

**NYSDEC SUPERFUND STANDBY CONTRACT NO. D003493
ECOLOGY AND ENVIRONMENT ENGINEERING P.C. (EEPC)
STATUS REPORT FOR DECEMBER 2005**

**Mr. C's Dry Cleaner Site
Remedial Construction Management**

NYSDEC P.M.: David Chiusano

Site No. 9-15-157

E & E P.M.: Michael Steffan

Work Assignment (WA) No. D003493-27.4

E & E Job No.: NY06

WORK COMPLETED DURING THIS REPORTING PERIOD

Task 1: Work Plan and Background Review:

1. Complete

Task 2: Pre-Award Services

1. All pre-award services under this task were completed in March 2001.

Task #3 Remedial Construction Management

1. The remedial construction management work and records are complete.

Task #4 Post Construction Operations and Maintenance Services - (October 2003 to October 2004)

1. Work for O & M services is complete under the task.

Task #5 - Soil Gas, Indoor Air Monitoring and Well Installation

1. All work is complete on the task.
2. SVII report issued to NYSDEC regarding the last round of indoor air quality sampling at the church. Results indicate PCE was below regulatory levels. Copies of the report issued to NYSDEC, NYSDEC - Region 9, and NYS Department of Health on February 10, 2005.
3. SVI air sampling performed at 27 Whaley Avenue on February 14, 2005. Results received in March 2005. Report prepared and issued to the Department on March 17, 2005. No further action required at the facility based on the analytical results.
4. Both facilities of mitigation system installation were reviewed in April 2005. No O&M maintenance work was required after inspection. O&M Inspection on both facilities was performed in October 2005 and will take place again in February 2006.

Task #6 - Post Construction Operations and Maintenance Services - (October 2004 to October 2005)

1. Conceptual costs for this next phase of O&M work submitted to the Department and accepted on January 6, 2005. The revised work plan and budget modification submitted by EEPC on March 3, 2005. Acceptance by the Department received on March 31, 2005.
2. The November 2005 O&M report was issued on December 9, 2005. Based on analytical results from November 7, 2005, the treatment system was not in compliance with the VOC

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discharge requirements for the site. An immediate corrective action plan was discussed and action taken for inspection and cleaning of the treatment system. The corrective action plan included:

- Next day evaluation and inspection of the air stripping unit
- Cleaning and repairs as required
- A second round of sampling with 2 day TAT of analytical results to evaluate corrective actions on cleaning and any repairs.

The corrective action results revealed that a blower damper needed adjustments as well as cleaning of the underside of the stripper trays. Analytical results from the second round of sampling proved the corrective action work was successful - results were 6.8 ug/L for PCE. Future VOC sampling results will be requested for a 7 day TAT.

3. The December 2005 O&M report was issued to the Department on January 10, 2006. The highlights of the work performed in December include:
 - Sampling for monthly compliance was performed on December 8, 2005. Analytical results received on December 15, 2005. Analytical results again were not in compliance with the discharge requirements under the permit. Results were 15 ug/L with compliance at 10 ug/L. Additional corrective actions performed included power washing the stripper trays and re-sampling the influent and effluent for VOCs.
 - Re-cleaning of the unit performed on December 19, 2005 and re-sampling performed on December 21, 2005. TAT for analysis was 48 hours.
 - Analytical results received on December 23, 2005. Results indicated effluent compliance at 1.3 ug/L.
 - Complete tear-down and cleaning of the air stripper was then performed by OMEI on December 27, 2005. Visual inspection indicated that mineral buildup and occlusion of the holes on the lower stripping trays had occurred.
 - Future scheduling of complete tear-down and cleaning of the air stripper as a corrective action to be performed on a six month basis. Next scheduled cleaning to be in May and November 2006.
 - Level transducers were replaced December 8, 2005 on groundwater pumping locations at RW-1 and PW-4.
 - The Agway air sparge and soil vapor extraction system continues to be operated and maintained. Future decisions on continued operation of the system to be determined by NYSDEC.

WORK PLANNED FOR NEXT MONTH - January 2006

1. EEEPC to continue to provide oversight and reporting in January 2006 of the O&M work by O&M Enterprises, Inc. (OMEI) for the Department. Continue to monitor differential pressures and review of the conditions of the trays of the air stripping unit to evaluate unit efficiency and additional unit cleaning. The next compliance sampling is schedule to be performed on January 4, 2006.
2. Issue the January 2006 O&M report no later than February 10, 2006.
3. EEEPC to continue submittal of the monthly overall project status reports for the Department.

BUDGET STATUS

Task 1: Work Plan and Background Review

1. Currently no budget issues with this task. Work is complete.

Task 2: Pre-Award Services

1. Currently no budget issues with this task. Work is complete.

Task 3A: Remedial Construction Management

1. Budget modification costs accepted by the Department on April 22, 2003.

Task 3B: Oversight of Operation and Maintenance of Treatment Equipment

1. Work under budget. Construction project closure certification report still need submitted.

Task 4: 12 months of O&M services - (October 2003 to October 2004 & October 2004 to October 2005)

1. This task was added and approved to the work assignment on October 8, 2003. The work will be for all O&M and analytical services to maintain remedial system compliance for 12 months.
2. Next 12 months of O&M services (October 2004 to October 2005) approved by the Department on March 31, 2005.
3. Discussions initiated by EEEPC after review of the conditions of the concrete well pads on the library property. OMEI to schedule repairs with coordination with library staff in 2006.
4. Initiate discussion with the DEC project manager regarding O&M services for October 2005 to April 2006.

Task 4A: O&M services (2005-2006 until April 2006).

1. Prepare conceptual budget and prepare subcontracts for O&M, laboratory and utility services until April 2006. This will complete work under EEEPC Standby contract D003493. Once new EEEPC Contract is signed a new work assignment will need to be developed to continue O&M services at the Mr. C's site.
2. Once conceptual budget is approved, prepare and issue revised work assignment document and budget modification for final approval.

Task 5: Soil Gas and Well Installation

1. Task is complete. Due to expanded work with soil gas, IAQ work and analytical, an additional budget modification of the task to be requested in the 2004-2005 O&M request.
2. The two depressurization unit or mitigation treatment sites were reviewed with the property owners. Both systems continue to operate as planned. Next O&M inspection by EEEPC due at both locations in February 2006.

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CHANGES TO ORIGINAL SCOPE OF WORK

1. Task 4 added to perform the next 12 months of O&M services. Budget amendment accepted by the Department 10/8/03.
2. Task 4A to be added to provide O&M services until April 2006.
3. Task 5 added additional soil gas and drilling work at the site.
4. EEEPC to provide operation and maintenance services related to the Agway site operated by Matrix Environmental. The site formally housed heating fuel oil and gasoline and is currently being reviewed by the Spill Group of NYSDEC Region 9.

Previously stated changes that have not yet been formalized in the WA budget are:

1. None

CHANGES TO THE SCHEDULE

1. Limited changes in the last 12 months of O&M work. Additional work added in May 2005 included O&M services at the former Agway site.

CHANGES TO PROJECT PERSONNEL

1. EEEPC has made some limited staffing changes to the project in this year. The interim staff changes include Mr. Jim Mays and Mr. Jeff Kohler for performance of O & M services oversight.
2. M. Steffan is managing the project for EEEPC and Mr. D. Miller is providing technical support and peer review for EEEPC.