

## **Appendix A**

### **DEP Investigations, Cleanups and Monitoring Funded under HSCA**

Sites are listed alphabetically by County.

Site Name	Region	County	House	Senate	Threat	Status of Work
ADSCO	SC	Adams	193	33	Groundwater is contaminated with toxic volatile organic compounds (VOCs) from landfill leachate. Private water supply wells are impacted.	DEP is maintaining the residential water-supply treatment system, the landfill cap, methane control systems, and the leachate collection and treatment system. Clean Water approved the engineering design for the new treatment system in December 2022. Bids for contract work and equipment have been submitted.
Gettysburg Foundry	SC	Adams	91	33	Soil and groundwater are contaminated with salt and metals from the operation of this closed metal smelting facility.	DEP has completed remedial actions at the Site. In 2013, DEP recorded land use restrictions on some areas of the property with Adams County. DEP negotiated a Prospective Purchaser Agreement (PPA) with the Adams County Industrial Development Authority (ACIDA), which was signed on July 12, 2022. Under the PPA, ACIDA agreed to take the site through Act 2 and to pay DEP \$10,000 to satisfy DEP's lien on the property and to resolve Purchaser's liability for the unreimbursed response costs. The PPA Settlement Notice was published in the <i>Pennsylvania Bulletin</i> and the <i>Gettysburg Times</i> on August 13, 2022. No comments were received, and the Agreement became final and effective on October 25, 2022 with a notice letter to ACIDA. ACIDA's settlement check was received on November 4, 2022. DEP will begin the administrative process to remove this site from the Pennsylvania Priority List.
JC Cleaners	SC	Adams	91	33	Soil and groundwater are contaminated with toxic volatile organic compounds (VOCs), including tetrachloroethylene (PCE). The contamination threatens a public water supply well.	Semi-annual sampling of onsite wells and monthly sampling of Gettysburg Municipal Authority well no. 6 for VOCs continues. DEP is preparing amendments to the existing Statement of Decision to address vapor mitigation inside the facility building and groundwater clean-up goals from "baseline" to current Act 2 standards.

Keystone Metals Reduction	SW	Allegheny	33	38	Soils have been contaminated with uranium ore tailings from past radium recovery activities dating back to 1921.	The onsite business owner has not agreed to be temporarily relocated. DEP has completed a re-evaluation of potential remedial options that would be protective of human health and the environment using a numeric model to determine health-based risk at the Site. Based on the results of this re-evaluation, DEP is considering options that would not require demolition of buildings and relocation of the business. DEP prepared a site summary to brief the owners and discuss the new remedial options.
Mazzaro-McKees Rocks Landfill	SW	Allegheny	45	42	Soils and groundwater have been contaminated with toxic volatile organic compounds (VOCs), metals, polychlorinated biphenyls (PCBs) and polycyclic aromatic hydrocarbons (PAHs).	DEP evaluated remedial alternatives, obtained county health department approval, and prepared an Analysis of Alternatives and Engineering Design to address additional control of site-derived gases. A lateral trench system design was chosen to address gas migration as a supplement to the existing gas venting system. Construction of the remediation system was completed in early 2021. In general, the post-construction performance monitoring and ongoing monthly screening shows that landfill gas is being successfully intercepted from migrating offsite along the trench alignment areas. Analysis is planned for an isolated area with occasionally elevated gas levels.
Natrona Heights Gas Odors	SW	Allegheny	33	38	Soils and groundwater are contaminated with toxic volatile organic compounds (VOCs).	DEP investigations into soil and groundwater contamination began in February 2019. Six monitoring wells have been installed and sampling revealed VOC-impacted groundwater in the uppermost detected aquifer. Ground penetrating radar surveys revealed possible corroded underground storage tanks. Soil samples were non-detect. DEP is awaiting access in order to proceed.

Sto-Rox Groundwater Investigation	SW	Allegheny	27,45	42	Soils and groundwater are contaminated with toxic volatile organic compounds (VOCs). There is a threat of vapor intrusion to nearby residences.	The Site is approximately 150-acres of developed industrial, commercial, and residential buildings. Two commercial properties went through Act 2 and obtained relief of liability for some contaminants of concern. However, VOC contamination was attributed to other potential off property sources. Further investigation by DEP is planned.
CBS-Vanport	SW	Beaver	15	47	Soils and groundwater are contaminated with trichloroethylene (TCE). The contamination threatens the Vanport Township Municipal Authority public water system.	The Responsible Party stopped paying for the operation of air stripping towers at the Vanport Township Municipal Authority's water treatment plant where TCE contamination still exists in the aquifer. DEP's Site investigation is underway. A contractor was assigned to the site to complete the few remaining tasks to finish the site investigation. Additional groundwater sampling and a conceptual site model report was completed.
LTV Benzol Tank Area	SW	Beaver	16	46	Groundwater and soils have been contaminated by toxic volatile organic compounds (VOCs).	Site Investigation activities began in 2015. High levels of benzene in wells and soil vapor monitoring points prompted investigation of the nearby residential neighborhood. Due to access issues with the City of Aliquippa, the additional soil and vapor sampling have not been conducted. Once the soil vapor points are installed the preferential pathway for vapor can be determined.

Norfolk Southern Train Derailment	SW	Beaver	14	47	There is potential for contamination in soil and groundwater from various volatile organic compounds (VOCs).	On February 3, 2023, a train operated by Norfolk Southern Railway Company (Norfolk Southern) derailed in East Palestine, Ohio (Site) approximately 0.25-mile west of the Ohio-Pennsylvania State Line. Emergency response activities were conducted immediately following the derailment and are ongoing within Ohio. Due to the nature of the controlled burn, a plume of considerable size was observed throughout Pennsylvania and left soot and deposits miles away from the site. As a result of this and the potential for groundwater contamination, DEP began sampling activities on February 16, 2023 and will conduct a long-term site investigation of soil, groundwater and surface water.
Algonquin Chemical	SC	Berks	124	48	Groundwater and soils have been contaminated by toxic volatile organic compounds (VOCs).	The groundwater monitoring schedule to observe concentrations of Site-related VOCs was changed from semiannual to quarterly. Concentrations remain above the nonresidential used aquifer Statewide health standards in groundwater at the Site. A review of the monitoring well results since the fall of 2019 found that contaminant trends in some wells are increasing, the trends in some wells are stable, and the trends in some wells are decreasing. Monitoring of the groundwater will continue until an Act 2 standard for groundwater can be demonstrated at the Site. Institutional controls will be used to restrict the use of groundwater onsite and on the adjacent vacant property to the west the Site.

DeMarco Landscaping	SC	Berks	128	24	Groundwater is contaminated with tetrachloroethylene (PCE). Several residential wells are impacted.	DEP conducted a prompt interim response in 2013 to address residential well contamination. Three affected residential water supply wells were equipped with Point of Entry Treatment Systems. Property owners have since connected to a public water supply. DEP will prepare an Analysis of Alternative/Proposed Response document that evaluates the methods, cost, and implementation of providing an alternate water source to the impacted properties along Ben Franklin Highway and Riga Lane. Groundwater sampling for VOCs will continue at selected properties until a final response is implemented.
Noll Lane Battery Casing	SC	Berks	130	11	Soil is contaminated with lead from battery casings.	DEP conducted an interim response at the Site. Excavation of contaminated soil was completed in October 2017. In December 2018, additional work was conducted to reinforce the drainage swale. There are 12 properties where contamination exists above the cleanup standard and environmental covenants (ECs) are necessary. As of May 2023, 10 of the 12 required ECs have been recorded.
Northern Berks Battery Casings	SC	Berks	5, 130	48, 11	Soil is contaminated with lead from battery casings at three separate properties on Site.	DEP completed the Site Investigation in 2014 and three areas of contamination were found. Remedial work was completed in September 2019 and included a combination of soil excavation and soil capping to eliminate threats from the contamination. Environmental covenants are being prepared for all 3 areas.
Topton Site	SC	Berks	134, 187	11	Groundwater is contaminated with toxic volatile organic compounds (VOCs). Private water supply wells are impacted.	DEP is maintaining residential groundwater treatment systems and performing groundwater remediation through permanganate injections. Injections were completed in April 2023. Post injection

						groundwater samples will be collected in Summer 2023. Several additional site groundwater well sampling events will be conducted, then groundwater conditions will be evaluated to determine if continued permanganate injections are warranted. Sampling of the residential treatment systems was also completed during April 2023.
Sayre TCE and PCE	NC	Bradford	110	23	Soil and groundwater are contaminated with trichloroethylene (TCE) and tetrachloroethylene (PCE).	Previous investigations of groundwater and soil contamination by a third party have shown that there may be multiple sources of the TCE/PCE contamination. The area is served by public water. DEP installed shallow groundwater monitoring wells and soil gas monitoring points. Upon evaluation of data from the soil gas sampling points, vapor mitigation systems have been installed in one business building and 3 residences. Additional wells have been installed and data from these wells will be evaluated to determine whether additional steps are needed.
Easton Road PFC	SE	Bucks	143	10	Groundwater is contaminated with per- and polyfluoroalkyl substances (PFAS). Specifically, perfluorooctanic acid (PFOA) and perfluorooctane sulfonic acid (PFOS).	Following a 2020 Statement of Decision (SOD) selecting an interim response action, DEP installed whole-house carbon filtration systems on 11 residential properties exceeded the 2016 Health Advisory Level (HAL) for combined concentrations of PFOA and PFOS. DEP-installed carbon filtration systems are sampled at installation, and semiannually thereafter. Maintenance is performed as necessary, with carbon tank changeouts having been performed at 3 residences. Since July 2022, 91 total residences have been sampled, including the original 11 residences that exceeded the 2016 HAL. To date, 64 residences Sitewide have been

						<p>identified as exceeding the PA Safe Drinking Water Act Maximum Contaminant Levels at least once since sampling began in 2016. Many of those properties hadn't been sampled for several years, so they were sampled again to determine the need to be included in DEP's interim response action. Sampling conducted between July 2022 and May 2023, targeted those residences and included additional residences that have not been routinely sampled by DEP. Filtration systems have been installed at 34 residences, with 3 more anticipated by the end of May 2023. SERO is in the process of evaluating the next steps and sampling frequencies moving forward. For more information please visit: <a href="http://www.dep.pa.gov/eastonroad">www.dep.pa.gov/eastonroad</a></p>
Nockamixon TCE	SE	Bucks	145	16	<p>The groundwater is contaminated with toxic volatile organic compounds (VOCs) and 1,4-dioxane. Private water supplies are impacted.</p>	<p>DEP continues to monitor groundwater in the area. DEP tasked its contractor with evaluating alternative treatment technologies for addressing 1,4-Dioxane at three private wells. Filters at the three homes have been upgraded and quarterly filter monitoring at the homes is continuing to assure continued effectiveness. DEP has also tasked its contractor with evaluating options for addressing the source of the groundwater contamination in soil, bedrock, and groundwater. Soil/rock coring was completed in November 2022 at 2 source area locations to fill data gaps and help determine viable remedial approaches. In March and June 2022, TCE was detected 2 surface water samples on the source property and in the adjacent Nockamixon State Park. Follow up visits to these locations have revealed that they are hard to access due to heavy brush and surface water is only</p>



						present during seasonally wet conditions.
Railroad Drive TCE	SE	Bucks	178	6	Groundwater is contaminated with trichloroethylene (TCE).	Through a grant from DEP, the Township installed a public waterline to affected residences in June 2017. In July 2022, DEP completed its annual monitoring well sampling event. DEP is currently planning to abandon the 5 monitoring wells that remain on-site in May 2023.
Ridge Run PFAS	SE	Bucks	145	16	Groundwater, surface water, soil, and sediment are contaminated with per- and polyfluoroalkyl substances (PFAS). Specifically, perfluorooctanic acid (PFOA) and perfluorooctane sulfanic acid (PFOS).	In 2016, two North Penn Water Authority wells were found to be contaminated with PFAS. 17 residential properties are also impacted above the Maximum Contaminant Levels for PFOA and PFOS. DEP has installed 13 treatment systems to date. The systems are effectively removing PFAS. In February 2023, the Perkasio Regional Authority was awarded a \$3M PENNVEST grant to extend a public waterline to the Site and connect more than eighty homes, including those that have DEP installed filtration systems and/or are receiving bottled water. Construction is anticipated to begin in summer 2023. The grant will not fund the abandonment of the residential wells; DEP may reopen the administrative record to select the previously

						<p>considered waterline alternative, to fund the abandonment of the residential wells. In 2021, DEP initiated the pilot study of the installation of a permeable reactive barrier utilizing PlumeStop® to prevent the further migration of PFAS from a source area. Groundwater sampling is conducted quarterly. Results continued to show decreases of PFAS in downgradient monitoring wells. In March 2022, DEP performed a further investigation of the stormwater retention basins at the commercial property where the fire occurred. Sampling results indicated PFOA and PFOS are present in the retention basins. DEP is evaluating potential remedies for the soil contamination. <a href="http://dep.pa.gov/ridgerun">http://dep.pa.gov/ridgerun</a></p>
Bear Creek Chemical Site	NW	Butler, Armstrong	17, 63	41, 21	<p>Groundwater and soils are contaminated with resorcinol and sulfonic acids. Private water wells and a public water system were impacted. Contamination has been detected in streams throughout the disposal area.</p>	<p>All remedial activities are completed. Operation and maintenance (O&amp;M) activities were conducted as required at the Kelly Farm Disposal area and the Apple Road Site in the Summer of 2021. Cost recovery efforts and settlement proceedings have been completed for both Kelly Farm and Spitzer Pines sites through the approval and issuance of an Administrative Order and a Consent Order and Agreement. Annual inspections are conducted to determine need for additional routine O&amp;M requirements.</p>
Franklin Glass	NW	Butler	11	21	<p>Residential and recreation area soils are contaminated with arsenic from a glass manufacturing facility.</p>	<p>DEP completed an interim response to address contamination in Coal Run in September 2013. DEP continues to monitor the Site for vegetation and erosion issues. An Environmental Covenant for the Lighthouse Foundation property has been signed and recorded. DEP is currently working with the City of Butler and the Housing and</p>

						Redevelopment Authority of the County of Butler to get the Environmental Covenants for their properties signed and recorded. The City of Butler is currently in the design and permitting phase for improvements at Father Marinaro Park.
Hotham Property Home Heating Oil Release	NW	Butler	8	21	Potential impact to private water wells and indoor air quality from release of home heating oil (HHO).	DEP completed an emergency interim response action at the Site in October 2022 under Section 501(g) of HSCA. DEP's contractor removed all HHO/water mix from crawlspace of home, decontaminated all walls, excavated contaminated soils, disposed of all wastes off-Site, and confirmed through sampling that private water wells were not impacted. No further work in planned.
Shaler JTC	NW	Butler	17	21	Soils and groundwater are contaminated with toxic volatile organic compounds (VOCs) and metals.	Completed actions at the Site include demolition/disposal of structures and removal of lagoon wastes, drums, and aboveground and underground storage tanks. Contaminated soils were treated and capped with two feet of soil on-site. Bruin Borough residents were connected to the Petroleum Valley regional waterline. DEP conducts operation and maintenance activities to evaluate the effectiveness of the remedial actions. The Annual Post Closure Monitoring Report was finalized in February 2023.
AZR-ATSDR Investigation (American Zinc Recycling-Agency for Disease and Toxic Substances Registry)	NE	Carbon	122	29	Soil is contaminated with metals. Lead in play areas is the main concern.	Soil XRF screening and sampling for lead, cadmium, chromium, zinc, nickel and copper was conducted on ten different properties in October 2018. Traditional soil samples were collected from 18 of the 141 sampling locations for metals analysis. Samples were collected at the borough park from August 14-20, 2019 and a day care center on August 21, 2019. Based on the draft Site Investigation report, EPA,

						<p>ATSDR, Pennsylvania Department of Health and DEP agreed that the current risks at the park are low and risks at the daycare can be minimized with work to prevent direct contact (ex. additional soil, sod, or mulch added, etc.) done by the owner. In June 2021, the daycare owner emailed photos and a copy of the invoice to notify DEP that in May 2021, sod was placed over all the areas of concern on his property.</p>
Benner Township	NC	Centre	82	25	Groundwater is contaminated with per- and polyfluoroalkyl substances (PFAS).	<p>PFAS contamination has been found in water supply wells in both commercial and residential properties in the vicinity of the University Park Airport beginning with the first detection in 2019. A total of 30 residential water supply wells have been found to contain concentrations above the current standards, and as part of the Prompt Interim Response those homes were supplied with bottled drinking water until point of entry treatment systems (POETS) were installed. The last of the POETS was installed in May 2023. DEP continues its investigation into the extent of the plume as well as sampling of residential wells that have PFAS detections below current standards to observe trends. DEP initiated discussions with local municipal authorities to determine whether a water line extension to the impacted community is feasible. DEP, along with the municipal authorities, have concluded that installation of a water line at this time would be premature and should be reevaluated as further information is obtained, and a federal drinking water Maximum Contaminant Level is promulgated.</p>

Philipsburg Rod and Gun Club (PRGC)	NC	Centre	77	35	Groundwater, surface water and soils are contaminated with toxic metals.	The PRGC conducted trap shooting activities until about 2018. The surface soils of the site contained visually apparent, large areas of lead pellets up to several inches thick. DEP has conducted several investigations to determine remediation alternatives and chose a final remedy in 2021. Working with DCNR, DEP completed the remedial action which consisted of excavating impacted soils, screening out the lead pellets, and treating the contaminated soils to reduce the leachability of the lead to below acceptable disposal criteria. The final load of soil was transported off site in November 2022 and was followed by site restoration activities. After a significant spring storm in March 2023, additional erosion control measures were added to the site. Repairs related to erosion and final restoration are expected to be completed by Fall 2023.
Quality Service Cleaners	SE	Chester	13	19	Groundwater and soils are contaminated with toxic volatile organic compounds (VOCs). A private well and municipal supply well are affected.	In February 2016, under a Prompt Interim Response Action, DEP completed soil excavation, offsite disposal and site restoration work. Decommissioning of the Site's monitoring wells was completed in May 2022. An Environmental Covenant was recorded in June 2022 to prevent groundwater use and to ensure that the Vapor Intrusion pathway is addressed when redevelopment occurs. No further remedial action is planned.

Porter Elementary School Asbestos	NW	Clarion	63	21	Site contains uncovered friable and non-friable asbestos containing material (ACM).	The Site included a partially demolished, collapsed, and fire-damaged structure that contained uncovered friable and non-friable asbestos containing material (ACM). DEP completed a Prompt Interim Response in November 2021, which included building demolition and off-site disposal of all ACM to an appropriate landfill or waste facility. Disturbed areas were graded, seeded, and fertilized. The property was sold at the Clarion County tax sale in December 2021 to a nearby private school with a plan to construct athletic fields on the property.
Berwick Seep	NC	Columbia	109	27	Petroleum products seep into the Susquehanna River.	Rainbow sheens and bubbles of an oily product with a strong petroleum odor coming from the bank of the Susquehanna River adjacent to South Oak Street have been reported intermittently since the early 2000s. In October 2020, monitoring wells from the previous investigation were located and additional monitoring wells were installed in April 2021. Based on results from initial sampling, it was recommended to install product recovery systems, which were completed in May 2022. The recovery systems have been intercepting and removing the product prior to discharge into the Susquehanna River. To date, over 40 gallons of product have been recovered. Soil vapor monitoring points are scheduled to be installed in July 2023.
Saegertown PFAS	NW	Crawford	65	50	Groundwater is contaminated with Per- and polyfluoroalkyl substances (PFAS).	DEP began an investigation in 2022 by collecting samples from fourteen existing public water supply wells and monitoring wells in both October 2022 and January 2023. The draft investigation report has been received and is under review. Additional investigation

						activities are anticipated at the Site.
Schiller Site	NW	Crawford	65	50	Soil and groundwater are contaminated with toxic volatile organic compounds (VOCs) and metals.	DEP previously completed soil and groundwater remedial actions and continues to monitor treatment systems installed on private residential wells. The property was purchased, and DEP settled its lien on the property. An environmental covenant was placed on the property with land and groundwater use restrictions. DEP continues to monitor the effectiveness of remedial actions.
Ridgway Borough Municipal Landfill	NW	Elk	75	25	Soil and groundwater are contaminated with toxic volatile organic compounds (VOCs) and metals.	Since 2018, meetings have been ongoing with representatives for the Responsible Parties (RPs) to discuss necessary remedial actions to close out the landfill. The RPs have completed several steps over the past year including: a preliminary feasibility investigation of useable soils found on the property that could be used as soil cover for the closure of the landfill; a general closure plan for the landfill by construction of a landfill cap; and one round of groundwater and surface water samplings. DEP is working through the appeals of the Consent Order and Agreement with the Borough and Authority. The RPs plan to submit a revised Closure Plan to DEP by the end of summer 2023.
American Biodiesel Site	NW	Erie	1	49	Potential contaminants include volatile organic compounds (VOCs) from solvents, phenolic resin, polyurethane coatings, various titanium dioxide powders, and acids.	In November 2022, DEP Hazardous Sites Cleanup staff conducted a preliminary inspection of the Site noting numerous tanks, drums, totes, and bags of metal coating chemicals throughout the Site. A contractor has been assigned to conduct a structural assessment of the building, characterize, and inventory all

						waste materials and chemical products on Site, and properly dispose of those materials off Site. DEP anticipates cleanup activities to begin late Summer 2023.
Corry Avenue A Landfill	NW	Erie	6	21	Soil and groundwater are contaminated with toxic volatile organic compounds (VOCs), metals, arsenic and benzo(a)pyrene and have potentially migrated to adjacent wetlands, and two nearby creeks.	The Site was used as a disposal facility for industrial, municipal, and demolition wastes in the 1940s and 1950s. Over 100 deteriorating 55-gallon drums, exposed wastes, and scrap metal were observed. DEP completed a Site investigation in 2019, which included: installing monitoring wells; sampling of groundwater, surface water, and sediment; and digging test pits to identify the types, level, and extent of contamination on-Site. A final Site Investigation report was completed in March 2020. DEP initially met with the City of Corry in July 2020 regarding additional investigation activities and plans to revisit these discussions in the upcoming year.
Currie Landfill	NW	Erie	3	49	Soils, groundwater, and surface water are contaminated with toxic volatile organic compounds (VOCs).	DEP completed a remedial action at the Site. Consolidation of wastes and cleanup of Cascade Creek were completed in October 2013. The Site was turned over to the Millcreek Youth Athletic Association for use as athletic fields. DEP is working with the township to address the TForce Freight property that has not been properly characterized. DEP is currently conducting annual groundwater sampling on the Site
Erie Coke	NW	Erie	1	49	Tanks, drums, and piping on site contain PCBs, mercury, solvents, and corrosive liquids.	In Fall 2020, EPA initiated a Removal Action to address hazardous substances remaining in tanks, containers and piping posing the greatest threat to public health, welfare, and the environment. EPA completed its removal actions in November 2022. DEP conducted a site investigation of the surface water, soil, sediment, and subsurface groundwater and soil



						from April 2022 to March 2023. A final site investigation report is expected in July 2023. Additional site investigation activities are anticipated.
Filmore	NW	Erie	3	49	Soils, groundwater, and surface water are contaminated with metals.	DEP completed Site cleanup. Contaminated soil was excavated, isolated, and covered with two feet of clean soil and vegetation. DEP installed one additional monitoring well and completed groundwater sampling in the Summer of 2017. Property maintenance and groundwater monitoring is ongoing.
Hirtzel Road TCE	NW	Erie	4	49	Groundwater is contaminated with toxic volatile organic compounds (VOCs).	DEP completed a site investigation at the site from September 2022 to April 2023. The final site investigation report is expected from the contractor in July 2023. Additional site investigation may be needed to complete the site characterization and fully understand the fate and transport of the TCE plume at the site.
Lake City VOC	NW	Erie	4	49	Groundwater is contaminated with trichloroethylene (TCE). Public water supply wells are potentially threatened.	DEP conducted a comprehensive sampling event that started in October 2020 and was completed in March 2021. The sampling included 95 monitoring and potable wells, surface water and sediments from a local pond, and indoor air samples from one participating home. The groundwater plume has remained relatively stable and approximately the same size and currently does not intercept any of the potable water supply wells. The samples at the pond had no detections of contaminants. The indoor air sampling events proved to be inconclusive, so DEP is reviewing treatment technologies to improve the indoor air quality. DEP

						abandoned 77 monitoring wells that are no longer necessary and will monitor the groundwater plume with those that remain.
Presque Isle Chemical	NW	Erie	4	49	Soils and groundwater are contaminated with toxic volatile organic compounds (VOCs) and polychlorinated biphenyls (PCBs) from a defunct waste processing operation. Private water supplies were impacted.	DEP completed remedial actions for the soil and groundwater contamination. DEP operates and maintains the groundwater treatment plant, which treats approximately 100,000 gallons of water per week. Treated water is sampled twice per month for discharge permit compliance. DEP annually gauges and samples the monitoring well network of approximately 50 wells. Each year, DEP compiles all the year's sample data and events into an annual report. In this past year, several operation and maintenance activities were completed including: site clearing and grubbing; repair and testing of the groundwater treatment system's double check valve assembly (as required by Washington Township); and replacement of spent carbon from both the groundwater and air stripper exhaust treatment units.
Vallimont	NW	Erie	2	49	Soil, groundwater, and surface water are contaminated with toxic metals from a disposal area.	An erosion ravine was used as a disposal area that contains about 15 feet of waste. In 2018, DEP collected surface water, sediment, and soil samples. Numerous toxic metals were identified and exceeded the Statewide health standards. DEP finalized a Response Justification Document in January 2020 for further Site investigation and a removal action. DEP negotiated a consent order and agreement (COA) for cleanup with a responsible party (RP). The COA was finalized in May 2023 and the RP is expected to begin their cleanup in summer 2023.

Tomstown TCE	SC	Franklin	90	33	Groundwater is contaminated with trichloroethylene (TCE). Private water supply wells are impacted.	DEP issued a grant to Quincy Township to design and install a public water supply system at the Site. The distribution system and connections were completed in December 2016. DEP implemented a monitoring plan to track the groundwater contamination plume in the summer of 2018. Most of the monitoring wells and all private wells were abandoned in May 2019. No further monitoring of the groundwater plume is planned. DEP will begin the administrative process to remove this site from the PA Priority List.
Waynesboro TCE	SC	Franklin	90	33	The groundwater and soils are contaminated with trichloroethylene (TCE). Private water supplies wells are impacted.	A grant-funded waterline extension was completed in 2018. Additional investigation to determine the effectiveness of the remedy is being conducted in 2023 to determine the current and potential future impacts from contamination at the Site.
Punxsutawney Groundwater	NW	Jefferson	66	41	Soils and groundwater are contaminated with volatile organic compounds (VOCs), toxic metals and cyanide from prior electroplating activities.	Following EPA's initial site study and interim cleanup, DEP pursued additional investigative activities to evaluate all potential sources and exposure pathways. In 2006, DEP addressed the removal and off-site disposal of residual soil contamination, as well as waste materials found in floor pits that drained to the alleyway inside a former electroplating facility. That facility and one home were demolished and disposed off-site. Contaminated soils were removed, and all affected areas were backfilled and re-vegetated. DEP installed vapor remediation systems on two affected homes. DEP conducted two vapor intrusion studies in June 2018 and January 2019, and five homes participated in an indoor air quality (IAQ) study. All samples came back below DEP's IAQ screening limits. Although area residents use public water, DEP will

						continue monitoring of the groundwater every two years.
Marjol Battery	NE	Lackawanna	112	22	Site is contaminated with lead and other toxic metals from prior waste disposal practices.	The facility is under federal hazardous waste corrective action. DEP provided oversight of the final action at the Site. Wastes were consolidated and capped on-site. Based on the results of sampling, the wells were decommissioned in October 2020. DEP conducted the annual cap inspection in November 2022 and found the Site in good condition. Operation and maintenance activities are on-going.
Torch Lumber Mill	NE	Lackawanna	112	40	Site is contaminated with creosote and other wood preservative materials from previous operations.	DEP initiated Site Characterization activities in 2015. Following review of the characterization report it was determined additional characterization was warranted and those activities were conducted in October 2017 and February 2019. DEP conducted a Site visit in March 2022 to review the Site and determine additional work necessary to fill in data gaps and to fully delineate the horizontal and vertical extent of contaminants at the areas of concern. The additional site characterization investigation was conducted from October 17 <sup>th</sup> – 20 <sup>th</sup> , 2022. Site access and security remained an issue at the Site, therefore the installation of the Clark Avenue access/security gate occurred on November 5, 2022. DEP is currently awaiting the Site Investigation Report anticipated by May 2023.
Winship Road	NE	Lackawanna	113	40	Groundwater is contaminated with trichloroethylene (TCE) from illegal waste disposal.	DEP has completed response actions, which included removal of wastes and contaminated soil and installation of residential water supply treatment systems. DEP is currently monitoring and maintaining the residential treatment system on one property that continues to exceed the Maximum Contaminant Level for TCE. An access and maintenance

						agreement was signed to allow for property access and ensure future owners were made aware of the contamination. The most recent sampling of the residential treatment system occurred on May 9, 2023.
Berkley Products Plant	SC	Lancaster	43, 99	36	Groundwater and soils are contaminated with toxic volatile organic compounds (VOCs). The contamination has caused indoor air in nearby residences to be contaminated above health-based levels. Contaminated groundwater is discharging to a nearby stream.	DEP performed full-scale in-situ chemical oxidation groundwater injections in 2018 and 2019. Since that time, DEP and EPA agree that natural attenuation is present at the site but is limited in distribution and effectiveness. Annual groundwater sampling will concentrate on monitoring to better evaluate natural attenuation. However, a large mass of contamination resides beneath the building where access is limited and difficult to monitor and remediate.
Conestoga Pines Park	SC	Lancaster	96, 97	13	Groundwater and surface water are contaminated with trichloroethylene (TCE) and Per- and polyfluoroalkyl substances (PFAS).	Quarterly operation and maintenance inspections of the aerator and annual sampling of the unnamed tributary (UNT) is on-going. Annual UNT sampling shows a significant reduction in TCE concentration from the headwaters to the swimming pool complex. However, TCE in the UNT near the swimming pool complex has occasionally exceeded 5 ppb. In August 2021, DEP completed repairs to the three check dams and a thorough maintenance of the aerator system to further reduce TCE concentrations in the UNT. The City of Lancaster is preparing a redevelopment plan for the Conestoga Pines Park. PFAS contamination has been recently found in the UNT headwaters and will be investigated.

East Cocalico Township	SC	Lancaster	99	31	A public drinking water supply well is contaminated with trichloroethylene (TCE).	In May 2022, East Cocalico Township Authority well No. 10 was rehabilitated and returned to service and a nearby unused commercial well was sampled. In April 2023, DEP's Bureau of Safe Drinking Water mandated quarterly sampling for volatile organic compounds. No exceedances of Statewide health standards were reported. The source of the groundwater contamination has not been identified.
Intercourse TCE	SC	Lancaster	43	13	Groundwater and soils are contaminated with trichloroethylene (TCE). Private water supply wells are impacted.	DEP provided a public water supply (PWS) for the town of Intercourse. The first contract to install the distribution piping was completed in January 2018. The second contract for the treatment plant, water tower, and service connections was completed in September 2020. DEP transferred the system over to Leacock Township in September 2021. DEP will monitor sentinel wells around the PWS wells quarterly for the next year. In the Spring of 2021, DEP initiated another investigation to determine the source of the areawide TCE contamination.
Raymark Lower Mill Landfill	SC	Lancaster	37	36	Waste contains toxic metals and asbestos.	Currently, only operation & maintenance is performed at the site, which includes maintaining the landfill's cap. Groundhog burrows are a continuous problem but are addressed through fumigation. Mowing of the landfill's cap is scheduled for July of each year and a site inspection follows.
Remacor	NW	Lawrence	9	50	Site is contaminated with flammable materials, toxic metals, and radiological materials.	DEP completed demolition and waste sorting activities in September 2019. Contamination persists in the soil and groundwater across the Site. Also, some radioactive materials remain buried. DEP has requested EPA's assistance to complete subsurface remediation utilizing dedicated funding collected through cost recovery settlements with Site

						responsible parties. EPA's initial work will include filling in data gaps where on-Site buildings were previously located with the goal of removing surface soil contamination and immediate threats to human health and the environment. EPA conducted gamma walkover surveys and soil sampling in late spring/summer 2022. DEP anticipates receiving those results in 2023.
High Quality Plating	NE	Lehigh	131	16	Groundwater is contaminated with toxic volatile organic compounds (VOCs). Private water supply wells are impacted.	DEP was performing operation and maintenance (O&M) on the residential water supply treatment systems. Sampling occurred in April 2022 and environmental covenants (ECs) were placed on the affected properties. On June 7, 2022, QASIM Properties LLC became the new owners of the Site. A signed EC was filed in the Lehigh County Recorder of Deeds Office on July 12, 2022. The owners will now be responsible for O&M. Monitoring well sampling was conducted in November 2022 and May 2023. Residential well treatment system sampling occurred in August 2022, December 2022 and May 2023.
Lower Broadway	NE	Luzerne	119	20	Groundwater and soils are contaminated with metals, PCBs, toxic volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOCs).	Site characterization activities were initiated in 2018 and require further delineation. Multiple media impacts (soils, sediments, groundwater and surface water) have been noted. DEP is currently working to finalize a preliminary Site Characterization Report to determine the best pathway forward to finish the characterization and select a remedial remedy. The report is expected to be completed in the summer of 2023.

Mid Atlantic Coast Delivery	NE	Luzerne	117	29	Soils and groundwater are contaminated with metals, toxic volatile organic compounds (VOCs) and polychlorinated biphenyls (PCBs).	Groundwater and soils at the Site appear to be impacted from the operation of the former Christmas wreath manufacturing processes. Site Characterization activities are still ongoing, with a Work Plan for additional characterization activities expected to be submitted to DEP in May 2023.
Valley View Wood Products	NE	Luzerne	117	27	Abandoned demolition waste contains lead. Soils are contaminated with lead.	DEP has acquired assistance from the Bureau of Investigations with locating and interviewing former Valley View Wood Product employees. The investigation is being conducted in order to obtain information related to the contaminated wood materials that were brought onto the Site and assist with identifying assets or potential responsible parties for financial reimbursement. An Analysis of Alternatives and Proposed Response is being drafted.
C.G. Wood	NW	Mercer	7	50	Groundwater is contaminated with toxic volatile organic compounds (VOCs).	DEP completed facility demolition and contaminated soil removal in 1998. In 2005, DEP and the current owner entered into a consent order & agreement which establishes use limitations on the Site. Groundwater, surface water, and sediment contamination remain at the site. DEP has been performing operation and maintenance activities since 2012. Further investigation was completed in 2022 to assess any remaining source areas of VOCs, which continue to impact groundwater or surface water. The investigation report is under review.
Yuhas Dump	NE	Monroe	115	40	Soils, surface water and groundwater are contaminated with toxic metals and volatile organic compounds (VOCs).	DEP's interim response actions at the Site are complete. DEP will continue Site inspections and periodic operation and maintenance (O&M) until the property owner takes over the responsibilities. In April, DEP notified the new property owner of the status of this property,



						including the contamination and his O&M requirements as the property owner. A copy of a Consent for Access Form was sent to the owner, and the signed form was returned and received by DEP on May 9, 2023. An environmental covenant is being prepared for the property owner to sign.
Alderfer Landfill	SE	Montgomery	53	12	Groundwater is impacted with volatile organic compounds (VOCs), Metals, polycyclic aromatic hydrocarbons (PAHs), and alpha- and beta-emitting thorium slag.	DEP cleared overgrown vegetation from the landfill fence line in March 2022 and abandoned the monitoring wells in June-July 2022. During this work, damage to the gabion wall was discovered. In September 2022, materials from the well abandonment activities were removed from the property. In January 2023, DEP met with a development company to discuss potential reuse for the Site; repairs to fix the gabion were put on hold while the prospective buyer contemplated their options to buy the property.
Boyertown Landfill	SE	Montgomery	147	24	Methane and methyl mercaptan have been detected in the ambient air at the landfill and at adjacent residential properties. Per- and polyfluoroalkyl substances (PFAS), specifically perfluorooctanic acid (PFOA) and perfluorooctane sulfonic acid (PFOS), were detected above the Health Advisory Level in the landfill leachate, groundwater, and surface water.	In November 2022, in anticipation of the finalization of DEP's maximum contaminant levels (MCLs) for PFOA and PFOS, the six residential wells with exceedances of PFOA were offered bottled water. In April 2023, DEP initiated a prompt interim response to install point of entry treatment (POET) systems for residential wells with exceedances of the MCLs. DEP is in process of installing the POET systems and is conducting additional residential sampling at the Site. DEP is planning to hold a public hearing on the response on June 21, 2023. The Administrative Record will be open for comment from May 13, 2023 until August 11, 2023. DEP conducted a surface and sub-surface investigation of the landfill gas which indicated that methane and hydrogen sulfide were present and emitting from the landfill's leachate collection

						system into the air; sub-surface migration of methane was not detected. Repair and restoration of the landfill gas management system is needed and the need for additional assessment is being evaluated.
Hoff VC	SE	Montgomery	147	24	Groundwater is contaminated with toxic volatile organic compounds (VOCs). Private home wells are impacted.	In 2019, DEP initiated an in-situ remediation pilot study to address remaining groundwater contamination. In November 2020, sodium and potassium persulfate and iron were injected into the shallow groundwater in the vicinity of the concrete pit. Quarterly sampling of the groundwater was performed. In September 2021, DEP began a passive phase of a pilot study to determine the effectiveness of in-situ slow-release chemical sleeves as a method of long-term remediation of the contaminants. In May 2022, DEP performed a second set of injections using a slightly different persulfate mixture. Sampling in November 2022 showed decreased concentrations of contaminants in the groundwater in the source area. DEP continues to sample the Site on a routine basis.
Macoby Creek	SE	Montgomery	131	24	Groundwater is contaminated with toxic volatile organic compounds (VOCs). A private water supply well is impacted.	DEP initiated an in-situ bioremediation pilot study in 2016. The initial injection of zero valent iron and nutrients was found to decrease concentrations of VOCs at the Site. DEP conducted additional injections in Summer 2018 to further address the remaining VOC contaminated groundwater. DEP is continuing to remediate the remaining elevated concentrations via in-situ bioremediation slow-release canisters that are installed in six wells onsite. The canisters are reported to be effective for 6 – 9 months, and concentrations of VOCs have decreased more than 90% sitewide. DEP intends to continue performing regular

						sampling and replacement of the slow-release canisters at the Site.
American Fuel Harvesters	NE	Northampton	138	18	Site is contaminated with lead waste disposed by a defunct demolition waste processing facility.	DEP completed remedial actions at the Site in 1999 and is maintaining the landfill cap. Monitoring well sampling was conducted in October 2018. Based upon these results, which were below cleanup standards, and the trends in the wells, DEP abandoned the monitoring wells in January 2019. Vegetation control was performed in May and October 2022. DEP is currently searching for a new contractor to conduct the vegetation control.
Herceg Landfill	NE	Northampton	138, 137	14, 18	Groundwater is contaminated with volatile organic compounds (VOCs) and inorganic metals. A private water supply well is impacted.	DEP is operating the leachate treatment system and conducting annual sampling and operation and maintenance activities. Treatment for the high ammonia discharge is ongoing but is still above the permitted discharge limits. In an attempt to reduce ammonia levels; lagoon sludge removal, installation of additional aerators in each lagoon, and installation of rip-rap in the discharge channel occurred in 2021. Ammonia levels were only slightly reduced so other options are being considered. DEP is currently studying the leachate seasonal conditions to determine the best option for treatment. The Annual Monitoring and Residential Well sampling events occurred in May 2023.

Milton GW Investigation	NC	Northumberland	108	27	Site groundwater is contaminated with chlorinated solvents.	DEP retained a contractor for the purpose of performing investigation into the presence and extent of the contaminated overburden and bedrock groundwater plumes. Seven overburden and 3 bedrock monitoring wells were installed and sampled in April 2022. Results have consistently shown concentrations of site-related contaminants below screening levels for vapor intrusion. DEP has requested that an additional year of data be collected, which may also provide information for the investigation of an adjacent plume.
Port Richmond Gate	SE	Philadelphia	177	2	Soil at the Site is contaminated with toxic inorganic compounds.	In 2011, DEP excavated and capped contaminated soils and implemented land use restrictions via environmental covenants at 50 properties. During the Fall of 2017, a consent agreement was finalized with a developer to settle DEP's past response costs. In the spring of 2018, a separate settlement was reached with another developer. All necessary institutional controls are in place. No further remedial action is planned.
Crown Industries	NE	Pike	139	20	Groundwater and soils at this Site have been contaminated with toxic volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs) and dioxins. Private water supplies were impacted.	In September 2022, a plan to evaluate the Site and conduct additional characterization efforts was submitted by E.R. Linde Construction Corp and is expected to be initiated in the summer of 2023. Pending the findings of those activities, ER Linde/Leeward Construction and its contractor, DEP's Bureau of Abandoned Mine Reclamation, and Hazardous Sites Cleanup Program will work together to determine any additional characterization that may be necessary prior to moving to the remedial action phase.

Coudersport GW Investigation	NC	Potter	67	25	Soil and groundwater are contaminated with tetrachloroethene (PCE), Trichloroethene (TCE), and 1,2-dichloroethane (1,2-DCA) causing concerns for indoor air contamination at nearby residences.	DEP is conducting a groundwater investigation in the neighborhood immediately surrounding the new Tractor Supply property. The investigation will include installation of groundwater monitoring wells to determine concentrations of PCE, TCE and 1,2-DCA. Eight monitoring wells are planned, and pending results of samples collected from these wells, DEP will make decisions on further sampling needs. DEP is currently awaiting an updated Work Plan from its contractor. The goal is to install and sample the monitoring wells by Fall 2023.
Labant Property	NC	Potter	67	25	Groundwater is contaminated with heating oil.	DEP was notified of the presence of high concentrations of heating oil in a residential water supply well in October 2021. DEP's response was to install a whole house, point of entry treatment (POET) system, however a failed valve in that system caused the product to breach the filtration system. There is currently a measurable layer of product on the supply well resulting in the need for a treatment design that includes removal of product prior to filtration. DEP is awaiting a proposal from the contractor at this time.
Ashland Metals	NE	Schuylkill	123	29	Soils are contaminated with lead and toxic metals from a defunct battery and metal recycling operation.	DEP has completed interim remedial actions and continues to monitor the Site and maintain the landfill cap and surface water collection system. The new property owners will be contacted regarding the operation and maintenance of the landfill cap. In May 2022, DEP visited the Site and found Monitoring Well 3 had been damaged. DEP will be assessing the replacement of the well and evaluating the other Site related infrastructure as well as future sampling to

						determine what will be necessary. DEP plans to address the Site vegetation and complete any additional Site related activities.
Coaldale MGP	NE	Schuylkill	124	29	Soils are contaminated with coal gasification waste consisting of volatile and semi-volatile compounds.	DEP is proposing a limited removal action and an environmental covenant to limit the use of sub-grade soils and groundwater. A Site Characterization Report was submitted November 18, 2018. DEP is evaluating next steps based upon the risk analysis. DEP has drafted an Analysis of Alternatives and is discussing the permitting needs for in-stream work.
Frackville Area Site	NE	Schuylkill	123	29	Soils and groundwater are contaminated with per- and polyfluoroalkyl substances (PFAS) and toxic volatile organic compounds (VOCs), including tetrachloroethylene (PCE). Private and public water supplies were impacted.	DEP sampled residential wells in 2021 and identified over 40 impacted wells. Impacted homes are currently receiving bottle water deliveries until a more permanent solution can be implemented, such as connecting to the public water supply. Access agreements are currently being pursued with the Schuylkill County Fire Fighting Training Facility and the former St. Jude's Polymer facility to investigate, characterize and delineate the extent of PFAS contamination.
Giordano Waste Materials	NE	Schuylkill	123	29	Soils are contaminated with metals.	A scope of work for operation and maintenance (O&M) activities has been drafted. The O&M plan was on hold pending potential purchase of this Site and the Ashland Metals Site, which has not occurred. A Site visit in May 2022 noted that small trees in the drainage ditch will need to be removed. DEP plans to address the Site vegetation and complete any additional Site-related activities.
Schuylkill Haven MGP	NE	Schuylkill	123	29	Groundwater and soils are contaminated with coal gasification waste substances. Contaminated groundwater is discharging to nearby	DEP completed the site investigation and prepared an Analysis of Alternatives and Proposed Response to address existing soil and groundwater contamination. The proposed response includes installation of

					streams and there is a threat of vapor intrusion into nearby buildings.	an armored cap over the coal tar seep area and an environmental covenant to prevent disturbance of the area. A field inspection occurred in April 2021. Next steps for this site are being discussed.
Former Erie Railyard	NE	Susquehanna	111	20	Groundwater and soils are contaminated with coal gasification waste substances.	The Site was selected as a Brownfields pilot project by a joint DEP/DCNR/DCED taskforce. Borough contractors installed the fencing, walking trails, building foundations, waste receptacles, and lighting for the park. Environmental Covenants were placed on 14 parcels owned by eight property owners in 2021. The project was completed in August 2021 and a ribbon cutting ceremony for the Ira Reynolds Park was held in September 2021. Compliance with EC AUL requirements is verified with semi-annual site visits to non-responsive owners, and letters received from responsive property owners.
Laurel Lake PCE	NE	Susquehanna	111	20	Groundwater is contaminated with toxic volatile organic compounds (VOCs). Private water supply wells are impacted.	Monitoring well installation and Site survey activities were completed in 2021. Point-of-entry treatment systems were installed in the affected homes and sampling continues as these seasonal vacation homes are occupied. Site characterization activities were initiated in October 2019 including soil borings and monitoring well installations to identify the source area of the contamination and delineate the threat to human health and environment. A Site Investigation Report is anticipated by May 2023.
Keystone Castings	NW	Venango	64	21	Groundwater and soils are contaminated with metals.	In September 2019, DEP began Site investigation activities of the foundry, which determined that Site soil and groundwater contain metal concentrations above respective Statewide health standards across the Site at varying depths. Additional groundwater sampling occurred

						in November 2020 and an Analysis of Alternatives was completed in 2022. Following a Macroinvertebrate Study this summer 2023 by DEP's Clean Water Program, DEP will evaluate the best alternative to address the contamination at the Site.
Venango County Park	NW	Venango	64	21	Soils are contaminated with lead, arsenic, chromium, cadmium, cobalt, vanadium.	The Site is an inactive, unlined landfill that is heavily vegetated with unrestricted access. In 1995, DEP sampled soil at the Site and found lead, arsenic, chromium, cadmium, cobalt, and vanadium above Statewide health standards. DEP completed site soil, groundwater, and surface water investigation activities and issued a final characterization report in 2021. A Conceptual Cost Estimate and next steps for a removal action were discussed with the Venango County Commissioners in Summer 2022. An Analysis of Alternatives was completed in May 2023 and the interim response is planned for Fall 2023 to address the Drum Area and Foundation Debris Area.
American Zinc Company Site (AZC)	SW	Washington	46	46	Surface piles, soil, surface water, and groundwater are contaminated with lead, zinc, cadmium, copper, antimony, arsenic, and other metals from waste generated by a former zinc smelter.	DEP signed two mixed-funding consent agreements with the responsible party (RP). DEP agreed to pay for 40% of the Site investigation, cleanup plan, and remediation costs. The RP is actively conducting Site remediation. From May 2022 to early 2023, wetland construction, stream stabilization, final grading and topsoil covering were the primary activities at the site. Proposed for the 2023 construction season will be one of the final remedial pieces which is the installation of the sulfate reducing bioreactor.
Brookhaven MHC Site	SC	York	47	28	Groundwater is contaminated with volatile organic compounds (VOCs),	Groundwater VOC contamination has been found in a public water supply and adjacent business above the



					specifically tetrachloroethene (PCE) at two properties.	residential used aquifer Statewide health standards for groundwater. The public water supply is going through enforcement with DEP's Safe Drinking Water Program to add treatment to their system, and the business has installed a point-of-entry treatment system. The source and extent of contamination will be investigated by DEP.
Newberry Township PFC	SC	York	92	31	Groundwater and surface water are contaminated with per- and polyfluoroalkyl substances (PFAS), specifically perfluorooctanic acid (PFOA) and perfluorooctane sulfonic acid (PFOS).	Sampling of monitor wells, private wells, springs, surface water, soil and biosolids for PFAS and other compounds is ongoing. Water in 13 of the 90 private wells sampled to date exceeded one or both of the new Pennsylvania Maximum Contaminant Levels (MCLs) for PFOA and PFOS. The exceedance of the MCLs resulted in a Prompt Interim Response to provide PFAS-free water to the impacted properties and the preparation of an Analysis of Alternatives.
Industrial Solvents and Chemical Company (ISCC)	SC	York	92	31	Groundwater and soils are contaminated with volatile organic compounds (VOCs). Private water supply wells were impacted.	DEP replaced impacted private water supplies and completed remedial actions for waste and soil contamination. DEP installed vapor mitigation systems. Deed notifications have been recorded with the York County Recorder of Deeds. DEP will carry out an overall assessment of the Site to determine if the site meets Act 2 cleanup standards and whether additional remedial action is necessary. On-site monitoring wells were sampled for per- and polyfluoroalkyl substances (PFAS) and some exceed PA maximum contaminant levels made effective in January 2023. Future monitoring at the site may require the inclusion of PFAS compounds. The property owner continues asphalt cap inspection and maintenance responsibilities.

**Key:**

- Region            SE - Southeast Region
- SC - Southcentral Region
- SW - Southwest Region
- NE - Northeast Region
- NC - Northcentral Region
- NW - Northwest Region