

Appendix B

Cleanup Activities by Responsible Parties (RPs)

Sites are listed alphabetically by County.

Site Name	Region	County	House	Senate	Threat	Status of Work
Eastmont Dry Cleaners	SW	Allegheny	25	45	Soil and groundwater are contaminated with trichloroethylene (TCE) at this closed dry cleaner. Nearby homes have been impacted with vapor intrusion.	DEP entered into a consent agreement with the property owner to perform an investigation and remediation. A review of the 2-year post injection data summary report in 2020 revealed that while progress had been made, more work is needed. Further delineation of the plume and monitoring groundwater will be beneficial to understand the extent of the contamination. DEP has requested a 4th post injection event.
Hopewell VFW Range	SW	Beaver	16	46	Soil and groundwater are contaminated with lead from shot waste.	A social hall and gun range have operated at the Site since 1967. Nearby residents are served by private wells. Ongoing sampling has been conducted since 2016. In 2018, a consent order and agreement was agreed upon, which mandated the VFW to implement EPA's Best Management Practices for Outdoor Shooting Ranges. However, a November 2019 inspection revealed that the VFW had not instituted any of the corrective actions. In October 2020, soil remediation was conducted by screening out bullets and treating the soil with Enviroblend. In late 2020, soil sampling of two areas of concern was conducted. Lead was found to be over the Statewide health standard and as high as 15,900 mg/kg. A groundwater study will be conducted at the Site.
UGI Utilities, Birdsboro	SC	Berks	130	11	Site is contaminated with coal gasification process waste.	Additional investigations were conducted to refine the limits of the remedial activities; interim remedial work plan for soil excavation was implemented with completion report submitted. Quarterly groundwater sampling was performed.

Site Name	Region	County	House	Senate	Threat	Status of Work
UGI Utilities, Boyertown	SC	Berks	130	24	Site is contaminated with coal gasification process waste.	Access agreements were secured for on/offsite properties; supplemental investigations were performed including installation of bedrock monitoring wells and pre-remediation test borings.
UGI Utilities, Reading Holder Site	SC	Berks	126, 127	11	Site is contaminated with coal gasification process waste.	Additional investigations were conducted to refine the limits of the remedial activities; interim remedial work plan for soil excavation was implemented with completion report submitted.
UGI Utilities, Reading Manufactured Gas Plant (MGP)	SC	Berks	126, 127	11	Site is contaminated with coal gasification process waste.	During 2022, various environmental assessments were performed to determine MGP impacts; geophysical, test pits and borings, groundwater monitoring well installation and sampling.
UGI Utilities, Perkasio	SE	Bucks	145	10	Site is contaminated with coal gasification process waste.	The initial investigation report was completed in 2019. Supplemental investigation workplan development and implementation is pending consultant selection.
Perkasio Area TCE	SE	Bucks	143	16	Groundwater in the area is contaminated with trichloroethylene (TCE) from multiple sources. Vapor intrusion is the main pathway of concern.	Multiple properties at the Site have gone or are going through Act 2 for residential and mixed-use redevelopment. In November 2021, DEP approved a remedial investigation report and a Soils Management Plan by a Responsible Party (RP). In March 2023, that RP submitted a revised Cleanup Plan to resolve deficiencies in its July 2022 revision, which were identified in an October 2022 letter. DEP is closely monitoring efforts to address vapor intrusion at the former Delbar property and has collected stipulated penalties associated with violations of its Consent Order & Agreement and Prospective Purchaser Agreement.

Site Name	Region	County	House	Senate	Threat	Status of Work
UGI - Central Penn Gas, Bellefonte	NC	Centre	171	34	The Site is contaminated with coal gasification process wastes. Groundwater contains dense non-aqueous phase liquid (DNAPL).	On-site soil management activities were performed in conjunction with new office building construction on the property. Draft remedial investigation report addendum was developed and pending submission to DEP.
Bishop Tube	SE	Chester	167	44	Soils, surface water and groundwater are contaminated with trichloroethylene (TCE). Perfluorooctanoic acid (PFOA) was detected in groundwater and surface water.	The Site is the subject of three, ongoing legal actions in three judicial forums, some of which are still in discovery. On September 21, 2022, DEP filed its Statement of Decision and Response to Public Comments. DEP will address soil, groundwater/surface water, and the affected residential supply well as separate operable units in a phased approach and to remediate the Site to a combination of the Act 2 standards, including background, Statewide health standards, and site-specific standards. For more information please visit: www.dep.pa.gov/bishoptube
UGI - Central Penn Gas, Oxford	SE	Chester	13	19	Site is contaminated with coal gasification process waste.	Act 2 final report was approved by DEP. Monitoring well closures pending.
UGI - Central Penn Gas, Clearfield Boro	NC	Clearfield	76	25	Site is contaminated with coal gasification process waste.	Act 2 final report was approved by DEP. Environmental Covenant recordation and monitoring well closures pending.
UGI - Penn Natural Gas, Bloomsburg	NC	Columbia	109	27	Site is contaminated with coal gasification process waste.	Interim Remedial Measure completion report and Supplemental Investigation Work Plan was submitted and implemented.
UGI Utilities, Harrisburg	SC	Dauphin	103	15	Site is contaminated with coal gasification process waste.	The initial investigation work plan was approved in 2017. Access negotiations and the work plan implementation are pending.

Site Name	Region	County	House	Senate	Threat	Status of Work
UGI Utilities, Harrisburg (Peoples)	SC	Dauphin	103	15	Site is contaminated with coal gasification process waste.	Supplemental investigation suggested that additional assessment is needed to fully characterize the site. Work Plan submitted and approved. Additional access agreements are needed to perform work. Those negotiations are underway.
UGI Utilities, Middletown	SC	Dauphin	106	48	Site is contaminated with coal gasification process waste.	Interim Remedial Measure completion report and Supplemental Investigation Work Plan was submitted and implemented.
UGI Utilities, Steelton (Franklin St)	SC	Dauphin	103	48	Site is contaminated with coal gasification process waste.	On-site soil management activities were performed in conjunction with maintenance/earthmoving activities that occurred during normal operations at the facility. Stormwater and groundwater analysis performed. Reports pending submittal to DEP.
UGI Utilities, Steelton (Lochiel Alley)	SC	Dauphin	103	48	Site is contaminated with coal gasification process waste.	The initial investigation work plan was approved in 2017. Access negotiations and the work plan implementation are pending.
East Tenth Street	SE	Delaware	159	9	Groundwater is contaminated with toxic volatile organic compounds (VOCs) and polychlorinated biphenyls (PCBs).	A Notice of Intent to Remediate was submitted in March 2021. The Responsible Party (RP) is implementing a Cleanup Plan approved by DEP in April 2022. The final cleanup will involve targeted soil excavation, engineering and institutional controls and attainment of certain Statewide health standards. The RP is coordinating these remediation efforts with a new owner of a large portion of the property (Duke Realty) which is redeveloping the property into a warehouse/logistics facility. The owner/developer is working with DEP to document cleanup of wastes and contamination identified during the ongoing redevelopment activities. After receiving DEP's concurrence, EPA de-proposed the Site from the National Priorities List in September 2022.

Site Name	Region	County	House	Senate	Threat	Status of Work
GE Static Power	SE	Delaware	163	8	Groundwater is contaminated with toxic volatile organic compounds (VOCs).	Further Vapor Intrusion (VI) investigation, including sub-slab and indoor air sampling, was warranted. The Site building and three offsite properties were found to have unacceptable risk from VI, and mitigation systems were installed. Access issues have prevented the completion of the VI investigation. In October 2021, DEP issued access orders for two residential properties after multiple attempts to secure a voluntary access agreement were unsuccessful. The property owners declined to cooperate with the orders at that time. Continued efforts to obtain access resulted in General Electric (GE) successfully sampling one of the disputed properties in January and March 2023. The results obtained from those sampling events indicate that the contaminants of concern are below screening levels, and GE appears to have adequately evaluated VI at this property. DEP is working to gain access to the remaining property or enter into an environmental covenant with the owner that would provide notice to future owners of the need to assess VI at this property.
UGI – Central Penn Gas, Huntingdon	SC	Huntingdon	81	34	Site contaminated with coal gasification process waste	Project complete. Environmental covenant inspections pending.
UGI - Penn Natural Gas, Carbondale	NE	Lackawanna	114	22	Site is contaminated with coal gasification process waste.	Project complete. Environmental covenant inspections pending.

Site Name	Region	County	House	Senate	Threat	Status of Work
Ivy Industrial Park	NE	Lackawanna	114	22	Groundwater, soil, and surface water are contaminated with toxic volatile organic compounds (VOCs). Approximately 200 private water supply wells are impacted and have been provided temporary treatment systems.	The responsible parties (RPs) completed the installation of a waterline to affected homes in April 2017. Environmental covenants and treatment systems were placed on 19 properties that did not want public water. Except for wells that were retained as part of the sampling program, abandonment of the contaminated wells is complete. An additional nineteen (19) wells were discontinued from the sampling program in 2021 and are expected to be properly abandoned in 2022. RP Sandvik Materials Technology LLC has changed its name to Alleima USA LLC and the consent order and agreement for Sandvik was amended to reflect the name change. The RPs continue a post-waterline groundwater monitoring program of private and on-site monitoring wells.
UGI - Penn Natural Gas, Scranton Bridge Street	NE	Lackawanna	112, 113	22	Site is contaminated with coal gasification process waste.	Quarterly NAPL recovery events continued through 2022. Interim Remedial Measure Work Plan was approved and implemented to remove tar separator. The associated completion report was submitted and approved by DEP. Geotechnical Investigation Work Plan was submitted for design of low permeability barrier to mitigate NAPL discharge to surface water.

Site Name	Region	County	House	Senate	Threat	Status of Work
Precision National Plating Services	NE	Lackawanna	114, 118	22	Groundwater is contaminated with chromium.	The responsible party is remediating this Site under the supervision of DEP and EPA and has conducted in-situ chemical injections to remediate the groundwater between July 2006 and November 2020. Future additional in-situ chemical injections are proposed, but no definitive date has been set. Semi-annual groundwater sampling is ongoing to monitor the effectiveness of the injections. Additionally, semi-annual surface water sampling of Ackerly Creek is ongoing to monitor concentrations in the creek. Groundwater pump and treat systems consist of the Seep Shed treatment system and Lagoon Treatment system. The hexavalent chromium levels continue to decrease at the site.
UGI Utilities, Elizabethtown	SC	Lancaster	98	36	Site is contaminated with coal gasification process waste.	Initial investigation completion report and supplemental investigation report were submitted and approved by DEP. Groundwater and soil vapor monitoring are underway.
UGI Utilities, Lancaster	SC	Lancaster	41, 43, 96, 100	13	Site is contaminated with coal gasification process waste.	On-site soil management activities were performed in conjunction with construction/earthmoving activities that occurred during normal operations at the facility, to include UST/AST removals.
UGI Utilities, Manheim	SC	Lancaster	41, 96, 97	13	Site is contaminated with coal gasification process waste.	Project complete. Environmental covenant inspections pending.
UGI Utilities, Marietta	SC	Lancaster	98	36	Site is contaminated with coal gasification process waste.	Act 2 final report was approved by DEP.
UGI Utilities, Lebanon	SC	Lebanon	101	48	Site is contaminated with coal gasification process waste.	Soil vapor monitoring was performed in vacant structure at the facility in conjunction with initial investigation which included soil testing, monitoring well and test pit installation, and groundwater sampling.

Site Name	Region	County	House	Senate	Threat	Status of Work
UGI Utilities, Myerstown	SC	Lebanon	102	48	Site is contaminated with coal gasification process waste.	Surface geophysics, groundwater, and soil/soil gas investigations were conducted.
UGI Utilities, Allen	NE	Lehigh	183	40	Site is contaminated with coal gasification process waste.	Supplemental investigations were performed, which included quarterly groundwater monitoring events.
UGI Utilities, Allentown	NE	Lehigh	22, 134	16	Site is contaminated with coal gasification process waste.	Supplemental Remedial Investigation Report was drafted and is pending submittal.
UGI Utilities, Catasauqua	NE	Lehigh	133	18	Site is contaminated with coal gasification process waste.	Supplemental Investigation Work Plan was approved by DEP and is pending implementation. Necessary access agreements were obtained.
UGI Utilities, Emmaus	NE	Lehigh	131	18	Site is contaminated with coal gasification process waste.	Project complete. Environmental covenant inspections pending.
UGI - Central Penn Gas, Pittston	NE	Luzerne	118	14	Site is contaminated with coal gasification process waste.	Environmental monitoring and sampling conducted during subsurface earthwork at the facility unrelated to former MPG site. Remedial Investigation Report and Cleanup Plan were submitted to DEP for approval.
UGI Utilities, Hazleton	NE	Luzerne	116	14	Site is contaminated with coal gasification process waste.	The initial investigation report was completed in 2019. Supplemental investigation work plan development and implementation is pending consultant selection.
UGI - Penn Natural Gas, Nanticoke#1 and #2	NE	Luzerne	119	14	Site is contaminated with coal gasification process waste.	NAPL recovery events were performed in accordance with approved plans. Partial restoration occurred in Norfolk Southern right-of-way. Property transfer negotiations with City of Nanticoke continued.
UGI - Central Penn Gas, Broadhead Creek	NE	Monroe	115	40	Site is contaminated with coal gasification process waste.	UGI and PPL continued performing long-term groundwater monitoring activities.

Site Name	Region	County	House	Senate	Threat	Status of Work
Tobyhanna Former Artillery Ranges	NE	Monroe, Wayne	115, 139	40	Site soils are contaminated with unexploded ordnance (UXO).	US Army Corps of Engineers cleared 98% of the high risk UXOs at the Site in 2016-2020. A permit application is under review in order to draw down the lakebed, repair the dam, and scan for UXO. At the earliest, the permit would be received in fall 2023.
Keim St DCE	SE	Montgomery	146	24	Groundwater is contaminated with 1,1-Dichloroethene (1,1-DCE).	In July 2019, DEP received a report of a confirmed release of petroleum from a gas station. In response to the release, the responsible party (RP) conducted a site investigation. Twenty-two properties have been sampled by DEP and/or the Gas Station's RP. Throughout DEP's investigation of the area, only one property has had concentrations of 1,1-DCE above the maximum contaminant level (MCL), and concentrations have fluctuated above and below the MCL. No other volatile organic compounds were detected in the sampling conducted by DEP. Bottled water was provided to the homeowner until a carbon filter was installed on the affected property, in October 2022, as part of a prompt interim response action. The most recent sampling event took place in April 2023. The next and final sampling event is planned for October 2023.
Landis Creek	SE	Montgomery	146	24	Groundwater is contaminated with toxic volatile organic compounds (VOCs). Private water supply wells are impacted.	In 2016, DEP installed carbon filtration systems at six homes affected by contamination. Systems have since been turned over to property owners. Environmental covenants have been placed on those properties. The responsible party is currently performing a remedial investigation under Act 2 and has verified that additional private wells are not affected at levels exceeding the maximum contaminant levels.

Site Name	Region	County	House	Senate	Threat	Status of Work
UGI Utilities, Bethlehem (Crest Ave)	NE	Northampton	135	18	Site is contaminated with coal gasification process waste.	Remedial investigation completed in 2021. No documents submitted in 2022. Act 2 Notice of Intent to Remediate and final report pending submittal.
UGI Utilities, Bethlehem (Leigh St)	NE	Northampton	135	18	Site is contaminated with coal gasification process waste.	The initial investigation work plan was approved in April 2017. Access negotiations are in progress. Implementation of the initial investigation work plan is pending.
UGI – Central Penn Gas, Palmer Compressor Station	NE	Northampton	136, 137	18	Site is contaminated with coal gasification process waste.	Act 2 final report was approved by DEP.
UGI Utilities, South Easton	NE	Northampton	136	18	Site is contaminated with coal gasification process waste.	The initial investigation work plan was approved in 2017. Access to a third-party property for investigation is ongoing.
UGI Utilities, West Easton	NE	Northampton	136	18	Site is contaminated with coal gasification process waste.	The initial investigation work plan was approved in 2017. Access to a third-party property for investigation is ongoing.
UGI - Central Penn Gas, Shamokin	NC	Northumberland	107	27	Site is contaminated with coal gasification process waste.	Supplemental Remedial Investigation Report was submitted and approved. Supplemental investigation work plan was submitted and approved by DEP to perform additional on-site characterization work and evaluate potential vapor intrusion on an offsite city-owned property.
Mahanoy City MGP	NE	Schuylkill	116	29	Soils are contaminated with coal gasification waste substances.	DEP completed the site investigation. The proposed action for the Site is source removal, capping of remaining contamination, and an environmental covenant to prevent disturbance of the area. A Site Inspection occurred in April 2021. A Consent Order & Agreement has been signed by the current property owners. The owner will be responsible for the operations and maintenance at the site.