

**ITEM 203. 9720 11 - TESTING, HANDLING AND DISPOSAL OF CONTAMINATED DEWATERING FLUIDS**

**DESCRIPTION:**

Collect, test, handle and properly dispose, or discharge to the local sewer/stormwater system contaminated sub-surface water that requires dewatering during project construction/excavation. The contamination present in sub-surface waters may include, but is not limited to: gasoline, heating oils, kerosene, diesel fuel, jet fuel, lubricating oils, motor oils, greases, Polychlorinated bi-phenyls (PCBs), and/or heavy metals. Collect and analyze water as required by the entity or agency governing/owning the disposal facility, or wastewater infrastructure. Conduct all tasks associated with these items in accordance with all Federal, State, County, and local regulations.

**MATERIALS:**

Furnish all materials and equipment required to properly collect, handle, filter/treat and dispose of contaminated water.

The Contractor may need to furnish the following to satisfy the requirements:

- Storage tanks or drums of sufficient capacity to store the water collected while awaiting disposal.  
Containers must be non-leaking and prevent the potential for spills.
- All equipment and supplies needed to pump or otherwise collect, store, sample, and/or otherwise handle contaminated water.

**CONSTRUCTION DETAILS:**

**I. Advance Preparation**

At least 30 days prior to commencing work in the areas requiring dewatering, prepare and submit the following information to the EIC for review and approval:

1. Identify the proposed treatment/disposal facilities to include: Facility name, address, and contact person.
2. Any required permits and/or approvals that must be obtained for local discharge;
3. Identify any intended or required on-site treatment. The types and intended storage locations of any storage tanks/drums/ equipment;
4. For any transportation off-site, the identification of and information on the proposed waste transporter to include: Name, address, telephone number, contact person, and EPA and NYS Transporter ID number; and
5. Name, address, and telephone number of the proposed laboratory for analysis of water samples.

**II. Material Handling and Disposal**

At least 30 days prior to commencing work the contractor shall provided a materials handling plan. This plan shall stipulate provisions for dewatering, pumping, filtering or otherwise treating as necessary, collection, temporary storage, and discharge or disposal of contaminated water to:

1. County or City sewer/stormwater system, if approved.
2. A wastewater treatment plant if disposal has been approved by the wastewater treatment plant; and/or
3. A water body discharge point with a valid SPDES (State Pollutant Discharge Elimination System) permit if discharge is in compliance with all permit conditions, stipulation agreements, or as otherwise approved by the New York State Department of Environmental Conservation;

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For any on-site storage, label any containers and tanks identifying the contents and its generation date. Inspect stored materials at least weekly for any leakage and/or deterioration and immediately implement any needed corrective actions.

If stored, dispose of all contaminated materials within 30 days of collection or within 30 days of the results of any required laboratory analysis, whichever is later, unless additional time is approved by the EIC. Do not, however, dispose or discharge any fluids prior to the receipt of the laboratory results by the EIC.

**III. Sampling and Laboratory Analysis**

This work shall include collecting water samples and arranging for samples to be analyzed at a laboratory for parameters as required by State, County, or City discharge permits, or the disposal facility. Samples shall be collected prior to any discharging activities. Perform all analyses at a laboratory approved by the New York State Department of Health Environmental Laboratory Approval Program (ELAP) for the intended analyses. Provide a copy of the analysis results to the EIC within 24 hours of receipt. The results of the laboratory analysis will determine or confirm the final regulatory classification of the water for appropriate handling, transportation, treatment and disposal methods and requirements. No discharge or disposal shall occur prior to the EIC's receipt and acceptance of laboratory reports.

**IV. Transportation Off Site**

For any off-site transportation of wastewater, load and transport wastewater in vehicles with a valid 6 NYCRR Part 364 Waste Transporter Permit (and permits for any other jurisdiction as applicable). Verify and document that the transporter has a current waste transporter's permit authorizing the transport of the project waste materials to the approved off-site facility. Complete any required shipping papers, placarding, labeling, manifests, and weighing/load measurements and provide documentation/copies to the EIC. Verify that any trucks/tankers are not leaking. Do not combine fluids from any other source other than from the Project Site. No payment for this item shall be made until proper documentation of disposal is received by the EIC.

**BASIS FOR ACCEPTANCE:**

Submission of evidence that all contaminated water has been handled and disposed/discharged in accordance with Federal, State and local regulations, and applicable permits will be the basis of acceptance for work completion.

**METHOD OF MEASUREMENT:**

This work will be measured on a Lump Sum basis.

**BASIS OF PAYMENT:**

The lump sum bid shall include the cost of furnishing all labor, materials, equipment, transportation, pumping, storage, discharge or disposal, sampling and analysis, documentation, permits, and any other incidentals necessary to complete the work.