

Statement of Work

EPA Region 8 START IV Contract No. EP-S8-13-01

Technical Direction Documentation (TDD)

Weston Solutions, LLC

Name Penn Mine Removal Support
OSC Martin McComb (303-312-6963)

Site Name Pennsylvania Mine
SSID 08MW **Operable Unit:** n/a
FPN not applicable
City/County/State Montezuma/Summit/Colorado
PRPs (if known) n/a

Start Date As recorded in EAS
End Date 10/31/2013

Overtime Approved? Yes
TDD Activity Categories Removal Support (RV)

Background

EPA is conducting a time-critical removal at the Pennsylvania Mine Site. Due to the short summer construction season, site activities are expected to last several seasons. Site activities in 2013 include improving Peru Creek Road to the mine, managing drainage at the portal and consolidating mine waste.

ERT will be deploying a Viper monitoring system for pH during the week of 12.

Objectives

START will provide site documentation and monitoring services. Occasional travel to the site will be required to collect site information and maintain ERT's Viper system.

The Project Scoping Work Plan that is due 5 business days after the Start Date of this SOW (as documented in EAS) must include a cost estimate.

Tasks

	Task	Description
Yes	Project Scoping	START will schedule, attend and document a Project Scoping Meeting with the OSC. The objective of this meeting will be to discuss additional details related to the tasks and deliverables associated with this Statement of Work. This meeting may occur either in person or via conference call.
Yes	Site Documentation	START will maintain a site specific log of response and/or removal activities performed by EPA, EPA contractors (START, ERRS, etc), PRPs and other parties (state, local agencies, etc). This record will include any relevant data, documents, photos and other electronic files).
Yes	Site Reconnaissance	START will collect, manage and report photos, data and other information that can be used to describe conditions at a response or removal Site. START will document the specific data elements required to support this reconnaissance effort at the Project Scoping Meeting.

Yes	Sample Collection & Analysis	START will collect samples, arrange for their analysis and obtain appropriate analytical deliverables (such as data packages and electronic data deliverables).
Yes	Monitoring	START will establish and maintain real-time measurement equipment and networks. This task may include the use of EPA's Viper technology.
No	PRP Oversight	START will support the OSC's efforts to assess and monitor the activities of PRPs at a site. This support shall include, but is not limited to: reviewing data and documents generated by the PRP, monitoring and documenting field activities, coordinating with PRP representatives and providing recommendations to the OSC.
No	HazCating	START will categorize and report the hazards of unknown substances. START may also be required to perform compatibility tests in support of bulking operations.
No	Assess Secondary Data	START will manage data and information obtained from secondary sources and provide recommendations to the OSC regarding its usability.
No	Other Technical Support	START will provide other technical support services such as multi-media surveys and inspections, treatability studies, engineering and scientific research and evaluation, cost analysis, public participation support. START will document the specific details of this support at the Project Scoping Meeting.

START will manage all data in accordance with the guidance and specifications found in the EPA Region 8 Response Unit Data Management Plan (DMP).

Deliverables*

	Deliverable	Due Date
Plans		
Yes	Work Plan (Project Scoping)	5 business days after Start Date of this SOW as documented in EAS.
Yes	Health and Safety Plan	Prior to the start of field activities or 72 hrs after ER Health and Safety Plan is initiated.
Yes	SAP/QAPP and Crosswalk	5 business days after the start of field activities.
No	Work Plan (Detailed)	1 month after Start Date of this SOW as documented in EAS.
No	Health and Safety Plan (ER)	Prior to the start of any emergency response activities in the field.
Reports		
Yes	Completed OSC Work Order	Prior to the end of any designated operating period
Yes	RCMS Reports	Prior to the end of any designated operating period
Yes	Data Archive	End Date of this SOW
No	Final Report (Summary)	End Date of this SOW
No	Final Report (Detailed)	End Date of this SOW
No	Removal Assessment Report	End Date of this SOW
No	Trip Report	End Date of this SOW

* Example templates for deliverables can be found at: http://epaosr.org/site/doc_list.aspx?site_id=8724.