

Scope of Work

Commonwealth of Pennsylvania
Department of Environmental Protection

Scope of Work
October 13, 2016

*Ridge Run PFAS HSCA Site
East Rockhill Township, West Rockhill Township, and Perkasio Borough,
Bucks County*

Prepared by
*Lena Harper
PADEP-HSCA
Southeast Regional Office*

I. Site Description and Background

The Ridge Run PFAS HSCA Site (Site) is located in Bucks County, loosely bounded by East Rockhill Road, North Rockhill Road, Bethlehem Pike, and North Ridge Road, and includes portions of East Rockhill Township, West Rockhill Township, and Perkasio Borough. A map depicting the general Site area can be found as Attachment A. Groundwater at the Site is contaminated by per- and poly-fluorinated alkyl substances (PFASs). Sample results from August and September 2016 of a North Penn Water Authority (NPWA) supply well exhibited levels of combined PFOA and PFOS above the established lifetime health advisory level (HAL) of 70 nanograms per liter (ng/L) set by EPA in May 2016. The supply well, along with another nearby supply well which contains combined levels slightly under the HAL, has been shut down. However, there are other wells, including private residential supplies and at least one sensitive population in the area that have not been tested for PFASs. At this time, the full extent and degree of contamination is not known.

II. Objectives

It is the Department's objective to sample groundwater for PFOA and PFOS within a 1 mile radius of the impacted NPWA supply well. Properties that have combined levels of PFOA and PFOS above the HAL of 70 ng/L will be provided with bottled water as a temporary measure pending completion of Site-wide well sampling results. Once potable wells within the Site area are fully assessed, a determination will be made as to whether water treatment systems or other alternate water supply replacements are warranted and/or appropriate.

III. Tasks

The selected General Technical Assistance Contractor (GTAC) shall:

- Attend a scoping meeting at the Southeast Regional Office.
- Submit a Work Plan and Cost Estimate to the Department.
- Submit a Health and Safety Plan (HASP) to the Department.
- Procure an approved subcontractor to perform lab analysis for PFOA and PFOS. The subcontractor should analyze PFOA in accordance with the September 2016 *“Technical Advisory - Laboratory Analysis of Drinking Water Samples for Perfluorooctanoic Acid (PFOA) Using EPA Method 537 Rev. 1.1”* issued by USEPA.
- Provide personnel and equipment necessary to complete groundwater sampling of potable wells for PFOA and PFOS.
- Prepare and ship samples for analysis. If a Department-contracted laboratory is not available, the GTAC will secure the services of a lab certified for PFASs analysis via EPA method 537.
- On an as-needed basis: secure the services of a bottled water vendor and provide appropriate amounts for impacted properties.
- On an as-needed basis: provide for the installation, sampling, and servicing of carbon filter systems for affected potable water supplies.
- Submit daily, weekly, or monthly reports as appropriate for work performed.
- Submit invoices of work performed to the Department for review.
- Submit a final project report upon completion of work activities.

The Department shall:

- Determine which properties in the Site area will be included for sampling and/or water supply replacement actions.
- Acquire agreements for access to properties for sampling or water treatment systems, as needed.
- Review and approve documents and cost estimates.

IV. Reference Materials

A general map of the Site area is attached. Additional materials, including an estimate of the number and location of wells to be sampled will be shared with the GTAC prior to or at the scoping meeting, depending on when they become available to HSCA.

V. Special Requirements

If bottled water is needed based on results of the PFAS testing, the GTAC must be able to demonstrate to the Department that any proposed water vendor’s products do not exceed the lifetime HAL combined concentration for PFOS and PFOA of 70 ng/L.

VI. Deliverables

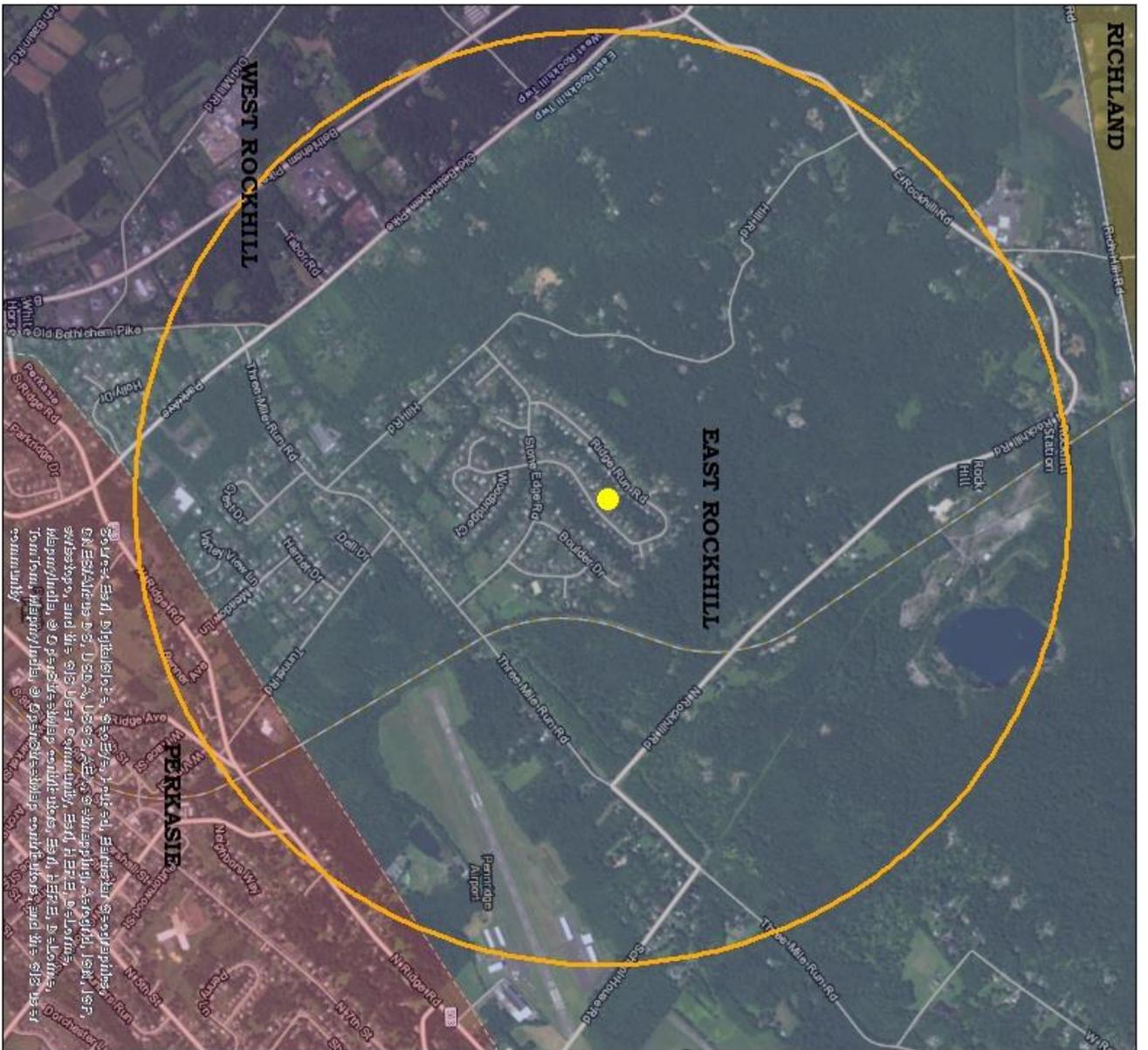
All final deliverables should be provided to the regional Project Office (PO) and central office Contract Manager (CM) as detailed in the table below. All draft versions may be submitted electronically.

Deliverable	Copies to PO	Copies to CM
Meeting Minutes	1 electronic	1 electronic
Work Plan/Cost Estimate	1 hard copy 1 electronic	1 hard copy
Health and Safety Plan (HASP)	1 hard copy 1 electronic	1 hard copy
Invoices	1 electronic	1 hard copy
Progress Reports	1 electronic	1 electronic
Daily/Weekly Activity Reports	1 electronic	1 electronic
Final Project Report	1 hard copy 1 electronic	1 hard copy

*Invoices should be directed to the assigned invoice processor with copies to the PO and CM

VII. Conflict of Interest Determination

The Department has not identified any potentially responsible parties (PRPs) at this time.



**Ridge Run PFAS
HSCA Site**



LEGEND
 1 MILE Radius

