October 19, 2007

Raymond L. Frigon, Jr.
Environmental Analyst
State of Connecticut, Department of Environmental Protection
Bureau of Water Protection and Land Reuse
79 Elm Street
Hartford, CT 06106-5127

RE: CONSENT ORDER #SRD 101, STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION (CTDEP)
QUARTERLY PROGRESS REPORT – JULY, AUGUST, AND SEPTEMBER 2007
UNIVERSITY OF CONNECTICUT LANDFILL, STORRS, CT
PROJECT # 900748

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:

- Tentative Closure Schedule - Construction Schedule update
- Hillside Environmental Education Park (HEEP)
- Monthly Construction Activity Reports (July-September)
- Monthly Permitting Activity Reports (July-September)
- Construction Photographs
- Consultant Activities (July-September)
- Long-Term Monitoring Plan (LTMP)
- Technical Review Session Information
- Proposed Sampling Year 2007

- Project Permits, Approvals, Conditions
- Background-Remedial Action Plan Implementation, Landfill and Former Chemical Pits
- UConn’s Technical Consultants - Hydrogeologic Investigation Team
- Schedule for Compliance (Revision No. 3)
- Listing of Project Contacts
- UConn Project Web Site
- Project Documents
- Certification

*Equal Opportunity Employer*

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Tentative Closure Schedule – Construction Schedule update

O&G Industries, Inc., the Construction Manager (CM) has provided an updated schedule as of September 25, 2007. Revisions from previous reports are shown in bold italics.

<table>
<thead>
<tr>
<th>Construction Task</th>
<th>Estimated Start Date</th>
<th>Estimated Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobilization, Site Preparation, and Stormwater and Erosion Control</td>
<td>July-06</td>
<td>Completed August-06</td>
</tr>
<tr>
<td>Contaminated Sediment Removal and Relocation</td>
<td>September-06</td>
<td>Completed December-06</td>
</tr>
<tr>
<td>Construction of the leachate interceptor trenches (LITs)</td>
<td>November-06</td>
<td>Completed December-06</td>
</tr>
<tr>
<td>Waste Consolidation</td>
<td>August-06</td>
<td>Completed August-07</td>
</tr>
<tr>
<td>Land Reshaping and Grading</td>
<td>August-06</td>
<td>Completed November-07</td>
</tr>
<tr>
<td>Installation of Monitoring Wells</td>
<td>February-07</td>
<td>Completed August-07</td>
</tr>
<tr>
<td>Stormwater Ponds &amp; Outfall Installations</td>
<td>January-07</td>
<td>October-07</td>
</tr>
<tr>
<td>Cover System Installation</td>
<td>August-07</td>
<td>October-24, 2007</td>
</tr>
<tr>
<td>Pave Access Road</td>
<td>October-07</td>
<td>November-07</td>
</tr>
<tr>
<td>Winter Shutdown</td>
<td>December 31, 2007</td>
<td>April 2, 2008</td>
</tr>
<tr>
<td>Parking Lot and Walk Paving</td>
<td>April 15, 2008</td>
<td>April 29, 2008</td>
</tr>
<tr>
<td>Closeout - Project Completion, Demobilization</td>
<td>May 21, 2008</td>
<td>June 02, 2008</td>
</tr>
<tr>
<td>Preparation of closure certification report</td>
<td>Following Project Closeout</td>
<td>90 - 120 Days</td>
</tr>
</tbody>
</table>

Hillside Environmental Education Park (HEEP)

CTDEP has approved a Remedial Action Plan (RAP) to close the UCONN landfill and former chemical pits and remove leachate-contaminated sediments from wetlands located along the landfill perimeter in order to provide a sustainable solution to the site's environmental problems. In addition to the landfill remediation, this plan also requires a wetlands mitigation project.

Aside from the required clean-up and mitigation, this project area has been designated as the Hillside Environmental Education Park (HEEP). Working closely with the Landfill Remediation team, the faculty, staff, and students involved in planning HEEP are focused on determining ecological and educational uses of the landfill site both during and after the landfill closure process. Over the last few years, these members have worked at identifying and encouraging faculty and student groups interested in using the landfill site to pursue research in environmentally related fields. These areas may include topics such as environmental rehabilitation and sustainability, wildlife research, wetlands ecosystem development and research, and invasive species management. UConn is currently coordinating with the CTDEP in finalizing a legal Conservation Agreement to be signed and filed with the Town of Mansfield land records.
Monthly Construction Activity Reports

The following construction related work was completed since the last quarterly report:

July 2007
After completion of the second phase of Deep Dynamic Construction (DDC) in June, Haley and Aldrich (H&A) reviewed the survey information provided by R. Bates and Sons to determine the final elevation of the future parking lot on the top of the landfill. This survey information revealed that there was more material than anticipated during design, so a revised grading plan was developed and issued as Bulletin #4. This bulletin only addressed grading in the north and central areas of the landfill. The southern areas will be addressed in Bulletin #5 at a future date. With these changes to the grading, the liner installation had to be pushed in the schedule. The liner installation was scheduled for the end of August. This schedule shift will result in the final pavement of the parking lot to be done in the spring of 2008.

R. Bates and Sons (Bates) moved quickly to achieve the revised grading plan, and the placement of subgrade material. They cut in the trenches for the storm water system at their new elevations in the north and placed subgrade material in all of these trenches. They also placed subgrade material on the whole northern end and central areas of the landfill. The remainder will be completed once Bulletin #5 is issued.

Ducci Electric (Ducci) received and placed both the electrical cabinet and the data cabinet. Ducci then pulled wire from the electrical cabinet to both compressor buildings. They also installed the duct bank along North Hillside Road for our communications tie in and received and placed the new transformer for the project. Ducci is currently making plans for the “tie in” for power at the top of the new access road.

Other work performed during the month of July was screening onsite material for liner installation at a later date, installation of the remaining drainage structures along the access road, continuation of temporary pumping of the LIT Trench in the north, construction of the two lookout platforms in the wetland areas, placing of subgrade material on the access road and grading in the chemical pit area.

August 2007
Bulletin #5 was issued at the beginning of August giving Bates the information they needed to continue with the revised grading on top of the landfill in the southern section. Bates moved quickly on Bulletin #5 in attempt to start the liner installation sooner than scheduled. They achieved their goal with the revised grading and cutting in the trenches for the drainage lines and allowed their liner subcontractor to start ahead of schedule.

New England Liner, Bates’ subcontractor, began liner installation in the northwest corner of the landfill. After two weeks of work, they have completed liner installation on approximately 75% of the landfill slopes. The remaining slope areas in the south will be completed after the liner is installed on the top of the landfill. The liner installation on top is temporarily on hold until we receive information related to installing light pole, gas vent, camera and blue phone bases. The team is currently trying to develop a plan to allow installation of the liner prior to these bases, once again to maintain or push ahead of schedule.

Other work performed during the month of August was screening of topsoil for landscaping at a later date, installation of the remaining LIT Recovery Well #3, installation of additional gravel along the access road per Bulletin #5, continuation of temporary pumping of the LIT Trench in the north, installation of two monitoring wells in the area of F lot and installation of an electrical duct bank and extension of an existing sanitary line both across the access road to be used on a future project.
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September 2007
During the month of September, liner installation continued on top of the landfill after a plan to continue prior to receiving bases for light poles, future cameras and gas vents was approved. This approved plan was to install large Sonotubes in place of the bases. The liner would be installed over these tubes. Once the bases are delivered, the liner would be cut over the Sonotubes, and bases installed inside of the tubes. Half of the liner on top of the landfill was completed this month.

Bates began placing stone on the slopes where liner has been completed. Other work performed during the month of September was continuation of temporary pumping of the LIT Trench in the north, electrical tie in of power for the project site, delivery and mechanical installation of the compressors and well pumps, gas vent piping, installation of the North Pond outlet structure, installation of the north storm water drainage line down the north face of the landfill, and miscellaneous electrical work in the compressor buildings.

Monthly Permitting Activity Reports

The following permit-related work was completed since the last quarterly report:

July 2007
Bates continued pumping from the northern Leachate Interceptor Trench (LIT) to the university wastewater treatment plant using a temporary, portable vacuum pump.

Haley & Aldrich developed a plan to manage the excess material, including the topsoil within the landfill.

Mason & Associates, Inc. (Mason), the project wetlands scientist, conducted some monitoring work on September 30, 2007 - GPS data collection of special habitat features such as coarse woody debris in the wetland creation and restoration areas.

A meeting was held on September 27, 2007 with University officials, Haley & Aldrich, Mason and O&G to discuss the proposed Hillside Environmental Education Park (HEEP). The agenda included issues such as the creation of interpretative trails, observational platform and educational use of the open space area.

Bates finished installing wetlands observation boardwalks in Wetland Area C West and the Wetland Creation Area.

August 2007
UConn authorized Haley & Aldrich to proceed with the design of the Hunting Lodge Road “pull-off,” which will encourage public access to the Conservation Area being established per the project Permit requirements.

New England Liner placed flexible membrane liner over the landfill, provided independent testing and TRI/Environmental tested the heat-fusion welded seams on behalf of Uconn.

The site contractor Bates continued pumping from the northern LIT to the university wastewater treatment plant using a temporary, portable vacuum pump.

CTDEP approved Haley & Aldrich’s proposal to place excess fill material under the liner in the former chemical pits area, raising the design grade by approximately 6 to 12 inches.
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September 2007
Haley & Aldrich proceeded with the design of the Hunting Lodge Road “pull-off”.

TRI/Environmental continued to test the heat-fusion welded seams.

Bates continued pumping from the northern Leachate Interceptor Trench (LIT) to the university wastewater treatment plant using a temporary, portable vacuum pump

Construction Photographs

Northern Wetlands Creation Areas
August 1, 2007

Aerial View Looking East, August 1, 2007

Wetlands Creation Areas – August 1, 2007
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Aerial View, Looking South, September 12, 2007

Aerial View, Looking South, September 12, 2007

Aerial View, Looking West, September 12, 2007

Aerial View, Looking Eastern, September 12, 2007
**Consultant Activities (July - September)**

<table>
<thead>
<tr>
<th>Organization</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>July 2007</strong></td>
<td></td>
</tr>
<tr>
<td>UConn</td>
<td>• Discussions with Engineers and CM regarding landfill closure&lt;br&gt;• Attended weekly construction progress meetings</td>
</tr>
<tr>
<td>Haley &amp; Aldrich</td>
<td>• Attended weekly construction progress meetings&lt;br&gt;• 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>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>
<tr>
<td>Field Safety Corporation</td>
<td>• Third party inspection of project site safety conditions</td>
</tr>
<tr>
<td>Camp Dresser &amp; McKee (CDM)</td>
<td>• No activity</td>
</tr>
</tbody>
</table>

| **August 2007**                       |                                                                                             |
| UConn                                 | • Attended weekly construction progress meetings<br>• Discussions with Engineers and CM regarding landfill closure |
| Haley & Aldrich                      | • Discussion with CM regarding landfill closure<br>• Attended weekly construction progress meetings<br>• Contract Administration and Inspection |
| Earth Tech                           | • Contract administration services<br>• Discussion with CM regarding landfill closure<br>• Attended weekly construction progress meetings |
| USGS                                 | • No activity                                                                               |
| Phoenix                              | • No activity                                                                               |
| Regina Villa Associates (RVA)         | • Updated landfill webpage text regarding remedial construction activities                   |
| Field Safety Corporation             | • Third party inspection of project site safety conditions                                    |
| Camp Dresser & McKee (CDM)           | • No activity                                                                               |
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### September 2007

<table>
<thead>
<tr>
<th>Organization</th>
<th>Activity</th>
</tr>
</thead>
</table>
| UConn                               | • Discussions with Engineers and CM regarding landfill closure  
|                                     | • Attended weekly construction progress meetings.                       |
| Haley & Aldrich                     | • Discussion with CM & Trade Contractors regarding landfill closure  
|                                     | • Contract Administration and Inspection  
|                                     | • Attended weekly construction progress meetings                       |
| Earth Tech                          | • Contract Administration and Inspection Services  
|                                     | • Discussion with CM regarding landfill closure  
|                                     | • Attended weekly construction progress meetings                       |
| USGS                                | • No activity                                                            |
| Phoenix                             | • Analytical laboratory work                                             |
| Regina Villa Associates (RVA)       | • Updated landfill webpage text regarding remedial construction activities |
| Field Safety Corporation            | • Third party inspection of project site safety conditions               |

**Long-Term Monitoring Plan (LTMP)**

**Technical Review Session Information**
No changes or updates to report since last Quarterly Report.

**Proposed Sampling Year 2007**
No changes or updates to report since last Quarterly Report.

**Project Permits, Approvals, Conditions**
No changes or updates to report since last Quarterly Report.

**Background - Remedial Action Plan Implementation, Landfill and Former Chemical Pits**
No changes or updates to report since last Quarterly Report.

**UConn’s Technical Consultants - Hydrogeologic Investigation Team**

**Haley & Aldrich:** Haley & Aldrich is conducting construction contract administration and inspection services, as well as monitoring 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 RAP. 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 is providing 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 is providing contract administration and inspection services during construction.
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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 LTMP.

Regina Villa Associates: KVA 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.

Field Safety Corporation: Third party inspection of project site safety conditions with a FSC team of trained professionals conducting thorough site assessment reviews.

Camp Dresser & McKee (CDM): Third party erosion and sedimentation controls inspector. CDM is helping UConn meet a wide array of State and federal environmental requirements.

Schedule for Compliance (Revision No. 3)

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>
</tbody>
</table>
| UConn Landfill and Former Chemical Pits — Conceptual Site Model (CSM), impact on bedrock groundwater quality | CSM details and supporting geophysical, hydrological, and chemical data | February 7, 2002 (presentation completed)
April 8, 2002 (interim report submitted*) |
| Remedial alternatives for the UConn Landfill, former chemical pits, F-Lot, and contaminated ground water | Report will be included as the Remedial Action Plan in the Comprehensive Report | June 13, 2002 (presentation completed) |
## Schedule for Compliance Hydrogeologic Investigation of UConn Landfill, F-Lot, and Former Chemical Pits, Storrs, CT – Updated September 25, 2007 (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>
</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. |
| Implement Remedial Action Plan for the UConn Landfill, former chemical pits, F-Lot and contaminated groundwater | 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 & Fieldwork | July 2003 through 2005 (Contractor selection June/July 2004 Notice of Award Sent to O&G)  
REVISED *** |
| Initiation of Construction of Approved Remedial Option                                    | Selection of contractors and the beginning of Pre-Construction Phase Services and construction of approved remedial options | On-going – Construction activities began July 2006  
Mobilize contractor(s) (Contingent on Construction Timetable ***)
REVISED *** |
| Initiation of Long Term Monitoring Plan (LTMP)                                          | LTMP/LTMP sampling continues quarterly.                                    | LTMP started January 2006  
REVISED *** |
| Completion of Remedial Construction                                                      | Comprehensive final as-built drawings and closure report for the UConn Landfill, former chemical pit area. | June 2008 - Anticipated completion of construction (Contingent on Construction Timetable ***)
REVISED *** |
| Post-Closure Monitoring                                                                  | Begin post-closure monitoring program of the Remedial Action upon approval from CTDEP | June 2008 (Contingent on Construction Timetable ***)
REVISED *** |
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* 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.

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
1 Congress Street (CCT)
Boston, MA 02114-2023
(617) 918-1554

Richard P. Standish, L.E.P.
Haley & Aldrich, Inc.
800 Connecticut Blvd. Suite 100
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(860) 290-3131

Raymond Frigon, Project Manager
CT Department of Environmental Protection Water Management Bureau
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Hartford, CT 06106-5127
(860) 424-3797

Karen A. Grava, Media Communication Director
University of Connecticut, Communications
1266 Storrs Road, Unit 4144
Storrs, CT 06269-4144
(860) 486-3530

Richard Miller, Director
University of Connecticut, Environmental Policy
31 LeDoyt Road, Unit 3038
Storrs, CT 06269-3038
(860) 486-8741
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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

UConn Project Web Site
The site’s Internet address is http://landfillproject.uconn.edu/ and a subsection contains updated
construction information (see: http://landfillproject.uconn.edu/files/construction.html).

Project Documents

Copies of project documents are available at:

Town Manager’s Office
Audrey P. Beck Bldg.
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: Karen A. Grava
University Communications
1266 Storrs Road, U-144
Storrs, CT 06269-4144
(860) 486-3530

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 Stephanie Marks at (860) 486-1031 if you
need additional information.

Sincerely,

Richard A. Miller
Director, Office of Environmental Policy
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cc:

Robert Bell, CTDEP
James Bradley, UConn
Scott Brohinsky, UConn
Eileen Brown, UConn
Thomas Callahan, UConn
Marion Cox, Resource Associates
Robert Dahn, Town of Mansfield - Planning Office
Peter Drzewiecki, Town of Mansfield - Planning Office
Nancy Farrell, RVA
Barry Feldman, UConn
Mark Fitzgibbons, UConn
Salvatore Giuliano, NU Real Estate
Roger Gleason, UConn
Brian Gove, UConn
Karen Grava, UConn
Peter Haeni, F.P. Haeni, LLC
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
Jennifer Kaufman, Town of Mansfield - Planning Office
George Kraus, UConn
Scott Lehmann, Town of Mansfield - Planning Office
Chris Mason, Mason & Associates
Stephanie Marks, UConn
Robert Miller, Eastern Highlands Health District
Jessie Shea, Town of Mansfield - Planning Office, Secretary
John Silander, Town of Mansfield - Planning Office
Mike Pacholski, UConn
James Pietrzak, UConn
Rachel Rosen, Town of Mansfield - Planning Office
John Sobaniak, Celeron
Richard Standish, Haley & Aldrich
Frank Trainor, Town of Mansfield - Planning Office
Michael Triba, O&G