

Memo

GZA GeoEnvironmental, Inc.

Sent Via Email

530 Broadway
Providence, Rhode Island 02909
Phone - (401) 421-4140
Fax - (401) 751-8613

TO: Joseph Martella- RIDEM
James Ball, RIDEM

FROM: Meg Kilpatrick – GZA

CC: Michele Leone – NGRID
James Clark - GZA

DATE: May 10, 2011

FILE NO.: 05.0043654.00

RE: Site Response Action Status Report – April 1, 2011 through April 30, 2011
Former Tidewater Facility
Pawtucket, Rhode Island
RIDEM Case No. 95-022

The following summarizes response actions completed at the above-referenced site for the period April 1, 2011 through April 30, 2011.

SITE ACTIVITIES PERFORMED

- Completion of biweekly Site inspections to document Site security conditions and sheen observations, if present.
- Completion of a comprehensive groundwater and NAPL gauging measurement round, which included performing NAPL recovery evaluations at select monitoring wells.
- Continued preparation of a completion report documenting the decommissioning and dismantling of former gas holder nos. 7 and 8. We currently anticipate that this report will be submitted to RIDEM in June 2011.
- Collection of soil samples via hand auger and during gas operations test digging to confirm underground natural gas pipe locations near/in the natural gas regulator station. Soil samples were submitted for analytical testing to further assess soil quality in this area of the Site and to prepare for gas regulator station upgrade work. This soil data was also used to evaluate the potential applicability of Air pollution Control Regulation No. 9 to the earthwork associated with the gas regulator station upgrade project (see below).
- Continued preparation of the Remedial Alternative Evaluation for the Tidewater Site. We currently anticipate that this report will be submitted to RIDEM in July 2011.
- Preparation and submittal of an Air Quality Monitoring Plan (AQMP) and potential volatile air emissions calculations/modeling designed to evaluate applicability of Air Pollution Control Regulation No. 9 associated with upcoming gas regulator station upgrade earthwork activities. This evaluation and monitoring program were submitted to RIDEM on April 19, 2011.

FUTURE RESPONSE ACTION WORK/SCHEDULE

- Continue monthly NAPL monitoring and recovery evaluations.
- Continue Site inspections to document Site security conditions and sheen observations.

- Re-grade and seed the former gas holder area. This work was completed between May 4 and 5, 2011.
- Perform potential volatile emissions modeling associated with pipe removal Short Term Response Action Plan (STRAP) to evaluate the potential applicability of Air Pollution Control Regulation No. 9. It is currently expected that the modeling results will be submitted to RIDEM for review in May 2011.
- Initiate these STRAP activities upon receipt of RIDEM approval of the October 2010 (Revised January 2011) STRAP and subsequent to RIDEM review of the air emissions modeling.
- Perform potential volatile emissions modeling associated with planned STRAP activities related to the south washout area. It is currently anticipated that the results of this emissions modeling will be submitted to RIDEM for review in May 2011. The STRAP for this activity was approved by RIDEM in February 2007 and RIDEM issued a Water Quality Certificate to the City of Pawtucket for the proposed south washout restoration work on April 6, 2011.
- Provide support services during the proposed natural gas regulator station upgrade work. The proposed reconstruction work will consist of the relocation of the existing overhead, 16-inch diameter gas main to below ground, shallow excavation work to properly abandon existing facilities, general renovation of the buildings, and updating of all the equipment including electronic and communication services within the buildings. GZA will provide environmental oversight on behalf of National Grid during the earthwork to observe excavation and soil management activities. In addition, GZA will perform air quality monitoring during the excavation work consistent with our April 2011 AQMP. The excavation work associated with the utility upgrade project is expected to be conducted over an approximate two week period during the expected 4 month reconstruction project. The project is anticipated to begin in late May 2011.

We trust that the above is acceptable. Please call me if you have any questions at 401-421-4140 Ext. 2719 or Michele Leone at 781-907-3651.