

AARON J. PYSHER, P.G.

Education

BS – Professional Geology, Bloomsburg University, 2015



Professional Licenses

Professional Geologist - Pennsylvania (PG005532)

Asbestos Inspector – Pennsylvania (058203)

Lead Inspector – Pennsylvania (060116)

Specialty Certifications

OSHA 40-Hour HAZWOPER

OSHA Outreach 10-Hour Construction

Professional Experience

As a Geologist, Aaron Pysher is responsible for assisting in the growth and project execution for SCS's environmental services practice in the greater Pennsylvania, New Jersey, and Maryland area. Mr. Aaron Pysher has 9 years of technical and consulting experience as a geologist, often serving as technical field staff, primary deliverable preparer, and contact for private sector clients in various markets, including commercial real estate, residential development, industrial/manufacturing, land acquisition firms, and energy utilities.

His project experience ranges from quick turnaround due diligence for land acquisitions to long-term environmental closeout projects with groundwater plume monitoring. In his experience, Mr. Pysher has conducted most field needs, contractor coordination, report preparation, and budget tracking for projects ranging from small land transfers to multi-million-dollar land acquisitions.

Mr. Pysher has conducted multiple geophysical surveys using gravimetry, seismic reflection, electrical resistivity imaging, and magnetics. His geophysical projects include karst feature delineation, depth and rippability of bedrock, and post-pipeline installation evaluation. He has extensive experience using ArcMap/GIS for georeferencing, conducting road network evaluations, executing suitability analyses, and digitizing features from high-resolution aerial photography. Notable projects that Mr. Pysher has been involved in are described below.

Due Diligence

Southcentral Pennsylvania, Confidential Client, Due Diligence for Historic Market Acquisition. Mr. Pysher was the report preparer and technical field staff for an ASTM E1527-21 Phase I Environmental Site Assessment (Phase I ESA) and subsequent Phase II activities for a site acquisition of a historic market. At the time of the investigation, multiple underground storage tank graves were discovered utilizing geophysical methods. Mr. Pysher was the field lead in the tank grave exploration and utilized direct push soil sampling methodology. Results were then compared to applicable standards, and a report was published stating the findings, which met due diligence requirements and allowed the property acquisition to be completed.

Southcentral Pennsylvania, Confidential Client, Due Diligence for Chemical Manufacturer Plant Acquisition. Mr. Pysher was the report preparer and technical field staff for an ASTM E1527-21

Phase I Environmental Site Assessment (Phase I ESA). A decommissioned chemical manufacturing plant was assessed, and a report was published stating the findings, which met due diligence requirements and allowed the property acquisition to be completed.

Southcentral Pennsylvania, Confidential Client, Due Diligence for a Multiuse Property. Mr. Pysher was the report preparer and technical field staff for an ASTM E1527-21 Phase I Environmental Site Assessment (Phase I ESA) and subsequent Phase II activities for a site acquisition of a multi-use property. At the time of the investigation, the operation of waste piles/burn pits was observed. Mr. Pysher was the field lead in the Phase II field investigation of the waste piles in which test pits were installed and samples of subgrade soils were collected. Results were then compared to applicable standards and a report was published stating the findings, which met due diligence requirements and allowed the property acquisition to be completed.

Southcentral Pennsylvania, Confidential Client, Due Diligence of Multiple Farmhouses. Mr. Pysher was the report preparer and technical field staff for an ASTM E1527-21 Phase I Environmental Site Assessment (Phase I ESA) and subsequent Phase II activities for a planned commercial use redevelopment project of multiple farmhouses. A Phase II subsurface investigation of multiple fill piles discovered within agricultural fields was conducted. The client also needed lead-based paint (LBP) and asbestos-containing materials (ACM) surveys which Mr. Pysher conducted and supplied the accompanying report. Based on the conducted work, the client was able to complete the demolition of existing structures and development of the project.

Site Remediation

Pennsylvania, Confidential Client, Groundwater Contamination Plumes. Mr. Pysher served as field staff who conducted sampling of groundwater which contained contamination plumes on multiple facilities. Observations and construction logs for installed wells were completed by Mr. Pysher. Utilizing both low-flow and three-volume purge sampling techniques, field samples were collected, and those results were analyzed and compared to applicable standards. The results were used in report submissions to PA DEP.

Pennsylvania, Confidential Client, Contaminated Fill Classification. Mr. Pysher served as field staff and project manager for the classification and exporting of contaminated fill encountered on an active construction site. Mr. Pysher did a preliminary assessment of contaminated fill and served as a qualified professional in segregation of the contaminated fill. The contaminated fill was then classified and exported as non-hazardous, contaminated waste to a receiving facility. With the rapid turnaround of the classification and exporting of this material, the client was able to continue their construction schedule with minimal delay.

Pennsylvania, Confidential Client, PCB Leak Within a Recycling Facility. Mr. Pysher served as field staff for the delineation and classification of a PCB leak within a recycling facility. The delineation and sampling of the soil subgrade that was impacted by a PCB leak was overseen by Mr. Pysher to ensure proper methodology was utilized in the delineation. Quality control and assurance was provided to the client by the oversight provided on this project.

Prior Experience

Construction

BMP Planning, Permitting, and Construction. Experience included conducting fieldwork in which infiltration rates and limiting zones within soil test pits were determined. This data was used to help with the permitting process of BMPs. During the construction, quality assurance was conducted by

ensuring BMPs were constructed to plan and required infiltration rates were obtained. This allowed for permitting closeout on >100 projects Mr. Pyscher was associated with.

Geotechnical Projects. Experience included conducting drilling oversight on geotechnical SPT borings and rock coring. All data was noted and provided as a geotechnical log to the geotechnical engineer which was used to complete the accompanying geotechnical report.

Construction Inspection. Experience included conducting oversight of construction techniques and installation of structures and utilities per plan specifications. This work included coordination with contractors, field oversight, and daily field reporting.

Hydrogeologic Studies

SRBC Alternative Hydrogeologic Evaluation. Experience included utilizing the SRBC online application for the alternative hydrogeologic evaluation. This included preparation of reporting and data for permit updates and applications for multiple wells through SRBC. The alternative hydrogeologic evaluation is utilized to bypass the aquifer pumping test requirements SRBC typically requires.

Source Water Well Installation. Experience included logging and oversight of the installation of test wells for potential source water wells. This included logging cuttings, consumable count, construction logs, estimating production zones, and estimated production rates. All information was supplied in a well construction log which was utilized with the permitting of the well.