

**Town of Babylon Northern U Ashfill
Leachate Transmission Line Water Jet Cleaning**

Summary:

The workscope provided herein describes the pressurized jet cleaning of the Northern U Ashfill Leachate Transmission Line. It is comprised of the following sections:

- I System Description**
- II Scope of Work**

It must be noted that the transmission line may not be taken out of service for more than 24 hrs. Coordination between Landfill Maintenance Personnel and the Cleaning Contractor shall be maintained during ALL phases of the work.

System Description:

The Northern U Leachate Transmission Line is a dual containment (four inch inside a six inch HDPE SDR 17) pipe. It is approximately 2300 feet long originating at the Northern U Leachate Pumphouse and wyeing into an existing six inch line in a manhole adjacent Gleam Street. There is a butterfly valve and a check valve in the manhole. There are three cleanouts along the run. The cleanouts are bolted HDPE units slightly below the grade with the line buried approximately two feet.

Scope of Work:

1. The contractor shall clean the entire leachate transmission line by using a pressurized water jet and sprayhead. The HDPE cleanout access manholes are approximately 500 feet apart. The distance between the last HDPE access manhole and the Wye connection is approximately 850 feet. The distance between the access road and the manhole is not more than 200'. The contractor shall provide a vacuum truck to remove any ash residue from the cleaning process. The contractor shall be responsible for removing any dirt or growth from the manhole cover as well as unbolting the cover from the manhole and the blind flange from the transmission line tee. The contractor shall reassemble the manholes upon completion. Payment for this item shall be lump sum for a typical annual maintenance visit. The contractor shall also provide unit prices in the event additional work is required:

Pressurized water jet with operator per hour

Vacuum truck with operator per hour

NOTE: Bidders are encouraged to visit the site. Appointments may be made by contacting Tom Vetri, Deputy Commissioner at (631) 249-9347.

- * The contractor shall understand that he shall coordinate his work with the Towns Maintenance Mechanic
- * Work shall be due during normal landfill business hours:
Monday – Friday 7:30 AM through 3:30 PM
- * The Town will contact the contractor to schedule the work. The contractor agrees, however, that in the event of an emergency, should the transmission line become clogged, he will respond within 24 hours of being contacted.
- * The contractor shall clean the line to the satisfaction of the Town. Leachate flow rate, line pressure and a visual inspection for ash residue during the retrieval of the pressure jetting line will be the criteria used.
- * The equipment shall be capable of developing 2000 psi and have interchangeable heads
 - o Penetrating nozzle
 - o Rotating jet nozzle to fit in a 4” diameter pipe
- * The pressure jet equipment shall be equipped with a portable water supply. There is a water hydrant adjacent the landfill on Gleam Street.
- * The contractor shall use the vacuum truck to remove the ash residue before it enters the secondary containment pipe. The contractor shall take every precaution to prevent the secondary containment pipe from becoming clogged with ash residue.

- * This contractor shall be responsible for any damage to the transmission line or equipment as a result of the work.
- * The contractor understands that he shall take every precaution to insure that Leachate or Ash residue does not discharge from the transmission line to the surrounding area.
- At the end of each work day the contractor shall provide the Town a work order describing the work done, date, time, manpower and equipment. The order shall be signed by a representative of the Town.
- For bidding purposes, the contractor shall empty and clean the vacuum truck. The ash residue and water collected as a result of the work may be deposited in the Ashfill.

Contractor must pay prevailing wage and comply with all the requirements of the New York State Dept. of Labor.

Original certified payroll forms must be submitted to the Department of General Services with each request for payment. Failure to do so will result in payment being withheld.