

**RESPONSE ACTION CONTRACT 2 FOR
REMEDIAL, ENFORCEMENT OVERSIGHT, AND
NON-TIME CRITICAL REMOVAL ACTIVITIES
IN REGION 5**

**SITE MANAGMENT PLAN
MATTHIESSEN AND HEGELER ZINC COMPANY SITE
OPERABLE UNIT 2
LASALLE COUNTY, ILLINOIS**

**Prepared for
United States Environmental Protection Agency
Region 5
77 West Jackson Boulevard
Chicago, IL 60604**

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1.0 INTRODUCTION

The site management plan (SMP) describes the management responsibilities during field activities regarding access, security, contingency procedures, connection of utilities, storage and disposal of investigation derived waste, and other procedures to be followed in the field at the Matthiessen and Hegeler Zinc Site (M&H Site), operable unit 2 (OU2). The SMP is developed to address the remedial investigation/feasibility study (RI/FS) activities at OU2.

2.0 SITE INVESTIGATION ACTIVITIES

Field tasks to be conducted during the RI/FS at the OU2 M&H Site are divided into a Phase I and Phase II. These activities are specified in the field sampling plan (FSP) (SulTRAC 2007a) and include the following: field investigation, field sampling activities, and disposal of investigation derived waste. The quality assurance project plan (QAPP) (SulTRAC 2007a) describes the project organization structure and management responsibilities.

It is estimated that the Phase I field tasks will be completed in a period of 10 weeks. It will be the responsibility of the field team leader to ensure that the tasks are conducted according to the specified standard operating procedures.

3.0 SITE ACCESS

The M&H Site is located in LaSalle County, Illinois. Public roads can be used for general access to the site. Access to specific locations in OU2 is contingent upon a voluntary access agreement that the private land owners, Cynthia and Fred Carus, have with the United States Environmental Protection Agency (US EPA). SulTRAC must notify the US EPA work assignment manager of field access requirements, and in turn, the work assignment manager must alert the owners with 24 hours prior notice to any site related activities being conducted on their land. All proposed sampling locations are accessible; however, steep slope, dense woodlands, unstable building structures, and any other unforeseen hazards could create inaccessibility to certain areas.

4.0 SITE SECURITY

SulTRAC will establish a temporary field office using an office trailer measuring approximately 8 feet wide and 30 feet long. SulTRAC will also hire a security officer to watch the trailer and equipment during evenings, nights, and weekend during Phase I field activities. All personnel

entering the OU2 M&H Site will review and sign the health and safety plan (HASP) ([SulTRAC 2007b](#)).

5.0 IDENTIFICATION AND MANAGEMENT OF INVESTIGATION DERIVED WASTE

Investigation derived waste (IDW) is waste that is generated from investigative activities. IDW includes solid and hazardous waste, media (including soil, slag, sediments, groundwater, and surface water), and debris that contain “listed” hazardous waste, or that exhibit a characteristic of a hazardous waste. IDW also includes media and debris that is not hazardous, but is contaminated with hazardous constituents.

IDW generated during the field sampling activities at OU2 M&H Site include homogenized soil extracted by borings and monitoring well installation, purge water from well development and groundwater sampling, as well as wastewater from decontamination and equipment rinsate procedures.

6.0 WASTE MANAGEMENT REQUIREMENTS

All IDW will be disposed of as required by Illinois State and local regulations, following receipt of results for IDW soil and water analysis.

6.1 SOIL/SEDIMENT AND SOLIDS

Soil/sediment and solid wastes will be containerized in separate 55 gallon drums. Each drum will be clearly marked to indicate the date of collection, its waste contents, and other generator information. Prior to off-site disposal, the drums will be labeled with appropriate Department of Transportation (DOT) identification and classification information.

6.2 WATER

Groundwater and wastewater will be containerized in separate 55 gallon drums. Each drum will be clearly marked to indicate the date of collection, its waste contents, and other generator information. Prior to off-site disposal, the drums will be labeled with appropriate DOT identification and classification information.

6.3 MISCELLANEOUS WATER

Additional IDW generated, as a result of soil sampling, will include disposable personal protective equipment (PPE). Disposable PPE will be managed according to the level of contamination encountered during field activities. In general, PPE will be managed as non hazardous solid waste, particularly if little contact occurs with the sampling media and low levels of contaminants are involved.

7.0 REFERENCES

SulTRAC. 2007a. "Sampling and Analysis Plan (Field Sampling Plan/Quality Assurance Project Plan) for Remedial Investigation/ Feasibility Study, Operable Unit 2 at the Matthiessen and Hegeler Site." March.

SulTRAC. 2007b. "Health and Safety Plan at the Matthiessen and Hegeler Site, Operable Unit 1 and Operable Unit 2." March.