

Stratford Army Engine Plant
Stratford Connecticut
[EPA ID CTD001181502]
Permit No. DEP/HWM/CS-134-003

**Stewardship Permit
Progress Report No. 1**

Report Date: October 1, 2009

Activity Period: October 2, 2008 – September 30, 2009

This Annual Progress Report summarizes activities associated with implementation of the Stewardship Permit for the Stratford Army Engine Plant located in Stratford, Connecticut during the activity period shown above. The report is being submitted in accordance with Section III.E.1 of the Stewardship Permit.

The Stewardship Permit was issued to the United States Army on October 2, 2008. The permit regulates and authorizes closure, post-closure and corrective action requirements.

1. Description of work completed

1.1 Section II.A RCRA Closure and Post Closure Requirements

No activities associated with RCRA Closure and Post-Closure requirements were conducted during the reporting period.

1.2 Section II.B RCRA Corrective Action Requirements

The following activities were completed during this reporting period;

In accordance with Section II B 2 (e) of the Stewardship Permit, human health and ecological remedial goals for groundwater migrating to the Tidal Flats and the Outfall 008 drainage were submitted to the CTDEP on August 3, 2009. Remedial goals for groundwater migrating to the Tidal Flats were submitted previously on March 24, 2009, and conditionally approved by the CTDEP on July 10, 2009.

The Background Sediment Study was submitted to the CTDEP for review and approval on August 3, 2009. The purpose of the Background Sediment Study was to establish background threshold values for chemicals of concern (COCs) in sediment at the Tidal Flats and the Outfall 008 drainage. Background threshold values are required to prepare human health and ecological remedial goals in accordance with Section II B 2 (f) of the Stewardship Permit. SAEP is awaiting CTDEP approval of the Background Sediment Study.

In accordance with Section II.B.6 of the permit, the Environmental Indicators, Migration of Contaminated Groundwater under Control Worksheet was prepared and Submitted to the CTDEP on September 30, 2009.

2. Summary of findings

There were no new findings during the reporting period.

3. Summary of changes made

The following modifications were made to the compliance schedule during the reporting period.

A compliance schedule modification was approved by the CTDEP on November 12, 2008 extending Condition III.A 120 days and Condition III.B 180 days from the effective date of the permit.

A compliance schedule modification was approved by the CTDEP on January 30, 2008 extending Conditions III.A, III.B and III.C 90 days to October 1, 2009.

A compliance schedule modification was approved by the CTDEP on April 22, 2009 extending Condition III.D 120 days to August 3, 2009.

A compliance schedule modification was approved by the CTDEP on September 25, 2009 extending Condition III.A to January 4 2010, Condition III.B to February 4, 2010 and Condition III.C to April 15, 2010.

4. Summary of contacts made with representatives of the local community and public interest groups

There were no contacts with representatives of the local community or public interest groups during the reporting period.

5. Summary of problems or potential problems encountered and actions taken to rectify problems

There were no problems or potential problems associated with the Stewardship Permit encountered during the reporting period.

6. Changes in personnel

There were no changes in personnel conducting or managing corrective action activities during the reporting period.

7. Projected work for the next reporting period

Projected corrective action activities for the period October 1, 2009 – October 1, 2010 include the following:

SAEP is awaiting CTDEP approval of the remedial goals for offsite groundwater submitted on August 3, 2009.

SAEP is awaiting CTDEP approval of the Background Sediment Study submitted on August 3, 2009. The Background Sediment Study provides the analytical results for sediments and describes the procedures required to establish background threshold values. Upon receipt of such approval, the background values will be finalized and human health and ecological remedial goals for sediment will be submitted to CTDEP for approval.

SAEP will complete the draft Natural Attenuation Evaluation report during the reporting period. The report will be used to document the suitability of monitoring natural attenuation as a remedy for offsite groundwater migration.

A schedule for completion of the Remedial Action Plan (RAP) for off-site groundwater migration and for sediment is below. The schedule addresses the RAP for offsite contaminant migration and does not include soil and soil vapor contamination. A RAP(s) for these media will be prepared separately.

Remedial Action Plan
Schedule

Task	Schedule
1. Submit Groundwater Remedial Goals to DEP	Submitted August 3, 2009
2. Submit Background Sediment Report to DEP	Submitted August 3, 2009
3. Submit Sediment Remedial Goals to DEP	30 days from DEP approval of 2
4. Sediment Data Normalization	60 Days from DEP approval of 2
5. Natural Attenuation Evaluation	August 30, 2009 - October 15, 2009
6. Draft RAP to DEP	90 days from approval of 1 and 3
7. Final RAP to DEP	30 days from receipt of comments

8. Copies of reports and data generated

One hard copy of the Background Sediment Study including electronic copies of analytical laboratory and data validation reports was submitted to the CTDEP on August 7, 2009.

An electronic copy of the human health and ecological remedial goals for offsite groundwater migration were submitted by email to the CTDEP on August 1, 2009

There were no daily reports, inspection reports or other documents generated during the reporting period.