

ITEM 202.12230025 - DISPOSAL OF NON-HAZARDOUS PETROLEUM CONTAMINATED WATER (ON-SITE)

1. DESCRIPTION:

1.01 This work shall consist of disposal of non-hazardous petroleum contaminated water into an on-site operational wastewater treatment system.

2. MATERIALS:

2.02 Materials include, but are not limited to a storage “frac” tank suitable to store non-hazardous petroleum contaminated water at the job site, plumbing and appurtenances to provide two GAC filters in series with sample ports prior to and between each GAC filter and at the discharge point to the WWTP. A meter shall be provided at the discharge point into the WWTP to monitor discharge quantities in total gallons per minute.

3. CONSTRUCTION DETAILS:

- 3.03 Prior to discharge of this petroleum contaminated water into the WWTP, the wastewater operator shall be contacted for approval of the location where water is to be discharged to the plant. All non hazardous petroleum contaminated water must be treated using a series of two GAC filters in accordance with figure A. The Contractor shall provide plumbing to sample water at three (3) sampling ports. The sampling ports shall be located prior to the first GAC filter, between the two GAC filters, and prior to discharge to the wastewater treatment system. To ensure that no petroleum contaminated water is discharged into the WWTP, water samples using EPA Method 8260/8270 shall be collected, analyzed and submitted to the engineer prior to discharge into the plant. During discharge into the WWTP, at 5,000, 10,000 and 20,000 gallon intervals, the Contractor shall collect samples, analyzing the samples using EPA Method 8260/8270 at the three sampling port locations. At the 20,000 gallon discharge interval, the Contractor shall collect, analyze and submit similar sample data to the Engineer at a frequency of 20,000 gallons thereafter unless otherwise specified by the Engineer.
- 3.02 The discharge shall be such not to upset the WWTP process, create pass through of untreated materials into the WWTP, or create non-conformance of the NYSDEC SPDES permit for the WWTP. Sampling and analytical requirements required to monitor compliance with the NYSDEC SPDES permit for this WWTP shall be at the above frequencies.
- 3.03 The Authority has the right to limit discharge into the WWTP. If SPDES discharge permit limits are not in compliance with either the NYSDEC or Authority requirements, the Contractor shall then transport the non hazardous petroleum contaminated water off-site.

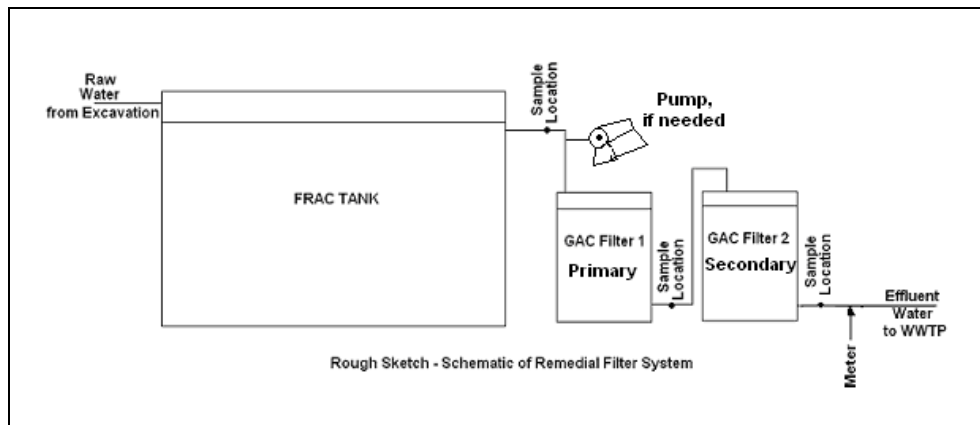


Figure A

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3. CONSTRUCTION DETAILS: (cont'd)

3.04 **SUBMITTALS:** The Contractor shall submit prior to use a plan identifying the plumbing system configuration for the treatment/GAC filter system to the Engineer for approval. Also, all sample results in accordance with DEC sampling requirements shall be submitted to the Engineer.

4. METHOD OF MEASUREMENT:

4.01 Disposal of non hazardous petroleum contaminated water will be measured as the actual number of gallons of non-hazardous petroleum contaminated water disposed to the on-site WWTP. The gallons will be read from a meter as provided in Figure A.

5. BASIS OF PAYMENT:

5.01 The unit price bids for this work includes the cost of furnishing all materials, labor, and equipment necessary to complete the work, including removal, storage, disposal, any necessary sampling, and laboratory testing, and all associated fees.