

GZA
GeoEnvironmental, Inc.

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December 13, 1996
File No. 31030-C

Mr. Dennis aRusso
Interdivisional Manager
R.I. Resource Recovery Corporation
65 Shun Pike
Johnston, Rhode Island 02919



Re: Central Landfill Operable Unit 2 RI/FS
Progress Report No. 22
Work Period: November 14, 1996 through December 13, 1996

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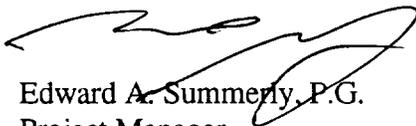
Dear Mr. aRusso:

This letter with attachments serves as the 22nd progress report prepared by GZA GeoEnvironmental, Inc. (GZA) associated with activities completed to date on the Central Landfill Operable Unit 2 Remedial Investigation/Feasibility Study (OU2-RI/FS). This progress report has been prepared in accordance with the requirements of Section 37 of the Administrative Order by Consent, U.S. EPA Docket No. I-87-1016. We prepared this letter on behalf of the RIRRC in accordance with the terms and conditions of our July 1, 1996 Environmental Engineering Services Contract.

Please do not hesitate to call me at ext. 320 with any questions or comments regarding this information.

Very truly yours,

GZA GEOENVIRONMENTAL, INC.


Edward A. Summerly, P.G.
Project Manager

A Subsidiary of GZA
GeoEnvironmental
Technologies, Inc.

EAS:lag

Attachments: Progress Report No. 22

cc: Mr. John Courcier/USEPA
Ms. Becky Cleaver/HNUS
Ms. Laurie Sclama/RIDEM

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PROGRESS MADE THIS REPORTING PERIOD

November 13, 1996 through December 13, 1996

DELIVERABLES AND CORRESPONDENCE THIS PERIOD



GZA has submitted the following correspondence to EPA and RIDEM on behalf of our client, the Rhode Island Resource Recovery Corporation (RIRRC) during this reporting period:

- Response to Review Comments for “Operable Unit 1 - Post-closure Environmental Monitoring and Reporting Plan,” dated November 15, 1996.

GZA has received the following correspondence from either EPA and/or RIDEM regarding this project during this reporting period:

- RIDEM approval letter of the “Recommendations for Drilling Location of MW96-ML10, Technical Memorandum,” dated November 22, 1996.
- EPA approval letter of the “Recommendations for Drilling Location of MW96-ML10, Technical Memorandum,” dated December 5, 1996.

WORK ACCOMPLISHED THIS PERIOD

Multi-Media Sampling and Analytical Program/Task 1- Round 2

GZA received the final analytical reports for the OU2-Round 2 program (VOC resampling) from Mitkem Corporation on December 11, 1996. Copies of all OU2-Round 2 analytical data have now been sent to ECCI of Gorham, Maine for data validation. The validation process is expected to require four weeks to complete; therefore, we anticipate having all validated data by the week of January 6, 1997.

Deep Multi-level Well Installation (MW97-ML10)/Task 4A

Having received approval from EPA and RIDEM, D.L. Maher of North Reading, Massachusetts (the drilling contractor) will mobilize to the site on January 6, 1997 to begin drilling borehole MW97-ML10 on the dam between the Upper and Lower Simmons Reservoirs. The exploration location has been cleared of brush and drill rig access is being evaluated to facilitate completion of MW97-ML10 at the desired location (i.e., 250 feet east of the weir on the dam). In addition, Colog, Inc of Golden, Colorado has been selected to perform the suite of borehole geophysics described in the SAP. A tentative project schedule is shown below for planning purposes.

Residential Well Survey/Task 5A

During this reporting period, GZA completed the Town of Johnston file reviews of the Water Board and Tax Assessor's Office to identify wells within OU2 which may be actively used as supply wells. We are currently summarizing and evaluating this information. In addition, we will attempt to correlate the historical RIDOH and EPA residential well sampling data (presented in the OU1-RI) with our GIS database of located wells in order to identify areas of potential concern.



During our windshield survey of the OU2 area, we located one previously unidentified active groundwater user who is not connected to the public water supply. This resident (Mr. Napoleon Valcourt) is located northwest of the landfill at 1080 Central Avenue (plat 43 / lot 167). We may wish to evaluate his drinking water supply with future sampling.

UPCOMING EVENTS/ACTIVITIES

FIELD ACTIVITIES

Deep Multi-level Well Installation (MW97-ML10)/Task 4A The following is a tentative project schedule for planning purposes.

PROPOSED PROJECT SCHEDULE (MW97-ML10)	
TASK	DATE
Drilling Contractor Mobilizes to Site	January 6, 1997
Deep Well Drilling Commences	January 7
Borehole Drilling Completed	January 10
Geophysical Logging	January 13 and 14
Packer Testing Commences	January 27
Packer Testing Complete	January 29
Monitoring Well Design (Contractor Off-Site)	January 30 through February 7
Well Installation Commences	February 10
Well Installation Completed	February 12
Groundwater Sampling	February 14

Please note that field activities are highly dependent on the weather and the availability of subcontractors and equipment and are thus subject to change. We will notify EPA and RIDEM as such changes become evident.

REPORTS , CORRESPONDENCE AND MEETINGS

We will issue a summary report evaluating the 15 month Stream Flow Measurements/Task 3 surface water hydrology project by January 15, 1997.

We intend to issue tabular summaries of the validated OU2-Round 2 analytical data with the January (23rd) Progress Report.



KEY PERSONNEL

There have been no changes to the project staff.

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