

**NYSDEC SUPERFUND STANDBY CONTRACT NO. D004442
ECOLOGY AND ENVIRONMENT ENGINEERING P.C. (EEEPC)
STATUS REPORT FOR MAY 2006**

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

NYSDEC P.M.: David Chiusano

Site No. 9-15-157

EEEPC P.M.: Michael Steffan

**Work Assignment (WA) No. D004442-
DC02**

EEEPC Job No.: DC02

The new work assignment scope of work was received by EEEPC.

THE WORK COMPLETED DURING THIS REPORTING PERIOD

Task 1: Work Plan and Background Review:

1. The work plan and budget for the new work assignment was prepared and issued to NYSDEC on May 18, 2006.

Task 2: Remedial Treatment System Site Management 2006 - 2007

Subtask 2.1 - Operations and Maintenance Services - 2006-2007

1. The April 2006 O&M report was issued to the Department on May 10, 2006. The highlights of the work performed in April 2006 include:
 - A. Sampling for monthly compliance was performed on April 3, April 11 and April 17, 2006. The April 3 results indicated non-compliance with the discharge requirements for PCE (32 ug/L) under the permit. The resulting corrective actions included discussions with the equipment manufacturer and additional cleaning and assessment of the unit in the field. Second sampling performed on April 11, 2006, proved the unit was back in compliance for effluent discharge. A check of the unit air flows were performed on April 18, 2006. The result indicated the units blowers were running at 30% higher velocity than recommended. The higher velocity reduced the mass transfer surface where the contaminants are volatilized thus reducing treatment efficiency. Air stripper air flows were modified on April 24, 2006 and samples were taken on May 1, 2006. The analytical results from May 1, 2006 indicated all effluent contaminants to be non-detect indicating a 100% treatment performance of the unit.
 - B. The system operated 98.9% in April 2006 and processed 1,116,192 gallons of groundwater.
 - C. On April 17, 2006, a trial was performed on a new filter system - "Mycelex" to further improve the treatment efficiency for VOCs. Analysis taken prior to the filter, after the filter and at the system discharge after processing approximately 200 gallons. The results indicated no further cleanup of VOCs in the influent groundwater results. See April 2006 OM&M report for additional details.
 - D. A 55 gallon drum of Rydelyme de-scaler was transported by for treatment by Clean Harbors Environmental Services on May 9, 2006. As a result of the low pH of the material the waste was determined to be hazardous waste (D002) and shipped under a hazardous waste manifest.

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Subtask 2.1 - Operations and Maintenance Services - 2006-2007 (continued)

E. O&M services continued to be performed in May 2006. O&M Maintenance continues to perform the weekly O&M services and monthly compliance sampling. Monthly compliance samples were performed on May 2, 2006. The analytical results indicated all analytes for volatile organic compounds to be non-detect.

Subtask 2.2 - Air Monitoring and Evaluation Services

1. EEEPC to order the sampling containers and schedule the indoor air monitoring at the Presbyterian Church, 27 Whaley Avenue, and the Agway treatment facility.

WORK PLANNED FOR NEXT MONTH - JUNE 2006

1. EEEPC to continue to provide oversight and reporting in June 2006 of the O&M work by O&M Enterprises, Inc. (OMEI) for the Department. Continue to monitor of 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 on the treatment system is scheduled to be performed on June 5, 2006.
2. Issue the May 2006 O&M report no later than June 10, 2006.
3. EEEPC to continue submittal of the monthly overall project status reports for the Department.
4. Perform O&M review of the installed SVII mitigation systems at the Presbyterian Church and 27 Whaley Ave. and perform air sampling in each facility to evaluate systems effectiveness.
5. Perform the air sampling program on the Agway facility. Evaluate the analytical results for effectiveness of the remedial treatment system.

BUDGET STATUS

Task 1: Work Plan and Background Review

1. The work plan and work assignment budget have been submitted. The new budget for the overall work assignment is \$153,219.

Task 2: Remedial Treatment System Site Management 2006 - 2007

1. Currently there are no budget issues with this task. Work is on-going.

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Budget on the individual task budgets are as follows:

Task/Description	NYSDEC Original Budget	EEEPC WA Budgeted Amount	Current Expenditures As of 6/3/06
Task 1 - Work Plan	\$5,814	\$5,814	\$4,615
<u>Task 2: Remedial Treatment System Site Management 2006 - 2007</u>	\$147,405	\$147,405	\$21,118
Totals	\$153,219	\$153,219	\$25,733

CHANGES TO ORIGINAL SCOPE OF WORK

1. A new work plan and budget (WA No. 002700.DC02) was prepared for the new requested scope of services with NYSDEC. The new work assignment scope of work was issued by NYSDEC on April 27, 2006. The Mr. C's work assignment under EEEPC's new contract will cover 12 months of OM&M services along with soil vapor intrusion monitoring of indoor air where subslab mitigation system have been installed.

CHANGES TO THE SCHEDULE

1. The scheduledule includes weekly O&M review with sampling performed monthly for compliance. Maintenance of the remedial treatment systems (Mr. C's and Agway)

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.