

FOR PUBLIC RELEASE

Source Water Protection Plan Martinsburg City Of

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Berkeley County

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In cooperation with Martinsburg City Of

WV Bureau for Public Health, Source Water Assessment and Protection Program

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I Certify the information in the source water protection plan is complete and accurate to the best of my knowledge.

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7/6/2021

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SOURCE WATER PROGRAM ACRONYMS

AST	Aboveground Storage Tank
BMP	Best Management Practices
ERP	Emergency Response Plan
GWUDI	Ground Water Under the Direct Influence of Surface Water
LEPC	Local Emergency Planning Committee
OEHS	EED Office of Environmental Health Services/Environmental Engineering Division
PE	Professional Engineer
PSSCs	Potential Source of Significant Contamination
PWSU	Public Water System Utility
RAIN	River Alert Information Network
RPDC	Regional Planning and Development Council
SDWA	Safe Drinking Water Act
SWAP	Source Water Assessment and Protection
SWAPP	Source Water Assessment and Protection Program
SWP	Source Water Protection
SWPA	Source Water Protection Area
SWPP	Source Water Protection Plan
WARN	Water/Wastewater Agency Response Network
WHPA	Wellhead Protection Area
WHPP	Wellhead Protection Program
WSDA	Watershed Delineation Area
WVBPH	West Virginia Bureau for Public Health
WVDEP	West Virginia Department of Environmental Protection
WVDHHR	West Virginia Department of Health and Human Resources
WVDHSEM	West Virginia Division of Homeland Security and Emergency Management
ZCC	Zone of Critical Concern
ZPC	Zone of Peripheral Concern

1.0 PURPOSE

The goal of the West Virginia Bureau of Public Health (WVBPB) source water assessment and protection (SWAP) program is to prevent degradation of source waters which may preclude present and future uses of drinking water supplies to provide safe water in sufficient quantity to users. The most efficient way to accomplish this goal is to encourage and oversee source water protection on a local level. Many aspects of source water protection may be best addressed by engaging local stakeholders.

The intent of this document is to describe what Martinsburg City Of has done, is currently doing, and plans to do to protect its source of drinking water. Although this water system treats the water to meet federal and state drinking water standards, conventional treatment does not fully eradicate all potential contaminants and treatment that goes beyond conventional methods is often very expensive. By completing this plan, Martinsburg City Of acknowledges that implementing measures to minimize and mitigate contamination can be a relatively economical way to help ensure the safety of the drinking water.

1.1. WHAT ARE THE BENEFITS OF PREPARING A SOURCE WATER PROTECTION PLAN?

- Fulfilling the requirement for the public water utilities to complete or update their source water protection plan.
- Identifying and prioritizing potential threats to the source of drinking water; and establishing strategies to minimize the threats.
- Planning for emergency response to incidents that compromise the water supply by contamination or depletion, including how the public, state, and local agencies will be informed.
- Planning for future expansion and development, including establishing secondary sources of water.
- Ensuring conditions to provide the safest and highest quality drinking water to customers at the lowest possible cost.
- Providing more opportunities for funding to improve infrastructure, purchase land in the protection area, and other improvements to the intake or source water protection areas.

2.0 BACKGROUND: WV SOURCE WATER ASSESSMENT AND PROTECTION PROGRAM

Since 1974, the federal Safe Drinking Water Act (SDWA) has set minimum standards on the construction, operation, and quality of water provided by public water systems. In 1986, Congress amended the SDWA. A portion of those amendments were designed to protect the source water contribution areas around ground water supply wells. This program eventually became known as the Wellhead Protection Program (WHPP). The purpose of the WHPP is to prevent pollution of the source water supplying the wells.

The Safe Drinking Water Act Amendments of 1996 expanded the concept of wellhead protection to include surface water sources under the umbrella term of Source Water Protection. The amendments encourage states to establish SWAP programs to protect all public drinking water supplies. As part of this initiative states must explain how protection areas for each public water system will be delineated, how potential contaminant sources will be inventoried, and how susceptibility ratings will be established.

In 1999, the WVBPH published the West Virginia Source Water Assessment and Protection Program, which was endorsed by the United States Environmental Protection Agency. Over the next few years, WVBPH staff completed an assessment (i.e., delineation, inventory and susceptibility analysis) for all of West Virginia's public water systems. Each public water system was sent a copy of its assessment report. Information regarding assessment reports for Martinsburg City Of can be found in **Table 1**.

3.0 STATE REGULATORY REQUIREMENTS

On June 6, 2014, §16 1 2 and §16 1 9a of the Code of West Virginia, 1931, was reenacted and amended by adding three new sections, designated §16 1 9c, §16 1 9d and §16-1-9e. The changes to the code outlines specific requirements for public water utilities that draw water from a surface water source or a surface water influenced groundwater source.

Under the amended and new codes each existing public water utility using surface water or ground water influenced by surface water as a source must have completed or updated a source water protection plan by July 1, 2016, and must continue to update their plan every three years. Existing source water protection plans have been developed for many public water utilities in the past. If available, these plans were reviewed and considered in the development of this updated plan. Any new water system established after July 1, 2016 must submit a source water protection plan before they start to operate. A new plan is also required when there is a significant change in the potential sources of significant contamination (PSSC) within the zone of critical concern (ZCC).

The code also requires that public water utilities include details regarding PSSCs, protection measures, system capacities, contingency plans, and communication plans. Before a plan can be approved, the local health department and public will be invited to contribute information for consideration. In some instances, public water utilities may be asked to conduct independent studies of the source water protection area and specific threats to gain additional information.

4.0 SYSTEM INFORMATION

MARTINSBURG CITY OF is classified as a state regulated public utility and operates a community public water system. A community public water system is a system that regularly supplies drinking water from its own sources to at least 15 service connections used by year round residents of the area or regularly serves 25 or more people throughout the entire year. For purposes of this source water protection plan, community public water systems are also referred to as public water utilities. Information on the population served by this utility is presented in **Table 1** below.

Table 1. Population Served by MARTINSBURG CITY OF

Administrative office location:		600 Baltimore Street, Martinsburg, BERKELEY, WV, 25401	
Is the system a public utility, according to the Public Service Commission rule?		Yes	
Date of Most Recent Source Water Assessment Report:		9/1/2000	
Date of Most Recent Source Water Protection Plan:		1/7/2019	
Population served directly:		15652	
Bulk Water Purchaser Systems:	System Name	PWSID Number	Population
	Berekeley County PSWD	3300218	2477
	Berkeley Couny PSWD	3300202	2477
Total Population Served by the Utility:		15652	
Does utility have multiple Source Water Protection Areas(SWPAs)?		Yes	
How many SWPAs does the utility have?		3	

5.0 WATER TREATMENT AND STORAGE

As required, Martinsburg City Of has assessed their system (e.g., treatment capacity, storage capacity, unaccounted for water, contingency plans) to evaluate their ability to provide drinking water and protect public health. **Table 2** contains information on the water treatment methods and capacity of the utility. Information about the surface sources from which Martinsburg City Of draws water can be found in **Table 3**. If the utility draws water from any groundwater sources to blend with the surface water the information about these ground water sources can be found in **Table 4**.

Table 2. Martinsburg City Of Water Treatment Information

Big Springs	
Water treatment processes (in order of occurrence) includes:	ACTIVATED CARBON, GRANULAR , COAGULATION, FLOCCULATION, FILTERED, DISINFECTION, FLUORIDATION, COAGULATION
The treatment capacity is approximately (GPD):	450,000
Current average production is approximately (GPD):	648,318
Maximum gallons of water treated and produced at that plant in one day during the past year was:	1,365,000
Minimum gallons of water treated and produced at that plant in one day during the past year was:	278,000
Plant is operated an average of hours a day:	8
Maximum number of hours of operation in one day at that plant during the past year was:	24
Minimum number of hours of operation in one day at that plant during the past year was:	6
How many storage tank(s) are maintained on systems distribution system:	4
Total gallons of treated water storage:	5,260,000
Total gallons of raw water storage (GALs):	250,000
Kilmer Springs	
Water treatment processes (in order of occurrence) includes:	COAGULATION, FLOCCULATION, FILTERED, DISINFECTION, FLUORIDATION
The treatment capacity is approximately (GPD):	4,500,000
Current average production is approximately (GPD):	2,390,679
Maximum gallons of water treated and produced at that plant in one day during the past year was:	2,555,857
Minimum gallons of water treated and produced at that plant in one day during the past year was:	1,856,961
Plant is operated an average of hours a day:	24
Maximum number of hours of operation in one day at that plant during the past year was:	24
Minimum number of hours of operation in one day at that plant during the past year was:	24

How many storage tank(s) are maintained on systems distribution system:	4
Total gallons of treated water storage:	5,260,000
Total gallons of raw water storage (GALs):	250,000

Table 3. Martinsburg City Of Surface Water Sources

Intake Name	Facility #	Local Name	Describe Intake	State Id Code	Date Constructed / Modified	Frequency of Use (Primary / Backup / Emergency)	Activity Status (Active/Inactive)
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Table 4. Martinsburg City Of Ground Water Sources

Well/Spring Name	Facility #	Local Name	Date Constructed / Modified	Completion Report Available (Yes/No)	Well Depth (ft)	Casing Depth (ft)	Grout (Yes/No)	Frequency of Use (Primary / Backup / Emergency)	Activity Status (Active/Inactive)
BIG SPRING SOURCE WELL	-	WELL IN LIMESTONE MINE	1/1/2001	Yes	503	422	Other	Permanent	Active
BIG SPRING	-		1/1/2001	Yes	503	422	Other	Permanent	Active
KILMER SPRING	-	KILMER SPRING - SPRINGHOUSE	1/1/1930	No	0	0	None	Permanent	Active

6.0 DELINEATIONS

For surface water systems, delineation is the process used to identify and map the drainage basin that supplies water to a surface water intake. This area is generally referred to as the source water protection area (SWPA). All surface waters are susceptible to contamination because they are exposed at the surface and lack a protective barrier from contamination. Accidental spills, releases, sudden precipitation events that result in overland runoff, or storm sewer discharges can allow pollutants to readily enter the source water and potentially contaminate the drinking water at the intake. The SWPA for surface water is distinguished as a Watershed Delineation Area (WSDA) for planning purposes; and the Zone of Peripheral Concern (ZPC) and Zone of Critical Concern (ZCC) are defined for regulatory purposes.

The WSDA includes the entire watershed area upstream of the intake to the boundary of the State of West Virginia border, or a topographic boundary. The ZCC for a public surface water supply is a corridor along streams within the watershed that warrant more detailed scrutiny due to its proximity to the surface water intake and the intake's susceptibility to potential contaminants within that corridor. The ZCC is determined using a mathematical model that accounts for stream flows, gradient and area topography. The length of the ZCC is based on a five-hour time-of-travel of water in the streams to the water intake, plus an additional one-quarter mile below the water intake. The width of the zone of critical concern is 1,000 feet measured horizontally from each bank of the principal stream, and five hundred feet measured horizontally from each bank of the tributaries draining into the principal stream. Ohio River ZCC delineations are based on ORSANCO guidance and extend 25 miles above the intake. The Ohio River ZCC delineations include 1,320 feet (1/4 mile) measured from the bank of the main stem of the Ohio River and 500 feet on a tributary.

The ZPC for a public surface water supply source and for a public surface water influenced groundwater supply source is a corridor along streams within a watershed that warrants scrutiny due to its proximity to the surface water intake and the intake's susceptibility to potential contaminants within that corridor. The ZPC is determined using a mathematical model that accounts for stream flows, gradient and area topography. The length of the zone of peripheral concern is based on an additional five-hour time-of-travel of water in the streams beyond the perimeter of the zone of critical concern, which creates a protection zone of ten hours above the water intake. The width of the zone of peripheral concern is one thousand feet measured horizontally from each bank of the principal stream and five hundred feet measured horizontally from each bank of the tributaries draining into the principal stream.

For groundwater supplies there are two types of SWPA delineations: 1) wellhead delineations and 2) conjunctive delineations, which are developed for supplies identified as groundwater under the direct influence of surface water, or GWUDIs. A wellhead protection area is determined to be the area contributing to the recharge of the groundwater source (well or spring), within a five year time of travel. A conjunctive delineation combines a wellhead protection area for the hydrogeologic recharge and a connected surface area contributing to the wellhead.

Information and maps of the WSDA, ZCC, ZPC and Wellhead Protection Area for this public water supply were provided to the utility and are attached to this report. See **Appendix A. Figures**. Other information about the WSDA is shown in **Table 5**.

Table 5. Watershed Delineation Information

Intake Name	WELL IN LIMESTONE MINE
Method of Delineation for Groundwater Sources	Conjunctive Delineation
Area of Wellhead Protection Area (Acres)	18,112
Intake Name	
Method of Delineation for Groundwater Sources	
Area of Wellhead Protection Area (Acres)	0
Intake Name	KILMER SPRING - SPRINGHOUSE
Method of Delineation for Groundwater Sources	Conjunctive Delineation
Area of Wellhead Protection Area (Acres)	14,507

7.0 PROTECTION TEAM

One important step in preparing a source water protection plan is to organize a source water protection team who will help develop and implement the plan. The legislative rule requires that water utilities make every effort to inform and engage the public, local government, local emergency planners, the local health department and affected residents at all levels of the development of the protection plan. WVBPH recommends that the water utility invite representatives from these organizations to join the protection team, which will ensure that they are given an opportunity to contribute in all aspects of source water protection plan development. Public water utilities should document their efforts to engage representatives and provide an explanation if any local stakeholder is unable to participate. In addition, other local stakeholders may be invited to participate on the team or contribute information to be considered. These individuals may be emergency response personnel, local decision makers, business and industry representatives, land owners (of land in the protection area), and additional concerned citizens.

The administrative contact for Martinsburg City Of is responsible for assembling the protection team and ensuring that members are provided the opportunity to contribute to the development of the plan. The acting members of the Protection Team are listed in **Table 6**.

The role of the protection team members will be to contribute information to the development of the source water protection plan, review draft plans and make recommendations to ensure accuracy and completeness, and when possible contribute to implementation and maintenance of the protection plan. The protection team members are chosen as trusted representatives of the community served by the water utility and may be designated to access confidential data that contains details about the local PSSCs. The input of the protection team will be carefully considered by the water utility when making final decisions relative to the documentation and implementation of the source water protection plan.

Martinsburg City Of will be responsible for updating the source water protection plan and rely upon input from the protection team and the public to better inform their decisions. To find out how you can become involved as a participant or contributor, visit the utility website or call the utility phone number, which are provided in **Table 6**.

Table 6. Protection Team Member and Contact Information

Name	Representing	Title	Phone Number	Email
Jim Kelly	Martinsburg City Of	Utilities Director		
Sam Blair	Martinsburg City Of	Chief Operator		
	Martinsburg City Of			
	Martinsburg City Of			
	Martinsburg City Of			
Mark Baldwin	Martinsburg City Of	City Manager		
Jeff Wilkerson	City of Martinsburg	Director of Public Works		
Kimberly Petrucci	City of Martinsburg	Engineer/Planning Director		
Date of First Protection Team Meeting:		Protection Team Meeting was held Thursday, December 3, 2015 at Martinsburg City Of. Meeting minutes attached in Appendix E.		
Efforts made to inform and engage local stakeholders (public, local government, local emergency planners, local health department, and affected residents) and explain absence of recommended stakeholders		A list of local stakeholders invited to join the Protection Team is provided in Appendix F-4. Reasons for their absence are explained therein. Potential members were invited via email by the Utilities Director. PUBLIC MEETING JUNE 24, 2019 5:00 PM.		

8.0 POTENTIAL SOURCES OF SIGNIFICANT CONTAMINATION

Source water protection plans should provide a complete and comprehensive list of the PSSCs contained within the ZCC, based upon information obtained from the WVBPH, working in cooperation with the West Virginia Department of Environmental Protection (WVDEP) and the West Virginia Division of Homeland Security and Emergency Management (WVDHSEM). A facility or activity is listed as a PSSC if it has the potential to release a contaminant that could potentially impact a nearby public water supply, and it does not necessarily indicate that any release has occurred.

The list of PSSCs located in the SWPA is organized into two types: 1) SWAP PSSCs, and 2) Regulated Data. SWAP PSSCs are those that have been collected and verified by the WVBPH SWAP program during previous field investigations to form source water assessment reports and source water protection plans. Regulated PSSCs are derived from federal and state regulated databases, and may include data from WVDEP, US Environmental Protection Agency, WVDHSEM, and from state data sources.

8.1. CONFIDENTIALITY OF PSSCS

A list of the PSSCs contained within the ZCC should be included in the source water protection plan. In the event of a chemical spill, release or other related emergency, information pertaining to the contaminant shall be immediately disseminated to any emergency responders reporting to the site. The designees for Martinsburg City Of are identified in the communication planning section of the source water protection plan.

PSSC data from some agencies (ex. WVDHSEM, WVDEP, etc.) may be restricted due to the sensitive nature of the data. Locational data will be provided to the public water utility. However, to obtain specific details regarding contaminants, (such as information included in Tier II reports), water utilities should contact the local emergency planning commission (LEPC) or agencies, directly. While the maps and lists of the PSSCs and regulated sites are to be maintained in a confidential manner, these data are provided in **Appendix A. Figures** for internal review and planning uses only.

8.2. LOCAL AND REGIONAL PSSCS

For the purposes of this source water protection plan, local PSSCs are those that are identified by local stakeholders in addition to the PSSCs lists distributed by the WVBPH and other agencies. Local stakeholders may identify local PSSCs for two main reasons. The first is that it is possible that threats exist from unregulated sources and land uses that have not already been inventoried and do not appear in regulated databases. For this reason each public water utility should investigate their protection area for local PSSCs. A PSSC inventory should identify all contaminant sources and land uses in the delineated ZCC. The second reason local PSSCs are identified is because public water utilities may consider expanding the PSSC inventory effort outside of the ZCC into the ZPC and WSDA if necessary to properly identify all threats that could impact the drinking water source. As the utility considers threats in the watershed they may consider collaborating with upstream communities to identify and manage regional PSSCs.

When conducting local and regional PSSC inventories, utilities should consider that some sources may be obvious like above ground storage tanks, landfills, livestock confinement areas, highway or railroad right of ways, and sewage treatment facilities. Others are harder to locate like abandoned cesspools, underground tanks, French

drains, dry wells, or old dumps and mines.

The Martinsburg City Of reviewed intake locations and the delineated SWPAs to verify the existence of PSSCs provided by the WVBPH and identify new PSSCs. If possible, locations of regulated sites within the SWPA were confirmed. Information on any new or updated PSSCs identified by Martinsburg City Of and not already appearing in datasets from the WVBPH can be found in **.Table 7**.

Table 7. Locally Identified potential Sources of Significant Contamination

Please see Appendix A to view this information.

8.3. PRIORITIZATION OF THREATS AND MANAGEMENT STRATEGIES

Once the utility has identified local concerns, they must develop a management plan that identifies specific activities that will be pursued by the public water utility in cooperation and concert with the WVBPH, local health departments, local emergency responders, LEPC and other agencies and organizations to protect the source water from contamination threats.

Depending on the number identified, it may not be feasible to develop management strategies for all of the PSSCs in the SWPA. The identified PSSCs can be prioritized by potential threat to water quality, proximity to the intake(s), and local concern. The highest priority PSSCs can be addressed first in the initial management plan. Lower ranked PSSCs can be addressed in the future as time and resources allow. To assess the threat to the source water, water systems should consider confidential information about each PSSC. This information may be obtained from state or local emergency planning agencies, Tier II reports, facility owner, facility groundwater protection plans, spill prevention response plans, results of field investigations, etc.

In addition to identifying and prioritizing PSSCs within the SWPA, local source water concerns may also focus on critical areas. For the purposes of this source water protection plan, a critical area is defined as an area that is identified by local stakeholders and can lie within or outside of the ZCC. Critical areas may contain one or more PSSCs which would require immediate response to address a potential incident that could impact the source water.

A list of these priority PSSCs was selected and ranked by the Martinsburg City Of Protection Team. This list reflects the concerns of this specific utility and may contain PSSCs not previously identified and not within the ZCC or ZPC.

Table 8 contains a description of why each critical area or PSSC is considered a threat and what management strategies the utility is either currently using or could use in the future to address each threat.

9.0 IMPLEMENTATION PLAN FOR MANAGEMENT STRATEGIES

Martinsburg City Of reviewed the recommended strategies listed in their previous source water protection plan, to consider if any of them should be adopted and incorporated in this updated plan. **Table 9** provides a brief statement summarizing the status of the recommended strategies. **Table 9** also lists strategies from a previous plan that are being incorporated in this plan update.

When considering source management strategies and education and outreach strategies, this utility has considered how and when the strategies will be implemented. The initial step in implementation is to establish responsible parties and timelines to implement the strategies. The water utility, working in conjunction with the Protection Team members, can determine the best process for completing activities within the projected time periods. Additional meetings may be needed during the initial effort to complete activities, after which the Protection Team should consider meeting annually to review and update the Source Water Protection Plan. A system of regular updates should be included in every implementation plan.

Proposed commitments and schedules may change but should be well documented and reported to the local stakeholders. If possible, utilities should include cost estimates for strategies to better plan for implementation and possible funding opportunities. Martinsburg City Of has developed an implementation plan for priority concerns listed in **Table 8**. The responsible team member, timeline, and potential cost of each strategy are presented in **Table 9**. Note: Because timelines may change, future plan updates should describe the status of each strategy and explain the lack of progress.

Table 8. Priority PSSCs or Critical Areas

PSSC or Critical Area	Priority Number	Reason for Concern
Interstates and Highways	1	Threat to source water due to the potential for accidental leaks and spills of vehicle fluids or hazardous freight; the area is underlain by karst terrain and contains losing streams which put ground water sources at a higher risk from surface water contaminant pathways.
Railroad Traffic	2	Threat to surface water and shallow groundwater aquifers due to the possibility of spills and derailments.
Industrial & Commercial Activities	3	Facilities such as gas stations, auto repair shops, and mining operations lie within the SWPA and pose a threat due to the potential for accidental spills, leaks, improper disposal of hazardous wastes or improperly managed stormwater runoff.
Sinkholes	4	When sinkholes occur a direct conduit from the surface to groundwater is created and natural soil filtration processes are often bypassed. Water quality threats are dependent on land uses.
Septic & Sewer Systems	5	The status of some older septic systems is unknown and failures and leaks are possible. Unlike other areas, in karst terrain a septic system tends to fail downwards and can therefore be difficult to detect. Centralized sewer is preferable but needs periodic assessment for leaks and collapse, which may be associated with sinkholes.

Table 9. Priority PSSC Management Strategies

PSSC or Critical Area	Management Activity	Responsible Protection Team Member	Status / Schedule	Comments	Estimated Cost
Railroad Traffic	Berkeley County OHSEM will work with LEPC and other local emergency responders to utilize the training materials provided by CSX railways (i.e., planning guides and in-person/on-site trainings, featuring a safety rail car) and their short line partners, which include Winchester and Western. OHSEM and emergency responders will also work with CSX to inquire about the Rail Respond program, which provides easy mobile access to critical information about what's traveling on CSX rails. Information regarding these programs is provided in Appendix F -7. Emergency personnel have also expressed interest in performing routine	Mr. Eddie Gochenour	Ongoing	The Berkeley County OHSEM Director has already started a dialogue with CSX to request training materials and use of the CSX training car within the next two years.	Staff time and effort for attending meetings and drills

Table 9. Priority PSSC Management Strategies

PSSC or Critical Area	Management Activity	Responsible Protection Team Member	Status / Schedule	Comments	Estimated Cost
	Emergency Response drills for Highway and Railroad spills. The City will work with WV DEP or BPH to perform a Hazmat Re-route request to prevent specific potential contaminants from being transported through system source water protection areas. These entities, along with OHSEM, will work with railroad companies to discuss safety measures, emergency plans and inspection routine(s).				
Railroad Traffic	Work with the railroad company to create an emergency response plan in case a hazardous materials spill would occur to prevent or cleanup contamination of the source water.	n/a	Ongoing		
Industrial & Commercial Activities	The City will request Groundwater Protection Plans (GPPs) and/or stormwater management plans from WV DEP for commercial facilities located within the SWPAs. From these the utility will investigate what (if any) preventative pollution measures are already in place for these facilities. This will permit the utility to better understand protection strategies already in place at these facilities and more accurately determine the threat posed by specific facilities. The City will educate facility owners on the potential threat of sinkhole development caused by improper stormwater management. The City will distribute site-specific Best Management Practice lists, along with advanced hazardous materials containment options to facilities (which will include vaulted Above ground Storage Tanks) on an as-needed basis.	The City of Martinsburg	Ongoing	Status / Schedule subject to change based on perceived need of SWP education. Education outreach and voluntary strategies such as these are the most effective means of source water protection for this hazard at this time, as more restrictive localized regulations cannot be implemented throughout the entirety of the Martinsburg SWPAs.	Staff time and effort for the distribution of BMP information to industrial and commercial facilities within the SWPA. Note: Currently ongoing within corporate boundaries through their MS4 program

Table 9. Priority PSSC Management Strategies

PSSC or Critical Area	Management Activity	Responsible Protection Team Member	Status / Schedule	Comments	Estimated Cost
Interstates and Highways	<p>The Berkeley County Public Service Water District and City of Martinsburg, in conjunction with Berkeley County OHSEM, will work with the Department of Transportation (DOT) to explore opportunities to create and manage pre-stocked emergency spill response kits at state operated facilities along highway and railroad corridors (including the facility at Tabler Station Road). Alternative plans will be arranged should an agreement not be reached by these entities. The county currently possesses 25 bags of absorbent on hand with the possibility of acquiring up to 50 additional bags from neighboring emergency response entities. These entities may contact Frederick County, VA for additional emergency response & coordination of emergency equipment. OHSEM will work with LEPC coordinators and other emergency personnel to ensure that the City receives timely notification in the event of highway or other roadway spill within SWPAs. The City, BCPSWD and OHSEM will work with the DOT to explore traffic regulation options for key highway corridors, and revisit postings of source water protection signs along these roadways.</p>	Mr. Eddie Gochenour	Ongoing		Time and effort to set up meetings to coordinate

Table 9. Priority PSSC Management Strategies

PSSC or Critical Area	Management Activity	Responsible Protection Team Member	Status / Schedule	Comments	Estimated Cost
Interstates and Highways	Participate in communications and incident drills with emergency responders to respond quickly to any spills and initiate cleanup activities. In the event that contaminants do find their way into the public water supplies, monitor and react according to standard operating procedures. Erect signs as described in Education and Outreach Strategies. Continue to coordinate with emergency officials to be better prepared in the event of a hazardous spill.	n/a	Ongoing	Participated in Local Table Top Exercises	
Septic & Sewer Systems	The City will work with Public Sewer to develop a leak detection protocol and recommend areas which would benefit from incorporation into the public sewer system, as development occurs. The City will work with the Health Department, to the degree feasible, to encourage homeowners to maintain and routinely inspect their septic systems or replace old or failing septic systems with Best Available Technologies (BATs).	City of Martinsburg	Ongoing	The City of Martinsburg routinely places customers on their sanitary sewer system if they are in their service area. We have three system that will be placed upon our sewer system this year.	Staff time and effort to work with Health Department in providing septic owners within SWPA information regarding septic systems.

Table 9. Priority PSSC Management Strategies

PSSC or Critical Area	Management Activity	Responsible Protection Team Member	Status / Schedule	Comments	Estimated Cost
Sinkholes	Region 9 will be researching available funding opportunities to create a SWPA-specific sinkhole management program throughout Berkeley County. Currently, sinkholes that develop in the County are the responsibility of private land owners and other similar entities (including homeowner's associations). The goal of the sinkhole management program will be to assign responsibility and repair to relevant parties, encourage routine investigation along key travel corridors and provide advice and funding opportunities for sinkholes that develop on lands within the SWPA. Implementation of this task will take many years and cooperation from multiple public and private entities. The recommended sinkhole management plan is broadly based upon the Carroll County, MD sinkhole management plan. Meanwhile, the City will re-evaluate the previously delineated "Zone of Influence" with ESSROC mining company.	(1) Region 9 (2) City of Martinsburg	Ongoing	(1) Currently, there is not a specific government entity that oversees sinkhole mitigation and repair once lands have been developed in Berkeley County. The Berkeley County Planning Department only has regulations in place to address existing sinkholes on lands that have not been developed	Staff time and effort to work in cooperation with Berkeley County for identification of sinkholes within the SWPA.
Sinkholes	Consider filling in the sinkhole following WVDEP's Sinkhole Mitigation Guidance document, which can be found at http://www.dep.wv.gov/WWE/Programs/gw/Documents/9026_Sinkhole_Mitigation_Guidance_Document_A2005.pdf . If applicable, seek state and/or local permits prior to filling sinkholes.	n/a	Not Started		

10.0 EDUCATION AND OUTREACH STRATEGIES

The goal of education and outreach is to raise awareness of the need to protect drinking water supplies and build support for implementation strategies. Education and outreach activities will also ensure that affected citizens and other local stakeholders are kept informed and provided an opportunity to contribute to the development of the source water protection plan. Martinsburg City Of has created an Education and Outreach plan that describes activities it has either already implemented or could implement in the future to keep the local community involved in protecting their source of drinking water. This information can be found in **Table 10**.

Table 10. Education and Outreach Implementation Plan

Education and Outreach Strategy	Description of Activity	Responsible Protection Team Member	Status / Schedule	Comments	Estimated Cost
Display Information	(1) Include informational materials (i.e., brochures, maps, etc.) in County & City government offices and other public places (i.e., local fairs). Work with DOT for protection area sign expansion/average. (2) Host non-confidential SWPP online for public review and comment.	City of Martinsburg	Ongoing	Mailing of Annual CCR Reports. Provide pamphlets on pollution prevention at various local events	Printing costs and moderate employee time.
General Information Dissemination	The City will include educational information on the following topics on their website for public use: source water protection, water conservation, household hazardous materials disposal, pharmaceuticals disposal, observing and reporting spills/leaks.	City of Martinsburg	Ongoing	Provide Annual CCR through mailings and Website. Distribute pamphlets regarding pollution prevention at various local events. Conduct rain barrel workshops. conduct several stream clean ups each year. Take Watershed Demonstration Table around to local schools. Contribute \$10,000 annually to Audubon Society for training in local schools.	Printing costs and moderate employee time.
Clean Up Events	Coordinate with local Clean Up efforts and publicize projects. Work closely with Watershed Associations in this regard.	City of Martinsburg	Ongoing	Daily Street sweeping, 4 Times per year on stream clean up. Annual Spring Clean Up.	Employee time and equipment.
BMP Lists	Distribute lists of industry specific BMPs to the owners of (1) Gas Stations, (2) Car Repair Shops, (3) Agricultural Lands/Facilities within the SWPA (Future Farmers, etc.). Provide SWPP education materials.	City of Martinsburg	Not Started		Printing costs and moderate employee time.
Early Education	Work with area schools to include source water protection information into the curriculum, or present information at assemblies or in classroom events (e.g., environmental science class). Consider implementing in conjunction with City and County MS-4 requirements.	City of Martinsburg	Ongoing	Conduct Watershed Demonstration Table. Provide funding for training at local schools on pollution awareness.	Moderate employee time.

11.0 CONTINGENCY PLAN

The goal of contingency planning is to identify and document how the utility will prepare for and respond to any drinking water shortages or emergencies that may occur due to short and long term water interruption, or incidents of spill or contamination. During contingency planning, utilities should examine their capacity to protect their intake, treatment, and distribution system from contamination. They should also review their ability to use alternative sources and minimize water loss, as well as their ability to operate during power outages. In addition, utilities should report the feasibility of establishing an early warning monitoring system and meeting future water demands.

Isolating or diverting any possible contaminant from the intake for a public water system is an important strategy in the event of an emergency. One commonly used method of diverting contaminants from an intake is establishing booms around the intake. This can be effective, but only for contaminants that float on the surface of the water. Alternatively, utilities can choose to pump floating contaminants from the water or chemically neutralize the contaminant before it enters the treatment facility.

Public utilities using surface sources should be able to close the intake by one means or another. However, depending upon the system, methods for doing so could vary greatly and include closing valves, lowering hatches or gates, raising the intake piping out of the water, or shutting down pumps. Systems should have plans in place in advance as to the best method to protect the intake and treatment facility. Utilities may benefit from turning off pumps and, if possible, closing the intake opening to prevent contaminants from entering the piping leading to the pumps. Utilities should also have a plan in place to sample raw water to identify the movement of a contaminant plume and allow for maximum pumping time before shutting down an intake (See Early Warning Monitoring System). The amount of time that an intake can remain closed depends on the water infrastructure and should be determined by the utility before an emergency occurs. The longer an intake can remain closed in such a case, the better.

Raw and treated water storage capacity also becomes extremely important in the event of such an emergency. Storage capacity can directly determine how effectively a water system can respond to a contamination event and how long an intake can remain closed. Information regarding the water shortage response capability of Martinsburg City Of is provided in **Table 11**.

11.1. RESPONSE NETWORKS AND COMMUNICATION

PSSC data from some agencies (ex. WVDHSEM, WVDEP, etc.) may be restricted due to the sensitive nature of the data. Locational data will be provided to the public water utility. However, to obtain specific details regarding contaminants, (such as information included in Tier II reports), water utilities should contact the local emergency planning commission (LEPC) or agencies, directly. While the maps and lists of the PSSCs and regulated sites are to be maintained in a confidential manner, these data are provided in **Appendix A. Figures** for internal review and planning uses only.

Table 11. Martinsburg City Of Water Shortage Response Capacity

Can the water utility isolate or divert contamination from the intake and groundwater supply?	Yes
Describe the results of an examination and analysis of the public water system's ability to isolate or divert contaminated waters from its surface water intake or groundwater supply:	CONFIDENTIAL
Describe the results of an examination and analysis of the public water system's existing ability to switch to an alternative water source or intake in the event of contamination of its primary water source:	CONFIDENTIAL
Is the Utility able to close the water intake in the event of a spill?	Yes
How long can the Utility keep the intake closed?	N/A
Describe the process to close the intake:	CONFIDENTIAL
Describe the treated water system's storage capacity of the water system:	Boyd Orchard: 1,500,000; Western Avenue: 200,000; Red Hill: 2,000,000; Stuckey Court: 260,000
Gallons of storage capacity (raw water)	0
Gallons of storage capacity (treated water)	0
Is the Utility a member of WWRWA Emergency Response Team?:	Yes
Is the Utility a member of WV-WARN?:	Yes
List other agreements to provide receive assistance in case of emergency:	Interconnection with the Berkeley County Public Service Water District

11.2. OPERATION DURING LOSS OF POWER

Martinsburg City Of analyzed its ability to operate effectively during a loss of power. This involved ensuring a means to supply water through treatment, storage, and distribution without creating a public health emergency. Information regarding the utility's capacity for operation during power outages is summarized in **Table 12**.

Table 12. Generator Capacity

Can you connect to a generator at the intake/wellhead?:	No
Please provide a scenario that best describes your system:	
What do you have (KW)?	
What do you need (KW)?	
Can you connect to a generator at the treatment facility?:	No
Please provide a scenario that best describes your system:	
What do you have (KW)?	
What do you need (KW)?	

Can you connect to a generator at the distribution system?:	Yes		
Please provide a scenario that best describes your system:	The City of Martinsburg maintains two water treatment facilities with one having dual power feed from the utility company. Two of the offsite storage tanks have stand by generators.		
What do you have (KW)?	CONFIDENTIAL		
What do you need (KW)?	CONFIDENTIAL		
Does the utility have fuel on hand for generator?:	CONFIDENTIAL		
Hours:			
Gallons:			
Provide a list of suppliers and alternate suppliers that could provide fuel in the event of an emergency:		Supplier	Phone Number
	Fuel	n/a	
Does the utility test the generator(s) periodically?:	Yes		
Does the utility routinely maintain the generator(s)?:	Yes		
If the Utility does not have generator or the ability to connect to a generator, describe plans to respond to power outages:	CONFIDENTIAL		

11.3. FUTURE WATER SUPPLY NEEDS

When planning for potential emergencies and developing contingency plans, a utility needs to not only consider their current demands for treated water but also account for likely future needs. This could mean expanding current intake sources or developing new ones in the near future. This can be an expensive and time consuming process, and any water utility should take this into account when determining emergency preparedness. Martinsburg City Of has analyzed its ability to meet future water demands at current capacity, and this information is included in **Table 13**.

Table 13. Future Water Supply Needs for Martinsburg City Of

Is the Utility able to meet water demands with the current capacity for the next five years?	Yes
Explain how you plan to do so:	n/a

11.4. WATER LOSS CALCULATION

In any public water system there is a certain percentage of the total treated water that does not reach the customer. Some of this water is used in treatment plant processes such as back washing filters or flushing piping, but there is usually at least a small percentage that goes unaccounted for. To measure and report on this unaccounted for water, a public utility must use the method described in the Public Service Commission's rule, Rules for the Government of Water Utilities, 150CSR7, section 5.6. The rule defines unaccounted for water as the volume of

water introduced into the distribution system less all metered usage and all known non-metered usage which can be estimated with reasonable accuracy.

To further clarify, metered usages are most often those that are distributed to customers. Non-metered usages that are being estimated include usage by fire departments for fires or training, un-metered bulk sells, flushing to maintain the distribution system, and water used for backwashing filters and cleaning settling basins. By totaling the known metered and non-metered uses the utility calculates unaccounted for water. Note: To complete annual reports submitted to the PSC, utilities typically account for known water main breaks by estimating the amount of water lost. However, for the purposes of the source water protection plan, any water lost due to leaks, even if the system is aware of how much water is lost at a main break, is not considered a use. Water lost through leaks and main breaks cannot be controlled during a water shortages or other emergencies and should be included in the calculation of percentage of water loss for purposes of the source water protection plan. The data in **Table 13** is taken from the most recently submitted Martinsburg City Of PSC Annual Report.

Table 14. Water Loss Information

Water pumped - Total Gallons:		825,668,479
*Water purchased - Total Gallons:		0
Total gallons of water pumped and purchased:		825,668,479
Total gallons of water loss accounted for except main leaks:	Mains, plaint, filters, flushing, etc - Total Gallons:	25,000,000
	Fire department - Total Gallons:	20,000,000
	Back washing - Total Gallons:	0
	Blowing settling basins - Total Gallons:	0
Total Accounted for Water Loss		45,000,000
Unaccounted for lost water - Total Gallons:		46,305,479
Water sold - Gallons:		619,363,000
Water Lost From Main Leaks:		115,000,000
Total Gallons of Unaccounted for Lost Water and Water Lost from Main Leaks:		161,305,479
Total percent unaccounted for water		20
Describe the measures to correct water loss greater than 15%:	In addition to actively repairing leaks throughout the system, the City of Martinsburg also routinely inspects the ESSROC mining company property for signs of water main breaks The utility is not always notified when a leak occurs on the ESSROC property. These otherwise unreported leaks could be a major contributing factor to the percent total water loss the utility experiences. The City of Martinsburg could install meter pits to section the distribution system into different zones. This would allow the utility to monitor flow by systematically closing valves in designated areas and inspecting the system's master meter to note when flow decreases (See Appendix F-6. Engineering for more information).	

11.5. EARLY WARNING MONITORING SYSTEM

Public water utilities are required to provide an examination of the technical and economic feasibility of implementing an early warning monitoring system. Implementing an early warning monitoring system may be approached in

different ways depending upon the water utility's resources and threats to the source water. A utility may install a continuous monitoring system that will provide real time information regarding water quality conditions. This would require utilities to analyze the data to establish what condition is indicative of a contamination event. Continuous monitoring will provide results for a predetermined set of parameters. The more parameters that are being monitored, the more sophisticated the monitoring equipment will need to be. When establishing a continuous monitoring system, the utility should consider the logistics of placing and maintaining the equipment, and receiving output data from the equipment.

Alternately, or in addition, a utility may also pull periodic grab samples on a regular basis, or in case of a reported incident. The grab samples may be analyzed for specific contaminants. A utility should examine their PSSCs to determine what chemical contaminants could pose a threat to the water source. If possible, the utility should plan in advance how those contaminants will be detected. Consideration should be given to where samples will be collected, the preservations and hold times for samples, available laboratories to analyze samples, and costs associated with the sampling event. Regardless of the type of monitoring (continuous or grab), utilities should collect samples for their source throughout the year to better understand the baseline water quality conditions and natural seasonal fluctuations. Establishing a baseline will help determine if changes in the water quality are indicative of a contamination event and inform the needed response.

Every utility should establish a system or process for receiving or detecting chemical threats with sufficient time to respond to protect the treatment facility and public health. All approaches to receiving and responding to an early warning should incorporate communication with facility owners and operators that pose a threat to the water quality, with state and local emergency response agencies, with surrounding water utilities, and with the public. Communication plays an important role in knowing how to interpret data and how to respond.

Martinsburg City Of has analyzed its ability to monitor for and detect potential contaminants that could impact its source water. Information regarding this utility's early warning monitoring system capabilities is provided in **Table 15** and in **Appendix B**.

Table 15. Early Warning Monitoring System Capabilities

Does your system currently receive spill notifications from a state agency, neighboring water system, local emergency responders, or other facilities?	Yes
From whom do you receive notices?	Yes; notifications are received from the West Virginia Department of Environmental Protection and Local Fire and Police Stations. The Department of Health and Human Resources Bureau for Public Health also sends out emails regarding spills reported throughout the County. OHSEM will coordinate with system representatives to notify them of spills within or in proximity to SWPAs.
Are you aware of any facilities, land uses, or critical areas within your protection areas where chemical contaminants could be released or spilled?	Yes
Are you prepared to detect potential contaminants if notified of a spill?	Yes

List laboratories (and contact information) on whom you would rely to analyze water samples in case of a reported spill.	Laboratories	
	Name	Phone Number
	CONFIDENTIAL	
Do you have an understanding of baseline or normal conditions for your source water quality that accounts for seasonal fluctuations?	Yes	
Does your utility (aside from turbidity monitoring) currently monitor your raw water through continuous monitoring at the surface water intake or groundwater source to detect changes in water quality that could indicate contamination?	Yes	
Does your utility collect periodic grab samples (ex. possess reserved sample bottles, on-call laboratory services, and trained personnel) in response to a spill notification or to investigate changes in water quality that could indicate contamination?	No	
Please explain:		
Provide or estimate the capital and O&M costs for your current or proposed early warning system or upgraded system.	Capital Cost:	58,618
	O&M Cost:	500
Do you serve more than 100,000 customers?	No	
Does your system currently receive spill notifications from a state agency, neighboring water system, local emergency responders, or other facilities?	Yes	
Are you prepared to detect potential contaminants if notified of a spill?	Yes	
Please describe the methods you use to monitor at the same technical levels utilized by ORSANCO:		

12.0 SINGLE SOURCE FEASIBILITY STUDY

If a public water utility's water supply plant is served by a single-source intake to a surface water source of supply or a surface water influenced source of supply, the submitted source water protection plan must also include an examination and analysis of the technical and economic feasibility of alternative sources of water to provide continued safe and reliable public water service in the event that its primary source of supply is detrimentally affected by contamination, release, spill event or other reason. These alternatives may include a secondary intake, two days of additional raw or treated water storage, an interconnection with neighboring systems, or other options identified on a local level. Note: a suitable secondary intake would draw water supplies from a substantially different location or water source.

To accomplish this requirement, utilities should examine all existing or possible alternatives and rank them by their technical, economic, and environmental feasibility. To have a consistent and complete method for ranking alternatives, WVBPH has developed a feasibility study guide. This guide provides several criteria to consider for each category, organized in a Feasibility Study Matrix. By completing the Feasibility Study Matrix, utilities will demonstrate the process used to examine the feasibility of each alternative and document scores that compare the alternatives. The Feasibility Study matrix and summary of the results are presented in an alternatives feasibility study attached as **Appendix D**.

13.0 COMMUNICATION PLAN

Martinsburg City Of has also developed a Communication Plan that documents the manner in which the public water utility, working in concert with state and local emergency response agencies, shall notify the local health agencies and the public of the initial spill or contamination event and provide updated information related to any contamination or impairment of the system's drinking water supply. The initial notification to the public will occur in any event no later than thirty minutes after the public water system becomes aware of the spill, release, or potential contamination of the public water system. A copy of the source water protection plan and the Communication Plan has been provided to the local fire department. Martinsburg City Of will update the Communication Plan as needed to ensure contact information is up to date.

Procedures should be in place to effectively react to the kinds of catastrophic spills that can reasonably be predicted at the source location or within the SWPA. The chain-of-command, notification procedures and response actions should be known by all water system employees.

The WVBPH has developed a recommended communication plan template that provides a tiered incident communication process to provide a universal system of alert levels to utilities and water system managers. The comprehensive Communication Plan for Martinsburg City Of is attached as **Appendix C** for internal review and planning purposes only.

The West Virginia Department of Environmental Protection is capable of providing expertise and assistance related to prevention, containment, and clean-up of chemical spills. The West Virginia Department of Environmental Protection Emergency Response 24-hour Phone is 1-800-642-3074. The West Virginia Department of Environmental Protection also operates an upstream distance estimator that can be used to determine the distance from a spill site to the closest public water supply surface water intake.

14.0 EMERGENCY RESPONSE

A public water utility must be prepared for any number of emergency scenarios and events that would require immediate response. It is imperative that information about key contacts, emergency services, and downstream water systems be posted and readily available in the event of an emergency. Elements of this source water protection plan, such as the contingency planning and communication plan, may contain similar information to the utility's emergency response plan. However, the emergency response plan is to be kept confidential and is not included in this source water protection plan. An Emergency Short Form is included in **Appendix C** to support the Communicate Plan by providing quick access to important information about emergency response and are to be used for internal review and planning purposes only.

15.0 CONCLUSION

This report represents a detailed explanation of the required elements of Martinsburg City Of's Source Water Protection Plan. Any supporting documentation or other materials that the utility considers relevant to their plan can be found in **Appendix E**.

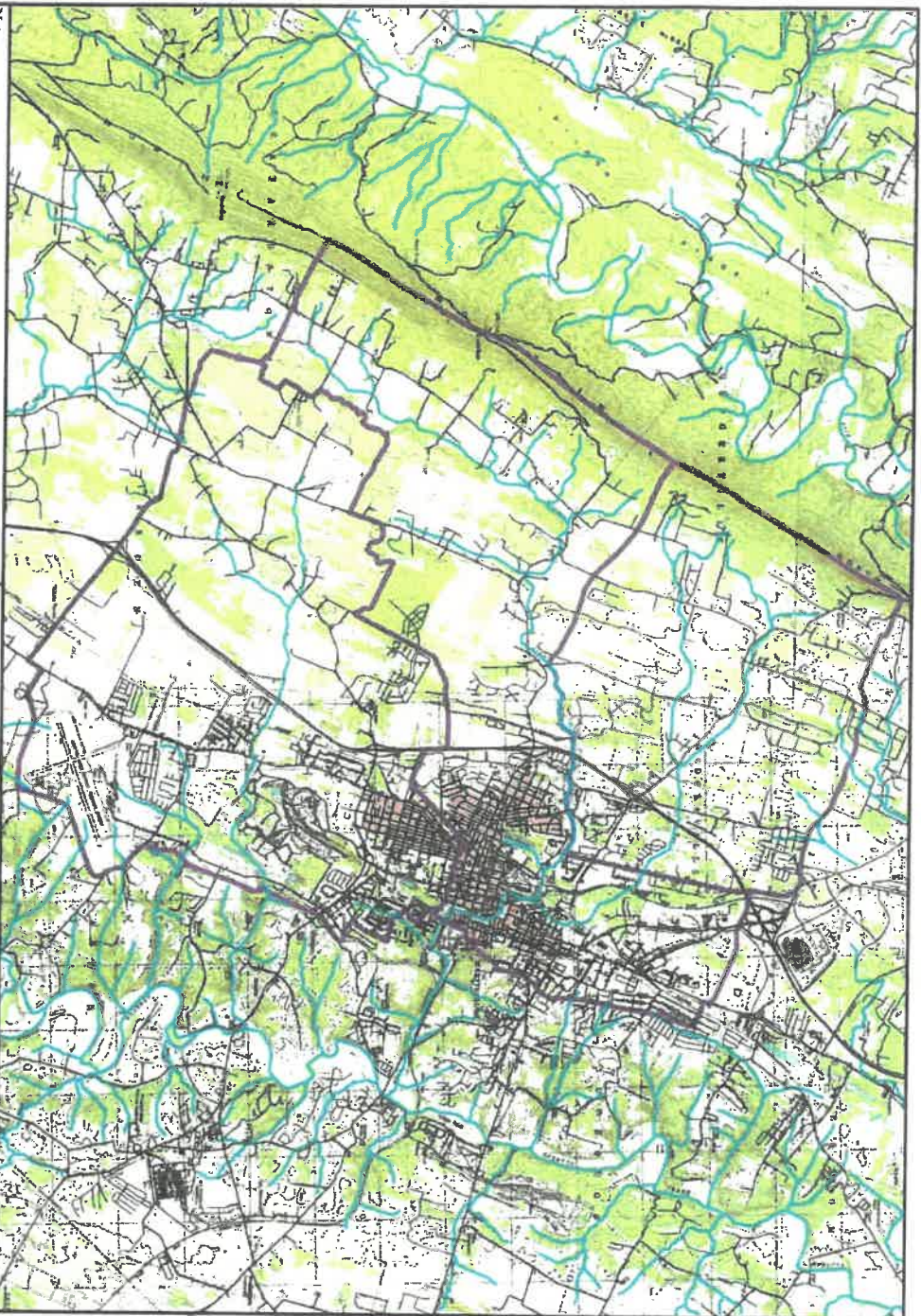
This source water protection plan is intended to help prepare community public water systems all over West Virginia to properly handle any emergencies that might compromise the quality of the system's source water supply. It is imperative that this plan is updated as often as necessary to reflect the changing circumstances within the water system. The protection team should continue to meet regularly and continue to engage the public whenever possible. Communities taking local responsibility for the quality of their source water is the most effective way to prevent contamination and protect a water system against contaminated drinking water. Community cooperation, sufficient preparation, and accurate monitoring are all critical components of this source water protection plan, and a multi-faceted approach is the only way to ensure that a system is as protected as possible against source water degradation.

APPENDIX A. FIGURES AND TABLES

Water Source / Delineation

Ground Water Sources

Intake: WL001



EXPLANATION:

Road

Stream

Martinsburg Wellhead Protection Area

5,750 2,875 0 5,750 11,500 Feet

Scale:

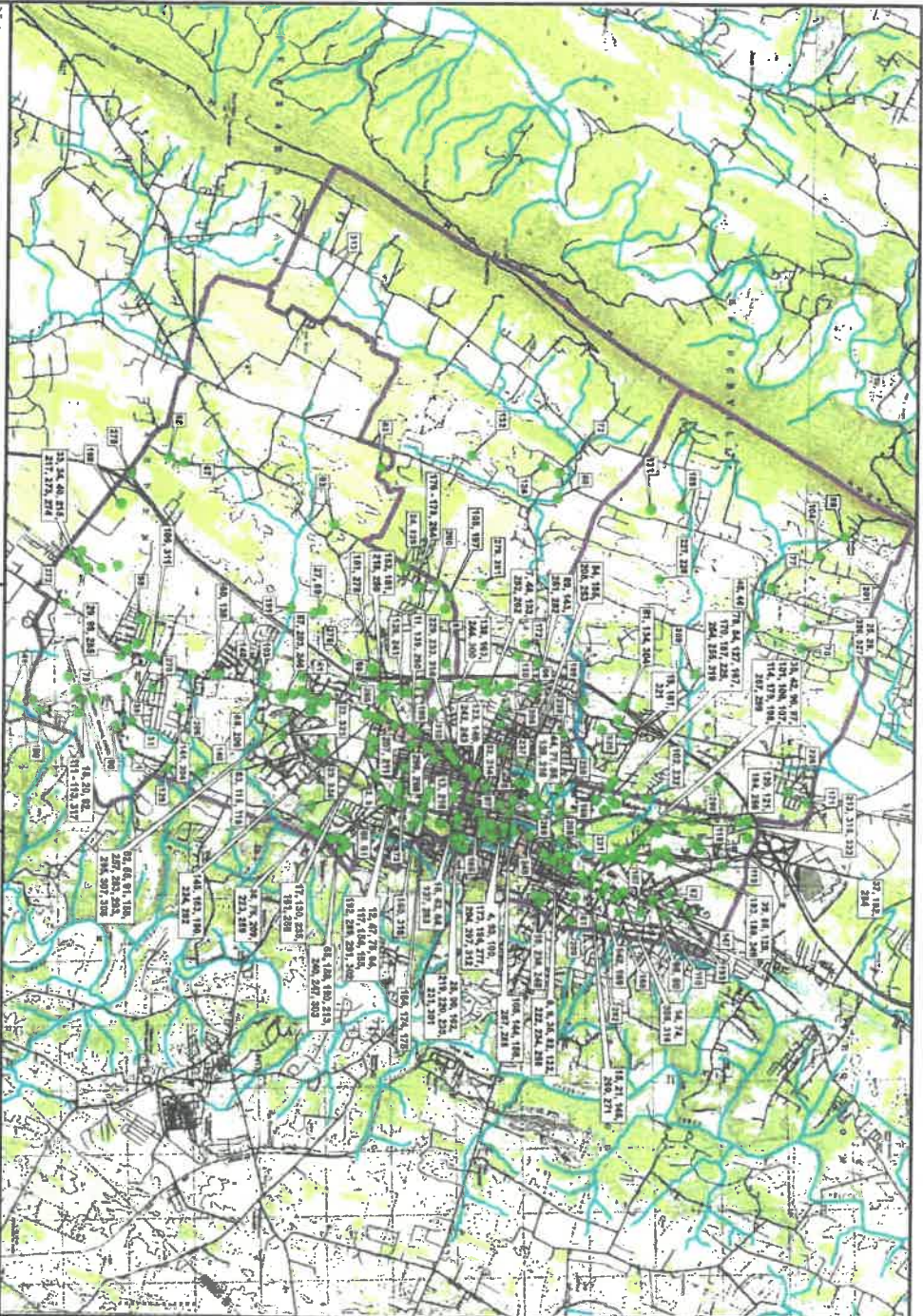
- Notes:
1. Source Water Protection Area delineation provided by West Virginia Bureau for Public Health.
 2. Stream data, road data and topographic base map from National Resource Conservation Service.
 3. This figure is integral to an accompanying protection plan and should only be used in that context.
 4. This figure is not intended to be used for boundary verification or survey control purposes.

Client:
**WEST VIRGINIA EASTERN
 PANHANDLE REGIONAL
 PLANNING AND DEVELOPMENT
 COUNCIL, REGION 9**
 ALWI PROJECT NO. WVT5319

Project:
**Martinsburg Source Water
 Protection Plan**
 Berkeley County, West Virginia







Figure 1:
 Wellhead
 Protection Area
 December 21, 2015



EXPLANATION:

Public PSSC Labels Correspond to Table 1)

-  Public PSSC Labels Correspond to Table 1)
-  Road
-  Stream
-  Martinsburg Wellhead Protection Area

Scale:
 5,750 2,875 0 5,750 11,500 Feet

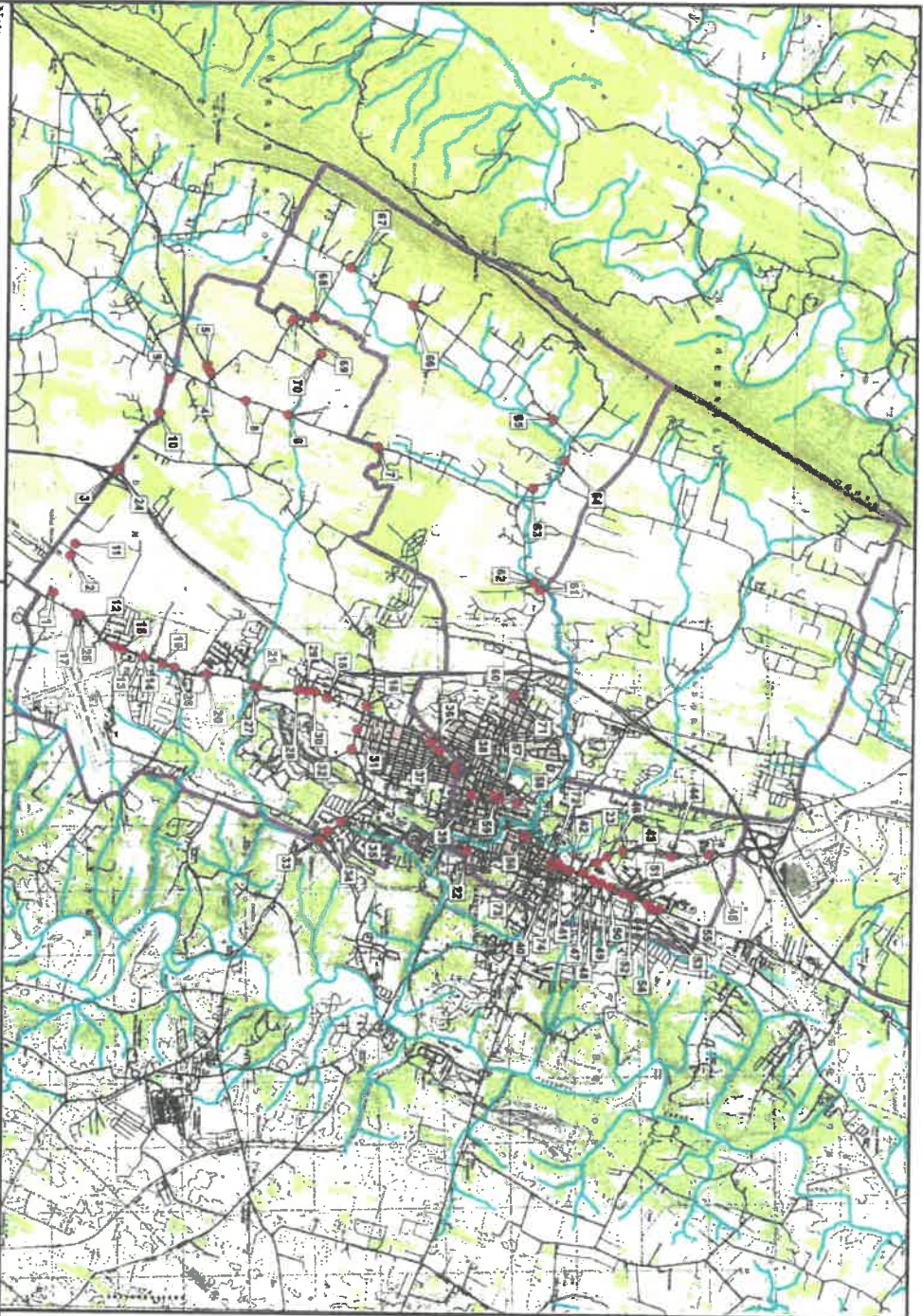
- Notes:
1. Source Water Protection Area delineation provided by West Virginia Bureau for Public Health.
 2. Stream data, road data and topographic base map from National Resource Conservation Service.
 3. See report for public PSSC data source.
 4. This figure is integral to an accompanying protection plan and should only be used in that context.
 5. This figure is not intended to be used for boundary verification or survey control purposes.

Client:
 WEST VIRGINIA EASTERN
 PANHANDLE REGIONAL
 PLANNING AND DEVELOPMENT
 COUNCIL, REGION 9
 ALWI PROJECT NO. WVT9S19

Project:
 Martinsburg Source Water
 Protection Plan
 Berkeley County, West Virginia



Figure 2:
 Public Potential
 Significant Source of
 Contamination in
 Wellhead Protection Area
 December 21, 2015



- Notes:
1. Source Water Protection Area definition provided by West Virginia Bureau for Public Health.
 2. Stream data, road data and topographic base map from National Resource Conservation Service.
 3. ALWI Identified PSSC verified by ALWI field reconnaissance.
 4. This figure is integral to an accompanying protection plan and should only be used in that context.
 5. This figure is not intended to be used for boundary verification or survey control purposes.

Client:
**WEST VIRGINIA EASTERN
 PANHANDLE REGIONAL
 PLANNING AND DEVELOPMENT
 COUNCIL, REGION 9**

ALWI PROJECT NO. WV75319

Project:
**Martinsburg Source Water
 Protection Plan**
 Berkeley County, West Virginia



Figure 3:
 ALWI Identified Potential
 Significant Source of
 Contamination in
 Wellhead Protection Area
 December 21, 2015

EXPLANATION:

- Locally Identified PSSC (Labels Correspond to Table 2)
- Road
- Stream
- Martinsburg Wellhead Protection Area

Scale:
 5,750 2,875 0 5,750 11,500 Feet

N

PSSC Lists

APPENDIX B. EARLY WARNING MONITORING SYSTEM FORMS

Select and Attach the Appropriate Form for Your System

Form A - Complete if you currently have an early warning monitoring system for a groundwater source.

Form B - Complete if you currently have an early warning monitoring system installed for a surface water source.

Form C - If you do not currently have an early warning monitoring system installed for a surface water intake or are planning to upgrade or replace your current system, complete this form.

Form D - If you do not currently have an early warning monitoring system installed for a groundwater source or are planning to upgrade or replace your current system, complete this form.

Note: You may need to fill out and attach more than one form to your Protection Plan, depending on your current situation.

Appendix B - Form C Ground Monitoring Worksheet

Describe the type of early warning detection equipment installed:
CONFIDENTIAL
How many monitoring (sentinel) wells are established?:
None. Due to the complex hydrogeologic setting and widespread geospatial position of PSSCs, there is no guarantee
What is the expected rate of travel of a contaminant through the groundwater system?:
Travel times are highly dependent on the 1.) Location of the contaminant source with respect to System sources, 2.)
Provide the distance from the contaminant source to the monitoring wells:
CONFIDENTIAL
What is the distance of the monitoring equipment to the well head?:
CONFIDENTIAL
Describe the mechanism to store the data and an institutional framework to analyze and interpret the data:
CONFIDENTIAL
Describe the process to determine the credibility of a contamination event if a change is detected in the quality of source water:
If a notable change is detected in water quality for a parameter the operator on shift shall confirm.

APPENDIX C. COMMUNICATION PLAN TEMPLATE

Martinsburg City Of

PWSID: WV3300212

CONFIDENTIAL

Authorizing Signature: _____

Contact Phone Number: _____

Contact Email Address: _____

Plan Developed On: _____

ACKNOWLEDGMENTS:

This plan was developed by [insert name, title of person completing plan, and who they work for] to meet certain requirements of the Source Water and Assessment Protection Program (SWAPP) and the Wellhead Protection Program (WHPP) for the State of West Virginia, as directed by the federal Safe Drinking Water Act (SDWA) and state laws and regulations.

INTRODUCTION

Legislative Rule 64CSR3 requires public water systems to develop a Communication Plan that documents how public water suppliers, working in concert with state and local emergency response agencies, shall notify state and local health agencies and the public in the event of a spill or contamination event that poses a potential threat to public health and safety. The plan must indicate how the public water supplier will provide updated information, with an initial notification to the public to occur no later than thirty minutes after the supplier becomes aware that the spill, release or potential contamination of the public water system poses a potential threat to public health and safety.

The public water system has responsibility to communicate to the public, as well as to state and local health agencies. This plan is intended to comply with the requirements of Legislative Rule 64CSR3, and other state and federal regulations.

TIERS REPORTING SYSTEM

This water system has elected to use the Tiered Incident / Event Reporting System (TIERS) for communicating with the public, agencies, the media, and other entities in the event of a spill or other incident that may threaten water quality. TIERS provides a multi-level notification framework, which escalates the communicated threat level commensurate with the drinking water system risks associated with a particular contamination incident or event. TIERS also includes a procedural flow chart illustrating key incident response communication functions and how they interface with overall event response / incident management actions. Finally, TIERS identifies the roles and responsibilities for key people involved in risk response, public notification, news media and other communication.

TIERS provides an easy-to-remember five-tiered **A-B-C-D-E** risk-based incident response communication format, as described below. Table 1 provides also associated risk levels.

A = Announcement. The water system is issuing an announcement to the public and public agencies about an incident or event that may pose a threat to water quality. Additional information will be provided as it becomes available. As always, if water system customers notice anything unusual about their water, they should contact the water system.

B = Boil Water Advisory. A boil water advisory has been issued by the water system. Customers may use the water for showering, bathing, and other non-potable uses, but should boil water used for drinking or cooking.

C = Cannot Drink. The water system asks that users not drink or cook with the water at this time. Non-potable uses, such as showering, bathing, cleaning, and outdoor uses are not affected.

D = Do Not Use. An incident or event has occurred affecting nearly all uses of the water. Do not use the water for drinking, cooking, showering, bathing, cleaning, or other tasks where water can come in contact with your skin. Water can be used for flushing commodes and fire protection.

E = Emergency. Water cannot be used for any reason.

Tier	Tier Category	Risk Level	Tier Summary
A	Announcement	Low	The water system is issuing an announcement to the public and public agencies about an incident or event that could pose a threat to public health and safety. Additional information will be provided as it becomes available.
B	Boil Water Advisory	Moderate	Water system users are advised to boil any water to be used for drinking or cooking, due to possible microbial contamination. The system operator will notify users when the boil water advisory is lifted.
C	Cannot Drink	High	System users should not drink or cook with the water until further notice. The water can still be used for showering, bathing, cleaning, and other tasks.
D	Do Not Use	Very High	The water should only be used for flushing commodes and fire protection until further notice. More information on this notice will be provided as soon as it is available.
E	Emergency	Extremely High	The water should not be used for any purpose until further notice. More information on this notice will be provided as soon as it is available.

COMMUNICATION TEAM

The Communication Team for the water system is listed in the table below, along with key roles. In the event of a spill or other incident that may affect water quality, the water system spokesperson will provide initial information, until the team assembles (if necessary) to provide follow-up communication

Water system communication team members, organizations, and roles.

Team Member Name	Organization	Phone	Email
Jim Kelly	Martinsburg City Of		
Sam Blair	Martinsburg City Of		

In the event of a spill, release, or other incident that may threaten water quality, members of the team who are available will coordinate with the management staff of the local water supplier to:

- Collect information needed to investigate, analyze, and characterize the incident/event
- Provide information to the management staff, so they can decide how to respond
- Assist the management staff in handling event response and communication duties
- Coordinate fully and seamlessly with the management staff to ensure response effectiveness

COMMUNICATION TEAM DUTIES

The communication team will be responsible for working cooperatively with the management staff and state and local emergency response agencies to notify local health agencies and the public of the initial spill or contamination event. The team will also provide updated information related to any contamination or impairment of the source water supply or the system's drinking water supply.

According to Legislative Rule 64CSR3, the initial notification to the public will occur no later than thirty minutes after the public water system becomes aware that the spill, release or potential contamination of the public water system poses a potential threat to public health and safety.

As part of the group implementing the Source Water Protection Plan, team members are expected to be familiar with the plan, including incident/event response and communication tasks. Specifically, team members should:

- Be knowledgeable on elements of the Source Water Protection Plan and Communication Plan
- Attend team meetings to ensure up-to-date knowledge of the system and its functions
- Participate in periodic exercises that “game out” incident response and communication tasks
- Help to educate local officials, the media, and others on source water protection
- Cooperate with water supplier efforts to coordinate incident response communication
- Be prepared to respond to requests for field investigations of reported incidents
- Not speak on behalf of the water supplier unless designated as the system’s spokesperson

The primary spokesperson will be responsible for speaking on behalf of the water system to local agencies, the public, and the news media. The spokesperson should work with the management staff and the team to ensure that all communication is clear, accurate, timely, and consistent. The spokesperson may authorize and/or direct others to issue news releases or other information that has been approved by the system’s management staff. The spokesperson is expected to be on call immediately when an incident or event which may threaten water quality occurs. The spokesperson will perform the following tasks in the event of a spill, release, or other event that threatens water quality:

- Announce which risk level (A, B, C, D, or E) will apply to the public notifications that are issued
- Issue news releases, updates, and other information regarding the incident/event
- Use the news media, email, social media, and other appropriate information venues
- Ensure that news releases are sent to local health agencies and the public
- Respond to questions from the news media and others regarding the incident/event
- Appear at news conferences and interviews to explain incident response, etc.

INCIDENT / EVENT COMMUNICATION PROCEDURE

The flow chart in this section illustrates how the water system will respond when it receives a report that a spill, release, or other contamination event may have occurred. Key elements of the flow chart are described below.

Communication with agencies, the public, and the media during threat incidents

Upon initial notification of the incident/event, system managers and staff will collect information and verify the need for further investigation. Only properly trained personnel will perform onsite investigations if permitted by emergency responders. If further investigation is warranted, and the initial facts support it, the water system spokesperson will issue a public communication statement consistent with the threat level. In addition, water system personnel and partners will be dispatched to conduct reconnaissance, a threat assessment, and a threat characterization, if present. This work may include:

- Verification of the incident/event type (spill, release, etc.)
- Location of incident/event
- Type of material(s) involved in spill, release, etc.
- Quantity of material involved
- Potential of the material to move, migrate, or be transported
- Relevant time factor(s) in the risk assessment (e.g., downstream movement rate)
- Overall level of risk to water system, whether low, moderate, high, or very high
- Development of the initial risk characterization

As the flow chart indicates, several iterative cycles will occur after the initial threat assessment, including communication with local agencies and the public, further investigation of the incident, possible implementation of

the water system's contingency plan, and eventual elimination of the threat and a return to normal operations.

Communication activities during this period will include:

- The initial release (i.e., Announcement, Boil Water Advisory, Cannot Drink, Do Not Use, or Emergency)
 - Sent to local health agencies, the public, and the news media within 30 minutes
- Notification of the local water system's source water protection and communication teams
 - If warranted by initial findings regarding the spill, release, or incident
- Notification of the WV Bureau of Public Health
 - As required
- Periodic information updates, as incident response information is received
- Updates to the applicable A-B-C-D-E advisory tier, as necessary

If time permits and the need arises, after the threat level is reduced, and operations return to normal, the water system staff, the communication and source water protection teams, and their partners may conduct a post-event review and assessment. The purpose of the review is to examine the response to the incident, relevant communication activities, and overall outcomes. Plans and procedures may be updated, altered, or adapted based on lessons learned through this process.

EMERGENCY SHORT FORMS

Emergency Communication Information

	Name	Phone	Email	
Designated spokesperson:	Jim Kelly	(304)264-2116		
Alternate spokesperson:	Sam Blair	(304)264-2116		
Designated location to disseminate information to media:	600 Baltimore Street Martinsburg WV 25401			
Method of Contact:	Television Radio Newspaper Other			
Media Contacts:	Name	Title	Phone Number	Email
	Bill Kohler: The Herald Mail Co.	Editor	(301)733-5131	
The Journal		(304)263-8931		WRNR - Main Line
	(304)263-6586	info@talkradiowrnr.com	WL TF - Main Line	
(304)263-8868		WKMZ - Main Line		(304)263-2770
	WYII		(304)263-0637	
WEPM 1340		(304)263-8868		WHAG Channel 25

Emergency Service Contacts

	Name	Emergency Phone	Alternative Phone	Email
Police	City of Martinsburg Police	(911)___-___	(304)264-2100	martinsburgpd@martinsburgpd.org
Fire	City of Martinsburg Fire Department	(911)___-___	(304)264-2111	
Ambulance	City of Martinsburg Fire Department	(911)___-___	(904)264-2111	
Hazmat	City of Martinsburg Fire Department	(911)___-___	(304)264-2111	
Other				
Other				
Other				

Sensitive Populations

Other Communities that are served by the Utility:	Berkeley County Public Service Water District: Potomac River System, Glenwood Forest System, and Bunker Hill System			
Major User/Sensitive Population Notification	Name	Emergency Phone	Alternative Phone	Email
	Elmcroft of Martinsburg	(304)224-2411	(304)224-2411	
	Heartland of Martinsburg	(304)263-8291	(304)263-8291	
	Silver Age Services	(304)267-1717	(304)267-1717	
	Woodbury Comer	(304)267-8726	(304)267-8726	
	Valley Health Urgent Care	(304)350-3200	(304)350-3200	
	Berkeley Medical Center	(304)264-1214	(304)264-1214	
	MedExpress Urgent Care Edwin Miller Blvd	(304)263-6753	(304)263-6753	
	Nar Roberts Jr. Apartments	(304)267-7823	(304)267-7823	
	Southside Group Home	(304)267-4871	(304)267-4871	
	The Golden Rule Daycare, LLC	(304)262-8371	(304)262-8371	
	Little Friends Child Care Center	(304)264-0444	(304)264-0444	
	St. Joseph's Day Care Center	(304)263-9476	(304)263-9476	
	Jack & Jill Preschools, Inc.	(304)267-2777	(304)267-2777	
	Mustard Seed Day Care	(304)263-9291	(304)263-9291	
	Tiny Tots Village	(304)264-0227	(304)264-0227	
	Norborne Preschool & Day Care	(304)263-2298	(304)263-2298	
	Mountain Heart Child Care Services	(304)262-1584	(304)262-1584	
	Step Ahead Preschool	(304)263-6181	(304)263-6181	
	Resa VIII Headstart	(304)263-5811	(304)263-5811	
Berkeley Heights Elementary School	(304)267-3520	(304)267-3520		
Pikeside School	(304)267-3555	(304)267-3555		
St. Joseph's Parish School	(304)267-6447	(304)267-6447		
Martinsburg North Middle School	(304)267-3540	(304)267-3540		

	Valley College	(304)263-0979	(304)263-0979		
	Martinsburg South Middle School	(304)267-3545	(304)267-3545		
	Burke Street Elementary	(304)267-3525	(304)267-3525		
	Martinsburg Christian Academy	(304)267-6368	(304)267-6368		
	WVU Hospital	(304)262-9400	(304)262-9400		
	Shenandoah Community Health Center	(304)263-4999	(304)263-4999		
	City Hospital	(304)264-1000	(304)264-1000		
	University Surgical Associates	(304)596-6900	(304)596-6900		
	Tri-State Surgical Center	(304)267-0556	(304)267-0556		
EED District Office Contact	Name	Phone	Email		
	Alan Marchun	(304)725-9453	alan.f.marchun@wv.gov		
OEHS Readiness Coordinator	Lee Orr	(304)356-4290			
Downstream Water System Contacts	Water System Name	Contact Name	Emergency Phone	Alternate Phone	Email
	Shepherdstown Water (via a spill that affects Opequon Creek)	Charles "Woody" Coe (Chief Water Plant Operator)		(304)876-2394	
Are you planning on implementing the TIER Communications plan?:			Yes		

Emergency Service Key Staff Members

	Name	Title	Phone	Email
Key Staff Responsible for Coordinating Emergency Response Procedures:		Jim Kelly	Utilities Director	(304)264-2116
	Sam Blair	Chief Operator	(304)264-2116	
Staff Responsible for Keeping Confidential PSSC Information and Releasing to Emergency Responders.		Jim Kelly	Utilities Director	(304)264-2116
	Sam Blair	Chief Operator	(304)264-2116	

Emergency Response Information

List Laboratories available to perform sample analysis in case of emergency.	Name	Phone
	CONFIDENTIAL	
	"	
	L	
Has utility developed a detailed Emergency Response Plan in accordance with the Public Health Security Bioterrorism preparedness and Response Plan Act of 2002 that covers the following areas?:	Yes	
When was the emergency response plan developed or last updated?:	2015	

EMERGENCY CONTACT INFORMATION

State Emergency Spill Notification

1-800-642-3074

Office of Emergency Services

<http://www.wvdhsem.gov/>

Charleston, WV- (304) 558-5380

WV Bureau for Public Health Office of Environmental Health Services (OEHS)

www.wvdhhr.org/oehs

Readiness Coordinator - Lee Orr

Phone: 304-356-4290

Cell: 304-550-5607

E-mail: Lee.E.Orr@wv.gov

Environmental Engineering Division Staff

Charleston, Central Office (304) 558-2981

Beckley, District 1 (304) 256-6666

St. Albans, District 2 (304) 722-0611

Kearneysville, District 4 (304) 725-9453

Wheeling, District 5 (304) 238-1145

Fairmont, District 6 (304) 368-2530

National Response Center - Chemical, Oil, & Chemical/Biological Terrorism

1-800-424-8802

WV State Fire Marshal's Office

1-800-233-3473

West Virginia State Police

1-304-746-2100

WV Watch – Report Suspicious Activity

1-866-989-2824

DEP Distance Calculator

<http://tagis.dep.wv.gov/pswcheck/>

PRESS RELEASE ATTACHMENTS

TIERS Levels A, B, C, D, and E

**UTILITY ISSUED NOTICE – LEVEL A
PUBLIC WATER SYSTEM ANNOUNCEMENT
A WATER SYSTEM INVESTIGATION IS UNDERWAY**

On _____ at ____:____ AM/PM, the _____ Water System began investigating an incident that may affect local water quality.

The incident involves the following situation at this location:

There are no restrictions on water use at this time. As always, if water system customers notice anything unusual about their water – such as abnormal odors, colors, sheen, etc. – they should contact the water system at _____.

At this time there is no need for concern if you have consumed or used the water.

Regular updates will be provided about this Announcement as water system staff continue their investigation. Again, there are no restrictions on water use at this time.

State Water System ID# _____ Date Distributed: _____

**UTILITY ISSUED NOTICE – LEVEL B
BOIL WATER ADVISORY
A BOIL WATER ADVISORY IS IN EFFECT**

On _____ at ____:____ am/pm, a water problem occurred causing contamination of your water. The areas that are affected are as follows:

Entire Water System or Other: _____

CONDITIONS INDICATE THERE IS A HIGH PROBABILITY THAT YOUR WATER IS CONTAMINATED. TESTING HAS NOT OCCURRED TO CONFIRM OR DENY THE PRESENCE OF CONTAMINATION IN YOUR WATER.

What should I do?

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring all water to a boil, let it boil for one minute, and let it cool before using, or use bottled water. Boiled or bottled water should be used for drinking, making ice, brushing teeth, washing dishes, bathing, and food preparation until further notice. Boiling kills bacteria and other organisms in the water.

What happened?

- The problem is related to _____

What is being done?

- The water system is taking the following action: _____

What should a customer do if they have consumed or used the water?

- _____

We will inform you when you no longer need to boil your water. We anticipate resolving the problem within _____ hours/days. For more information, please contact _____ at _____ or _____ at _____.

General guidelines on ways to lessen the health risk are available from the EPA Safe Drinking Water Hotline at 1 (800) 426-4791.

Please share this information others who use this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice was distributed by _____

State Water System ID# _____ Date Distributed: _____

**UTILITY ISSUED NOTICE – LEVEL C
“CANNOT DRINK” WATER NOTIFICATION
A LEVEL C WATER ADVISORY IS IN EFFECT**

On _____ at ____:____ am/pm, a water problem occurred causing contamination of your water. The areas that are affected are as follows:

Entire Water System or Other: _____

CONDITIONS INDICATE THERE IS A HIGH PROBABILITY THAT YOUR WATER IS CONTAMINATED. TESTING HAS NOT OCCURRED TO CONFIRM OR DENY THE PRESENCE OF CONTAMINATION IN YOUR WATER.

What should I do?

- **DO NOT DRINK THE WATER.** You can't drink the water, but you can use it for showering, bathing, toilet-flushing, and other non-potable purposes.
- **BOILING WILL NOT PURIFY THE WATER.** Do not drink the water, even if it is boiled.

What happened?

- The problem is related to _____

What is being done?

- The water system is taking the following action: _____

What should a customer do if they have consumed or used the water?

- _____

We will inform you when the water is safe to drink. We anticipate resolving the problem within _____ hours/days. For more information – or to report unusual water conditions such as abnormal odors, colors, sheen, etc. – please contact _____ at _____ or _____ at _____.

General guidelines on ways to lessen the health risk are available from the EPA Safe Drinking Water Hotline at 1 (800) 426-4791.

Please share this information others who use this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice was distributed by _____

State Water System ID# _____ Date Distributed: _____

**UTILITY ISSUED NOTICE – LEVEL D
“DO NOT USE” WATER NOTIFICATION
A LEVEL D WATER ADVISORY IS IN EFFECT**

On _____ at ____:____ am/pm, a water problem occurred causing contamination of your water. The areas that are affected are as follows:

Entire Water System or Other: _____

CONDITIONS INDICATE THERE IS A HIGH PROBABILITY THAT YOUR WATER IS CONTAMINATED. TESTING HAS NOT OCCURRED TO CONFIRM OR DENY THE PRESENCE OF CONTAMINATION IN YOUR WATER.

What should I do?

- **DO NOT DRINK THE WATER.** The water is contaminated.
- **DO NOT SHOWER OR BATHE IN THE WATER.** You can't use the water for drinking, showering, or bathing. It can be used for toilet flushing and firefighting.
- **BOILING WILL NOT PURIFY THE WATER.** Do not use the water, even if it is boiled. The type of contamination suspected is not removed by boiling.

What happened?

- The problem is related to _____

What is being done?

- The water system is taking the following action: _____

What should a customer do if they have consumed or used the water?

- _____

We will inform you when the water is safe to drink. We anticipate resolving the problem within _____ hours/days. For more information – or to report unusual water conditions such as abnormal odors, colors, sheen, etc. – please contact _____ at _____ or _____ at _____.

Please share this information others who use this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice was distributed by _____

State Water System ID# _____ Date Distributed: _____

UTILITY ISSUED NOTICE – LEVEL E
EMERGENCY WATER NOTIFICATION
A LEVEL E WATER ADVISORY IS IN EFFECT

On _____ at ____:____ am/pm, a water problem occurred causing contamination of your water. The areas that are affected are as follows:

Entire Water System or Other: _____

CONDITIONS INDICATE THERE IS A HIGH PROBABILITY THAT YOUR WATER IS CONTAMINATED. TESTING HAS NOT OCCURRED TO CONFIRM OR DENY THE PRESENCE OF CONTAMINATION IN YOUR WATER.

What should I do?

- **DO NOT DRINK THE WATER.** The water is contaminated.
- **DO NOT USE THE WATER FOR ANY PURPOSE!** You can't use the water for drinking, showering, or bathing, or any other use – not even for toilet flushing.
- **BOILING WILL NOT PURIFY THE WATER.** Do not use the water, even if it is boiled. The type of contamination suspected is not removed by boiling.

What happened?

- The problem is related to _____

What is being done?

- The water system is taking the following action: _____

What should a customer do if they have consumed or used the water?

- _____

We will inform you when the water is safe to drink. We anticipate resolving the problem within _____ hours/days. For more information – or to report unusual water conditions such as abnormal odors, olors, sheen, etc. – please contact _____ at _____ or _____ at _____.

Please share this information others who use this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice was distributed by _____

State Water System ID# _____ Date Distributed: _____

APPENDIX D. SINGLE SOURCE FEASIBILITY

Water Source Alternative:

Interconnection	
Name of Alternative:	Kilmer Springs
Brief Description of the Alternative:	Kilmer Springs
Feasible?:	Yes
Provide Cost Estimate:	\$0
Would this alternative supply 100% of your needs?:	Yes
Economic Criteria - Operation and Maintenance Costs:	0
Economic Criteria - Capital Cost:	0
Technical Criteria - Permitting:	0
Technical Criteria - Flexibility:	0
Technical Criteria - Resilience:	0
Technical Criteria - Institutional Requirements:	0
Environmental Criteria - Environmental Impacts:	0
Environmental Criteria - Aesthetic Impacts:	0
Environmental Criteria - Stakeholder Issues:	0
Final Score:	0.00%

Feasibility Study Narrative

Appendix E. Feasibility Study Narrative

A feasibility study matrix was deemed unnecessary for the City of Martinsburg Water System (CMWS) (ID No. EV 3300212). CMWS utilizes two separate treatment plants, the Kilmer Spring filtration facility and the Big Spring filtration facility. The combined average production from both facilities is 2.95 MGD. The current average production rate for the Kilmer Springs filtration facility is 2.2 MGD, while the average production rate for the Big Spring filtration facility is 750,000 GPD. If a contamination event would occur, the CMWS is able to take the affected system completely offline and rely exclusively on production from the uncontaminated facility for system usage demands. In the event of an emergency or a contamination event, the CMWS also has two emergency interconnections with the Berkeley County Potomac River Water System and the Bunker Hill Water System. Finally, if the utility can equip itself with a portable pump and surface water intake, the utility could utilize water from the Lake Thomas Reservoir for treatment via a portable treatment trailer, or directly through the Kilmer Springs filtration facility.

Matrix Document

Appendix D. Single Source Feasibility Study

The single source feasibility study is required for a public water utility which is served by a single surface water source or a single groundwater source (i.e., one well or one spring). The City of Martinsburg has one or more alternative supply sources in place at this time; see **Appendix E** for details. As a result, a single source feasibility study is not required for this utility at this time.

APPENDIX E. SUPPORTING DOCUMENTATION

Local and Regional PSSC List

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Arc Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
1	CONFIDENTIAL	Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
2		Crops: other	A-7	Agriculture	NN, MP, SOC	L	M
3		Crops: other	A-7	Agriculture	NN, MP, SOC	L	M
4		Crops: other	A-7	Agriculture	NN, MP, SOC	L	M
5		Crops: other	A-7	Agriculture	NN, MP, SOC	L	M
6		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
7		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
8		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
9		Cement/concrete plants	I-2	Industrial	PH, VOC, HM, SOC	M	M
10		Airports/Abandoned airfields	C-2	Commercial	PH, VOC	H	H
11		Car dealerships	C-7	Commercial	PH, VOC	H	L
12		Lawn/farms stores	C-28	Commercial	VOC, SOC, NN	L	L
13		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
14		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
15		Hardware/lumber/parts stores	C-21	Commercial	VOV, SOC, HM, M	L	L
16		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
17		Other	C-53	Commercial			
18		Car dealerships	C-7	Commercial	PH, VOC	H	L
19		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
20		Recreational vehicle/mini storage	C-42	Commercial	PH, VOC	L	L
21		Fleet/truck/bus terminals	C-14	Commercial	M, VOC, HM, SOC, PH	H	H
22		Pharmacies	C-37	Commercial	VOC, SOC	L	L
23		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
24		Pharmacies	C-37	Commercial	VOC, SOC	L	L
25		Electrical / electronic manufacturing	I-9	Industrial	M, VOC, HM, SOC	M	M
26		Car washes	C-8	Commercial	PH, VOC	L	M

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Arc Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
27	CONFIDENTIAL	Public Utilities (phone, gas, electric power)	I-30	Industrial	M, VOC, SOC	M	M
28		Cemeteries	C-9	Commercial	M, SOC, PH	L	L
29		Car washes	C-8	Commercial	PH, VOC	L	M
30		Dry cleaners	C-12	Commercial	VOC, SOC	H	M
31		Septic Systems (leach field)*	R-6	Residential	MP, VOC, SOC, TO, NN	M	M
32		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
33		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
34		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
35		Other	C-53	Commercial			
36		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
37		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
38		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
39		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
40		Highway	M-7	Municipal	PH, VOC, M	M	H
41		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
42		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
43		Sewer Lines *	M-23	Municipal	M, VOC, MP, TO	H	L
44		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
45		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
46		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
47		Fire Stations	M-6	Municipal	PH, VOC	L	L
48		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
49		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
50		Plastics/synthetics producers	I-29	Industrial	VOC, SOC, M	H	H

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Arc Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
51	CONFIDENTIAL	Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
52		Other	C-53	Commercial			
53		Greenhouses/Nurseries	A-15	Agriculture	MP, NN	L	L
54		Pasture*	A-18	Agriculture	MP, SOC	L	L
55		Other	C-53	Commercial			
56		Pasture*	A-18	Agriculture	MP, SOC	L	L
57		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
58		Laundromats	C-27	Commercial	VOC, SOC	L	M
59		Body shops	C-5	Commercial	VOC, PH	H	M
60		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
61		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
62		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
63		Pharmacies	C-37	Commercial	VOC, SOC	L	L
64		Car washes	C-8	Commercial	PH, VOC	L	M
65		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
66		Hardware/lumber/parts stores	C-21	Commercial	VOV, SOC, HM, M	L	L
67		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
68		Park lands	M-15	Municipal	NN, SOC	L	L
69		Laundromats	C-27	Commercial	VOC, SOC	L	M
70		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
71		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
72		Heating oil companies	C-22	Commercial	PH, VOC	H	M

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Are Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
73	CONFIDENTIAL	Road maintenance depots/deicing operations	M-20	Municipal	PH, VOC, M	H	M
74		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
75		Drinking Water Treatment Plants	M-5	Municipal	D	L	L
76		Medical/dental offices/clinics	C-31	Commercial	MP, D, R	M	L
77		Medical/dental offices/clinics	C-31	Commercial	MP, D, R	M	L
78		Cemeteries	C-9	Commercial	M, SOC, PH	L	L
79		Pasture*	A-18	Agriculture	MP, SOC	L	L
80		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
81		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
82		Hospitals	C-24	Commercial	R, VOC, MP, D	M	L
83		Car washes	C-8	Commercial	PH, VOC	L	M
84		Pasture*	A-18	Agriculture	MP, SOC	L	L
85		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
86		Chemical Drums/Storage	I-3	Industrial	PH, M, VOC, SOC	H	H
87		Fleet/truck/bus terminals	C-14	Commercial	M, VOC, HM, SOC, PH	H	H
88		Boat services/repair refinishing	C-4	Commercial	PH, VOC, NN, M HM	M	H
89		Car dealerships	C-7	Commercial	PH, VOC	H	L
90		Office building/complexes	C-33	Commercial	PH, VOC, SOC	L	L
91	Heating oil companies	C-22	Commercial	PH, VOC	H	M	
92	Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L	

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Arc Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
93	CONFIDENTIAL	Military Base (past and present)	M-14	Municipal	PH, R, M, VOC, SOC	H	M
94	CONFIDENTIAL	Car dealerships	C-7	Commercial	PH, VOC	H	L
95	CONFIDENTIAL	Welding Shops	C-52	Commercial	M, VOC	M	L
96	CONFIDENTIAL	Pasture*	A-18	Agriculture	MP, SOC	L	L
97	CONFIDENTIAL	Car washes	C-8	Commercial	PH, VOC	L	M
98	CONFIDENTIAL	Car dealerships	C-7	Commercial	PH, VOC	H	L
99	CONFIDENTIAL	Photo processing/printing	C-38	Commercial	M, VOC, SOC	M	L
100	CONFIDENTIAL	Hardware/lumber/parts stores	C-21	Commercial	VOV, SOC, HM, M	L	L
101	CONFIDENTIAL	Hardware/lumber/parts stores	C-21	Commercial	VOV, SOC, HM, M	L	L
102	CONFIDENTIAL	Repair Shops (engine, appliances, etc.)	C-43	Commercial	PH, VOC, SOC	H	M
103	CONFIDENTIAL	Cement/concrete plants	I-2	Industrial	PH, VOC, HM, SOC	M	M
104	CONFIDENTIAL	Equipment rental/repair shop	C-13	Commercial	PH, M, VOC	H	L
105	CONFIDENTIAL	Hardware/lumber/parts stores	C-21	Commercial	VOV, SOC, HM, M	L	L
106	CONFIDENTIAL	Crops: orchards	A-6	Agriculture	NN, SOC	L	L
107	CONFIDENTIAL	Utility Substation Transformers	C-49	Commercial	PH, VOC, SOC	H	H
108	CONFIDENTIAL	Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
109	CONFIDENTIAL	Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
110	CONFIDENTIAL	Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
111	CONFIDENTIAL	Heating oil companies	C-22	Commercial	PH, VOC	H	M
112	CONFIDENTIAL	Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
113	CONFIDENTIAL	Car dealerships	C-7	Commercial	PH, VOC	H	L

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Arc Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
114	CONFIDENTIAL	Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
115		Septic Systems (leach field)*	R-6	Residential	MP, VOC, SOC, TO, NN	M	M
116		Farm machinery areas	A-12	Agriculture	PH, VOC	L	L
117		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
118		Medical/dental offices/clinics	C-31	Commercial	MP, D, R	M	L
119		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
120		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
121		Pasture*	A-18	Agriculture	MP, SOC	L	L
122		Road maintenance depots/deicing operations	M-20	Municipal	PH, VOC, M	H	M
123		Pasture*	A-18	Agriculture	MP, SOC	L	L
124		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
125		Cemeteries	C-9	Commercial	M, SOC, PH	L	L
126		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
127		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
128		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
129		Other	C-53	Commercial			
130		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
131		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
132		Historic railroad right-of-ways	M-8	Municipal	M, PH	M	L
133		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
134		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
135		Pesticide/fertilizer/petroleum storage and Trans.	A-19	Agriculture	PH, NN, SOC, VOC	L	L

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Arc Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
136	CONFIDENTIAL	Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
137		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
138		Repair Shops (engine, appliances, etc.)	C-43	Commercial	PH, VOC, SOC	H	M
139		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
140		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
141		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
142		Electrical / electronic manufacturing	I-9	Industrial	M, VOC, HM, SOC	M	M
143		Equipment rental/repair shop	C-13	Commercial	PH, M, VOC	H	L
144		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
145		Other	C-53	Commercial			
146		Fleet/truck/bus terminals	C-14	Commercial	M, VOC, HM, SOC, PH	H	H
147		Recycling/reduction facilities	M-19	Municipal	M, VOC, HM, SOC	L	L
148		Cemeteries	C-9	Commercial	M, SOC, PH	L	L
149		Car dealerships	C-7	Commercial	PH, VOC	H	L
150		Military Base (past and present)	M-14	Municipal	PH, R, M, VOC, SOC	H	M
151	Car dealerships	C-7	Commercial	PH, VOC	H	L	
152	Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M	
153	Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L	
154	Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H	
155	Dry cleaners	C-12	Commercial	VOC, SOC	H	M	

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Arc Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
156		Dry cleaners	C-12	Commercial	VOC, SOC	H	M
157		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
158	A	Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
159		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
160		Pasture*	A-18	Agriculture	MP, SOC	L	L
161		Pasture*	A-18	Agriculture	MP, SOC	L	L
162		Greenhouses/Nurseries	A-15	Agriculture	MP, NN	L	L
163		Dry cleaners	C-12	Commercial	VOC, SOC	H	M
164		Pasture*	A-18	Agriculture	MP, SOC	L	L
165		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
166		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
167		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
168		Septic Systems (leach field)*	R-6	Residential	MP, VOC, SOC, TO, NN	M	M
169		Historic gas stations	C-23	Commercial	PH, M, VOC	H	L
170		Print shops	C-39	Commercial	VOC, SOC	L	L
171		Dry cleaners	C-12	Commercial	VOC, SOC	H	M
172		Hardware/lumber/parts stores	C-21	Commercial	VOV, SOC, HM, M	L	L
173		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
174		Car dealerships	C-7	Commercial	PH, VOC	H	L
175		Airports/Abandoned airfields	C-2	Commercial	PH, VOC	H	H
176	T	Medical/dental offices/clinics	C-31	Commercial	MP, D, R	M	L

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Arc Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
177		Greenhouses/Nurseries	A-15	Agriculture	MP, NN	L	L
178		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
179		Pasture*	A-18	Agriculture	MP, SOC	L	L
180		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
181		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
182		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
183		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
184		Highway	M-7	Municipal	PH, VOC, M	M	H
185		Repair Shops (engine, appliances, etc.)	C-43	Commercial	PH, VOC, SOC	H	M
186		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
187		Medical/dental offices/clinics	C-31	Commercial	MP, D, R	M	L
188		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
189		Dry cleaners	C-12	Commercial	VOC, SOC	H	M
190		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
191		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
192		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
193		Pasture*	A-18	Agriculture	MP, SOC	L	L
194		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
195		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
196		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
197		Railroad Tracks and Yards	C-41	Commercial	PH, M, VOC, SOC	H	H
198		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
199		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Arc Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
200		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
201		Pasture*	A-18	Agriculture	MP, SOC	L	L
202		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
203		Hardware/lumber/parts stores	C-21	Commercial	VOV, SOC, HM, M	L	L
204		Other	C-53	Commercial			
205		Highway	M-7	Municipal	PH, VOC, M	M	H
206		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
207		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
208		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
209		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
210		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
211		Hardware/lumber/parts stores	C-21	Commercial	VOV, SOC, HM, M	L	L
212		Body shops	C-5	Commercial	VOC, PH	H	M
213		Lawn/farms stores	C-28	Commercial	VOC, SOC, NN	L	L
214		Airports/Abandoned airfields	C-2	Commercial	PH, VOC	H	H
215		Repair Shops (engine, appliances, etc.)	C-43	Commercial	PH, VOC, SOC	H	M
216		Cement/concrete plants	I-2	Industrial	PH, VOC, HM, SOC	M	M
217		Laundromats	C-27	Commercial	VOC, SOC	L	M
218		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
219		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Arc Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
220		Military Base (past and present)	M-14	Municipal	PH, R, M, VOC, SOC	H	M
221		Dry cleaners	C-12	Commercial	VOC, SOC	H	M
222		Medical/dental offices/clinics	C-31	Commercial	MP, D, R	M	L
223		Laundromats	C-27	Commercial	VOC, SOC	L	M
224	1	Sawmills and planers	C-46	Commercial	PH, VOC, SOC	M	M
225		Pasture*	A-18	Agriculture	MP, SOC	L	L
226		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
227		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
228		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
229		Highway	M-7	Municipal	PH, VOC, M	M	H
230		Pasture*	A-18	Agriculture	MP, SOC	L	L
231		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
232		Welding Shops	C-52	Commercial	M, VOC	M	L
233		Utility Substation Transformers	C-49	Commercial	PH, VOC, SOC	H	H
234		Dry cleaners	C-12	Commercial	VOC, SOC	H	M
235		Dry cleaners	C-12	Commercial	VOC, SOC	H	M
236		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
237		Other	M-32	Municipal			
238		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
239		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
240		Confined Animal Feeding Operations	A-3	Agriculture	NN, MP, TO	H	H

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Are Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
241		Hardware/lumber/parts stores	C-21	Commercial	VOV, SOC, HM, M	L	L
242		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
243		Photo processing/printing	C-38	Commercial	M, VOC, SOC	M	L
244		Cemeteries	C-9	Commercial	M, SOC, PH	L	L
245		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
246		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
247		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
248		Equipment rental/repair shop	C-13	Commercial	PH, M, VOC	H	L
249		Car washes	C-8	Commercial	PH, VOC	L	M
250		Utility Substation Transformers	C-49	Commercial	PH, VOC, SOC	H	H
251		Hardware/lumber/parts stores	C-21	Commercial	VOV, SOC, HM, M	L	L
252		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
253		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
254		Car dealerships	C-7	Commercial	PH, VOC	H	L
255		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
256		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
257		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
258		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
259		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
260		Cement/concrete plants	I-2	Industrial	PH, VOC, HM, SOC	M	M
261		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
262		Other	C-53	Commercial			
263		Greenhouses/Nurseries	A-15	Agriculture	MP, NN	L	L
264		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Arc Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
265		Heating oil companies	C-22	Commercial	PH, VOC	H	M
266		Lawn/farms stores	C-28	Commercial	VOC, SOC, NN	L	L
267		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
268		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
269		Lawn/farms stores	C-28	Commercial	VOC, SOC, NN	L	L
270		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
271		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
272		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
273		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
274		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
275		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
276		Medical/dental offices/clinics	C-31	Commercial	MP, D, R	M	L
277		Office building/complexes	C-33	Commercial	PH, VOC, SOC	L	L
278		Dry cleaners	C-12	Commercial	VOC, SOC	H	M
279		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
280		Car washes	C-8	Commercial	PH, VOC	L	M
281		Chemical/petroleum pipelines	I-7	Industrial	PH, M, VOC, SOC	H	H
282		Lawn/farms stores	C-28	Commercial	VOC, SOC, NN	L	L
283		Pharmacies	C-37	Commercial	VOC, SOC	L	L
284		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
285		Car dealerships	C-7	Commercial	PH, VOC	H	L
286		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
287		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Arc Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
288	CONFIDENTIAL	Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
289		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
290		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
291		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
292		Paint stores	C-34	Commercial	M, VOC, SOC	L	L
293		Other	C-53	Commercial			
294		Fleet/truck/bus terminals	C-14	Commercial	M, VOC, HM, SOC, PH	H	H
295		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
296		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
297		Waste transfer/recycling stations	M-27	Municipal	PH, M	M	M
298		Car dealerships	C-7	Commercial	PH, VOC	H	L
299		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
300		Cemeteries	C-9	Commercial	M, SOC, PH	L	L
301		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
302		Car dealerships	C-7	Commercial	PH, VOC	H	L
303		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
304		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
305		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
306		Historic gas stations	C-23	Commercial	PH, M, VOC	H	L
307		Drinking Water Treatment Plants	M-5	Municipal	D	L	L
308		Dry cleaners	C-12	Commercial	VOC, SOC	H	M
309		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Arc Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
310		Fleet/truck/bus terminals	C-14	Commercial	M, VOC, HM, SOC, PH	H	H
311		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
312		Crops, corn, soybean, wheat	A-5	Agriculture	NN, SOC, MP	L	L
313		Pasture*	A-18	Agriculture	MP, SOC	L	L
314		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
315		Pasture*	A-18	Agriculture	MP, SOC	L	L
316		Greenhouses/Nurseries	A-15	Agriculture	MP, NN	L	L
317		Medical/dental offices/clinics	C-31	Commercial	MP, D, R	M	L
318		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
319		Crops: orchards	A-6	Agriculture	NN, SOC	L	L
320		Welding Shops	C-52	Commercial	M, VOC	M	L
321		Residential (single family homes)	R-4	Residential	VOC, SOC, NN	H	H
322		Dry cleaners	C-12	Commercial	VOC, SOC	H	M
323		Railroad Tracks and Yards	C-41	Commercial	PH, M, VOC, SOC	H	H
324		Paint stores	C-34	Commercial	M, VOC, SOC	L	L
325		Cemetery	C-9	Commercial	M, SOC, PH	L	L
326		Veterinary Offices	C-50	Commercial	MP, R	M	L
327		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
328		Swimming Pools and Related Materials	M-26	Municipal	Chlorine, D		
329		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
330		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
331		Laundromats	C-27	Commercial	VOC, SOC	L	M

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Arc Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
332	CONFIDENTIAL	School Facility	M-21	Municipal	SOC, D, VOC, TO	L	L
333		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
334		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
335		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
336		Asphalt Plants	I-1	Industrial	PH, VOC	M	H
337		Cemetery	C-9	Commercial	M, SOC, PH	L	L
338		Agriculture	A-5	Agriculture	NN, SOC, MP	L	L
339		Agriculture	A-6	Agriculture	NN, SOC	L	L
340		Agriculture	A-5	Agriculture	NN, SOC, MP	L	L
341		Agriculture	A-5	Agriculture	NN, SOC, MP	L	L
342		Agriculture	A-6	Agriculture	NN, SOC	L	L
343		Agriculture	A-6	Agriculture	NN, SOC	L	L
344		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
345		Agriculture	A-5	Agriculture	NN, SOC, MP	L	L
346		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
347		Potential Automotive Repair	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
348		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
349		Residential (multi-units)	R-3	Residential	VOC, NN, TO, MP	L	L
350		Airports/Abandoned airfields	C-2	Commercial	PH, VOC	H	H
351		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
352		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
353		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
354		Unknown Hazard	M-18	Municipal	PH, VOC, SOC, HM, M	H	H
355		Car Washes	C-8	Commercial	PH, VOC	L	M
356		Fleet/truck/bus terminals	C-14	Commercial	M, VOC, HM, SOC, PH	H	H

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Arc Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
357	CONFIDENTIAL	Fire Station	M-6	Municipal	PH, VOC	L	L
358		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
359		Veterinary Offices	C-50	Commercial	MP, R	M	L
360		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
361		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
362		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
363		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
364		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
365		Car dealerships	C-7	Commercial	PH, VOC	H	L
366		Equipment rental/repair shop	C-13	Commercial	PH, M, VOC	H	L
367		Warehouse with one large bay door	C-53	Commercial			
368		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
369		Funeral Services and Crematories	C-15	Commercial	M, MP, SOC, HM, VOC	M	L
370		Historic Gas Station	C-18	Commercial	PH, M, VOC, SOC	H	M
371		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
372		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
373		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
374		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
375		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
376		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
377		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
378		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Arc Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
379	CONFIDENTIAL	Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
380		Fleet/truck/bus terminals	C-14	Commercial	M, VOC, HM, SOC, PH	H	H
381		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
382		School Facility	M-21	Municipal	SOC, D, VOC, TO	L	L
383		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
384		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
385		Unknown Hazard	I-44	Industrial			
386		TruckTerminals/Shipping	C-14	Commercial	M, VOC, HM, SOC, PH	H	H
387		ASTs, Chemical Drums and Storage	I-3	Industrial	PH, M, VOC, SOC	H	H
388		Fire Station with Emergency Vehicles	C-14	Commercial	M, VOC, HM, SOC, PH	H	H
389		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M
390		Lawn/farms stores	C-28	Commercial	VOC, SOC, NN	L	L
391		Cemetery	C-9	Commercial	M, SOC, PH	L	L
392		Agriculture	A-5	Agriculture	NN, SOC, MP	L	L
393		Agriculture	A-18	Agriculture	MP, SOC	L	L
394		Agriculture	A-18	Agriculture	MP, SOC	L	L
395		Agriculture	A-5	Agriculture	NN, SOC, MP	L	L
396		Agriculture	A-18	Agriculture	MP, SOC	L	L
397		Agriculture	A-6	Agriculture	NN, SOC	L	L
398		Agriculture	A-6	Agriculture	NN, SOC	L	L
399		Lawn/farms stores	C-28	Commercial	VOC, SOC, NN	L	L
400		Gas Stations	C-18	Commercial	PH, M, VOC, SOC	H	M

Table 3: List of Previous SWPP PSSCs and Locally Identified PSSCs

Arc Label	SOURCE NAME	SOURCE DESCRIPTION	MAP CODE	SOURCE CATEGORY	ASSOCIATED CHEMICALS	THREAT TO GW	THREAT TO SW
401	CONFIDENTIAL	Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
402		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M
403		Auto repair shops	C-3	Commercial	PH, M, VOC, HM, SOC	H	M

Regulated PSSC List

Table 1: List of Regulated PSSCs

Arc Label	Source Name	Source Description
1	First Baptist Church	5W32 - Septic Systems(Drain Field Disposal Mthd)
2	Western Express Shop	5X26 - Substrate Releasing Compounds
3	Western Express Shop	5X26 - Substrate Releasing Compounds
4	Western Express Shop	5X26 - Substrate Releasing Compounds
5	Western Express Shop	5X26 - Substrate Releasing Compounds
6	Willowbrook Section 3	Sewage General
7	MANOR CONCRETE PLANT #5	Storm Water Industrial (GP)
8	MANOR CONCRETE PLANT #5	Storm Water Industrial (GP)
9	MANOR CONCRETE PLANT #5	Storm Water Industrial (GP)
10	MANOR CONCRETE PLANT #5	Storm Water Industrial (GP)
11	MANOR CONCRETE PLANT #5	Storm Water Industrial (GP)
12	City of Martinsburg Recycle Center	Storm Water Industrial (GP)
13	City of Martinsburg	Small Storm Sewer Systems
14	City of Martinsburg	Small Storm Sewer Systems
15	MARTINSBURG STATION - PHASE IV	Storm Water Construction (GP)
16	MARTINSBURG STATION - PHASE IV	Storm Water Construction (GP)
17	Manor Park	Storm Water Construction (GP)
18	South End ROCS	5X26 - Substrate Releasing Compounds
19	South End ROCS	5X26 - Substrate Releasing Compounds
20	Big Springs WTP	Water Treatment Plant (GP)
21	167 AW WV ANG	Storm Water Industrial (GP)
22	167 AW WV ANG	Storm Water Industrial (GP)
23	MARTINSBURG SEVENTH DAY ADVENTIST CHURCH	Storm Water Construction (GP)
24	Cornerstone Development	Storm Water Construction (GP)
25	Cornerstone Development	Storm Water Construction (GP)
26	Martinsburg Station	SD3 - Improved Sinkholes
27	R M ROACH & SONS INC	Storm Water Industrial (GP)
28	E.P.T.A.	Storm Water Industrial (GP)
29	Kunkel Addition Multi-Family Concept Plan	Storm Water Construction (GP)
30	Kunkel Addition Multi-Family Concept Plan	Storm Water Construction (GP)
31	Springhill Suites - Mariott	Storm Water Construction (GP)
32	West Virginia Department of Highways	Small Storm Sewer Systems
33	West Virginia Department of Highways	Small Storm Sewer Systems
34	Martinsburg Station - Phase III	Storm Water Construction (GP)
35	L & H Storage Stormwater Management Plan	Storm Water Construction (GP)
36	Martinsburg Station Phase 1 & 2	Storm Water Construction (GP)
37	MERIDIAN COMMONS	Storm Water Construction (GP)

Table 1: List of Regulated PSSCs

Arc Label	Source Name	Source Description
38	RIDGES OF TUSCARORA	Storm Water Construction (GP)
39	RIDGES OF TUSCARORA	Storm Water Construction (GP)
40	RIDGES OF TUSCARORA	Storm Water Construction (GP)
41	MTA/MARC Martinsburg Yard	Storm Water Industrial (GP)
42	South Berkely Wrecker and Hauling	Storm Water Industrial (GP)
43	South Berkely Wrecker and Hauling	Storm Water Industrial (GP)
44	City of Martinsburg	5D3 - Improved Sinkholes
45	City of Martinsburg	5D3 - Improved Sinkholes
46	Martinsburg Bulk Plant	Storm Water Industrial (GP)
47	R.M. ROACH & SONS, INC PROPANE YARD	Storm Water Industrial (GP)
48	Allmine Paving	Storm Water Industrial (GP)
49	Allmine Paving	Storm Water Industrial (GP)
50	Tablers Station Substation	WV DOH+MUN
51	Berkeley County BOE (4 County Schools)	5W32 - Septic Systems(Drain Field Disposal Mthd)
52	WASTE MGT	Storm Water Industrial (GP)
53	WASTE MGT	Storm Water Industrial (GP)
54	J.A. Prather Salvage Yard	Storm Water Industrial (GP)
55	J.A. Prather Salvage Yard	Storm Water Industrial (GP)
56	WINCHESTER & WESTERN RAILROAD RAIL SPUR TO ESSROC	Storm Water Construction (GP)
57	WINCHESTER & WESTERN RAILROAD RAIL SPUR TO ESSROC	Storm Water Construction (GP)
58	Big K's Hauling, LLC	Storm Water Industrial (GP)
59	TLR CIVIC CENTER	Storm Water Construction (GP)
60	TLR CIVIC CENTER	Storm Water Construction (GP)
61	D & L Weld, Inc.	Storm Water Industrial (GP)
62	First Baptist Church	5W32 - Septic Systems(Drain Field Disposal Mthd)
63	Western Express Shop	5X26 - Substrate Releasing Compounds
64	Willowbrook Section 3	Sewage General
65	MANOR CONCRETE PLANT #5	Storm Water Industrial (GP)
66	City of Martinsburg Recycle Center	Storm Water Industrial (GP)
67	MARTINSBURG STATION - PHASE IV	Storm Water Construction (GP)
68	Manor Park	Storm Water Construction (GP)
69	Mark's Tank Cleaning	Sludge/Septic POTW Disposal (GP)
70	Wheatland Lot 8	Storm Water Construction (NOI)
71	South End ROCS	5X26 - Substrate Releasing Compounds
72	Tabler Station Business Park Access Road	Storm Water Construction (GP)
73	Arcadia Aviation, Martinsburg Hangar 1-A	Storm Water Construction (NOI)

Table 1: List of Regulated PSSCs

Arc Label	Source Name	Source Description
74	Cold Spring Run	Storm Water Construction (NOI)
75	Big Springs WTP	Water Treatment Plant (GP)
76	167 AW WV ANG	Storm Water Industrial (GP)
77	MARTINSBURG SEVENTH DAY ADVENTIST CHURCH	Storm Water Construction (GP)
78	MCDONALD'S RESTAURANT APPLE HARVEST DRIVE MARTINSBURG WV	Storm Water Construction (NOI)
79	FERNWOOD SECTION 2 LOTS 31, 37, 38, 53 & 54	Storm Water Construction (NOI)
80	Cornerstone Development	Storm Water Construction (GP)
81	Martinsburg Station	SD3 - Improved Sinkholes
82	R M ROACH & SONS INC	Storm Water Industrial (GP)
83	E.P.T.A.	Storm Water Industrial (GP)
84	Butler's Bridge	Storm Water Construction (GP)
85	Tabler Station Business Park - East Lot #12 (167th Credit Union)	Storm Water Construction (NOI)
86	Kunkel Addition Multi-Family Concept Plan	Storm Water Construction (GP)
87	Springhill Suites - Marriott	Storm Water Construction (GP)
88	ARDEN MANOR PHASE II	Storm Water Construction (GP)
89	W&W Bridge Clearance Improvement Project	Storm Water Construction (NOI)
90	Martinsburg Station - Phase III	Storm Water Construction (GP)
91	L & H Storage Stormwater Management Plan	Storm Water Construction (GP)
92	Martinsburg Station Phase 1 & 2	Storm Water Construction (GP)
93	MERIDIAN COMMONS	Storm Water Construction (GP)
94	RIDGES OF TUSCARORA	Storm Water Construction (GP)
95	Repair Storm Water Ponds PJVY092068	Storm Water Construction (NOI)
96	Auburndale Subdivision Phase 1	Storm Water Construction (NOI)
97	MTA/MARC Martinsburg Yard	Storm Water Industrial (GP)
98	South Berkely Wrecker and Hauling	Storm Water Industrial (GP)
99	City of Martinsburg	SD3 - Improved Sinkholes
100	Martinsburg Bulk Plant	Storm Water Industrial (GP)
101	R.M. ROACH & SONS, INC PROPANE YARD	Storm Water Industrial (GP)
102	Allmine Paving	Storm Water Industrial (GP)
103	Tablers Station Substation	WV DOH+MUN
104	Delmar Glen	Storm Water Construction (GP)
105	Kelly Island Townhomes	Storm Water Construction (NOI)
106	C & F RENTALS, LLC.- BUILDING	Storm Water Construction (NOI)
107	Martinsburg Mall- Demolition of Vacant Sears Site	Storm Water Construction (NOI)

Table 1: List of Regulated PSSCs

Arc Label	Source Name	Source Description
108	WASTE MGT	Storm Water Industrial (GP)
109	J.A. Prather Salvage Yard	Storm Water Industrial (GP)
110	AMERICAN LEGION BEKELEY POST 14 BUILDING	Storm Water Construction (NOI)
111	WINCHESTER & WESTERN RAILROAD RAIL SPUR TO ESSROC	Storm Water Construction (GP)
112	Tabler Station Sheetz	Storm Water Construction (GP)
113	Dr. Al-Saleh New Dental Office	Storm Water Construction (NOI)
114	Big K's Hauling, LLC	Storm Water Industrial (GP)
115	Brooke Gardens Subdivision	Storm Water Construction (GP)
116	TLR CIVIC CENTER	Storm Water Construction (GP)
117	MERIDIAN POINTE PHASE 1C	Storm Water Construction (GP)
118	THE GALLERY	Storm Water Construction (GP)
119	D & L Weld, Inc.	Storm Water Industrial (GP)
120	Sexton Can Company	Storm Water Industrial (No Exposure)
121	EASTERN WEST VIRGINIA REGIONAL AIRPORT	LUST_Sites
122	MARTINSBURG SUNOCO	LUST Sites
123	SENIOR TOWERS APARTMENTS	LUST Sites
124	SUNNY'S ONE STOP	LUST Sites
125	CAPITOL CEMENT CORP	RCRA Facility of Interest
126	167 AW WV ANG	RCRA Facility of Interest
127	MARTINSBURG CITY OF WWTP	RCRA Facility of Interest
128	KIRBY'S DRY CLEANERS	RCRA Facility of Interest
129	ONE HOUR CLEANERS	RCRA Facility of Interest
130	MARTINSBURG CLEANERS	RCRA Facility of Interest
131	SEXTON CAN COMPANY INCORPORATED	RCRA Facility of Interest
132	ARKAY AUTO SALES INC	RCRA Facility of Interest
133	SEARS ROEBUCK & CO #2814/6917	RCRA Facility of Interest
134	SENCINDIVERS GARAGE	RCRA Facility of Interest
135	MILLERS ELECTRIC CO INC	RCRA Facility of Interest
136	EVERLY ELECTRIC INC	RCRA Facility of Interest
137	BRUCES AUTO RPR	RCRA Facility of Interest
138	K MART	RCRA Facility of Interest
139	USARC - MARTINSBURG MEMORIAL RESERVE CENTER	RCRA Facility of Interest
140	MILLER'S CHRYSLER PLYMOUTH JEEP	RCRA Facility of Interest
141	COOKS AUTO BODY & FRAME SERVICE	RCRA Facility of Interest
142	UNION SALES CO - DODGE	RCRA Facility of Interest
143	APPLE VALLEY CHEVROLET INC	RCRA Facility of Interest
144	VERIZON WEST VIRGINIA INC	RCRA Facility of Interest

Table 1: List of Regulated PSSCs

Arc Label	Source Name	Source Description
145	POTOMAC EDISON CENTRAL DIV	RCRA Facility of Interest
146	PORTERFIELDS BODY SHOP	RCRA Facility of Interest
147	WASTE MANAGEMENT OF SHENANDOAH VALLEY	RCRA Facility of Interest
148	WVDOH MARTINSBURG	RCRA Facility of Interest
149	BUCKY'S LTD	RCRA Facility of Interest
150	LUBRICATION CTRS INC JIFFY LUBE	RCRA Facility of Interest
151	SCHMIDT BAKING CO INC	RCRA Facility of Interest
152	WRIGHT MOTORS INC	RCRA Facility of Interest
153	COUNTRY ROADS TIRE & AUTO	RCRA Facility of Interest
154	TRI COUNTY RENTAL	RCRA Facility of Interest
155	SOUTH END SHELL	RCRA Facility of Interest
156	STOUTS MOWER & CHAIN	RCRA Facility of Interest
157	REDI-MIX CONCRETE	RCRA Facility of Interest
158	POTOMAC CONSTR CO	RCRA Facility of Interest
159	KNEISLY ENGINE & MOWER SHOP	RCRA Facility of Interest
160	FRONTIER - MARTSINSBURG SOC	RCRA Facility of Interest
161	EXXON CO USA #25489	RCRA Facility of Interest
162	SOUTHERN STATES CO-OP INC (H-MART)	RCRA Facility of Interest
163	WASHINGTON GAS - JOHN STREET SITE	RCRA Facility of Interest
164	WHITEY LAMPS AUTO SALES & SVC	RCRA Facility of Interest
165	STEPHENS TIRE CENTER	RCRA Facility of Interest
166	ROGER C GREENFIELD HEATING	RCRA Facility of Interest
167	BENNETTS INC	RCRA Facility of Interest
168	FIRESTONE TIRE & RUBBER	RCRA Facility of Interest
169	TIRE & REPAIR	RCRA Facility of Interest
170	ROMANS BODY SHOP	RCRA Facility of Interest
171	LOWES HOME CENTERS INC #0266	RCRA Facility of Interest
172	MARTINSBURG JOURNAL	RCRA Facility of Interest
173	SMALLS AUTOMOTIVE CO	RCRA Facility of Interest
174	WAL-MART SUPERCENTER #1703	RCRA Facility of Interest
175	WHETZELS AUTO SALES	RCRA Facility of Interest
176	KENT PARSONS FORD INC	RCRA Facility of Interest
177	NU LOOK ONE HOUR CLEANERS # 15	RCRA Facility of Interest
178	POTOMAC CONSTRUCTION INDUSTRIES INC	RCRA Facility of Interest
179	BIG KS BODY SHOP	RCRA Facility of Interest
180	BIEDLERS ELECTRIC MTR RPR INC	RCRA Facility of Interest
181	RAYS SERVICE CENTER	RCRA Facility of Interest

Table 1: List of Regulated PSSCs

Arc Label	Source Name	Source Description
182	STRAUSS ENTERPRISES INC	RCRA Facility of Interest
183	AIR PHOTOGRAPHICS	RCRA Facility of Interest
184	RYCO INCORPORATED	RCRA Facility of Interest
185	CITY HOSPITAL INC	RCRA Facility of Interest
186	PROGRESSIVE PRINTING	RCRA Facility of Interest
187	ROACH & SONS, INC., R. M.	RCRA Facility of Interest
188	BERKLEY COUNTY BOARD OF EDUCATION	RCRA Facility of Interest
189	OLD SCHEWELL STORE	RCRA Facility of Interest
190	E.P.T.A.	RCRA Facility of Interest
191	BIG SPRINGS WTP	RCRA Facility of Interest
192	WASTE MGT	RCRA Facility of Interest
193	READY MIX CONCRETE CO	RCRA Facility of Interest
194	STEPHENS POOL & SPORT SHOP	RCRA Facility of Interest
195	GRIFFITH ENERGY SERVICES, INC.	RCRA Facility of Interest
196	MARTINSBURG SERVICE CENTER LLC	RCRA Facility of Interest
197	SUNNY'S ONE STOP	RCRA Facility of Interest
198	CSX TRANSPORTATION INC	RCRA Facility of Interest
199	LAWRENCE CROUSE WORKSHOP	RCRA Facility of Interest
200	POTOMAC CONSTRUCTION INDUSTRIES INC	RCRA Facility of Interest
201	MARTINSBURG MOTORSPORTS SALES INC	RCRA Facility of Interest
202	BURKHARTS, INC, T/A SOUTH BERKELEY WRECKER SERVICE	RCRA Facility of Interest
203	LOWES COMPANIES #627	RCRA Facility of Interest
204	ROYCE HOSIERY MILLS	RCRA Facility of Interest
205	DRYCLEAN - SHIRT SALON	RCRA Facility of Interest
206	MARTINSBURG BALL FIELD	RCRA Facility of Interest
207	CITY HALL	RCRA Facility of Interest
208	FIRE STATION	RCRA Facility of Interest
209	MARTINSBURG NORTH MIDDLE SCHOOL	RCRA Facility of Interest
210	MARTINSBURG SOUTH MIDDLE SCHOOL	RCRA Facility of Interest
211	WINCHESTER AVENUE ELEMENTARY SCHOOL	RCRA Facility of Interest
212	SHEETZ, INC (STORE # 155)	RCRA Facility of Interest
213	SHEETZ STORE #241	RCRA Facility of Interest
214	FIRSTENERGY DAM 5	RCRA Facility of Interest
215	PIKESIDE ROCS	RCRA Facility of Interest
216	MOUNTAINEER MART BP	RCRA Facility of Interest

Table 1: List of Regulated PSSCs

Arc Label	Source Name	Source Description
217	FOXCROFT SHELL (FOXCROFT TEXACO)	RCRA Facility of Interest
218	NORTH END BP	RCRA Facility of Interest
219	KING STREET BP	RCRA Facility of Interest
220	ROACH ENERGY	RCRA Facility of Interest
221	THE POINT SUBDIVISION	RCRA Facility of Interest
222	MARTINSBURG HIGH SCHOOL	RCRA Facility of Interest
223	EAGLE INTERMEDIATE SCHOOL	RCRA Facility of Interest
224	ORCHARD VIEW INTERMEDIATE	RCRA Facility of Interest
225	ST. JOSEPH PARISH SCHOOL	RCRA Facility of Interest
226	WILLOWBROOK SECTION 3	RCRA Facility of Interest
227	H. MARR	RCRA Facility of Interest
228	EASTERN WV REGIONAL/SHE	RCRA Facility of Interest
229	WIDMEYER'S CLEANERS	RCRA Facility of Interest
230	BERK CO PSSD - MARTINSBURG CS	RCRA Facility of Interest
231	[R3-FY09] CHERRY PROPERTIES	RCRA Facility of Interest
232	POTOMIC HOUSING REALTORS, LLC	RCRA Facility of Interest
233	R.M. ROACH & SONS INC. - TEXACO DIST	RCRA Facility of Interest
234	PROPERTY OF LACY RICE	RCRA Facility of Interest
235	THORN LUMBER COMPANY- ID # 0-200118	RCRA Facility of Interest
236	BERKELY SOLID WASTE AUTHORITY LANDFILL	RCRA Facility of Interest
237	MARTINSBURG CITY HOSPITAL- PA	RCRA Facility of Interest
238	THORN LUMBER COMPANY	RCRA Facility of Interest
239	JC PENNEY	RCRA Facility of Interest
240	ALLMINE PAVING	RCRA Facility of Interest
241	CITY OF MARTINSBURG RECYCLE CE	RCRA Facility of Interest
242	[R3 FY11] TELAMON CORP.	RCRA Facility of Interest
243	PIKESIDE LEARNING CENTER	RCRA Facility of Interest
244	SHEETZ STORE #220	RCRA Facility of Interest
245	J.A. PRATHER SALVAGE YARD	RCRA Facility of Interest
246	S&S MOTOR PARTS	RCRA Facility of Interest
247	TRACTOR SUPPLY CO #700	RCRA Facility of Interest
248	TARGET STORE #T2538	RCRA Facility of Interest
249	CVS PHARMACY #1429	RCRA Facility of Interest
250	KMART #4897	RCRA Facility of Interest
251	SHENANDOAH OIL CO. - SUNOCO PROD	RCRA Facility of Interest
252	BURKHART OIL CO. GULF OIL DIST	RCRA Facility of Interest

Table 1: List of Regulated PSSCs

Arc Label	Source Name	Source Description
253	AMOCO OIL CO.	RCRA Facility of Interest
254	CONSUMERS FUEL CO., INC	RCRA Facility of Interest
255	MCDONALD'S RESTAURANT APP	RCRA Facility of Interest
256	L & H STORAGE STORMWATER M	RCRA Facility of Interest
257	THE SUITES AT MERIDIAN POINTE	RCRA Facility of Interest
258	RALEIGH STREET EXTENSION	RCRA Facility of Interest
259	SEXTON CAN CO INC	RCRA Facility of Interest
260	KENSINGTON TERRACE	RCRA Facility of Interest
261	BEARDS FARM ESTATES WWTP	RCRA Facility of Interest
262	R.M. ROACH & SONS, INC PR	RCRA Facility of Interest
263	BIG K'S HAULING, LLC	RCRA Facility of Interest
264	SPRINGHILL SUITES- MARIOTT	RCRA Facility of Interest
265	SOUTH BERKELY WRECKER AND HAUL	RCRA Facility of Interest
266	TLR CIVIC CENTER	RCRA Facility of Interest
267	FOUR OAKS	RCRA Facility of Interest
268	MARTINSBURG STATION - PHAS	RCRA Facility of Interest
269	WV AIR NATIONAL GUARD C-5 FLIG	RCRA Facility of Interest
270	MERIDIAN COMMONS	RCRA Facility of Interest
271	MARTINSBURG SEVENTH DAY ADVENT	RCRA Facility of Interest
272	BLUERIDGE COMM. AND TECH. COLL	RCRA Facility of Interest
273	BUTLER'S BRIDGE	RCRA Facility of Interest
274	TABLER STATION BUSINESS PARK A	RCRA Facility of Interest
275	AUBURNDALE SUBDIVISION	RCRA Facility of Interest
276	MERIDIAN POINTE PHASE 1C	RCRA Facility of Interest
277	THE SHEPHERD'S HOUSE	RCRA Facility of Interest
278	RIDGES AT TUSCARORA	RCRA Facility of Interest
279	ARDEN MANOR PHASE II	RCRA Facility of Interest
280	SHEWELS SITE PLAN	RCRA Facility of Interest
281	MARTINSBURG STATION - PHASE II	RCRA Facility of Interest
282	DELMAR GLEN	RCRA Facility of Interest
283	D. R. ACQUISITIONS	RCRA Facility of Interest
284	WV BROAD BAND GRANT #2672 (BE	RCRA Facility of Interest
285	MARTINSBURG STATION - PHASE IV	RCRA Facility of Interest
286	TABLER STATION BUSINESS PARK -	RCRA Facility of Interest
287	MANOR PARK	RCRA Facility of Interest
288	ARCADIA AVIATION, MARTINSBURG	RCRA Facility of Interest

Table 1: List of Regulated PSSCs

Arc Label	Source Name	Source Description
289	UPHOLSTERY EXCELLENCE	RCRA Facility of Interest
290	KUNKEL ADDITION MULTI-FAMILY C	RCRA Facility of Interest
291	KELLY ISLAND TOWNHOMES	RCRA Facility of Interest
292	AMERICAN LEGION BEKELEY POST 1	RCRA Facility of Interest
293	GRUBBS CORNER WATER TANK	RCRA Facility of Interest
294	WEST VIRGINIA UNIVERSITY EAST	RCRA Facility of Interest
295	[R3 FY12] ZION BUILDERS	RCRA Facility of Interest
296	ROSEMONT ELEMENTARY SCHOOL	RCRA Facility of Interest
297	[R3 FY12] BOLDUC HOME IMPROVEMENTS, LLC	RCRA Facility of Interest
298	SELECT USED AUTO EXCHANGE	RCRA Facility of Interest
299	ESSROC INTALCEMENTI GROUP	RCRA Facility of Interest
300	TABLERS STATION SUBSTATION	RCRA Facility of Interest
301	ALDI - MARTINSBURG WV	RCRA Facility of Interest
302	OLIVE GARDEN ITALIAN RESTAURAN	RCRA Facility of Interest
303	C & F RENTALS, LLC.- BUILD	RCRA Facility of Interest
304	ROGERS TIRE & AUTO	RCRA Facility of Interest
305	MILLER ENVIRONMENTAL INC	RCRA Facility of Interest
306	MCCARTHY TIRE	RCRA Facility of Interest
307	M AND J MOTOR CO LLC	RCRA Facility of Interest
308	JAMES RUMSEY VO-TECH SCHOOL	RCRA Facility of Interest
309	TRI-STATE PENTECOSTAL CHURCH	RCRA Facility of Interest
310	SUMMER HILL SUBDIVISION, SEC.	RCRA Facility of Interest
311	RIDGEFIELD	RCRA Facility of Interest
312	EASTERN WV REGIONAL AIRPORT-CO	RCRA Facility of Interest
313	WVU HEALTH SCIENCES - EASTERN	RCRA Facility of Interest
314	AMBER WOODS	RCRA Facility of Interest
315	MARTINSBURG OUTPATIENT SURGERY	RCRA Facility of Interest
316	WESTERN EXPRESS	RCRA Facility of Interest
317	BANK OF CHARLES TOWN WEST SIDE	RCRA Facility of Interest
318	MARTINSBURG SHOP	RCRA Facility of Interest
319	PIKEVIEW PUBLIC SERVICE INC	RCRA Facility of Interest
320	167AW/CES	RCRA Facility of Interest
321	SHENANDOAH VALLEY MEDICAL CENT	RCRA Facility of Interest
322	S MARTINSBURG I/C BRIDGE	RCRA Facility of Interest
323	CRESTFIELD - SECTION 1	RCRA Facility of Interest

Table 1: List of Regulated PSSCs

Are Label	Source Name	Source Description
324	MOUNTAIN CREST	RCRA Facility of Interest
325	APPLE KNOLLS ESTATES	RCRA Facility of Interest
326	ARDEN MANOR SUBDIVISION	RCRA Facility of Interest
327	CRESTFIELD-SECTION 2	RCRA Facility of Interest
328	HERITAGE GROVE SUBDIVISION - S	RCRA Facility of Interest
329	B & B SITE PLAN	RCRA Facility of Interest
330	MARTINSBURG SOUTH MIDDLE SCHOO	RCRA Facility of Interest
331	PRENTISS POINT TOWNHOUSES	RCRA Facility of Interest
332	PHEASANT RUN TOWNHOUSE APTS. L	RCRA Facility of Interest
333	DAY HOUSE SITE PREPARATION	RCRA Facility of Interest
334	FERNWOOD, SECTION 2	RCRA Facility of Interest
335	THE GALLERY SUBDIVISION (ADDIT	RCRA Facility of Interest
336	WOLFORD WOODS (LUTZ PROPERTY)	RCRA Facility of Interest
337	A & S WAREHOUSE	RCRA Facility of Interest
338	PATRIOT HILL SUBDIVISION	RCRA Facility of Interest
339	APPLE KNOLLS ESTATE	RCRA Facility of Interest
340	MARTINSBURG-CVS STORE NO. 0142	RCRA Facility of Interest
341	BATTERY MART	RCRA Facility of Interest
342	MANOR PARK	RCRA Facility of Interest
343	AMERICAN HOMES COMPLEX	RCRA Facility of Interest
344	PEBBLE RIDGE	RCRA Facility of Interest
345	PROPOSED CHICK-FIL-A RESTAURAN	RCRA Facility of Interest
346	MARC LAYOVER FACILITY	RCRA Facility of Interest
347	AIKENS PROFESSIONAL OFFICE BLD	RCRA Facility of Interest
348	MOUNTAINEER RACEWAY	RCRA Facility of Interest
349	THE GALLERY SUBDIVISION SECTIO	RCRA Facility of Interest
350	BERKELEY PLAZA AND AUTO PARTS	RCRA Facility of Interest
351	PROPOSED ASPHALT PROCESSING FA	RCRA Facility of Interest
352	SHENANDOAH VALLEY MEDICAL CENT	RCRA Facility of Interest
353	ORGILL DISTRIBUTION CENTER - B	RCRA Facility of Interest
354	MARTINSBURG MEDICAL OFFICE BUI	RCRA Facility of Interest
355	PIKESIDE MEADOWS SECTION E	RCRA Facility of Interest

Table 1: List of Regulated PSSCs

Arc Label	Source Name	Source Description
356	BROOKSIDE ESTATES	RCRA Facility of Interest
357	ASHCO STORAGE	RCRA Facility of Interest
358	ESSROC - MARTINSBURG CEMENT PL	RCRA Facility of Interest
359	HARVEST MANOR SUBDIVISION	RCRA Facility of Interest
360	TABLER STATION CONNECTOR	RCRA Facility of Interest
361	BERKELEY 2000 REC CENTER EXPAN	RCRA Facility of Interest
362	CENTRA BANK, NORTH MARTINSBURG	RCRA Facility of Interest
363	THE COMMONS SHOPPING CENTER	RCRA Facility of Interest
364	LDU FINAL SITE PLAN FOR WARM S	RCRA Facility of Interest
365	CABANA WEST TOWNHOMES	RCRA Facility of Interest
366	REZAIAN MEDICAL OFFICE BUILDIN	RCRA Facility of Interest
367	EASTERN WV REG. AIRPORT - CONS	RCRA Facility of Interest
368	CONSTRUCT TAXIWAY E	RCRA Facility of Interest
369	WESTVIEW BAPTIST CHURCH SITE P	RCRA Facility of Interest
370	STEPHEN HILL SUBDIVISION	RCRA Facility of Interest
371	ADVANCED AUTO PARTS-EDWIN MLL	RCRA Facility of Interest
372	MARTINSBURG AIRPORT - FUEL FAR	RCRA Facility of Interest
373	WALGREENS DESTINY POINTE	RCRA Facility of Interest
374	DESTINY BAPTIST CHURCH	RCRA Facility of Interest
375	LOGANS ROADHOUSE	RCRA Facility of Interest
376	WHEATLAND RD	RCRA Facility of Interest
377	COGAR-DULYEA COMMERCIAL CENTER	RCRA Facility of Interest
378	THOMAS SOMERVILLE CO.	RCRA Facility of Interest
379	CARRERA MEDICAL COURT SUBDIVIS	RCRA Facility of Interest
380	EDWIN MILLER OFFICE COMPLEX	RCRA Facility of Interest
381	STORMWATER POND ON FORBES DRIV	RCRA Facility of Interest
382	THE VILLAGES AT ROLLING HILLS	RCRA Facility of Interest
383	THE GALLERY SUBDIVISION	RCRA Facility of Interest
384	COURT HOUSE SQUARE, PRELIMINAR	RCRA Facility of Interest
385	MINGHIN'S GENERAL C	RCRA Facility of Interest
386	WHEATLAND ROAD	RCRA Facility of Interest

Table 1: List of Regulated PSSCs

Arc Label	Source Name	Source Description
387	ROCK VILLAGE TOWNHOMES	RCRA Facility of Interest
388	HOLIDAY INN COMPLEX RENOVATION	RCRA Facility of Interest
389	BPO ELKS LODGE NO. 778	RCRA Facility of Interest
390	MARTINSBURG LITTLE LEAGUE AT O	RCRA Facility of Interest
391	I-81 CONCRETE MEDIAN	RCRA Facility of Interest
392	CITY NATIONAL BANK	RCRA Facility of Interest
393	ROCKY LANE ROAD, U302-11-12.41	RCRA Facility of Interest
394	PANHANDLE HOME HEALTH, INC. (S	RCRA Facility of Interest
395	COURT HOUSE SQUARE APTS.	RCRA Facility of Interest
396	C-5 SITE IMPROVEMENTS & UT	RCRA Facility of Interest
397	RIDGES AT TUSCARORA	RCRA Facility of Interest
398	ROSEMONT ORCHARD SUBDIVISION	RCRA Facility of Interest
399	SHENANDOAH OFFICE PARK, LLC	RCRA Facility of Interest
400	MERIDIAN NORTH OFFICE BLDG.	RCRA Facility of Interest
401	APPLE VALLEY CHEVROLET/TOYOTA	RCRA Facility of Interest
402	WHITE DIAMOND	RCRA Facility of Interest
403	167AW PERIMETER PATH	RCRA Facility of Interest
404	84 LUMBER-MARTINSBURG RELOCATI	RCRA Facility of Interest
405	ESSROC FACILITY EXPANSION PAD	RCRA Facility of Interest
406	C5 FUEL CELL FACILITY	RCRA Facility of Interest
407	J. A. LOVELESS CO./LEE TRACE A	RCRA Facility of Interest
408	DEPARTMENT OF HOMELAND SECURIT	RCRA Facility of Interest
409	SITE PLAN FOR LOT 6 WHEATLAND	RCRA Facility of Interest
410	PROJECT JAVA	RCRA Facility of Interest
411	WVU HOSPITALS EAST , CITY HOS	RCRA Facility of Interest
412	7-ELEVEN #25306	RCRA Facility of Interest
413	RITE AID #3606	RCRA Facility of Interest
414	FERNWOOD SECTION 2 LOTS 31, 37, 38, 53 & 54	RCRA Facility of Interest
415	[R3FY13] - VERONICA VANSO	RCRA Facility of Interest
416	[R3FY13] - CAPITAL DEVELOPMENT ENTERPRISES, INC.	RCRA Facility of Interest
417	[R3FY13] - A.S.T. PAINTING	RCRA Facility of Interest
418	D & L WELDING, INC.	RCRA Facility of Interest
419	ESSROC CEMENT CORP	HPUQ

Table 1: List of Regulated PSSCs

Arc Label	Source Name	Source Description
420	ESSROC CEMENT CORP	HPUQ
421	ESSROC CEMENT CORP	HPUQ
422	ESSROC CEMENT CORP	HPUQ
423	ESSROC CEMENT CORP	HPUQ
424	ESSROC CEMENT CORP	HPUQ
425	CONTINENTAL BRICK COMPANY	HPUQ

Table 1: Public List of Regulated PSSCs

Arc Label	Site Name	PSSC Type
1	CONFIDENTIAL	LUST Site
2	CONFIDENTIAL	LUST Site
3	CONFIDENTIAL	LUST Site
4	CONFIDENTIAL	LUST Site
5	CONFIDENTIAL	LUST Site
6	CONFIDENTIAL	LUST Site
7	CONFIDENTIAL	LUST Site
8	CONFIDENTIAL	LUST Site
9	CONFIDENTIAL	LUST Site
10	CONFIDENTIAL	LUST Site
11	CONFIDENTIAL	LUST Site
12	CONFIDENTIAL	LUST Site
13	CONFIDENTIAL	LUST Site
14	CONFIDENTIAL	LUST Site
15	CONFIDENTIAL	LUST Site
16	CONFIDENTIAL	LUST Site
17	CONFIDENTIAL	LUST Site
18	CONFIDENTIAL	LUST Site
19	CONFIDENTIAL	LUST Site
20	CONFIDENTIAL	LUST Site
21	CONFIDENTIAL	Superfund Sites
22	CONFIDENTIAL	Mining Permit
23	CONFIDENTIAL	Mining Permit
24	CONFIDENTIAL	Mining Permit
25	CONFIDENTIAL	Mining Permit
26	CONFIDENTIAL	Mining Permit
27	CONFIDENTIAL	VCP
28	CONFIDENTIAL	VCP
29	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
30	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
31	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
32	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
33	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
34	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
35	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
36	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
37	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
38	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
39	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
40	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
41	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
42	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
43	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
44	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
45	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest

Table 1: Public List of Regulated PSSCs

Arc Label	Site Name	PSSC Type
316	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
317	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
318	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
319	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
320	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
321	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
322	CONFIDENTIAL	Resource Conservation and Recovery Act Facility of Interest
323	CONFIDENTIAL	Mining Permit
324	CONFIDENTIAL	Mining Permit
325	CONFIDENTIAL	Mining Permit
326	CONFIDENTIAL	Mining Permit
327	CONFIDENTIAL	Mining Permit