Use when discharging to municipal sanitary sewer system.

1. Management of Petroleum-Contaminated Groundwater, Item SPV.0120.##

A Description

This special provision describes managing petroleum-contaminated groundwater.

Groundwater pumped during dewatering operations between Stations 10+25F and 11+50F, 98+25 and 102+00, 9+00R and 10+00R, 9+25M and 11+00M will likely contain contaminants that require discharged of the groundwater to the sanitary sewer system.

At no cost to the contractor, the City of Two Rivers has granted permission to discharge Petroleum-Contaminated Groundwater to the sanitary system, provided the requirements outlined herein are met.

The contractor shall notify the engineer immediately if strong petroleum odors are observed during dewatering activities. The engineer and the contractor shall discuss continued dewatering with the City of Two Rivers.

If petroleum odors are observed during dewatering activities at other locations on the project, terminate dewatering activities and notify the engineer.

B (Vacant)

C Construction

*Add the following to standard spec 205.3:*

Make every effort to minimize the amount of silt, sand, sediment, and other deleterious substances discharged during dewatering operations. Furnish, install and maintain a sediment box for the dewatering operation before discharging water to the sanitary system.

The City of Two Rivers has granted permission to discharge to the sanitary system provided that the following requirements are met:

- Notify engineer and notify Mr. Larry Lambries, Water/Wastewater Superintendent with the city of Two Rivers at 920-793-5558 before the discharge of contaminated groundwater to the sanitary system.

- If the pumping rate is equal to or less than 449 gallons per minute ( 449 gpm), then groundwater may be discharged into the sanitary system. Recovered groundwater shall be discharged to the nearest sanitary sewer manhole. All questions regarding discharge locations should be directed to:

Mr. Larry Lambries, Wastewater Superintendent

City of Two Rivers

920-793-5558

- The maximum total pumping rate discharged to the sanitary sewer shall not exceed 449 gpm.

If the dewatering rate exceeds the acceptable rate of 449 gpm (rate the sanitary sewer system can accept), contain the excess groundwater and transport to the WWTP. Contained groundwater will be released at the WWTP by plant personnel within 24 hours of being received at the plant.

D Measurement

The department will measure Management of Petroleum-Contaminated Groundwater by the gallons of contaminated groundwater pumped into the sanitary sewer system or discharged at the WWTP as measured on a flow meter provided by the contractor. The meter shall be accurate to within 2 percent.

E Payment

The department will pay for measured quantities at the contract unit price under the following item:

ITEM NUMBER DESCRIPTION UNIT

SPV.0120.## Management of Petroleum-Contaminated GroundwaterMGAL

Payment is full compensation for furnishing and placing all materials for pumping water.

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