

## SCOPE OF WORK

### PART 1 – GENERAL REQUIREMENTS

#### 1.01 GENERAL PROVISIONS

The General Conditions of the Contract and any Supplementary Conditions as agreed upon between the DHHL and the Contractor are a part of this Contract and shall govern the Work.

#### 1.02 WORK COVERED BY THE CONTRACT DOCUMENTS

This project consists of furnishing all labor, equipment, and supervision to satisfactorily clean, maintain, inspect, and provide documenting reports for the Kakaina “Underground” Detention Basin located at TMK: 4-1-041:003 to ensure the system performs its intended function.

The grounds maintenance will be performed by a separate contractor.

#### 1.03 MAINTENANCE

Cleanout of the CUDO system should be performed if there is sediment buildup of two or more inches at over 50% of the inspection ports. Cleaning shall be performed if sediment buildup is two inches or more over 75% of the system floor. In the event of a spill of a foreign substance cleanout should be performed.

#### 1.04 MAINTENANCE PROCEDURES

- A. Locate the inspection, cleanout and access ports. Inspection and cleanout ports are typically 18-inch diameter. Access ports are typically 24 inch or 30-inch in diameter. Picture should be taken to document the location.
- B. Unbolt and remove the access port lids.
- C. Measure the sediment buildup at each port. If access is required to measure, ensure only certified confined space entry personnel having appropriate equipment are allowed to enter the system.
- D. A thorough cleaning of the system (inlets, outlets, ports, and inlet bays) shall be performed by either a vacuum truck or by manual methods.
- E. Inspect inlet and outlet locations for obstructions. Obstructions should be removed at this time.
- F. Inspect the structural components of the system
- G. Fill in the Inspection/Maintenance Data Sheet and send a copy in with your monthly billing.

#### 1.05 INSPECTION

An inspection should be performed at the beginning of the services contract. Sediment build up can typically be monitored without entering the system so no confined space entry requirements. Initial and subsequent inspection data should be recorded and filed for reference. Some regulatory agencies require that the results of the inspections be documented and reported to the DHHL.

#### 1.06 INSPECTION PROCEDURES

- A. Locate the inspection, cleanout and access ports. Inspection and cleanout ports are typically 18-inch diameter. Access ports are typically 24-inch or 30-inch diameter. Pictures should be taken to document the location.
- B. Unbolt and remove the access port lids.
- C. Insert a measuring device into the opening making note of a point of reference to determine the quantity of sediment and other accumulated material. If access is required to measure, ensure only certified confined space entry personnel having appropriate equipment are allowed to enter the system.
- D. Inspect inlet and outlet locations for obstructions. Obstructions should be removed at this time.
- E. Inspect the structural components of the system.
- F. Fill in the Inspection/Maintenance Data Sheet and send a copy in with your monthly billing.

#### 1.07 FREQUENCY OF SERVICE

For areas subject to year-round rainfall service should occur on a regular occurring basis. DHHL is requiring services be done on a bi-annual basis.

#### 1.08 DISPOSAL OF DEBRIS AND SEDIMENT

The collected gross pollutants, hydrocarbons, and sediment shall be offloaded from the vacuum truck into DOT approved containers for disposal. Once in the container the maintenance contractor has possession and is responsible for disposal in accordance with local, state and federal agency requirements.

#### 1.09 STENCILS

The service contractor shall be responsible to label the access pit lids, the storm drain main hole covers and drain inlets as described in the Kakaina Detention Basin Post-Construction BMP plans.

THE END