



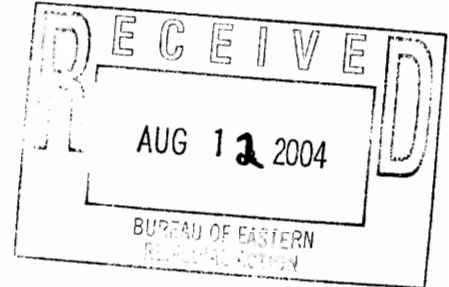
RICH
ENVIRONMENTAL SPECIALISTS

Jones

August 10, 2004

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
Bureau of Eastern Remedial Action
625 Broadway, 11th Floor
Albany, New York 12233-7015

Attention: Joseph Jones, Project Manager
Remedial Section A



Re: **Monthly Progress Report –July 2004**
299 Main St., Site 1-30-043S
New Cassel Industrial Area
Agreement Index # W1-0843-98-06

Dear Mr. Jones:

In accordance with the above referenced Agreement, CA RICH is pleased to provide you with the following Monthly Progress Report. This Report includes selected work items outlined in Section V. Progress Reports pursuant to the above-referenced Agreement.

During the past month (July 2004), the following activities were performed:

- As you already know, during the removal of the 550-gallon fuel oil tank, petroleum contamination was identified in the soil beneath the UST and NYSDEC Region 1 offices were notified and spill number 04-25135 was assigned. During the month of July, the impacted soil was tested and classified as non-hazardous petroleum contaminated soil. The owner has retained the services of Innovative Recycling, Inc. to manage the off-site transportation and disposal of the soil. Currently, Innovative Recycling is awaiting approval from a permitted facility to accept the material.
- We have received the analytical test results from the excavation endpoint soil samples that were collected from the bottom and four sidewalls of the tank excavation (see Table 1, attached). Soil sample results indicates the presence of fuel oil petroleum-related compounds at levels that exceed NYSDEC TAGM #4046 Cleanup Objective Criteria in soils from the bottom and south sidewall (adjacent to the Site building) of the excavation. During the soil removal effort, the excavation could not be advanced any further at these locations due to the close proximity of the building's foundation and structural footing. As such, the excavation was backfilled with clean imported sand after consultation with NYSDEC Region 1 Offices in Stony Brook. The residual petroleum compounds remaining buried at depth in the subsurface soil will be addressed by modifying the design and layout of the planned soil vapor extraction (SVE) system to include this area of the Site as well.

The following work is planned August-September 2004:

- We will continue to prepare a Tank Removal Closure report to address NYSDEC spill no. 04-25135.
- Upon receipt of approval from the selected disposal facility, the owner will coordinate with Innovative Recycling and schedule the off-site removal of the impacted soil from the Site. Currently, due to the amount of stockpiled soil in the work area, there is not sufficient space on the Site to continue with the cleanout of soil from drywell designated "PS-1". Once the soil is removed, the owner will schedule the cleanout of the drywell.

We trust the level of detail provided herein is sufficient at this time. If there is a need for further detail, please contact us.

Yours sincerely,

CA RICH CONSULTANTS, INC.



Steve Sobstyl
Project Manager

Attachment (Table 1)

SS/sgm

cc: see attached distribution

NT Server\Files\Users\Proj\299 MAIN ST\MPR\July-04 Progress Report

Table 1

Summary of Tank Excavation Endpoint Soil Samples

299 Main Street
Westbury, New York
NYSDEC Site # 1-30-043S

Sample ID Location Matrix Date Sampled	EX-Bottom Bottom Soil 6/28/2004	EX-North North Sidewall Soil 6/28/2004	EX-South South Sidewall Soil 6/28/2004	EX-East East Sidewall Soil 6/28/2004	EX-West West Sidewall Soil 6/28/2004	NYSDEC (1) TAGM #4046 Guidance Value
Volatile Organic Compounds (USEPA Method 8021)						
Parameters	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>
MTBE	<100	<2.3	<2.1	<5.9	<2.3	120
Benzene	<100	<2.3	<2.1	<5.9	<2.3	60
Toluene	<100	<2.3	<2.1	<5.9	<2.3	1,500
Ethyl Benzene	2,000	<2.3	<2.1	<5.9	<2.3	5,500
m + p Xylene	26,000	<4.6	<4.1	<12	<4.5	1,200
o Xylene	19,000	<2.3	<2.1	<5.9	<2.3	600
Xylene	45,000	<6.9	<6.2	<18	<6.8	1,200
Isopropylbenzene	1,100	<2.3	<2.1	<5.9	<2.3	2,300
n-Propylbenzene	4,600	<2.3	<2.1	<5.9	<2.3	3,700
1,3,5-Trimethylbenzene	27,000	<2.3	<2.1	28	<2.3	3,300
1,2,4-Trimethylbenzene	72,000	<2.3	<2.1	19	<2.3	10,000
sec-Butylbenzene	1,600	<2.3	<2.1	<5.9	<2.3	10,000
p-Isopropyltoluene	1,100	<2.3	<2.1	<16	<2.3	10,000
n-Butylbenzene	<100	<2.3	<2.1	<5.9	<2.3	10,000
Naphthalene	9,900	<2.3	<2.1	<5.9	<2.3	13,000
tert-Butylbenzene	<100	<2.3	<2.1	<5.9	<2.3	10,000
Semi-Volatile Compounds (USEPA Method 8270)						
Parameters	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>
Naphthalene	5,100	<340	790	<350	<340	13,000
Acenaphthene	<310	<340	430	<350	<340	50,000
Fluorene	850	<340	660	<350	<340	50,000
Phenanthrene	1,700	<340	5,500	560	<340	50,000
Anthracene	<310	<340	1,500	<350	<340	50,000
Fluoranthene	<310	<340	7,000	<350	<340	50,000
Pyrene	<310	<340	8,600	<350	<340	50,000
Benzo(a)anthracene	<310	<340	4,300	<350	<340	224
Chrysene	<310	<340	3,900	<350	<340	400
Benzo(b)fluoranthene	<310	<340	3,700	<350	<340	1,100
Benzo(k)fluoranthene	<310	<340	3,700	<350	<340	1,100
Benzo(a)pyrene	<310	<340	4,100	<350	<340	61
Indeno(1,2,3-cd)pyrene	<310	<340	2,000	<350	<340	3,200
Dibenzo(a,h)anthracene	<310	<340	510	<350	<340	14
Benzo(ghi)perylene	<310	<340	1,800	<350	<340	50,000

(1) NYSDEC Technical and Administrative Guidance Memorandum #4046: Determination of Cleanup Objectives and Cleanup Levels; 1/24/94.
Values reported in ug/Kg (parts per billion or ppb).

Distribution List

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