January 3, 2007

Raymond L. Frigon, Jr.
Environmental Analyst
State of Connecticut, Department of Environmental Protection
Waste Management Bureau/PERD
79 Elm Street
Hartford, CT 06106-5127

RE: CONSENT ORDER #SRD 101, STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION (CTDEP)
QUARTERLY PROGRESS REPORT – OCTOBER, NOVEMBER & DECEMBER 2006
UNIVERSITY OF CONNECTICUT LANDFILL, STORRS, CT
PROJECT # 909748

Dear Mr. Frigon:

The University of Connecticut (UConn) is issuing this Quarterly Progress Report to the Connecticut Department of Environmental Protection (CTDEP). Project progress is discussed for the following topics:

1. Tentative Closure Schedule - Construction Schedule
2. Monthly Construction Activity Reports - October, November, December
3. Activities Completed in October 2006
4. Activities Completed in November 2006
5. Activities Completed in December 2006
6. Project Permits, Approvals, Conditions
7. Long-Term Monitoring Plan (LTMP)
8. Technical Review Session Information
10. Background-Remedial Action Plan Implementation, Landfill and Former Chemical Pits
11. Hydrogeologic Investigation Groundwater and Soil Sampling – UConn Landfill Project
12. UConn Project Web Site
13. UConn’s Technical Consultants - Hydrogeologic Investigation Team
14. Schedule for Compliance (Revision No. 3)
15. Remedial Action Implementation Construction Photographs
16. Listing of Project Contacts
17. Project Documents
18. Certification

An Equal Opportunity Employer

_eDoyt Road Unit 3055
Storrs, Connecticut 06269-3055

Telephone: (860) 486-8741
Facsimile: (860) 486-5477
e-mail: rich.miller@uconn.edu
1. **Tentative Closure Schedule – Construction Schedule**

UConn has issued a Notice to Proceed to O&G Industries, Inc. (CM). The CM has provided an updated schedule as of December 04, 2006:

<table>
<thead>
<tr>
<th>Construction Task</th>
<th>Estimated Start Date</th>
<th>Estimated Completion Date*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparation of Bid Documents</td>
<td>Completed</td>
<td>Completed</td>
</tr>
<tr>
<td>Hire Project Construction Management</td>
<td>Completed</td>
<td>Completed</td>
</tr>
<tr>
<td>Pre-Qualified Trade Contractors Notifications</td>
<td>Completed</td>
<td>Completed</td>
</tr>
<tr>
<td>Review Contractor Submittals</td>
<td>Completed</td>
<td>Completed</td>
</tr>
<tr>
<td>Mobilization, Site Preparation, and Stormwater and Erosion Control</td>
<td>July-06</td>
<td>Completed</td>
</tr>
<tr>
<td>Contaminated Sediment Removal and Relocation</td>
<td>Sept-06</td>
<td>Completed</td>
</tr>
<tr>
<td>Construction of the leachate interceptor trenches (LITs)</td>
<td>Nov-06</td>
<td>Completed</td>
</tr>
<tr>
<td>Waste Consolidation</td>
<td>Aug-06</td>
<td>Completed</td>
</tr>
<tr>
<td>Land Reshaping and Grading</td>
<td>Aug-06</td>
<td>Nov-07</td>
</tr>
<tr>
<td>Installation of Monitoring Wells</td>
<td>Feb-07</td>
<td>Feb-07</td>
</tr>
<tr>
<td>Stormwater Ponds &amp; Outfall Installations</td>
<td>Jan-07</td>
<td>Feb-07</td>
</tr>
<tr>
<td>Cover System Installation</td>
<td>Aug-07</td>
<td>Oct-07</td>
</tr>
<tr>
<td>Road and Parking Lot Construction</td>
<td>Oct.-07</td>
<td>Dec-07</td>
</tr>
<tr>
<td>Closeout - Project Completion, Demobilization</td>
<td>Dec-07</td>
<td>Dec-07</td>
</tr>
<tr>
<td>Preparation of closure certification report</td>
<td>Following Project Closeout</td>
<td>90 - 120 Days Following Project Closeout</td>
</tr>
</tbody>
</table>

* Contingent on ACOE and CTDEP approvals; construction bidding market; weather conditions; numerous permitting issues; along with State and Local reviews and conditions.

2. **Monthly Construction Activity Reports**

In accordance with General Condition #8 of the IW-2003-112/WQC-200302988 Permit, UConn submitted monthly reports to indicate our compliance with this permit for aspects of the subject project. The following are excerpts from those reports.

**October 2006**

Bates has shut down the dewatering pumps in the northern wetlands and is finishing excavation and restoration in the southern wetlands. The next steps will involve consolidation of outlying waste from the landfill perimeter and preparing the site for leachate interceptor trench (LIT) construction (anticipated to begin about the beginning of November).

During October, R. Bates completed sediment removal and organic material placement in all areas of the wetlands.

Bates has completed phase 1 of dynamic compaction. Bates also started creating platform areas needed for LIT installation. Bates began excavation of trench for Celeron Square sanitary force main relocations.
November 2006

R. Bates and Sons, Inc. (Bates) completed excavating contaminated sediment, restoring grades, and placing organic soils in the wetland areas A, C-North, C-South, and C-West. Wetland soils were replaced with the organic soil mix as the work progressed. Other materials, such as boulders and basking logs, were placed in the wetlands in accordance with conceptual drawings provided by the Project Wetland Scientist, Chris Mason of Mason & Associates, Inc. (Mason). The contaminated wetland soils were transferred to the landfill for capping.

Mason met with the landscape contractor, Al Leavitt of EDI, to review the initial plantings in wetland restoration area C-North. Skunk cabbage, tussock sedge, alder, winterberry and red maples were planted and the plant material appeared to be in good condition. Mason provided guidance on the planting scheme, with trees and shrubs to be planted on the "islands" within the restoration area, and herbaceous material planted at the lower elevations (with no plantings in the pool areas).

Kristin Schwab of the UConn Plant Science department prepared a planting scheme for a portion of wetland to be restored just north of the northern stormwater basin.

Additional erosion and sedimentation controls were installed at the north end of the wetland restoration area A, including coir logs at the top of slope near the bike path, stone/gravel at the culvert inlet and outlet, an erosion control blanket (netting and straw) along the northern wetland/upland slope, and hydroseeding of the northwestern slope area. EDI installed some woody plantings in Wetland A, including red maple, alder, and blueberry.

Based on a detail that Mason prepared, Bates installed riprap in the wetland creation area, to prevent surface erosion at the outlet of the plunge pool that receives stormwater drainage from Hillside Road.

Based on field observations, erosion and sedimentation controls in Wetland A withstood heavy rains (~ 3 inches on 10/28/06) well, with only minor silt staining of vegetation beyond the approved limit of disturbance.

The Dewatering basin in the northern section of Wetland C-North continues to function well, with most of the incoming water infiltrating the subsurface. Its use has been discontinued and it will be dismantled soon.

In early November, R. Bates & Sons and MJ Daly relocated the Celeron Force Main in two locations to allow for the construction of the LIT trenches and the Southern Stormwater Pond. This work was completed successfully without major interruptions to the residents of Celeron.

R. Bates and Sons completed preparing the site for the construction of the Leachate Intercept Trenches (LIT). Their subcontractor, GeoCon, began LIT construction in the Northern area of the landfill. This Northern LIT trench was complete by Thanksgiving, and the start of the Southern LIT trench began immediately after the holiday.

R. Bates and Sons began the consolidation of trash within the landfill site. They began placing and compacting lifts of trash in the Southern area of the landfill.
Bates also began the construction of the Southern and Northern storm water ponds. They installed the 15" line from the Southern Storm water Pond into area A1. Other items that were accomplished in November were the construction of the Vernal Pool in the North of the site and the partial relocation of the Celeron bike path. The bike path was rerouted by R. Bates & Sons and the light poles were relocated by Ducci Electric. In early December, the bike path should be completed.

December 2006

Bates finished placing and compacting excavated waste in the Southern area of the landfill, and continued building the northern and southern stormwater ponds. Construction of the Vernal Pool in the northern area and the partial relocation of the Celeron bike path were completed. The newly graded upland buffer slope between the bike path and the Wetland Restoration Area A was stabilized using hydroseed, erosion control straw blanket, and plantings. The silt fence along the eastern boundary of Wetland F was relocated closer to Wetland F, with no breach of sediment observed. Straw wattles were placed along various sections of the perimeter silt fence.

Equipment staging and trenching associated with the Celeron Force Main relocation work were completed.

Monitoring of the stormwater basin located near North Wetland Creation Area C-3 and the eastern edge of Area C-3 continues during and after rain events. Various stone swales were previously installed within C-3 and along western boundary of C-3. Double silt fences and haybales were installed where needed and have been effective. Overall erosion controls are functioning well according to site inspections by the project wetland scientist and others.

The contractor's Weekly Inspection Reports and Dust Monitoring Logs were reviewed by CDM, who determined that they were prepared in accordance with the Stormwater Pollution Control Plan. Recent rains have kept the site wet, and no dust issues were reported.

There is ongoing coordination between Chris Mason of Mason & Associates, Inc. and Haley & Aldrich about restoring streams and stream flows in the wetland restoration areas.

The following is a summary of the estimated quantities of sediment removal/replacement completed by Bates to date on the Remedial Work Plan Project:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>C-North</td>
<td>2,000 cy</td>
</tr>
<tr>
<td>C-South</td>
<td>1,090 cy</td>
</tr>
<tr>
<td>C-West</td>
<td>1,100 cy</td>
</tr>
<tr>
<td>Area A</td>
<td>550 cy</td>
</tr>
<tr>
<td>Area A-1</td>
<td>200 cy</td>
</tr>
</tbody>
</table>
3. Activities Completed in October 2006

<table>
<thead>
<tr>
<th>Organization</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>UConn</td>
<td>Attended weekly construction progress meetings</td>
</tr>
<tr>
<td>Haley &amp; Aldrich</td>
<td>Attended weekly construction progress meetings</td>
</tr>
<tr>
<td></td>
<td>Contract Administration and Inspection</td>
</tr>
<tr>
<td>Earth Tech</td>
<td>Attended weekly construction progress meetings</td>
</tr>
<tr>
<td>USGS</td>
<td>No activity</td>
</tr>
<tr>
<td>Mitretek</td>
<td>Reviewed landfill webpage text</td>
</tr>
<tr>
<td>Phoenix</td>
<td>Analytical laboratory work</td>
</tr>
<tr>
<td>Regina Villa Associates (RVA)</td>
<td>Reviewed landfill webpage text about remedial construction activities</td>
</tr>
<tr>
<td></td>
<td>Continued to communicate with public and respond to public queries</td>
</tr>
<tr>
<td></td>
<td>Followed up on outreach to community re construction startup</td>
</tr>
</tbody>
</table>

4. Activities Completed in November 2006

<table>
<thead>
<tr>
<th>Organization</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>UConn</td>
<td>Discussion with CM regarding landfill closure</td>
</tr>
<tr>
<td></td>
<td>Attended weekly construction progress meetings</td>
</tr>
<tr>
<td></td>
<td>Reviewed landfill webpage text</td>
</tr>
<tr>
<td>Haley &amp; Aldrich</td>
<td>Discussions with UConn regarding Celeron Square lease agreement</td>
</tr>
<tr>
<td></td>
<td>Attended weekly construction progress meetings</td>
</tr>
<tr>
<td></td>
<td>Contract Administration and Inspection</td>
</tr>
<tr>
<td></td>
<td>Discussion with CM regarding landfill closure</td>
</tr>
<tr>
<td>Earth Tech</td>
<td>Contract administration services</td>
</tr>
<tr>
<td></td>
<td>Attended weekly construction progress meetings</td>
</tr>
<tr>
<td>USGS</td>
<td>No activity</td>
</tr>
<tr>
<td>Mitretek</td>
<td>Reviewed landfill webpage text</td>
</tr>
<tr>
<td>Phoenix</td>
<td>No activity</td>
</tr>
<tr>
<td>Regina Villa Associates (RVA)</td>
<td>Reviewed landfill webpage text</td>
</tr>
</tbody>
</table>

5. Activities Completed in December 2006

<table>
<thead>
<tr>
<th>Organization</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>UConn</td>
<td>Discussion with CM &amp; Trade Contractors regarding landfill closure</td>
</tr>
<tr>
<td></td>
<td>Reviewed landfill webpage text.</td>
</tr>
<tr>
<td></td>
<td>Attended weekly construction progress meetings</td>
</tr>
<tr>
<td>Haley &amp; Aldrich</td>
<td>Discussion with CM &amp; Trade Contractors regarding landfill closure</td>
</tr>
<tr>
<td></td>
<td>Contract Administration and Inspection</td>
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<td></td>
<td>Reviewed landfill webpage text.</td>
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<td>Mitretek</td>
<td>Reviewed landfill webpage text.</td>
</tr>
<tr>
<td>Phoenix</td>
<td>Analytical laboratory work</td>
</tr>
<tr>
<td>Regina Villa Associates (RVA)</td>
<td>Updated landfill webpage text regarding remedial construction activities</td>
</tr>
</tbody>
</table>
6. Project Permits, Approvals, Conditions

A. Sequence of Construction: In order to avoid potential re-contamination of the sediment removal areas, UConn had anticipated that the LITs would be installed and functional prior to performing the sediment removal work. But, because of schedule considerations, wetlands excavation work will occur jointly with the LIT installations. During interim periods excavated sediments will be dewatered for eventual incorporation into the landfill closure.

B. Environmental Performance: In order to secure approval of and proceed with construction, the Owner is committed to comply with terms of the following permits and approvals:

1. A letter dated February 14, 2004 from Connecticut Light and Power (CL&P), a division of Northeast Utilities System, granting permission for work within a CL&P right-of-way, and the following associated guidelines:
   a. Guidelines for permitting compatible woody vegetation to be planted or to exist on electric transmission rights of way
   b. Operation of equipment under and adjacent to Northeast Utilities lines on rights of way
   c. General guidelines for landowner uses proposed within Northeast Utilities’ rights of way

2. A Section 404 Individual Permit from U.S. Army Corps of Engineers, approved May 18, 2005

3. The following permits and approvals from the CTDEP:
   a. Inland Wetlands and Watercourses Permit, approved May 10, 2005
   b. 401 Water Quality Certificate, approved May 10, 2005
   c. General Permit for Discharge of Groundwater Remediation Wastewater to a Sanitary Sewer, approved October 8, 2002
   d. Flood Management Certificate, approved December 9, 2004
   e. Closure Plan Approval, approved November 22, 2004
   f. Waste disposal permit, approved November 22, 2004
   g. Landfill closure permit, approved November 22, 2004 - Remedial Action Plan Implementation, Landfill and Former Chemical Pits University of Connecticut, Storrs, CT Summary of Work 01010-5, Revised March 6, 2005
   h. Post-closure use permit, approved November 22, 2004
   i. State Traffic Commission Certificate (904-G) from CTDOT – on November 22, 2006, a one-year extension was requested

4. Before Substantial Completion, inspect, test, and adjust performance of all systems and facilities of the work to ensure that overall performance is in compliance with terms of the permits and manufacturer’s recommendations, as applicable

5. 180 to 300 days after the date of Substantial Completion, inspect, test, and adjust all systems and facilities of the work. Measure performance relative to terms of the above permits to demonstrate and record compliance. Submit a report of results to the Owner

6. Instruct the Owner’s operating personnel on operational requirements needed to maintain compliance.

7. Report performance of completed installations after adjustments that appear unable to comply with the requirements of the permits or manufacturer’s recommendations
7. **Long-Term Monitoring Plan (LTMP)**

UConn has started construction activities to remediate and close the landfill and former chemical pits in accordance with the closure plan approved by the CTDEP. During the past six years, an Interim Monitoring Plan (IMP) has been established to sample active residential water supply wells in the study area on a quarterly basis during the hydrogeologic investigation. Results from these sampling rounds have been forwarded to the homeowners and to CTDEP.

UConn has transitioned from the IMP sampling to the LTMP sampling. This means that some of the residential wells previously sampled are no longer to be sampled and some other wells will be added to the LTMP. The active residential wells sampled under each plan are as follows:

<table>
<thead>
<tr>
<th>LTMP (Active)</th>
<th>LTMP (Inactive)</th>
</tr>
</thead>
<tbody>
<tr>
<td>38 Meadowood Road</td>
<td>202 North Eagleville Road</td>
</tr>
<tr>
<td>41 Meadowood Road</td>
<td>156 Hunting Lodge Road</td>
</tr>
<tr>
<td>65 Meadowood Road</td>
<td></td>
</tr>
<tr>
<td>202 Separatist Road</td>
<td></td>
</tr>
<tr>
<td>206 Separatist Road</td>
<td></td>
</tr>
<tr>
<td>211 Separatist Road</td>
<td></td>
</tr>
</tbody>
</table>

Beginning in January 2006 and thereafter, only the LTMP wells are sampled. Haley & Aldrich, as representatives of UConn, collects quarterly tap samples for water quality analyses from the residences noted above. The Long Term Monitoring Plan – October/November 2006 Sampling Round #1 was submitted by Haley & Aldrich to CTDEP on November 29, 2006.

UConn and Haley & Aldrich will continue to evaluate the results in coordination with CTDEP and Eastern Highland Health District (EHHD) and provide copies of the results to the homeowners.

8. **Technical Review Session Information**

General: To summarize, the public involvement process is being utilized to provide public involvement in the CTDEP decision-making process regarding the investigation, environmental monitoring programs, and potential cleanup of the site.

Public Availability Review Session: There were no public sessions held during this period

9. **Proposed Sampling Year 2006 - 2007**

UConn is utilizing Phoenix Laboratory (Phoenix) for project analytical analyses that include the following:

- LTMP Drinking Water Samples
- LTMP Surface Water Samples
- LTMP Monitoring Well Samples (existing)
- Stormwater Discharge & Frac Tank
- Remediation/Confirmation Sampling (Sediments)
- LTMP Monitoring Well Samples (existing)
10. Background - Remedial Action Plan Implementation, Landfill and Former Chemical Pits

The CM represents UConn on the job and will also be the liaison for issues that may arise in the community during construction. While the design and implementation plan tried to anticipate problems during construction, if any problems arise, the on-site manager will be the person to address them as quickly as possible.

The CTDEP approved the Closure Plan for the UConn landfill on November 22, 2004.

Redevelopment

The site redevelopment scheme and specific information for post-closure redevelopment is provided in the Remedial Action Plan (RAP) and IMP. Post-closure redevelopment and use is proposed as part of the closure approach. With regulatory approval, UConn intends to construct a parking lot on the landfill and continue to use the F-Lot area as a parking lot. An environmental land use restriction (ELUR) will be placed on the landfill area, the chemical disposal pits and F-Lot to protect the landfill cap and limit site use.

Closure Plan

On August 4, 2003, the Closure Plan Report was submitted to CTDEP, Town of Mansfield, EHHID, and the USEPA. The plan describes how the RAP will be implemented to close the UConn landfill, former chemical pits and F-Lot disposal site. Elements of the closure plan included:

- Site preparation, limited waste relocation, compaction and subgrade preparation and capping;
- Landfill cap construction, which includes a gas collection layer, low permeability layer and protective cover/drainage layer;
- Construction and operation of a gas collection system to manage methane gas emissions from the landfill and prevent uncontrolled migration;
- Construction of a leachate collection system;
- Construction and operation of a storm water management system;
- Development of a comprehensive post-closure maintenance and monitoring program;
- Development of the former chemical pits area as green space; and
- Use of the landfill and F-Lot site as parking lots.

Post-Closure

Post-closure developments at the site, along with the post-closure use plans, were prepared in accordance with the requirements of the Solid Waste Management Regulations and the Remedial Standard Regulations (RSRs). Further, post-closure use design considered the need to:

- Maintain the integrity of the final cover;
- Provide for long-term maintenance of the final cover;
- Protect public health, safety, and the environment;
- Mitigate the effects of landfill gas both vertically and laterally throughout post-closure;
- Maintain final cap integrity considering site settlement and post-closure use; and
- Landfill closure and redevelopment objectives.

The closure plan sets aside areas for a number of activities to take place, including soil processing and stockpiling, room for storing materials and equipment, and soil and waste removal areas. UConn's CM firm will have to comply with odor, noise, dust and other controls, including keeping any relocated waste
covered. The contractor will also build a construction fence around the site for security. The first steps in closing the landfill will focus on removing sediments and consolidating waste.

Narrative Report - Nature of Construction
The project consists of capping of the former UConn landfill and former chemical pits area. Paved parking areas are planned on the top, relatively flat portion of the landfill. Drainage from the parking areas will be managed by a proposed stormwater drainage system. Leachate interceptor trenches are proposed to the north and south of the landfill to intercept leachate-contaminated groundwater that would otherwise discharge to adjacent streams and wetlands.

Contaminated sediments will be remediated by excavation, dewatering and placement of sediments in the landfill prior to final grading and capping. Excavation, filling and construction activities will be required along the perimeter of the landfill to consolidate landfill refuse that was disposed of in areas now comprised of wetlands. The closure of the UConn landfill and former chemical pits is an integrated approach designed to manage contaminated sediments and solid waste through consolidation and capping, and collect leachate-contaminated groundwater to prevent discharge to waters of the State of Connecticut.

Intended Sequence of Operations
The following is a sequential list of the proposed operations:
- Mobilization, Site Preparation, and Stormwater/Erosion Control
- Staging of field offices and related equipment
- Security fencing
- Construction of service roads
- Contaminated Sediment Removal and Relocation
- Leachate Interceptor Trench (LIT) Construction
- Waste Consolidation
- Installation of Pre-Cast Concrete Buildings
- Land reshaping and grading
- Cover System Installation
- Road and Parking Lot Construction
- Project Completion, Demobilization and Closeout

Wetlands Mitigation
Based on coordination with the various regulatory agencies, a proposed wetland mitigation plan has been developed in accordance with the ACOE-NE “New England District Mitigation Guidance” and “New England District Mitigation Plan Checklist” dated December 15, 2003. The wetland mitigation plan has evolved in response to guidance received from the CTDEP and ACOE-NE. Alternative wetland mitigation sites were evaluated.

Some or all of these sites will be used to create wetlands by excavating and removing fill and natural soils to a pre-determined depth below the water table. The excavated materials will be used to backfill sediment remediation areas within existing wetlands adjacent to the landfill. Principal criteria used in the evaluation of mitigation area suitability were:
- Site construction should not disturb valuable wildlife habitat.
- Site hydrology must be reliable to support desired wetland hydroperiod.
- Sites should be isolated from human activity.

Other components of the Mitigation Plan include restoration of wetland areas disturbed by waste consolidation, landfill closure or sediment remediation, establishing an open space corridor and controlling invasive species.
CTDEP Consent Order
Quarterly Progress Report - October, November, December 2006
December 29, 2006

The wetland mitigation program’s main goal is to provide compensation for wetland functions and values that will be adversely affected by the proposed site remediation. As documented in the Owner’s Section 404 Permit Application and associated “Wetland Assessment: UCONN Landfill” (Wetland Assessment), the principal wetland function of the affected wetlands is wildlife habitat. Water quality improvement, sediment retention, and education are also important functions.

11. Hydrogeologic Investigation Groundwater and Soil Sampling – UConn Landfill Project
Phoenix Laboratory located in Manchester, CT, is an independent State-certified laboratory (http://www.phoenixlabs.com/Profile.html). UConn is utilizing Phoenix for project analytical analyses.

12. UConn Project Web Site
UConn announced in Spring 2003 that a new web site would provide up-to-date information on the UConn Landfill Remediation Project. The web site was created in response to comments made by the public during public involvement review. The site’s Internet address is http://landfillproject.uchc.edu/ and the web site includes a description of the project, timeline, project contacts and list of places to find documents, copies of recent notices, releases and publications that site visitors can download a project map and links to other sites, such as the CTDEP. A subsection contains updated construction information (see: http://landfillproject.uchc.edu/files/construction.html).

13. UConn’s Technical Consultants - Hydrogeologic Investigation Team

Haley & Aldrich: Haley & Aldrich is conducting construction contract administration and inspection services, as well as monitor well samplings. Work also included technical input and the review of permitting and design work for landfill and former chemical pits remediation based on final RAF. Consultant prepared the submitted Closure Plan, provided construction drawings and specifications, and prepared the submitted Permit applications to CTDEP and ACOE. Consultant assisted in the preparation of the Comprehensive Hydrogeologic Report and RAP, as well as public meeting preparation. Consultant will provide contract administration and inspection services during construction.

Earth Tech: Earth Tech is conducting construction contract administration, conducted roadway layout and parking lot design work, and State Traffic Commission Certificate permitting services. Consultant will provide contract administration and inspection services during construction.

Mitretek Systems: Mitretek's work included meeting attendance and input, technical review of data, fieldwork and coordination with the project hydrogeologic team. Consultant assisted in the preparation of the Comprehensive Hydrogeologic Report and RAP, as well as public meeting preparation and reviewed UConn Update. Responses to Comments on the Comprehensive Hydrogeologic Investigation Report and RAP, and various other responses to regulatory comments on permit applications.

United States Geologic Survey: The USGS work tasks included Final Supplemental Hydrogeologic Investigation Scope of Work contribution and reviews. The USGS interpreted surface geophysical survey data, conducted and interpreted borehole geophysical surveys, and is collecting bedrock ground-water level information. USGS was also involved in hydrogeologic data assessment and evaluation.

Phoenix Environmental Laboratories, Inc.: Phoenix is conducting sample analyses as part of the UConn Landfill project and IMP.

Regina Villa Associates: RVA is the community information specialist and continues to produce and distribute the UConn Update. Work also included the integration of review comments and assistance with public involvement as well as public meeting preparation.
The submitted Plan for presentation and the Schedule for Compliance for Consent Order SRD-101 Hydrogeologic Investigation - University of Connecticut Landfill, F-Lot and Chemical Pits, Storrs, CT, has been proposed for modification as follows (completed items in italics):

<table>
<thead>
<tr>
<th>Consent Order Deliverable</th>
<th>Contents</th>
<th>Dates of Presentations and Submittals to CTDEP</th>
</tr>
</thead>
<tbody>
<tr>
<td>UConn Landfill and Former Chemical Pits — Ecological Assessment</td>
<td>Results of Ecological Assessment and Implications of the Assessment on Evaluation of Remedial Alternatives</td>
<td>January 9, 2002 (presentation completed); April 11, 2002 (interim report submitted*)</td>
</tr>
<tr>
<td>UConn Landfill and Former Chemical Pits — Conceptual Site Model (CSM), impact on bedrock groundwater quality</td>
<td>CSM details and supporting geophysical, hydrological, and chemical data</td>
<td>February 7, 2002 (presentation completed) April 8, 2002 (interim report submitted*)</td>
</tr>
<tr>
<td>Remedial alternatives for the UConn Landfill, former chemical pits, F-Lot, and contaminated ground water</td>
<td>Report will be included as the Remedial Action Plan in the Comprehensive Report</td>
<td>June 13, 2002 (presentation completed)</td>
</tr>
</tbody>
</table>
| Comprehensive Hydrogeologic Report and Remedial Action Plan - integration of information in all interim reports and all previous reports | - Results of Comprehensive Hydrogeologic Investigation  
- Remedial Action Plan  
- LTMP  
- Schedule (to include public and agency review, permitting, design, and construction)  
- Post-Closure  
- Redevelopment Plan for the UConn Landfill and F-Lot | August 29, 2002 (presentation**) October 31, 2002 (Comprehensive Report Submitted to CTDEP) |
| Remedial Action Design to include comprehensive interpretive design of the Landfill final cap | Detailed design drawings and specifications of the preferred remedial alternative(s)         | A Technical Review Committee Meeting was held Wednesday, June 25, 2003. Summer 2003 (Comprehensive Design Submittal)  
A public review session for the UConn landfill design took place at the Town of Mansfield, September 3, 2003. |
<table>
<thead>
<tr>
<th>Consent Order Deliverable</th>
<th>Contents</th>
<th>Dates of Presentations and Submittals to CTDEP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Implement Remedial Action Plan for the UConn Landfill, former chemical pits, F-Lot and contaminated groundwater</td>
<td>Finalize detailed construction drawings, and specifications Develop bid packages based on approved Remedial Action Plan - Competitive Bidding Process - Select Contractor - Obtain Permits as detailed in the Remedial Action Plan Mobilization &amp; Fieldwork</td>
<td>July 2003 through 2005 (Contractor selection June/July 2004 Notice of Award Sent to O&amp;G) REVISED ***</td>
</tr>
<tr>
<td>Initiation of Construction of Approved Remedial Option</td>
<td>Selection of contractors and the beginning of Pre-Construction Phase Services and construction of approved remedial options</td>
<td>On-going – Construction activities began July 2006 Mobilize contractor(s) (Contingent on Construction Timetable *** REVISED ***</td>
</tr>
<tr>
<td>Initiation of Long Term Monitoring Plan (LTMP)</td>
<td>IMP/LTMP sampling continues quarterly.</td>
<td>LTMP started January 2006 REVISED ***</td>
</tr>
<tr>
<td>Completion of Remedial Construction</td>
<td>Comprehensive final as-built drawings and closure report for the UConn Landfill, former chemical pit area.</td>
<td>December 2007- Anticipated completion of construction (Contingent on Construction Timetable *** REVISED ***</td>
</tr>
<tr>
<td>Post-Closure Monitoring</td>
<td>Begin post-closure monitoring program of the Remedial Action upon approval from CTDEP</td>
<td>January 2008 (Contingent on Construction Timetable *** REVISED ***</td>
</tr>
</tbody>
</table>

* Interim reports submittals are the data packages that support the presentation accompanied by interpretive text sufficient for review. Comments received will be addressed.

** Results will not be complete until evaluation of data from MW 208R, if permission to drill from the property owner is received or an alternate is approved.

*** Contingent on CTDEP approvals, construction timetable based on bidding market, weather conditions, numerous permitting issues, along with State and local reviews and conditions.
15. Remedial Action Implementation Construction Aerial Photographs (October 31, 2006)

- Project Site, Looking Northwest
- Project Site, Looking East
- Project Site, Looking West
- Project Site, Looking West
- Project Site, Looking South
- Wetlands Work Area, Looking South
- Project Site, Looking North
- Wetlands Work Area, Looking West
16. **Listing of Project Contacts**

Matthew Hart, Town Manager  
Town of Mansfield  
Audrey P. Beck Building  
4 South Eagleville Road  
Mansfield, CT 06268-2599  
(860) 429-3336

U.S. Environmental Protection Agency  
Northeast Region  
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(617) 918-1554

Rick Standish, L.E.P.  
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Raymond Frigon, Project Manager  
CT Department of Environmental Protection Water Management Bureau,  
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Hartford, CT 06106-5127  
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Storrs, CT 06269-4144  
(860) 486-3530

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University of Connecticut, Environmental Policy  
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Storrs, CT 06269-3038  
(860) 486-8741

James Pietrzak, P.E., CHMM, Senior Project Manager  
University of Connecticut, Architectural & Engineering Services  
31 LeDoyt Road, Unit 3038  
Storrs, CT 06269-3038  (860) 486-5836
17. Project Documents

Copies of project documents are available at:

Town Manager's Office
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4 South Eagleville Road
Mansfield, CT 06268
(860) 429-3336

CT Dept. of Environmental Protection
Contact: Ray Frigon
79 Elm St.
Hartford, CT 06106-5127
(860) 424-3797

Mansfield Public Library
54 Warrenville Road
Mansfield Center, CT 06250
(860) 423-2501

UConn at Storrs
Contact: Scott Brohinsky
University Communications
1266 Storrs Road, U-144
Storrs, CT 06269-4144
(860) 486-3530

18. Certification:

As part of this submission, I am providing the following certification:

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statement made in this document or its attachments may be punishable as a criminal offense.

Please contact James M. Pietrzak, P.E. at (860) 486-5836 or me at (860) 486-8741 if you need additional information.

Sincerely,

Richard A. Miller
Director, Office of Environmental Policy

RAM/JMP
CTDEP Consent Order
Quarterly Progress Report-October, November, December 2006
December 29, 2006

cc:

Robert Bell, CTDEP
James Bradley, UConn
Scott Brohinsky, UConn
Thomas Callahan, UConn
Marion Cox, Resource Associates
Elida Danaher, Haley & Aldrich
Nancy Farrell, RVA
Barry Feldman, UConn
Salvatore Giuliano, NU Real Estate
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Matthew Hart, Town Manager, Mansfield
Allison Hilding, Mansfield Resident
Traci Iott, CTDEP
Carole Johnson, USGS
Ayla Kardestuncer, Mansfield Common Sense
John Kastrinos, Haley & Aldrich
Alice Kaufman, USEPA
Wendy Koch, Epona
George Kraus, UConn
Chris Mason, Mason & Associates
Robert Miller, Eastern Highlands Health District
Gregory Padick, Mansfield Town Planner
James Pietrzak, UConn
John Sobanik, Celeron