

Attachment A

REVISED TRAFFIC MANAGEMENT PLAN FOR THE SOURCE REMOVAL AT THE MOUND SITE, IHSS 113

This traffic management plan describes the approach that will be taken to safely perform the tasks to support the Mound Site Source Removal Project which affect RFETS roadways in the project area. The purpose of the project is to excavate and treat 400 to 1,000 cubic yards of volatile organic compound (VOC) contaminated soil which is contributing to the degradation of groundwater. The VOC contaminated soil will be transported to and stockpiled in the contaminated soil feed stockpile and then treated using low temperature thermal desorption to remove the VOC contaminants. The treated soil will then be stockpiled in the treated soil stockpile and then transported and backfilled into the excavation. The Mound Site is located east of Protected Area (see Figure 2-1). An extension of the Central Avenue ditch culvert is also required to provide site access and to prevent surface water and groundwater from entering the excavation. Traffic controls are designed after the Colorado Department of Transportation's handbook on Work Zone Safety. In the event of an RFETS emergency, project personnel and soil transport activities will yield to emergency vehicles. Visitor parking will be located by the ATM machine and on the north side of buildings T900D and 301. If there is no soil transport during treatment operations, workers and visitors can park on the south side of T900D.

Schedule

The activities affecting plant traffic are the culvert installation/site preparation and the transportation of VOC contaminated soil from the Mound Site to the contaminated soil feed stockpile. The culvert installation/site preparation activities are scheduled from March 4 through March 14, 1997. The excavation activities are scheduled from March 21 through April 10, 1997. The transport of treated soils for backfilling is scheduled from August 25 through September 3, 1997.

Traffic Controls

Traffic controls for the culvert installation and road improvements are shown on Figure 1. Shoulder work that will be performed along the north, west bound lane of Central Avenue, is not expected to impact traffic flow. The dirt road leading to the west side of the Sewage Treatment Plant will be closed to traffic during culvert installation and site preparation activities. The paved road on the east side of the Sewage Treatment Plant will remain open to traffic during all field activities. Traffic barricade locations for the dirt road are shown on Figure 1.

Traffic controls for the transport of contaminated soils are shown on Figure 2. During non-peak traffic times, traffic will be diverted to the two south lanes of Central Avenue/East Access Road where the north, west bound lane splits from the two lanes on the south. The north lane will be open before 0800 and after 1500 during normal RFETS work days to address peak traffic flow. Excavation and transport activities are scheduled to begin on March 21, an AWS Friday, and continue through the weekend with

the north lane closed from approximately 0730 on March 21 through 1700 on March 23, 1997. During normal work days and non peak traffic hours the north lane will be closed from 0800 to 1500. Access to the Sewage Treatment Plant and the Northeast Perimeter Road will not be blocked except temporarily during movement of a dump truck through those intersections. Flagmen will be stationed as shown on Figure 2 to ensure safe movement of the dump truck. The dirt road leading to the west side of the Sewage Treatment Plant will also be closed with traffic barricades as shown on Figure 2. Upon completion of excavation activities the excavation site will be secured with a temporary 8 foot high chain link fence.

Traffic flow will not be impacted during the transport of treated soils for backfilling.

Particulate and Radiological Controls

Volatile organic, particulate, and radionuclide monitoring will be performed during excavation, the transportation and stockpiling of VOC contaminated soil, soil treatment, and the transportation and backfill of treated soil into the excavation. Monitoring will be performed in accordance with the site specific Health and Safety Plan, IWCP, and the radiological work permit (as required). Dust suppression with water, monitoring wind speed, monitoring vehicle speed, and visual monitoring of the dump truck during transport for any soil spillage will also be performed to minimize the generation of dust during field activities.