW-8	8/21/2003	(NP)	97.64	14.95	--	82.69	4,670	--	--	715	534	143	446	146	--	--	<1.00	<1.00
MW-8	10/29/2003	(P)	97.64	15.63	--	82.01	2,440	--	--	669	142	79.2	115	300	--	--	4.87	<1.00
MW-8	3/23/2004	(P)	97.64	13.41	--	84.23	664	--	--	98.8	32.1	16.5	75.1	142	--	--	<1.00	<1.00
MW-8	6/4/2004	(P)	97.64	14.45	--	83.19	282	--	--	43.1	2.37	4.7	35.7	156	--	--	<1.00	<1.00
MW-8	8/16/2004	(P)	97.64	14.89	--	82.75	1,730	--	--	250	198	117	237	129	--	--	<1.00	<1.00
MW-8	11/3/2004	(P)	97.64	14.81	--	82.83	2,240	--	--	244	279	103	477	126	--	--	<1.00	<1.00

Table 1
Groundwater Gauging Data and Select Analytical Results
WA-01835 (06214)
4806 198th Street SW, Lynnwood, WA 98036

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Disolved Lead
MMW-8	3/31/2005	(P)	97.64	13.95	--	83.69	236	--	--	63.9	<1.00	<1.00	5.22	224	--	--	<1.00	<1.00
MMW-8	6/19/2005	(P)	97.64	13.90	--	83.74	<80.0	--	--	19.7	<1.00	<1.00	2	191	--	--	<1.00	--
MMW-8	8/30/2005	(P)	97.64	14.90	--	82.74	<50.0	--	--	1.3	<0.500	<0.500	<1.00	170	--	--	<1.00	<1.00
MMW-8	12/1/2005	(P)	97.64	15.03	--	82.61	<50.0	--	--	4.62	<0.500	<0.500	<1.00	162	--	--	<1.00	<1.00
MMW-8	9/22/2006	(NS)	97.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-8	3/21/2007	(NS)	97.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-8	5/17/2007	(NP)	97.64	13.39	--	84.25	<50.0	--	--	11.3	<0.500	<0.500	<3.00	111	--	--	--	--
MMW-8	8/2/2007	(NS)	97.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-8	12/5/2007	(NS)	97.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-8	5/5/2008	(NS)	97.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-8	10/21/2008	(NS)	97.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-8	6/18/2009	(NS)	97.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-8	3/24/2010	(P)	382.19	10.00	--	372.19	140	--	--	3.3	<1.0	<1.0	<2.0	17	--	--	--	--
MMW-8	6/11/2010	(P)	382.19	10.00	--	372.19	<50.0	--	--	1.7	<1.0	<1.0	<3.0	22	--	--	--	--
MMW-8	12/27/2010	(LF)	382.19	10.05	--	372.14	<50.0	--	--	2.8	<1.0	<1.0	<2.0	25	--	--	--	--
MMW-8	2/18/2011	(LF)	382.19	9.99	--	372.20	<50.0	--	--	3.5	<1.0	<1.0	<2.0	22	--	--	--	--
MMW-8	5/6/2011	(LF)	382.19	10.01	--	372.18	<50.0	--	--	2.6	<1.0	<1.0	<3.0	21.9	--	--	--	--
MMW-8	9/27/2011	(LF)	382.19	12.38	0.0	369.81	<100	--	--	4.57	<1.00	<1.00	<3.0	33.4	--	--	--	--
MMW-8	6/13/2012	(NP)	382.19	10.66	0.0	371.53	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	27.1	--	--	--	--
MMW-8	11/19/2012	(NS)	382.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-8	8/20/2013	(NP)	382.19	12.31	--	369.88	<100	--	--	<1.0	<1.0	<1.0	<3.0	23.6	--	--	--	--
MMW-8	3/11/2014	(NP)	382.19	9.89	0.0	372.30	<50.0	--	--	<0.50	<0.70	<0.80	<1.6(u)	1.6(u)	--	--	--	--
MMW-8	6/4/2014	(LF)	382.19	10.76	0.0	371.43	<50.0	--	--	<0.50	<0.50	<0.50	<0.50	20	--	--	--	--
MMW-8	9/1/2014	(NP)	382.19	12.25	0.0	369.94	<50.0	--	--	<0.50	<0.50	<0.50	<0.50	26	--	--	--	--
MMW-8	9/1/2014	(Dup)(NP)	382.19	12.25	0.0	369.94	<50.0	--	--	<0.50	<0.50	<0.50	<0.50	28	--	--	--	--
MMW-8	12/10/2014	(NP)	382.19	11.02	0.0	371.17	<50.0	--	--	<0.50	<0.50	<0.50	<0.50	9.3	--	--	--	--
MMW-8	3/12/2015	(NP)	382.19	10.64	0.0	371.55	<50.0	--	--	<0.50	<0.50	<0.50	<0.50	18	--	--	--	--
MMW-8	6/9/2015	(LFP)	382.19	11.52	0.0	370.67	<50.0	--	--	<0.50	<0.50	<0.50	<0.50	17	--	--	--	--
MMW-8	12/15/2015	(LFP)	382.19	10.03	0.0	372.16	<50.0	--	--	<0.50	<0.50	<0.50	<0.50	19	--	--	--	--
MMW-8	3/23/2016	(LFP)	382.19	9.49	0.0	372.70	<50.0	--	--	<0.50	<0.50	<0.50	<0.50	11	--	--	--	--
MMW-8	6/3/2016	(LFP)	382.19	11.36	0.0	370.83	<50.0	--	--	<0.50	<0.50	<0.50	<0.50	13	--	--	--	--
MMW-8	8/20/2016	(LFP)	382.19	12.59	0.0	369.60	<50.0	--	--	<0.50	<0.50	<0.50	<0.50	21	--	--	--	--
MMW-9	12/31/2001	(NP)	98.78	14.04	--	84.74	<50.0	--	--	0.916	<0.500	<0.500	<1.00	127	--	--	--	<1.00
MMW-9	6/17/2002	(P)	98.78	13.59	--	85.19	<50.0	--	--	11.8	2.82	<0.500	<1.21	--	--	--	--	--
MMW-9	9/9/2002	(P)	98.78	14.89	--	83.89	<50.0	--	--	12.8	<2.50	<0.500	<1.00	230	--	--	--	--

Table 1
Groundwater Gauging Data and Select Analytical Results
WA-01835 (06214)
4806 196th Street SW, Lynnwood, WA 98036

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead
MMW-9	3/19/2003	(NP)	98.78	12.00	--	86.78	51.3	--	--	8.78	2.19	1.06	3.64	334	--	--	<1.00	<1.00
MMW-9	5/29/2003	(NP)	98.78	12.81	--	85.97	<50.0	--	--	1.59	<0.500	<0.500	<1.00	103	--	--	<1.00	<1.00
MMW-9	8/21/2003	(NP)	98.78	14.56	--	84.22	<50.0	--	--	0.946	<0.500	<0.500	<1.00	47.6	--	--	<1.00	<1.00
MMW-9	10/29/2003	(P)	98.78	14.70	--	84.08	<80.0	--	--	<0.500	<0.500	<0.500	<1.00	135	--	--	2.79	<1.00
MMW-9	3/23/2004	(P)	98.78	12.62	--	86.16	101	--	--	6.78	<0.500	<0.500	2.05	333	--	--	1.06	<1.00
MMW-9	6/4/2004	(P)	98.78	14.22	--	84.56	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	75.2	--	--	<1.00	<1.00
MMW-9	8/16/2004	(P)	98.78	14.45	--	84.33	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	63.6	--	--	<1.00	<1.00
MMW-9	11/3/2004	(P)	98.78	14.18	--	84.60	<80.0	--	--	0.5	<0.500	<0.500	<0.500	60.8	--	--	<1.00	<1.00
MMW-9	3/31/2005	(P)	98.78	13.78	--	85.00	<80.0	--	--	<0.200	<0.500	<0.500	<1.00	180	--	--	<5.00	<1.00
MMW-9	6/19/2005	(P)	98.78	12.84	--	85.94	<80.0	--	--	<0.400	<1.00	<1.00	<2.00	255	--	--	<1.00	--
MMW-9	8/30/2005	(P)	98.78	14.21	--	84.57	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	319	--	--	<1.00	<1.00
MMW-9	12/1/2005	(P)	98.78	14.88	--	83.90	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	168	--	--	<1.00	<1.00
MMW-9	5/11/2006	(NS)	98.78	13.89	--	84.89	--	--	--	--	--	--	--	--	--	--	--	--
MMW-9	9/22/2006	(NS)	98.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-9	3/21/2007	(NS)	98.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-9	5/17/2007	(NP)	98.78	12.73	--	86.05	<50.0	--	--	<0.500	<0.500	<1.00	144	--	--	--	--	--
MMW-9	8/2/2007	(NS)	98.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-9	12/5/2007	(NS)	98.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-9	5/5/2008	(NS)	98.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-9	10/21/2008	(NS)	98.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-9	6/18/2009	(NS)	98.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-9	3/2/2010	(P)	383.03	9.15	--	373.88	<50	--	--	<1.0	1.7	<1.0	<2.0	18	--	--	--	--
MMW-9	6/11/2010	(P)	383.03	9.10	--	373.93	<50	--	--	<1.0	<1.0	<1.0	<3	18	--	--	--	--
MMW-9	12/27/2010	(NS)	383.03	9.02	0.0	374.01	--	--	--	--	--	--	--	--	--	--	--	--
MMW-9	12/28/2010	(LF)	383.03	--	--	--	<50	--	--	<1.0	<1.0	<1.0	<2.0	10	--	--	<2.0	--
MMW-9	2/18/2011	(LF)	383.03	9.21	--	373.82	<50	--	--	<1.0	<1.0	<1.0	<2.0	16	--	--	<2.0	--
MMW-9	5/6/2011	(LF)	383.03	9.19	0.0	373.84	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	18.2	--	--	<10.0	--
MMW-9	9/27/2011	(LF)	383.03	11.47	0.0	371.56	<100	--	--	<0.200	<1.00	<1.00	<3	42.6	--	--	<15	--
MMW-9	6/13/2012	(NP)	383.03	9.52	0.0	373.51	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	12.7	--	--	<10.0	--
MMW-9	11/19/2012	(NP)	383.03	10.15	0.0	372.88	<100	--	--	<1.0	<1.0	<1.0	<3.0	13.8	--	--	<3.0	--
MMW-9	8/20/2013	(NP)	383.03	11.51	--	371.52	<100	--	--	<1.0	<1.0	<1.0	<3.0	9.8	--	--	<10.0	<10.0
MMW-9	3/17/2014	(NS)	383.03	9.86	0.0	373.17	--	--	--	--	--	--	--	--	--	--	--	--
MMW-9	6/4/2014	(NS)	383.03	9.99	0.0	373.04	--	--	--	--	--	--	--	--	--	--	--	--
MMW-9	9/1/2014	(NS)	383.03	11.23	0.0	371.80	--	--	--	--	--	--	--	--	--	--	--	--
MMW-9	12/10/2014	(NS)	383.03	11.55	0.0	371.48	--	--	--	--	--	--	--	--	--	--	--	--
MMW-9	3/12/2015	(LFP)	383.03	9.80	0.0	373.23	<50	--	--	<0.50	<0.50	<0.50	<0.50	11	--	--	<4.7	--
MMW-9	6/9/2015	(LFP)	383.03	10.30	0.0	372.73	<50	--	--	<0.50	<0.50	<0.50	<0.50	5.3	--	--	<4.7	--

Table 1
Groundwater Gauging Data and Select Analytical Results
WA-01835 (06214)

4806 196th Street SW, Lynnwood, WA 98036

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead
MMW-9	12/15/2015	(LFP)	383.03	9.31	0.0	373.72	<50	--	--	<0.50	<0.50	<0.50	<0.50	6.7	--	--	16	16
MMW-9	2/2/2016	(LFP)	383.03	8.52	0.0	374.51	<50	--	--	<0.50	<0.50	<0.50	<0.50	6.8	--	--	6.2(u)	<5.1
MMW-9	3/23/2016	(LFP)	383.03	8.74	0.0	374.29	<50	--	--	<0.50	<0.50	<0.50	<0.50	4.0	--	--	11.3(u)	--
MMW-9	6/3/2016	(LFP)	383.03	10.36	0.0	372.67	<50	--	--	<0.50	<0.50	<0.50	<0.50	6.9	--	--	<5.1	--
MMW-9	9/20/2016	(LFP)	383.03	11.49	0.0	371.54	<50	--	--	<0.50	<0.50	<0.50	<0.50	17	--	--	<6.2	--
MMW-10	11/3/2004	(P)	98.15	16.08	--	82.07	<80.0	--	--	<0.200	<0.500	<0.500	<1.00	5.01	--	--	3.7	<1.00
MMW-10	3/31/2005	(P)	98.15	15.25	--	82.90	<80.0	--	--	<0.200	<0.500	<0.500	<1.00	2.72	--	--	4.82	<1.00
MMW-10	6/19/2005	(P)	98.15	15.12	--	83.03	<80.0	--	--	<0.200	<0.500	<0.500	<1.00	4.25	--	--	2.61	--
MMW-10	8/30/2005	(P)	98.15	16.90	--	81.25	57	--	--	<0.500	<0.500	<0.500	<1.00	<2.00	--	--	17.6	<1.00
MMW-10	12/1/2005	(P)	98.15	17.01	--	81.14	<50.0	--	--	<0.500	0.534	<0.500	1.44	4	--	--	<1.00	<1.00
MMW-10	5/11/2006	(NS)	98.15	15.03	--	83.12	--	--	--	--	--	--	--	--	--	--	--	--
MMW-10	9/22/2006	(NS)	98.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-10	3/21/2007	(NS)	98.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-10	5/1/2007	(NP)	98.15	5.85	--	92.30	<50.0	--	--	<0.500	<0.500	<0.500	9.8	5.78	--	--	--	--
MMW-10	8/2/2007	(NS)	98.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-10	12/5/2007	(NS)	98.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-10	5/5/2008	(NS)	98.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-10	10/21/2008	(NS)	98.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-10	6/18/2009	(NS)	98.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-10	3/24/2010	(P)	382.36	12.36	--	370.00	<50	--	--	<1.0	1.3	<1.0	2.3	1.2	--	--	--	--
MMW-10	6/11/2010	(P)	382.36	13.18	--	369.18	<50	--	--	<1.0	<1.0	<1.0	3	1.3	--	--	--	--
MMW-10	12/27/2010	(LF)	382.36	12.16	--	370.20	<50	--	--	<1.0	<1.0	<1.0	<2.0	1.3	--	--	<2.0	--
MMW-10	2/18/2011	(LF)	382.36	12.00	--	370.36	<50	--	--	<1.0	<1.0	<1.0	<2.0	<1.0	--	--	<2.0	--
MMW-10	2/18/2011	(Dup)(LF)	382.36	12.00	--	370.36	<50	--	--	<1.0	<1.0	<1.0	<2.0	<1.0	--	--	<2.0	--
MMW-10	5/6/2011	(LF)	382.36	11.99	0.0	370.37	<50.0	--	--	<1.0	<1.0	<1.0	<2.0	1.0	--	--	<2.0	--
MMW-10	9/27/2011	(LF)	382.36	14.02	0.0	368.34	<100	--	--	<0.200	<1.00	<1.00	<3	1.41	--	--	<15	--
MMW-10	6/13/2012	(NP)	382.36	12.21	0.0	370.15	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	1.4	--	--	<10.0	--
MMW-10	11/19/2012	(NP)	382.36	14.35	0.0	368.01	<100	--	--	<1.0	<1.0	<1.0	<3.0	1.1	--	--	36.6	--
MMW-10	11/19/2012	(Dup)(NP)	382.36	14.35	0.0	368.01	<100	--	--	<1.0	<1.0	<1.0	<3.0	1.0	--	--	38.4	--
MMW-10	8/20/2013	(NG)	382.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-10	12/10/2014	(NG, NS)	382.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MMW-10	12/15/2015	(LFP)	382.36	12.65	0.0	369.71	<50	--	--	<0.50	<0.50	<0.50	<0.50	0.63(u)	--	--	<25.6	--
MMW-10	3/23/2016	(LFP)	382.36	12.68	0.0	369.68	51(u)	--	--	<0.50	<0.50	<0.50	<0.50	0.70(u)	--	--	<5.1	--
MMW-10	6/3/2016	(LFP)	382.36	13.23	0.0	369.13	<50	--	--	<0.50	<0.50	<0.50	<0.50	0.59(u)	--	--	<5.1	--
MMW-10	9/20/2016	(LFP)	382.36	13.85	0.0	368.51	71(u)	--	--	<0.50	<0.50	<0.50	<0.50	0.71(u)	--	--	<6.2	--
MMW-11	11/3/2004	(P)	80.85	3.68	--	--	<80.0	--	--	<0.200	<0.500	<0.500	<1.00	<2.00	--	--	11.1	<1.00
MMW-11	3/31/2005	(P)	80.85	2.72	--	--	<80.0	--	--	<0.200	<0.500	<0.500	<1.00	<2.00	--	--	5.02	<1.00

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WA-01835 (06214)

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Table 1
Groundwater Gauging Data and Select Analytical Results
WA-01835 (06214)

4806 196th Street SW, Lynnwood, WA 98036

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Load	Dissolved Lead
Model Toxics Control Act (MTRCA) Method A Cleanup Levels (CUL) in µg/L																		
							8000,000	800	500	5	1,000	700	1,000	20	0.01	5	15	15
MW-11	6/19/2005	(P)	80.85	4.50	--	76.35	<80.0	--	--	<0.200	<0.500	<0.500	<1.00	<2.00	--	--	13.6	--
MW-11	8/30/2005	(P)	80.85	4.05	--	76.80	<500	--	--	<5.00	<5.00	<5.00	<10.0	<10.0	--	--	18.2	<1.00
MW-11	12/12/2005	(P)	80.85	4.02	--	78.83	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	<1.00	--	--	7.92	<1.00
MW-11	5/11/2006	(NP)	80.85	3.53	--	77.32	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	<1.00	--	--	<1.00	1.01
MW-11	9/22/2006	(NP)	80.85	4.50	--	76.35	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	<1.00	--	--	--	--
MW-11	3/21/2007	(NP)	80.85	2.75	--	78.10	<50.0	--	--	<0.500	<0.500	<0.500	<3.00	<1.00	--	--	--	--
MW-11	5/17/2007	(NP)	80.85	3.74	--	77.11	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	<1.00	--	--	--	--
MW-11	8/2/2007	(NP)	80.85	4.62	--	76.23	<50.0	--	--	<0.500	<0.500	<0.500	<3.00	<1.00	--	--	--	--
MW-11	12/5/2007	(NP)	80.85	4.13	--	76.72	<50.0	--	--	<0.500	<0.500	<0.500	<3.00	<1.00	--	--	--	--
MW-11	5/5/2008	(NP)	80.85	2.83	--	78.02	<50.0	--	--	<0.500	<0.500	<0.500	<3.00	<1.00	--	--	--	--
MW-11	10/21/2008	(NP)	80.85	4.04	--	76.81	<50.0	--	--	<0.500	<0.500	<0.500	<3.00	<1.00	--	--	--	--
MW-11	6/18/2009	(NP)	80.85	4.00	--	76.85	<80.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	<2.00	--
MW-11	3/23/2010	(P)	368.02	2.15	--	365.87	<50	--	--	<1.0	1.1	<1.0	<2.0	<1.0	--	--	--	--
MW-11	6/11/2010	(P)	368.02	2.18	--	365.84	<50	--	--	<1.0	<1.0	<1.0	<3	<1.0	--	--	--	--
MW-11	12/27/2010	(NS)	368.02	1.55	0.0	366.47	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	12/28/2010	(LF)	368.02	--	--	--	<50	--	--	<1.0	<1.0	<1.0	<2.0	<1.0	--	--	<2.0	--
MW-11	2/18/2011	(LF)	368.02	1.84	--	366.18	<50	--	--	<1.0	<1.0	<1.0	<2.0	<1.0	--	--	<2.0	--
MW-11	5/6/2011	(LF)	368.02	0.76	0.0	367.26	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	1.3	--	--	<10.0	--
MW-11	9/27/2011	(LF)	368.02	3.12	0.0	364.90	<100	--	--	<0.200	<1.00	<1.00	<3	<1.00	--	--	<15	--
MW-11	6/13/2012	(NP)	368.02	2.28	0.0	365.74	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	<10.0	--
MW-11	11/19/2012	(NP)	368.02	2.83	0.0	365.19	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	<3.0	--
MW-11	8/20/2013	(NP)	368.02	3.07	--	364.95	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	<10.0	<10.0
MW-11	3/17/2014	(NS)	368.02	2.75	0.0	365.27	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	6/4/2014	(NS)	368.02	2.90	0.0	365.12	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	9/1/2014	(NS)	368.02	3.10	0.0	364.92	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	12/10/2014	(NP)	368.02	2.75	0.0	365.27	<50	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	<4.7	--
MW-11	3/12/2015	(LFP)	368.02	2.70	0.0	365.32	<50	--	--	<0.50	<0.50	<0.50	<0.50	0.68(J)	--	--	<4.7	--
MW-11	6/9/2015	(LFP)	368.02	2.99	0.0	365.03	<50	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	6.2(J)	--
MW-11	12/15/2015	(LFP)	368.02	3.11	0.0	364.91	<50	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	5.2(J)	--
MW-11	3/23/2016	(LFP)	368.02	2.45	0.0	365.57	52(J)	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	9.3(J)	--
MW-11	6/3/2016	(LFP)	368.02	2.99	0.0	365.03	<50	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	<5.1	--
MW-11	9/20/2016	(LFP)	368.02	3.41	0.0	364.61	<50	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	<6.2	--
MW-12	11/3/2004	(P)	79.39	3.11	--	76.28	<80.0	--	--	<0.200	<0.500	<0.500	<1.00	3.94	--	--	22.1	<1.00
MW-12	3/31/2005	(P)	79.39	2.31	--	77.08	<80.0	--	--	<0.200	<0.500	<0.500	<1.00	5.15	--	--	3.74	<1.00
MW-12	6/19/2005	(P)	79.39	2.00	--	77.39	<80.0	--	--	<0.200	<0.500	<0.500	<1.00	4.66	--	--	7.14	--
MW-12	8/30/2005	(P)	79.39	4.15	--	75.24	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	3.47	--	--	3.97	<1.00
MW-12	12/1/2005	(P)	79.39	4.07	--	75.32	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	4.62	--	--	3.51	<1.00

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Groundwater Gauging Data and Select Analytical Results
WA-01835 (06214)

4806 196th Street SW, Lynnwood, WA 98036

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	NO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Load	Dissolved Lead
(Model Toxics Certified Act (HTCA) Method A Cleanup Levels (GULs) in µg/L)																		
MW-12	5/11/2006	(NP)	79.39	3.46	--	75.93	<50.0	--	800	<0.500	<0.500	<0.500	<1.000	2.07	0.01	8	16	16
MW-12	9/22/2006	(NP)	79.39	4.20	--	75.19	<50.0	--	--	<0.500	<0.500	<0.500	<1.000	1.87	--	--	1.84	<1.00
MW-12	3/21/2007	(NP)	79.39	3.43	--	75.96	53.3	--	--	<0.500	<0.500	<0.500	<3.000	1.93	--	--	--	--
MW-12	5/17/2007	(NP)	79.39	3.33	--	76.06	<50.0	--	--	<0.500	<0.500	<0.500	<1.000	2.15	--	--	--	--
MW-12	8/2/2007	(NP)	79.39	3.28	--	76.11	<50.0	--	--	<0.500	<0.500	<0.500	<3.000	1.74	--	--	--	--
MW-12	12/5/2007	(NP)	79.39	1.52	--	77.87	<50.0	--	--	<0.500	<0.500	<0.500	<3.000	2.1	--	--	--	--
MW-12	5/5/2008	(NP)	79.39	1.53	--	77.86	<50.0	--	--	<0.500	<0.500	<0.500	<3.000	1.57	--	--	--	--
MW-12	10/21/2008	(NP)	79.39	3.50	--	75.89	689	--	--	<0.500	5.86	8.8	48.5	1.72	--	--	--	--
MW-12	6/19/2009	(NP)	79.39	2.59	--	76.80	<80.0	--	--	<0.500	<0.500	<0.500	<1.000	--	--	--	<2.00	<2.00
MW-12	3/24/2010	(P)	366.59	2.00	--	364.59	<50	--	--	<1.0	<1.0	<1.0	<2.0	1.1	--	--	--	--
MW-12	6/11/2010	(P)	366.59	1.54	--	365.05	<50	--	--	<1.0	<1.0	<1.0	<3	1.5	--	--	--	--
MW-12	12/27/2010	(NS)	366.59	1.05	0.0	365.54	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/28/2010	(LF)	366.59	--	--	--	<50	--	--	<1.0	<1.0	<1.0	<2.0	1.5	--	--	<2.0	--
MW-12	2/18/2011	(LF)	366.59	0.89	--	365.70	<50	--	--	<1.0	<1.0	<1.0	<2.0	1.4	--	--	<2.0	--
MW-12	5/6/2011	(LF)	366.59	1.75	0.0	364.84	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	<10.0	--
MW-12	9/27/2011	(LF)	366.59	2.51	0.0	364.08	<100	--	--	<0.200	<1.00	<1.00	<3	<1.00	--	--	<15	--
MW-12	6/13/2012	(NP)	366.59	1.29	0.0	365.30	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	<10.0	--
MW-12	11/19/2012	(NS)	366.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/20/2013	(NP)	366.59	2.50	--	364.09	<100	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	<10.0	<10.0
MW-12	3/17/2014	(NS)	366.59	1.28	0.0	365.31	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/4/2014	(NS)	366.59	1.23	0.0	365.36	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/1/2014	(NS)	366.59	1.90	0.0	364.69	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/10/2014	(NP)	366.59	1.80	0.0	364.79	<50	--	--	<0.50	<0.50	<0.50	<0.50	0.80(J)	--	--	11.3(J)	--
MW-12	3/12/2015	(LFP)	366.59	1.35	0.0	365.24	<50	--	--	<0.50	<0.50	<0.50	<0.50	0.91(J)	--	--	<4.7	--
MW-12	6/9/2015	(LFP)	366.59	1.55	0.0	365.04	<50	--	--	<0.50	<0.50	<0.50	<0.50	0.95(J)	--	--	<4.7	--
MW-12	12/15/2015	(LFP)	366.59	2.19	0.0	364.40	<50	--	--	<0.50	<0.50	<0.50	<0.50	0.80(J)	--	--	8.0(J)	--
MW-12	3/23/2016	(LFP)	366.59	0.85	0.0	365.74	<50	--	--	<0.50	<0.50	<0.50	<0.50	0.92(J)	--	--	<5.1	--
MW-12	6/3/2016	(LFP)	366.59	1.60	0.0	364.99	<50	--	--	<0.50	<0.50	<0.50	<0.50	1.0	--	--	<5.1	--
MW-12	9/20/2016	(LFP)	366.59	2.06	0.0	364.53	<50	--	--	<0.50	<0.50	<0.50	<0.50	1.1	--	--	<6.2	--
W-1	2/15/1995		99.07	14.59	--	84.48	790	--	--	36	ND	14	71	--	--	--	--	--
W-1	5/16/1995		99.07	14.70	--	84.37	660	--	--	372	ND	9	49	--	--	--	--	--
W-1	8/24/1995		99.07	15.50	--	83.57	70	--	--	322	ND	1	6	--	--	--	--	--
W-1	11/29/1995		99.07	14.31	--	84.76	330	--	--	173	ND	4	43	--	--	--	--	--
W-1	2/20/1996		99.07	13.02	--	86.05	480	--	--	187	ND	9	39	--	--	--	--	--
W-1	5/8/1996		99.07	13.66	--	85.41	340	--	--	64.9	ND	3	23	--	--	--	--	--
W-1	8/28/1996	(ORC)	99.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-1	11/30/1996		99.07	15.40	--	83.67	ND	--	--	1.9	ND	ND	1	--	--	--	--	--

Table 1
Groundwater Gauging Data and Select Analytical Results
WA-01835 (06214)

4806 196th Street SW, Lynnwood, WA 98036

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Load	Dissolved Load
Model Toxics Control Act (MTC) Method A Cleanup Levels (CULs) in µg/L							600/1,000	500	500	5	1,000	700	1,000	20	0.01	5	15	15
W-1	4/17/1997	(NP)	99.07	13.70	--	85.37	110	--	--	ND	ND	ND	ND	--	--	--	--	--
W-1	7/3/1997		99.07	14.01	--	85.06	130	--	--	ND	ND	ND	6	--	--	--	--	--
W-1	5/26/1998	(NP)	99.07	14.45	--	84.62	120	--	--	<0.5	<1	<1	2	--	--	--	--	--
W-1	11/24/1998	(NP)	99.07	15.84	--	83.23	89	--	--	<0.5	<1	<1	<1	--	--	--	--	--
W-1	2/4/1999	(NP)	99.07	13.25	--	85.82	<50	--	--	<0.5	<1	<1	<1	--	--	--	--	--
W-1	5/11/1999	(P)	99.07	13.81	--	85.26	1,200	--	--	18	2	10	11	--	--	--	--	--
W-1	8/27/1999	(P)	99.07	14.99	--	84.08	220	--	--	<0.5	1	<1	1	--	--	--	--	--
W-1	9/27/1999	(Dup)(P)	99.07	14.99	--	84.08	220	--	--	<0.5	1	<1	1	--	--	--	--	--
W-1	11/12/1999	(P)	99.07	15.49	--	83.58	150	--	--	<0.5	1	<1	2	--	--	--	--	--
W-1	11/12/1999	(Dup)(P)	99.07	15.49	--	83.58	150	--	--	<0.5	1	<1	2	--	--	--	--	--
W-1	3/31/2000	(P)	99.07	13.61	--	85.46	1,100	--	--	0.9	<1	<1	3	--	--	--	--	--
W-1	6/18/2000	(P)	99.07	14.38	--	84.69	341	--	--	<0.650	<0.550	<0.500	<1.00	--	--	--	--	--
W-1	9/29/2000	(P)	99.07	16.18	--	82.89	60.5	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
W-1	11/21/2000	(P)	99.07	15.70	--	83.37	84.6	--	--	0.696	0.997	<0.500	<1.00	--	--	--	--	--
W-1	3/6/2001	(P)	99.07	14.50	--	84.57	563	--	--	1.12	0.535	<0.500	1.27	51.8	--	--	--	<1.00
W-1	5/22/2001	(P)	99.07	14.70	--	84.37	825	--	--	2.65	1.3	<1.00	<2.00	<5.00	--	--	--	<1.00
W-1	8/22/2001	(LNAPL)	99.07	17.00	1.50	83.27	--	--	--	--	--	--	--	--	--	--	--	--
W-1	12/31/2001	(NP)	99.07	15.06	--	84.01	163,000	--	--	11,100	37,200	4,750	28,500	<50.0	--	--	--	<1.00
W-1	6/17/2002	(NP)	99.07	14.28	--	84.79	117,000	--	--	5,550	16,400	3,540	18,000	--	<0.01	<5.00	--	--
W-1	9/9/2002	(NP)	99.07	15.71	--	83.36	58,700	--	--	3,960	10,400	1,790	9,510	<300	<0.01	<100	64.5	--
W-1	3/19/2003	(NP)	99.07	12.78	--	86.29	22,500	--	--	4,480	3,430	410	2,000	<5.00	--	--	<1.00	<1.00
W-1	5/29/2003	(NP)	99.07	13.51	--	85.56	110,000	--	--	12,100	18,300	2,270	12,200	<250	--	--	<1.00	<1.00
W-1	8/21/2003	(NP)	99.07	15.24	--	83.83	32,500	--	--	5,550	1,520	820	4,030	28.8	--	--	4.66	<1.00
W-1	10/29/2003	(P)	99.07	15.35	--	83.72	29,700	--	--	4,360	1,220	248	1,030	<100	--	--	92.9	<1.00
W-1	3/23/2004	(P)	99.07	13.33	--	85.74	307,500	--	--	30,700	84,000	4,510	23,300	<500	--	--	10.5	<1.00
W-1	6/4/2004	(P)	99.07	14.21	--	84.86	266,000	--	--	28,500	65,300	3,360	15,000	<500	--	--	18.7	<1.00
W-1	8/16/2004	(P)	99.07	15.47	--	83.60	382,000	--	--	45,200	106,000	5,510	28,500	37.5	--	--	16.5	<1.00
W-1	11/3/2004	(P)	99.07	15.04	--	84.03	281,000	--	--	32,500	71,000	4,440	23,700	<1,000	--	--	<1.00	<1.00
W-1	3/31/2005	(P)	99.07	13.71	--	85.36	299,000	--	--	36,600	87,000	4,140	22,200	<1,000	--	--	5.74	<1.00
W-1	6/19/2005	(P)	99.07	13.51	--	85.56	270,000	--	--	22,000	52,100	4,240	21,900	<1,000	--	--	60.9	--
W-1	8/30/2005	(P)	99.07	14.80	--	84.27	215,000	--	--	28,600	64,100	4,730	23,200	<2.00	--	--	16.3	<1.00
W-1	12/1/2005	(P)	99.07	14.10	--	84.97	32,000	--	--	6,700	1,150	1,150	3,620	<50.0	--	--	<1.00	<1.00
W-1	5/11/2006	(NP)	99.07	13.02	--	86.05	67,400	--	--	11,800	6,070	1,510	6,350	<500	--	--	2.07	<1.00
W-1	9/22/2006	(NP)	99.07	15.29	--	83.78	35,200	--	--	7,780	53	537	6,200	4.43	--	--	--	--
W-1	3/21/2007	(NP)	99.07	12.57	--	86.50	57,600	--	--	9,520	3,950	430	2,720	<200	--	--	--	--
W-1	5/17/2007	(NP)	99.07	13.20	--	85.87	12,400	--	--	8,110	4,750	785	6,000	<200	--	--	--	--
W-1	8/2/2007	(NP)	99.07	13.80	--	85.27	65,600	--	--	11,100	10,500	1,980	8,540	<10.0	--	--	--	--

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Groundwater Gauging Data and Select Analytical Results
WA-01835 (06214)

4806 196th Street SW, Lynnwood, WA 98036

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead
W-2	11/29/1995	(NM)	95.82	--	--	450	--	--	--	2.1	ND	15	4	--	--	--	--	--
W-2	2/20/1996		95.82	12.11	--	83.71	670	--	--	5	ND	19	21	--	--	--	--	--
W-2	5/8/1996		95.82	12.76	--	83.06	690	--	--	6.7	ND	17	17	--	--	--	--	--
W-2	8/26/1996		95.82	14.58	--	81.24	ND	--	--	ND	ND	1	1	--	--	--	--	--
W-2	11/30/1996		95.82	15.80	--	80.02	ND	--	--	ND	ND	1	ND	--	--	--	--	--
W-2	4/17/1997	(NP)	95.82	12.70	--	83.12	590	--	--	2.2	ND	6	7	--	--	--	--	--
W-2	7/3/1997		95.82	14.99	--	80.83	330	--	--	0.6	ND	3	2	--	--	--	--	--
W-2	5/26/1998	(NS)	95.82	13.57	--	82.25	--	--	--	--	--	--	--	--	--	--	--	--
W-2	11/24/1998	(NS)	95.82	14.85	--	80.87	--	--	--	--	--	--	--	--	--	--	--	--
W-2	2/4/1999	(NP)	95.82	12.14	--	83.66	250	--	--	<0.5	<1	<1	<1	--	--	--	--	--
W-2	5/11/1999	(P)	95.82	12.99	--	82.83	530	--	--	<0.5	<1	<1	<1	--	--	--	--	--
W-2	8/27/1999	(P)	95.82	14.26	--	81.56	<50	--	--	<0.5	<1	<1	<1	--	--	--	--	--
W-2	11/12/1999	(P)	95.82	13.93	--	81.89	120	--	--	<0.5	<1	<1	<1	--	--	--	--	--
W-2	3/3/2000	(P)	95.82	12.53	--	83.29	110	--	--	<0.5	<1	<1	<1	--	--	--	--	--
W-2	6/18/2000	(P)	95.82	13.57	--	82.25	55	--	--	<0.800	<3.30	<0.500	<1.00	--	--	--	--	--
W-2	9/29/2000	(P)	95.82	15.15	--	80.87	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
W-2	11/2/2000	(P)	95.82	14.78	--	81.04	<50.0	--	--	<0.500	<0.500	0.593	<1.00	--	--	--	--	--
W-2	3/6/2001	(P)	95.82	13.60	--	82.22	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
W-2	5/22/2001	(P)	95.82	13.85	--	81.97	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
W-2	8/22/2001	(P)	95.82	14.65	--	81.17	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
W-2	12/3/2001	(NP)	95.82	14.45	--	81.37	7.930	--	--	8.67	7.73	<0.500	<1.00	--	--	--	--	--
W-2	6/1/2002	(NP)	95.82	13.97	--	81.85	16.400	--	--	669	1,890	272	1,350	--	--	<0.01	<5.00	--
W-2	9/9/2002	(NP)	95.82	15.37	--	80.45	1,150	--	--	117	272	33.6	181	--	--	<2.00	<1.00	--
W-2	5/19/2003	(NP)	95.82	12.46	--	83.36	3,400	--	--	866	153	115	375	--	--	--	--	--
W-2	5/28/2003	(NP)	95.82	13.26	--	82.56	2,830	--	--	651	24.3	48.7	82.9	--	--	<25.0	3.54	--
W-2	8/21/2003	(NP)	95.82	14.91	--	80.91	655	--	--	67.3	109	9.13	38.1	--	--	--	--	--
W-2	10/29/2003	(P)	95.82	15.35	--	80.47	<50.0	--	--	4.31	4.79	0.7	1.49	--	--	3.16	73.8	--
W-2	3/23/2004	(P)	95.82	12.75	--	83.07	20,000	--	--	3,170	1,020	406	1,700	--	--	<25.0	48.3	--
W-2	6/4/2004	(P)	95.82	13.98	--	81.84	407	--	--	89.7	7.14	4.74	11.3	--	--	12.5	--	--
W-2	8/16/2004	(P)	95.82	14.77	--	81.05	503	--	--	66.6	32.8	12.3	40	--	--	10.4	--	--
W-2	11/3/2004	(P)	95.82	14.85	--	80.97	277	--	--	48.1	27.8	15.8	47.5	--	--	9.19	--	--
W-2	3/31/2005	(P)	95.82	13.20	--	82.62	311	--	--	69.3	1.97	9.01	22.8	--	--	8	--	--
W-2	6/19/2005	(P)	95.82	13.56	--	82.26	2,750	--	--	183	444	109	529	--	--	17.6	--	--
W-2	8/30/2005	(P)	95.82	14.85	--	80.97	438	--	--	28.6	8.77	17.2	64	--	--	<2.00	--	--
W-2	12/1/2005	(P)	95.82	14.30	--	81.52	123	--	--	3.75	4.05	6.69	26.9	--	--	9.1	--	--
W-2	5/11/2006	(NS)	95.82	12.87	--	82.95	--	--	--	--	--	--	--	--	--	--	--	--
W-2	9/22/2006	(NS)	95.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Groundwater Gauging Data and Select Analytical Results
WA-01835 (06214)

4805 196th Street SW, Lynnwood, WA 98036

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead
Model Toxics Control Act (MTCRA) Method A Cleanup Levels (CULs) in µg/L							800/1,000	500	500	5	1,000	700	1,800	20	0.01	5	15	15
W-2	3/21/2007	(NS)	95.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-2	5/17/2007	(NP)	95.82	12.99	--	82.83	276	--	--	149	<2.50	<2.50	10	68.4	--	--	--	--
W-2	8/2/2007	(NS)	95.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-2	12/5/2007	(NS)	95.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-2	5/5/2008	(NP)	95.82	11.15	--	84.67	679	--	--	94.6	0.66	<0.500	11	63.6	--	--	--	--
W-2	10/21/2008	(NP)	95.82	14.38	--	81.44	162	--	--	1.93	0.87	0.61	8.16	7.52	--	--	--	--
W-2	6/18/2009	(NS)	95.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-2	3/24/2010	(P)	382.59	10.79	--	371.80	190	--	--	49	<1.0	3.7	15	<1.0	--	--	--	--
W-2	6/11/2010	(P)	382.59	11.25	--	371.34	98	--	--	19	<1.0	<1.0	<3	1.5	--	--	--	--
W-2	12/27/2010	(LF)	382.59	11.40	--	371.19	<50	--	--	4.0	<1.0	<1.0	<2.0	<1.0	--	--	<2.0	--
W-2	2/18/2011	(LF)	382.59	11.48	--	371.11	54	--	--	8.6	<1.0	<1.0	<2.0	<1.0	--	--	<2.0	--
W-2	5/8/2011	(LF)	382.59	11.49	0.0	371.10	69.4	--	--	20.0	<1.0	1.1	7.1	<1.0	--	--	<10.0	--
W-2	9/27/2011	(LF)	382.59	14.20	0.0	368.39	<100	--	--	2.89	<1.00	<1.00	<3	11.2	--	--	<15	--
W-2	9/27/2011	(Dup)(LF)	382.59	14.20	0.0	368.39	<100	--	--	3.01	<1.00	<1.00	<3	8.92	--	<1.00	--	--
W-2	6/13/2012	(NP)	382.59	12.16	0.0	370.43	<50.0	--	--	18.2	<1.0	<1.0	<3.0	1.5	--	--	<10.0	--
W-2	11/19/2012	(NP)	382.59	12.83	0.0	369.76	205	--	--	9.5	<1.0	<1.0	<3.0	3.2	--	--	<3.0	--
W-2	8/20/2013	(NP)	382.59	14.23	--	368.36	<100	--	--	1.2	<1.0	<1.0	<3.0	4.1	--	--	16.4	<10.0
W-2	8/20/2013	(Dup)(NP)	382.59	14.23	--	368.36	<100	--	--	<1.0	<1.0	<1.0	<3.0	3.4	--	--	12.5	<10.0
W-2	3/17/2014	(NS)	382.59	11.52	0.0	371.07	--	--	--	--	--	--	--	--	--	--	--	--
W-2	6/4/2014	(NS)	382.59	12.52	0.0	370.07	--	--	--	--	--	--	--	--	--	--	--	--
W-2	9/1/2014	(NS)	382.59	13.78	0.0	368.81	--	--	--	--	--	--	--	--	--	--	--	--
W-2	12/10/2014	(NS)	382.59	12.20	0.0	370.39	--	--	--	--	--	--	--	--	--	--	--	--
W-2	3/12/2015	(LFP)	382.59	12.55	0.0	370.04	<50	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	<4.7	--
W-2	8/9/2015	(LFP)	382.59	13.22	0.0	369.37	<50	--	--	<0.50	<0.50	<0.50	<0.50	0.62(J)	--	--	<4.7	--
W-2	12/15/2015	(LFP)	382.59	11.65	0.0	370.94	<50	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	<5.1	--
W-2	3/23/2016	(LFP)	382.59	11.30	0.0	371.29	79(J)	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	5.3(J)	--
W-2	8/3/2016	(LFP)	382.59	13.03	0.0	369.56	<50	--	--	<0.50	<0.50	<0.50	<0.50	0.83(J)	--	--	<5.1	--
W-2	9/20/2016	(LFP)	382.59	14.24	0.0	368.35	<50	--	--	<0.50	<0.50	<0.50	<0.50	1.5	--	--	<6.2	--
W-3	2/15/1995		97.27	14.81	--	82.46	ND	--	--	ND	ND	ND	ND	--	--	--	--	--
W-3	5/16/1995		97.27	15.16	--	82.11	ND	--	--	ND	ND	ND	ND	--	--	--	--	--
W-3	8/24/1995	(NS)	97.27	16.42	--	80.85	--	--	--	--	--	--	--	--	--	--	--	--
W-3	11/29/1995	(NS)	97.27	14.88	--	82.39	--	--	--	--	--	--	--	--	--	--	--	--
W-3	2/20/1996	(NS)	97.27	13.42	--	83.85	--	--	--	--	--	--	ND	--	--	--	--	--
W-3	5/8/1996		97.27	14.26	--	83.01	ND	--	--	ND	ND	ND	ND	--	--	--	--	--
W-3	8/26/1996	(NS)	97.27	16.45	--	80.82	--	--	--	--	--	--	--	--	--	--	--	--
W-3	11/30/1996	(NS)	97.27	16.40	--	80.87	--	--	--	--	--	--	--	--	--	--	--	--
W-3	4/17/1997	(NS)	97.27	14.41	--	82.66	--	--	--	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Gauging Data and Select Analytical Results

WA-01835 (06214)

4806 196th Street SW, Lynnwood, WA 98036

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MIBE	EDB	EDC	Total Load	Dissolved Lead
Method: Toxics Control Act (MTCOA) Method A Cleanup Levels (CULs) in µg/L																		
W-3	7/3/1997		97.27	13.26	--	84.01	ND	--	--	ND	ND	ND	ND	--	--	--	15	15
W-3	5/26/1998	(NS)	97.27	15.34	--	81.93	--	--	--	--	--	--	--	--	--	--	--	--
W-3	11/24/1998	(NS)	97.27	17.14	--	80.13	--	--	--	--	--	--	--	--	--	--	--	--
W-3	2/4/1999	(NS)	97.27	13.91	--	83.36	--	--	--	--	--	--	--	--	--	--	--	--
W-3	5/11/1999	(NS)	97.27	14.67	--	82.60	--	--	--	--	--	--	--	--	--	--	--	--
W-3	8/27/1999	(P)	97.27	15.97	--	81.30	<50	--	--	<0.5	<1	<1	<1	--	--	--	--	--
W-3	11/12/1999	(NS)	97.27	16.74	--	80.53	--	--	--	--	--	--	--	--	--	--	--	--
W-3	3/31/2000	(P)	97.27	14.40	--	82.87	<50	--	--	<0.5	<1	<1	<1	--	--	--	--	--
W-3	6/18/2000	(P)	97.27	15.34	--	81.93	<50.0	--	--	<0.500	0.693	<0.500	<1.00	--	--	--	--	--
W-3	9/29/2000	(P)	97.27	17.31	--	79.96	<50.0	--	--	<0.500	<0.500	<0.500	1.37	--	--	--	--	--
W-3	11/21/2000	(P)	97.27	16.95	--	80.32	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--
W-3	3/6/2001	(P)	97.27	15.20	--	82.07	<50.0	--	--	<0.500	0.725	<0.500	<1.00	<5.00	--	--	--	<1.00
W-3	5/22/2001	(P)	97.27	15.50	--	81.77	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	<5.00	--	--	--	<1.00
W-3	8/22/2001	(NS)	97.27	16.50	--	80.77	--	--	--	--	--	--	--	--	--	--	--	--
W-3	12/31/2001	(NP)	97.27	14.44	--	82.83	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	<5.00	--	--	--	<1.00
W-3	6/17/2002	(NP)	97.27	15.67	--	81.60	<50.0	--	--	0.712	1.74	<0.500	<1.00	--	<0.01	<1.00	--	--
W-3	9/8/2002	(NP)	97.27	17.34	--	79.93	<50.0	--	--	1.56	0.802	<0.500	<1.00	2.77	<0.01	<1.00	44.7	--
W-3	3/19/2003	(NP)	97.27	14.36	--	82.91	137	--	--	23.5	13.6	2.88	9.96	<5.00	--	--	25	<1.00
W-3	5/29/2003	(NP)	97.27	14.93	--	82.34	<250	--	--	13.7	5.2	<2.50	<5.00	<35.0	--	--	17.5	11.1
W-3	8/21/2003	(NP)	97.27	16.80	--	80.47	54.6	--	--	6.38	2.35	0.608	2.17	<1.00	--	--	10.8	<1.00
W-3	10/29/2003	(P)	97.27	17.32	--	79.95	136	--	--	39	4.91	<0.500	1.67	3.93	--	--	212	<1.00
W-3	3/23/2004	(P)	97.27	14.04	--	83.23	147	--	--	25.6	3.24	0.726	2.87	<1.00	--	--	25	<1.00
W-3	6/4/2004	(NS)	97.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-3	8/16/2004	(P)	97.27	16.68	--	80.59	104	--	--	25.3	1.63	1.02	3.66	4.04	--	--	<1.00	<1.00
W-3	11/3/2004	(P)	97.27	17.31	--	79.96	<80.0	--	--	14.1	1.25	<0.500	1.51	4.92	--	--	8.98	<1.00
W-3	3/31/2005	(P)	97.27	15.00	--	82.27	91.6	--	--	25	1.92	<0.500	<1.00	2.6	--	--	2.1	<1
W-3	6/19/2005	(P)	97.27	15.32	--	81.95	114	--	--	31.5	1.71	<0.500	<1.00	2.33	--	--	77.3	--
W-3	8/30/2005	(P)	97.27	16.10	--	81.17	105	--	--	22.5	1.6	<0.500	1.24	<2.00	--	--	37.9	<1.00
W-3	12/1/2005	(P)	97.27	16.51	--	80.76	<50.0	--	--	5.77	1.29	0.68	3.26	4.52	--	--	10.2	<1.00
W-3	5/11/2006	(NS)	97.27	14.81	--	82.46	--	--	--	--	--	--	--	--	--	--	--	--
W-3	9/22/2006	(NS)	97.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-3	3/21/2007	(NS)	97.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-3	5/17/2007	(NP)	97.27	14.98	--	82.29	<50.0	--	--	76	1.91	<0.500	<3.00	<1.00	--	--	--	--
W-3	8/2/2007	(NS)	97.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-3	12/5/2007	(NS)	97.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-3	5/5/2008	(NS)	97.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-3	10/21/2008	(NS)	97.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
Groundwater Gauging Data and Select Analytical Results
WA-01835 (06214)
4806 196th Street SW, Lynnwood, WA 98036

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead
W-3	6/18/2009	(NP)	97.27	15.12	--	82.15	<80.0	--	--	<0.500	0.534	<0.500	1.18	--	--	--	6.9	<2.00
W-3	3/24/2010	(P)	382.40	12.61	--	369.79	<50	--	--	<1.0	<1.0	<1.0	<2.0	3.4	--	--	--	--
W-3	6/11/2010	(P)	382.40	12.66	--	369.74	<52	--	--	<1.0	<1.0	<1.0	<1.0	4.4	--	--	--	--
W-3	12/27/2010	(LF)	382.40	12.76	--	369.64	<50	--	--	<1.0	<1.0	<1.0	<2.0	5.9	--	--	<2.0	--
W-3	2/18/2011	(LF)	382.40	12.67	--	369.73	<50	--	--	<1.0	<1.0	<1.0	2.8	7.5	--	--	<2.0	--
W-3	5/6/2011	(LF)	382.40	12.94	0.0	369.46	<50.0	--	--	<1.0	<1.0	<1.0	4.1	8.6	--	--	<10.0	--
W-3	9/27/2011	(LF)	382.40	14.80	0.0	367.60	<100	--	--	<0.200	2.37	3.84	10.0	--	--	--	<15	--
W-3	6/13/2012	(NP)	382.40	13.26	0.0	369.14	<50.0	--	--	<1.0	<1.0	<1.0	3.9	--	--	--	<10.0	--
W-3	11/19/2012	(NP)	382.40	13.75	0.0	368.65	311	--	--	<1.0	<1.0	<1.0	6.5	5.8	--	--	35.0	--
W-3	8/20/2013	(NP)	382.40	14.80	--	367.60	<100	--	--	<1.0	<1.0	<1.0	6.3	9.9	--	--	78.4	33.6
W-3	3/17/2014	(NS)	382.40	12.51	0.0	369.89	--	--	--	--	--	--	--	--	--	--	--	--
W-3	6/4/2014	(NS)	382.40	13.03	0.0	369.37	--	--	--	--	--	--	--	--	--	--	--	--
W-3	9/1/2014	(NS)	382.40	14.06	0.0	368.34	--	--	--	--	--	--	--	--	--	--	--	--
W-3	12/10/2014	(NS)	382.40	13.04	0.0	369.36	--	--	--	--	--	--	--	--	--	--	--	--
W-3	3/12/2015	(LFP)	382.40	12.96	0.0	369.44	<50	--	--	<0.50	<0.50	<0.50	<0.50	1.2	--	--	<4.7	--
W-3	6/9/2015	(LFP)	382.40	13.50	0.0	368.90	<50	--	--	<0.50	<0.50	<0.50	<0.50	1.2	--	--	10.2(j)	--
W-3	12/15/2015	(LFP)	382.40	12.65	0.0	369.75	<50	--	--	<0.50	<0.50	<0.50	0.96(j)	<0.50	--	--	25.6	--
W-3	3/23/2016	(LFP)	382.40	12.24	0.0	370.16	62(j)	--	--	<0.50	<0.50	<0.50	2.7	1.8	--	--	<5.1	--
W-3	6/3/2016	(LFP)	382.40	13.41	0.0	368.99	<50	--	--	<0.50	<0.50	<0.50	3.3	0.86(j)	--	--	<5.1	--
W-3	9/20/2016	(LFP)	382.40	14.54	0.0	367.86	<50	--	--	<0.50	<0.50	<0.50	3.1	0.81(j)	--	--	<6.2	--

TOC = Top of casing in feet North American Vertical Datum of 1988 (NAVD 88)

DTW = Depth to water in feet below TOC

NAPL = Non-aqueous phase liquid thickness in feet

GWE = Groundwater elevation in feet NAVD 88

GRO = Total petroleum hydrocarbons - gasoline range organics

DRO = Total petroleum hydrocarbons - diesel range organics

HO = Total petroleum hydrocarbons - heavy oil range organics

MTBE = Methyl tertiary butyl ether

EDB = Ethylene dibromide

EDC = 1,2-Dichloroethane

800/1,000 = GRO MTCA Method A CUL with benzene present is 800 µg/L and without is 1,000 µg/L

-- = Not analyzed/not applicable

ND = Not detected at or above the laboratory reporting limit

ORC = Oxygen Releasing Compound installed in monitoring, no sample collected

NP = No purge sample

< = Analytical result is less than reporting limit shown

P = Purge sample

Table 1
Groundwater Gauging Data and Select Analytical Results
WA-01835 (06214)

4806 196th Street SW, Lynnwood, WA 98036

All analytical results are presented in micrograms per liter (µg/L)

NS = Not sampled

LF/LFP = Low flow (purge) sample

DUP = Duplicate sample

J = estimated value – The result is greater than or equal to the Method Detection Limit (MDL) and less than the Limit of Quantitation (LOQ)

NG = Not gauged

LNAPL = Light non-aqueous phase liquid

M = Sample name was mistakenly reported as MW-1R in laboratory analytical report

NM = Not measured

Wells were resurveyed in 2010 and are referenced to vertical datum NAVD 88 and horizontal datum NAD 83/98

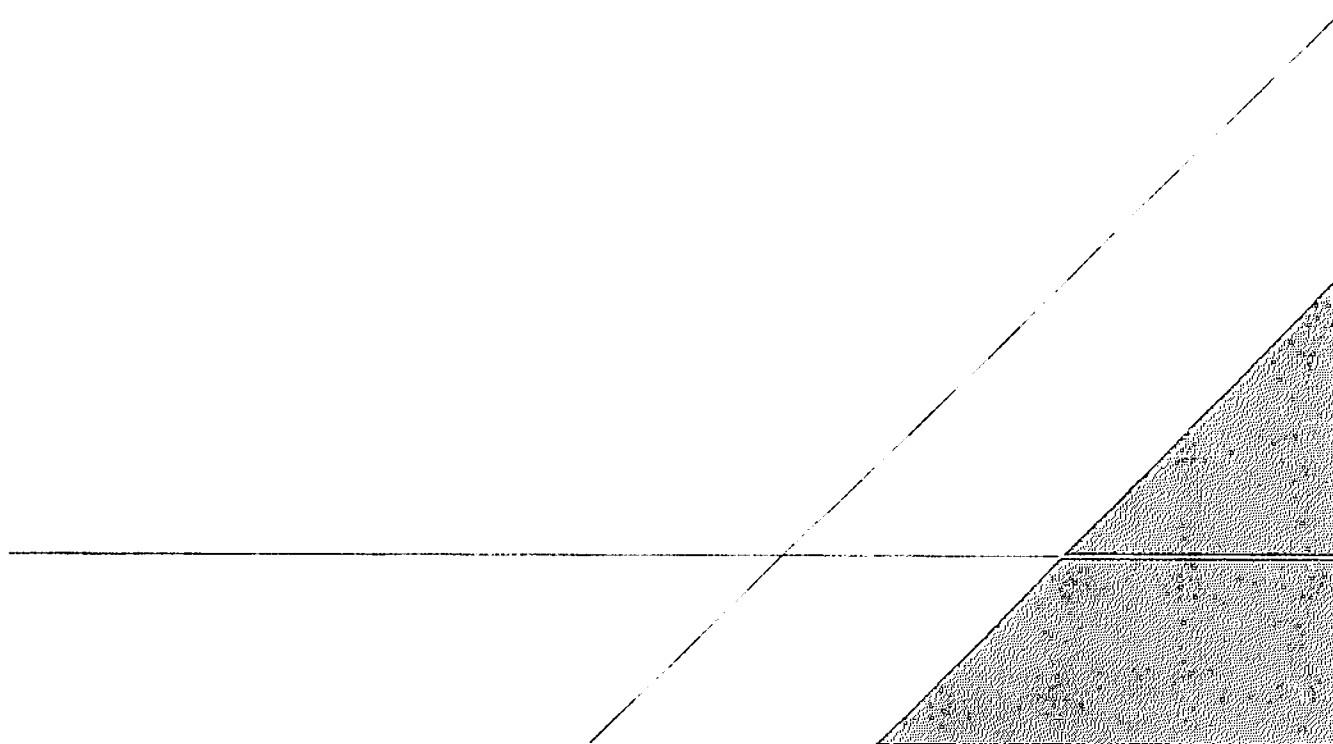
If NAPL is present, the GWE is corrected according to the following formula (TOC elevation - depth to water) + (0.8 x NAPL thickness)

Data collected prior to 2010 have been provided by previous consultants and are included as historical reference only

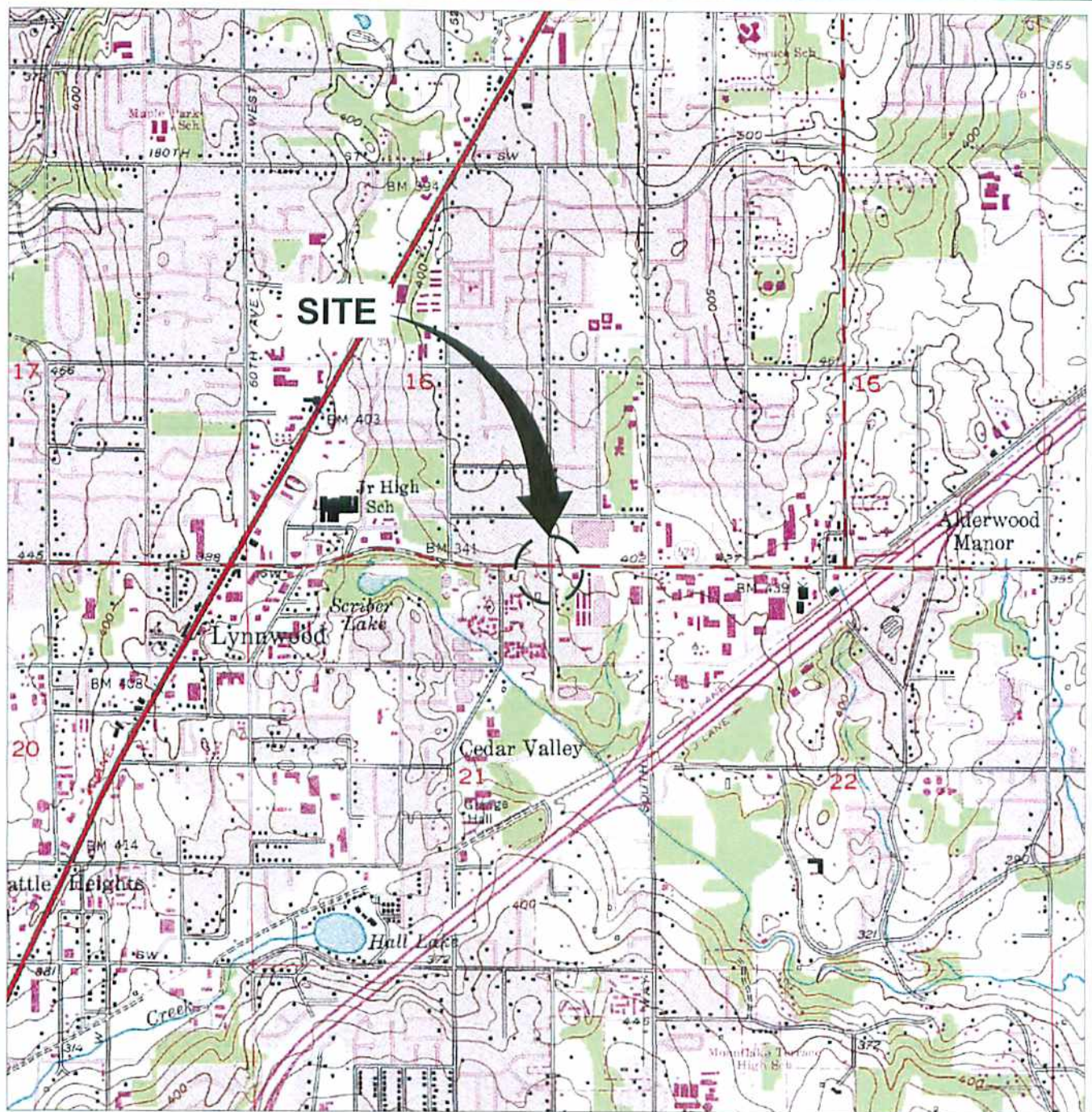
GRO, DRO, HO analyzed by Ecology Northwest Methods; Benzene, toluene, ethylbenzene, and total xylenes (BTEX), MTBE, and EDB by 8260B; Lead by U.S. Environmental Protection Agency (EPA) 6000/7000 Series; EDC by EPA 8011

BOLD constituent detected above MTCA Cleanup Levels

FIGURES



CITY PETALUMA, CA DIVGROUP ENV DB J. HARRIS LD — PIC — PM S. DAVIS TM T. POTTER LYR (OPTION) — OFF — REF —
 G:\ENV\CAD\Energy\del\ACT\G068\HAWAII\40000\AnnualSiteStatus2013\DWG\G068\HAWAII\401.dwg LAYOUT 1 SAVED 3/14/2014 1:31 PM ACADVER 18.15 (LMS TECH) PLOTSETUP — PLOTSTYLETABLE ARCADIS.CTB PLOTTED 3/14/2014 1:31 PM BY REYES ALEC



REFERENCE: BASE MAP USGS 7.5 MIN. TOPO. QUAD. EDMONDS EAST, WA, 1983.

0 2000' 4000'
 Approximate Scale: 1 in. = 2000 ft.

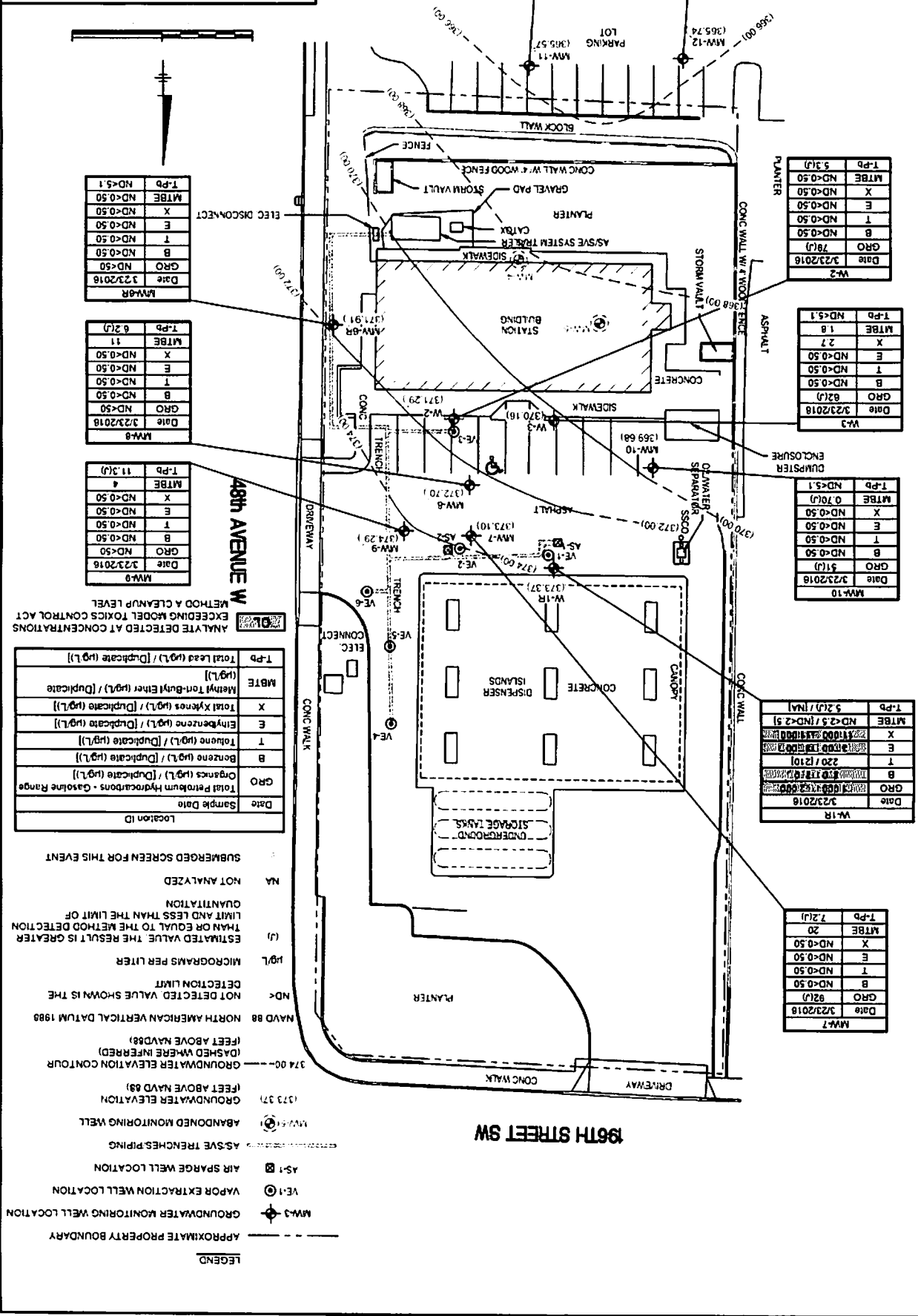


ATLANTIC RICHFIELD COMPANY
 ARCO STATION NO. 01835
 4806 196TH STREET SOUTH WEST, LYNNWOOD, WASHINGTON
 2016 ANNUAL SITE STATUS REPORT

SITE LOCATION MAP

ARCADIS Design & Consultancy
 for natural and built assets

FIGURE
1



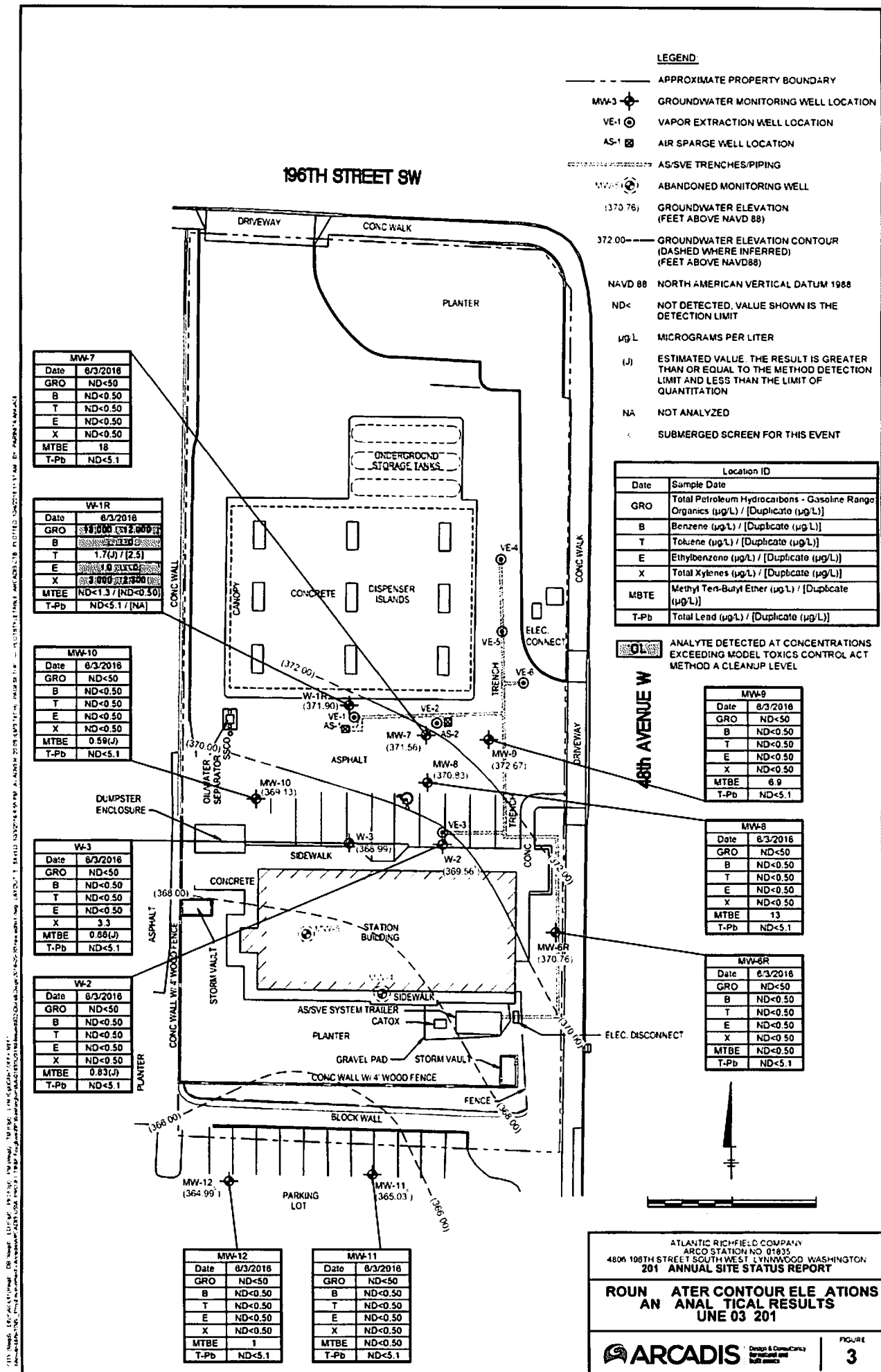
ANALYTES DETECTED AT CONCENTRATIONS EXCEEDING MODEL TOXICS CONTROL ACT METHOD A CLEANUP LEVEL

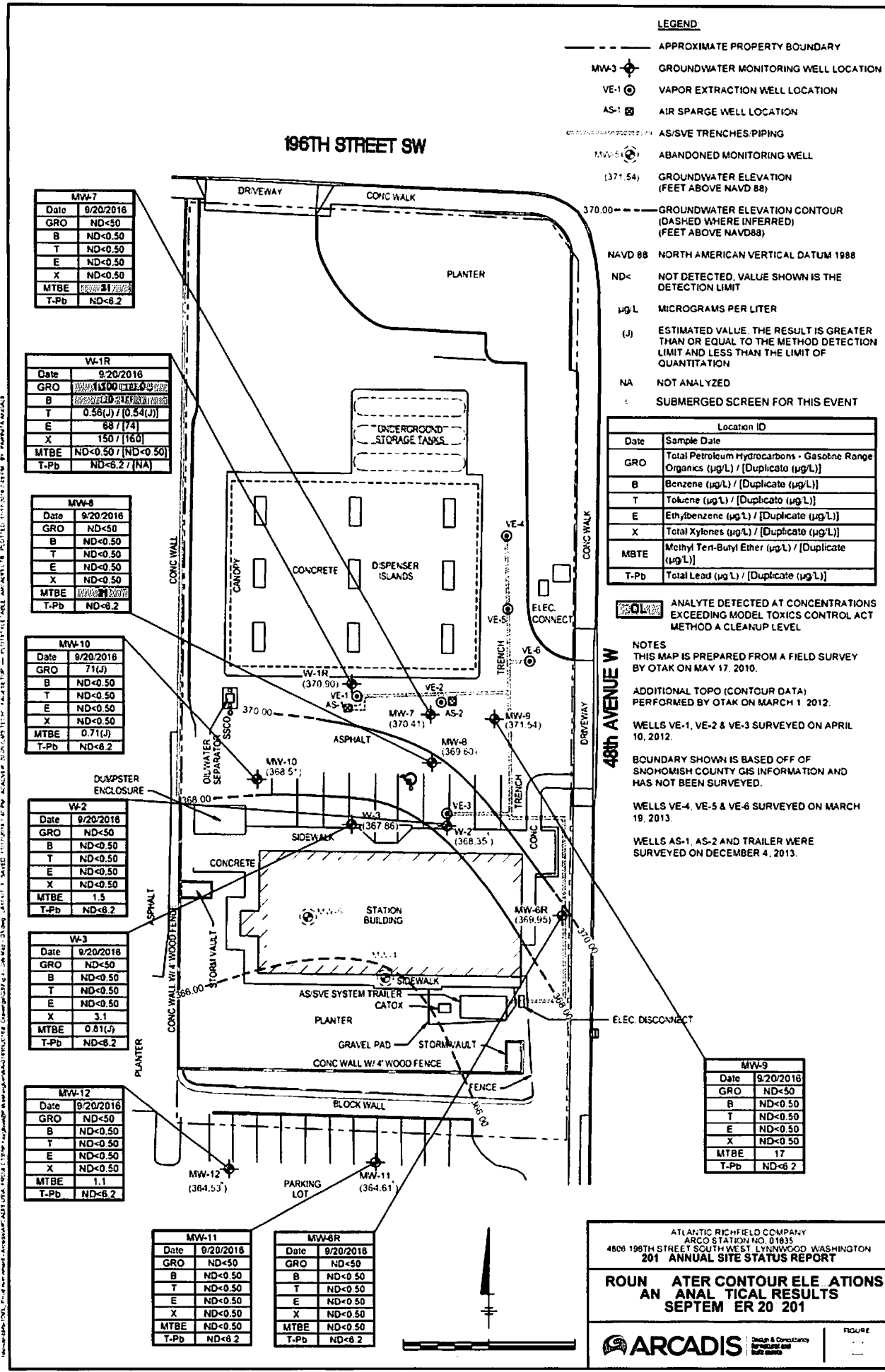
Location ID	Sample Date	GRO	B	T	E	X	MBTE	T-Pb
W-1	3/23/2016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
W-2	3/23/2016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
W-3	3/23/2016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
W-4	3/23/2016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
W-5	3/23/2016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
W-6	3/23/2016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
W-7	3/23/2016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
W-8	3/23/2016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
W-9	3/23/2016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
W-10	3/23/2016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
W-11	3/23/2016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
W-12	3/23/2016	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- GROUNDWATER MONITORING WELL LOCATION
- VAPOR EXTRACTION WELL LOCATION
- AIR SPARGE WELL LOCATION
- AS-SVE TRENCHES/PIPING
- ABANDONED MONITORING WELL
- GROUNDWATER ELEVATION (FEET ABOVE NAVD 83)
- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- (FEET ABOVE NAVD 83)
- NAV 88 NORTH AMERICAN VERTICAL DATUM 1988
- NOT DETECTED VALUE SHOWN IS THE DETECTION LIMIT
- ESTIMATED VALUE THE RESULT IS GREATER THAN OR EQUAL TO THE METHOD DETECTION LIMIT AND LESS THAN THE LIMIT OF QUANTITATION
- NOT ANALYZED
- SUBMERGED SCREEN FOR THIS EVENT

DATE: 03/23/2016 TIME: 10:00 AM
PROJECT: 196TH STREET SW, 48TH AVENUE W, 48TH AVENUE E
CLIENT: ATLANTIC RICHFIELD COMPANY
LOCATION: 4505 196TH STREET SOUTH WEST LUMINOUS WASHINGTON
SCALE: 1\"/>





MW-7	
Date	9/20/2016
GRO	ND<50
B	ND<0.50
T	ND<0.50
E	ND<0.50
X	ND<0.50
MTBE	ND<0.50
T-Pb	ND<6.2

W-1R	
Date	9/20/2016
GRO	ND<50
B	ND<0.50
T	0.56(J) / (0.54(J))
E	88 / (74)
X	150 / (160)
MTBE	ND<0.50 / (ND<0.50)
T-Pb	ND<6.2 / (NA)

MW-8	
Date	9/20/2016
GRO	ND<50
B	ND<0.50
T	ND<0.50
E	ND<0.50
X	ND<0.50
MTBE	ND<0.50
T-Pb	ND<6.2

MW-10	
Date	9/20/2016
GRO	71(J)
B	ND<0.50
T	ND<0.50
E	ND<0.50
X	ND<0.50
MTBE	0.71(J)
T-Pb	ND<6.2

W-2	
Date	9/20/2016
GRO	ND<50
B	ND<0.50
T	ND<0.50
E	ND<0.50
X	ND<0.50
MTBE	1.5
T-Pb	ND<6.2

W-3	
Date	9/20/2016
GRO	ND<50
B	ND<0.50
T	ND<0.50
E	ND<0.50
X	3.1
MTBE	0.61(J)
T-Pb	ND<6.2

MW-12	
Date	9/20/2016
GRO	ND<50
B	ND<0.50
T	ND<0.50
E	ND<0.50
X	ND<0.50
MTBE	1.1
T-Pb	ND<6.2

MW-11	
Date	9/20/2016
GRO	ND<50
B	ND<0.50
T	ND<0.50
E	ND<0.50
X	ND<0.50
MTBE	ND<0.50
T-Pb	ND<6.2

MW-6R	
Date	9/20/2016
GRO	ND<50
B	ND<0.50
T	ND<0.50
E	ND<0.50
X	ND<0.50
MTBE	ND<0.50
T-Pb	ND<6.2

MW-9	
Date	9/20/2016
GRO	ND<50
B	ND<0.50
T	ND<0.50
E	ND<0.50
X	ND<0.50
MTBE	17
T-Pb	ND<6.2

Location ID	
Date	Sample Date
GRO	Total Petroleum Hydrocarbons - Gasoline Range Organics (µg/L) / [Duplicate (µg/L)]
B	Benzene (µg/L) / [Duplicate (µg/L)]
T	Toluene (µg/L) / [Duplicate (µg/L)]
E	Ethylbenzene (µg/L) / [Duplicate (µg/L)]
X	Total Xylenes (µg/L) / [Duplicate (µg/L)]
MTBE	Methyl Tert-Butyl Ether (µg/L) / [Duplicate (µg/L)]
T-Pb	Total Lead (µg/L) / [Duplicate (µg/L)]

ANALYTE DETECTED AT CONCENTRATIONS EXCEEDING MODEL TOXICS CONTROL ACT METHOD A CLEANUP LEVEL

NOTES
THIS MAP IS PREPARED FROM A FIELD SURVEY BY OTAK ON MAY 17, 2010.

ADDITIONAL TOPO (CONTOUR DATA) PERFORMED BY OTAK ON MARCH 1, 2012.

WELLS VE-1, VE-2 & VE-3 SURVEYED ON APRIL 10, 2012.

BOUNDARY SHOWN IS BASED OFF OF SNOHOMISH COUNTY GIS INFORMATION AND HAS NOT BEEN SURVEYED.

WELLS VE-4, VE-5 & VE-6 SURVEYED ON MARCH 19, 2013.

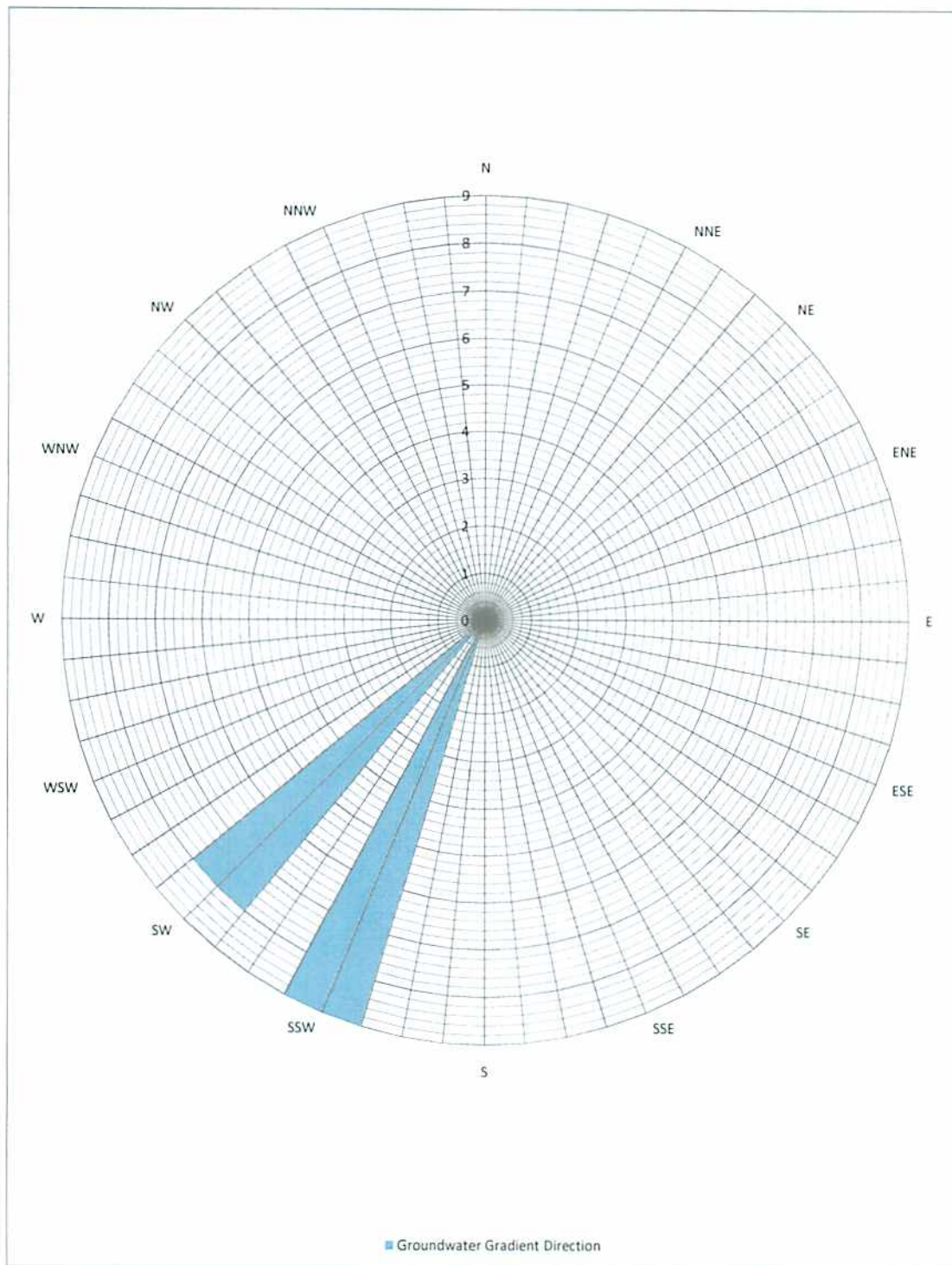
WELLS AS-1, AS-2 AND TRAILER WERE SURVEYED ON DECEMBER 4, 2013.

ATLANTIC RICHFIELD COMPANY
ARCO STATION NO. 01835
4800 196TH STREET SOUTH WEST LYNWOOD WASHINGTON
201 ANNUAL SITE STATUS REPORT

ROUND WATER CONTOUR ELEVATIONS
AN ANALYTICAL RESULTS
SEPTEMBER 20 201

ARCADIS
Design & Construction
Investigation and
Remediation

FIGURE



Legend:

N=North
 NNE= North Northeast
 NE= Northeast
 ENE= East Northeast
 E= East
 ESE= East Southeast
 SE=Southeast
 SSE= South Southeast
 S= South
 SW= Southwest
 SSW= South Southwest
 WSW= West South West
 W= West
 WNW= West Northwest
 NW=Northwest
 NNW= North Northwest

Note:

Rose diagram based on gradient direction calculations from groundwater monitoring events conducted by ARCADIS since top of casing survey in June 2010

Number of Events Observed= 17

ATLANTIC RICHFIELD COMPANY
 ARCO FACILITY NO. 01835
 4806 196TH STREET SOUTH WEST, LYNNWOOD, WASHINGTON
 2016 ANNUAL SITE STATUS REPORT

**HISTORICAL GROUNDWATER GRADIENT
 DIRECTION ROSE DIAGRAM**



FIGURE

5