



University of Connecticut
*Office of the Vice President and
Chief Operating Officer*

Office of Environmental Policy

Richard A. Miller, Esq.
Director

April 22, 2009

Raymond L. Frigon, Jr.
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 – JANUARY, FEBRUARY, MARCH 2009
REMEDIAL WORK PLAN IMPLEMENTATION - UCONN PROJECT BI-900748
UNIVERSITY OF CONNECTICUT LANDFILL, STORRS, CT

Dear Mr. Frigon:

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, 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: If any of those individuals copied on this Progress Report no longer wish to receive these updates, they are welcome to contact Stephanie Marks, UConn Office of Environmental Policy at Stephanie.marks@uconn.edu.

Progress reported during January, February and March 2009 include:

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

An Equal Opportunity Employer

31 LeDoyt Road Unit 3055
Storrs, Connecticut 06269-3055

Telephone: (860) 486-8741
Facsimile: (860) 486-5477
e-mail: rich.miller@uconn.edu

Construction and Close-out Activities

<u>Construction or Consultant Task</u>	<u>Estimated Start Date</u>	<u>Estimated Completion Date</u>
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	August 26, 2008	Due by November 24, 2008* Pending
Operations and Maintenance Manual (OMM) – Haley & Aldrich (H&A) deliverable	September 2008	Pending
Environmental Land Use Restriction (ELUR)	Underway	Following completion of CCR and OMM, est. April/May 2009
Bus Shelter construction– Partial, Foundation	July 25, 2008	TBD
Deck, Overlook construction – Partial	July 7, 2008	Materials on order, est. completion Summer 2009

* H&A contacted CTDEP on November 6, 2008 requesting to extend the deadline to submit the final reports due to the contractor’s delay in providing acceptable as-built drawings. We estimate that these drawings will be available shortly.

Permitting and Monitoring Activities including Post Construction Remediation System Inspections

January 2009

- Mason & Associates, Inc. (Mason) continues to execute the approved June 2004 Wetlands Mitigation Plan. Monthly inspection was conducted on January 21st. Mason prepared the Annual Wetlands Monitoring Report for Army Corps of Engineers and CTDEP. ACOE approved extending the deadline from December 15, 2008 until January 31, 2009 due to the lack of “as-built” drawings to be provided by the construction contractor. Unfortunately, as stated above, the drawings are still pending finalization although the report was submitted.
- UConn Water Pollution Control Facility (WPCF) personnel continue routine inspections of the compressor stations and associated leachate recovery systems. Problems with the north trench electrical pump (RW-2) and compressor continued. Due to the electrical pump issues, the north station’s compressor was overworked and this caused the need to replace major compressor components prematurely. UConn contracted Scales, a compressor maintenance and repair company, to perform needed repairs and replacement. Parts to repair the electrical pump transducer were also ordered.
- Tim Danaher of Haley & Aldrich conducted the monthly Remediation System Inspection on January 22nd. Notably, UConn properly managed large amounts of snowfall on the parking lot this month by both trucking snow from the lot and placing snow piles in appropriate areas on the lot (Photo 1).
- Due to above mentioned pump and compressor issues, average daily pumping rate in the north trench was ~2,800 gallons per day (GPD). The southern trench daily pumping rate increased from ~1,300 GPD in December to ~5,800 GPD.

February 2009

- Mason’s staff conducted wetlands monitoring activities on February 12, 2009 and, despite lower than average precipitation in January and February, snow melt contributed to overall increases in the water table. Various wildlife tracks and signs were observed throughout the mitigation areas and as previously noted; deer and rodent browse continues to impact vegetation.
- On February 19th, contractors removed and repaired the RW-2 electrical pump. Compressor parts were ordered.
- Tim Danaher of Haley & Aldrich conducted the monthly Remediation System Inspection on February 12th.
- Again, due to above mentioned pump and compressor issues, average daily pumping rate in the north trench in February was still lower at ~6,200 GPD. The southern trench daily pumped ~3,400 GPD.

March 2009

- Mason's staff conducted wetlands monitoring activities on March 13, 20 and 29, 2009. Vernal pool monitoring began this month with notable amphibian and macroinvertebrate activity in most vernal pools (Photo 2).
- North compressor and filters were replaced on March 12, 2009.
- Tim Danaher of Haley & Aldrich conducted the monthly Remediation System Inspection on March 18th and observed the north compressor station and pumps in working order.
- Daily pumping rates for the north station were calculated at ~13,400 GPD due to operational issues from February 19 through March 18. The southern trench daily pumped ~4,400 GPD.

Photographs



Photo 1: Well managed snow pile on south side of Lot C - January 22, 2009



Photo 2: Wood Frog Egg Mass in Created Vernal Pool B - March 2009

Long-Term Monitoring Plan (LTMP)

UConn and Haley & Aldrich submitted LTMP Report for Round #8 (October/November 2008 sampling) on February 2nd. Sampling for Round #9 took place in January and February with the final report distribution in March 2009.

Listing of Project Contacts and Project Documents

No change to previous report.

UConn Project Web Site

The site's Internet address is <http://landfillproject.uconn.edu/> and a subsection contains construction information <http://landfillproject.uconn.edu/updates/>.

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 M. Pietrzak, P.E. at (860) 486-5836 or Stephanie Marks at (860) 486-1031.

Sincerely,



Richard A. Miller
Director, Office of Environmental Policy

CC:

Electronic

James Bradley
Scott Brohinsky
Eileen Brown
Thomas Callahan
Ann Denny
Barry Feldman
Mark Fitzgibbons
Roger Gleason
Brian Gore
George Kraus
Dave Lotreck
Stephanie Marks
Mike Pacholski
Mark Roy
John Kastrinos, H&A
Richard Standish, H&A
Chris Mason, Mason and Associates
Michael Triba, O&G
Carole Johnson, USGS

Hardcopy

Mansfield Public Library (UConn landfill file)
James Pietrzak (UConn project files)
Karen Grava, UConn (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