October 28, 2009

Mark R. Lewis
State of Connecticut, Department of Environmental Protection
Bureau of Water Protection and Land Reuse-Remediation Division
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, September 2009
Remedial Work Plan Implementation - UConn Project BI-900748
University of Connecticut Landfill, Storrs, CT

Dear Mr. Lewis:

The University of Connecticut (UConn) issues this Quarterly Progress Report to the Connecticut Department of Environmental Protection (CTDEP) in accordance with paragraph B.8 of Consent Order SRD-101. As noted, progress reports must continue “until all actions required by this consent order have been completed as approved and to the satisfaction of the Commissioner, Respondent shall submit a progress report to the Commissioner describing the actions which Respondent has taken to comply with this consent order to date.”

Special note: Since all design and construction activities related to the landfill closure are complete, on October 5, 2009, UConn issued a request to CTDEP to discontinue these reports and instead, report any pertinent updates in the Long Term Monitoring plan reports. Confirmation from the CTDEP is pending.

Progress reported during July, August and September is discussed in the following sections:

- Construction and Closeout Activities
- Permitting and Monitoring Activities - Post Construction Remediation System Inspections
- Photographs
- Long-Term Monitoring Plan (LTMP)
- Contact and project document information
- Project Website
- Certification
Construction and Close-out Activities

<table>
<thead>
<tr>
<th>Construction or Consultant Task</th>
<th>Estimated Start Date</th>
<th>Estimated Completion Date</th>
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<tbody>
<tr>
<td>Submit as-built plans to Commissioner within ninety (90) days of completion of the landfill closure – Construction Closure Report (CCR) as per CTDEP Approval dated November 22, 2004</td>
<td>August 26, 2008</td>
<td>Completed - delivered September 2009</td>
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<tr>
<td>Environmental Land Use Restriction (ELUR)</td>
<td>In process</td>
<td>February 2010</td>
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Permitting and Monitoring Activities including Post Construction Remediation System Inspections

July 2009
- Vernal Pool Monitoring - By July 20, every pool had dried up with the exception of Vernal Pool B, which showed a significantly reduced water level. Overall, water levels in the vernal pools were lower this month compared to last.
- Wetland hydrology - July precipitation total was 8.38 inches, more than double the historical average for July of 3.72 inches. Despite the abundance of rainfall, staff gauges showed water levels in mid-July that were at or below the readings taken in June.
- Invasive Species Control - Cattail (*Typha latifolia*) was pulled in Creation Area C3.
- Wetland mitigation sites continued to demonstrate successful wildlife breeding activity including macroinvertebrates, amphibians, songbirds, and rodents.
- A bird survey was conducted July 16, 2009 at all wetland mitigation sites.
- Wetland Mitigation Remedial Measures - Methods designed to protect woody plantings from animal browse were initiated such as series of Tubex™ enclosures and BioBark™ assemblages (Photo 1)
- Haley & Aldrich conducted the monthly Remediation System Inspection on July 17, 2009
  - Average rate in North Trench = 46,995 gpd and average rate in South Trench = 3,292 gpd

August 2009
- On August 26, 2009, Samantha M. Gwozdzik of the U.S. Army Corps of Engineers in Concord Massachusetts met with UConn and Chris Mason to walk the site and review compliance with the ACOE wetlands permit. No findings were reported. (Photo 2, 3)
- Haley & Aldrich conducted the monthly Remediation System Inspection on August 20, 2009
  - Average rate in North Trench = 48,903 gpd and average rate in South Trench = 26 gpd

September 2009
- On September 29, a meeting and site visit with DEP remediation division, Ray Frigon, Mark Lewis and David McKeegan was held to review and turnover post construction landfill closure activity compliance from Ray Frigon to Mark Lewis, effective September 30, 2009.
- Haley & Aldrich conducted the monthly Remediation System Inspection on September 29, 2009
  - Average rate in North Trench = 43,334 gpd and average rate in South Trench = 23 gpd
Photographs

Photo 1 – July 2009 – Garlic stick deer repellant on Yellow Birch

Photo 2 – August 26, 2009 – Wetland A, Chris Mason during inspection by Samantha Gwozdzik of Army Corps of Engineers, a tree protector tube is seen in the foreground
Long-Term Monitoring Plan (LTMP)
UConn and Haley & Aldrich submitted LTMP Report for Round #10 (April and May 2009 sampling) in July 2009. Samples for Round #11 were collected in October 2009. In general, results of the analysis have been consistent with previous rounds of sampling. We anticipate proposing a change in sampling frequency in the near future.

Listing of Project Contacts and Project Documents
No change to previous reports.

UConn Project Web Site
The site’s Internet address is http://landfillproject.uconn.edu/

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.”

For questions, please contact James Pietrzak at (860) 486-5836 or Stephanie Marks at (860) 486-1031.

Sincerely,

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

Electronic
James Bradley
Jim Walter (replaces Scott Brohinsky)
Eileen Brown
Thomas Callahan
Martha Funderburk (replaces Ann Denny)
Barry Feldman
Kim Knowlton (replaces Mark Fitzgibbons)
Roger Gleason
Brian Gore
George Kraus
Dave Lotreck
Stephanie Marks
Mike Pacholski
Craig Burdick (replaces Mark Roy)
John Kastrinos, H&A
Richard Standish, H&A
Chris Mason, Mason and Associates
Michael Triba, O&G
Carole Johnson, USGS
Raymond Frigon, CTDEP

Hardcopy
Mansfield Public Library (UConn landfill file)
James Pietrzak (UConn project files)
Patricia Fazio, UConn Communications (file)
Traci Iott, CTDEP
Alice Kaufman, USEPA
Marion Cox, Resource Associates
Salvatore Giuliano, NU Real Estate
Peter Haeni, F.P. Haeni, LLC
Allison Hilding, Mansfield Resident
Ayla Kardestuncer, Mansfield Common Sense
Robert Miller, Eastern Highlands Health District
Matthew Hart, Town Manager, Mansfield
Quentin Kessel, Chairman Mansfield Conservation Comm.
Gregory Padick, Director of Planning, Mansfield