

MONTHLY PROGRESS REPORT #12

**Former Avis Headquarters Site
Garden City, New York
Brownfield Cleanup Agreement Index # C130206-11-10
Reporting Period: May 2012**

Introduction

In accordance with the Brownfield Cleanup Agreement (Index # C130206-11-10), effective November 9, 2010, this Monthly Progress Report was prepared to describe the remedial program activities at the Former Avis Headquarters Site located in Garden City, New York (“Site”) [Site # C130206] for the month of May 2012.

I. Actions Taken during the Reporting Period

Roux Associates, Inc. and Remedial Engineering, P.C. (hereafter collectively referred to as “Roux Associates”) continued implementation of the NYSDEC-approved RAWP including the following elements:

- Collected post-injection groundwater samples from MW-2R, MW-9R2, MW-11R2, MW-12R, MW-12AR, and MW-17 on May 10.

II. Actions Planned for the Next Reporting Period

During the next reporting period, Roux Associates anticipates:

- Collection of a quarterly round of soil vapor and indoor air samples from Retail Spaces D, E and F.
- Revision and submittal of the FER.

III. Changes to Scope of Work or Schedule

There were no changes to the schedule in May.

IV. Sampling and Other Data Received or Generated during the Reporting Period

Groundwater sample results for MW-2R, MW-9R2, MW-11R2, MW-12R, MW-12AR, and MW-17 from sample the events on May 10, 2012 were received and are attached. (These results were previously submitted to NYSDEC on June 6, 2012.)

V. Deliverables Submitted during the Reporting Period

No deliverables were required during the reporting period.

VI. Percentage of Work Completion and Any Delays

Groundwater and soil vapor remedies are on schedule based on the RAWP.

VII. Citizen's Participation Plan Actions Taken during the Reporting Period

No CPP actions were taken during the reporting period.

VIII. Citizen's Participation Plan Actions Planned for the Next Reporting Period

The Revised FER will be submitted in June 2012. CPP requirements following submittal of the Revised FER will include development and distribution of a Fact Sheet before NYSDEC approves the Final FER.

Table 1. Summary of Volatile Organic Compounds in Groundwater, Former Avis Headquarters, 900 Old Country Road, Garden City, New York

Parameter (Concentrations in $\mu\text{g/L}$)	NYSDEC AWQSGVs ($\mu\text{g/L}$)	Sample Designation: Sample Date:	MW-9R2 5/10/2012	MW-9R2 DUP 5/10/2012	MW-11R2 5/10/2012	MW-12AR 5/10/2012	MW-12R2 5/10/2012	MW-17 5/10/2012
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	0.04		10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane	5		2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3		1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3		1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dioxane	--		130 U	130 U	130 U	130 U	130 U	130 U
2-Butanone (MEK)	50		10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	--		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	5		5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		4 U	4 U	4 U	4 U	4 U	4 U
Bromomethane	5		2 U	2 U	2 U	2 U	2 U	2 U
Carbon disulfide	60		2 U	2 U	2 U	2 U	2 U	2 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	1 U	1 U	4	1 U	1 U
Chloromethane	--		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	5		1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	--		5 U	5 U	5 U	5 U	5 U	5 U

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Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5		5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Freon 113	--		5 U	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5		2 U	2 U	2 U	2 U	2 U	2 U
m+p-Xylene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl acetate	--		5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	--		5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	5		2 U	2 U	2 U	2 U	2 U	2 U
MTBE	10		1 U	1 U	1 U	1 U	1 U	1 U
o-Xylene	5		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5		1 U	1 U	1 U	0.43 J	1 U	0.95 J
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	--		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		0.32 J	0.44 J	0.84 J	1 U	1 U	1 U
Trichlorofluoromethane	5		1.6 J	2.3 J	5 U	5 U	5 U	5 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes (total)	5		1 U	1 U	1 U	1 U	1 U	1 U

NYSDEC - New York State Department of Environmental Conservation

AWQSGVs - Ambient Water-Quality Standards and Guidance Values

$\mu\text{g/L}$ -Micrograms per liter

J - Estimated Value

U - Compound was analyzed for but not detected

DUP - Duplicate

-- No NYSDEC AWQSGV available

Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

V - Value altered or qualifier added during data validation

NJ - Detection is tentative in identification and estimated in value

Table 2. Summary of Metals in Groundwater, Former Avis Headquarters, 900 Old Country Road, Garden City, New York

Parameter (Concentrations in $\mu\text{g/L}$)	NYSDEC AWQSGVs ($\mu\text{g/L}$)	Sample Designation: MW-2R	Sample Date: 5/10/2012
Aluminum	--		1050
Antimony	3		1 U
Arsenic	25		1 U
Barium	1000		83.5
Beryllium	3		1 U
Cadmium	5		1 U
Calcium	--		79300
Chromium	50		36.2
Chromium, Hexavalent	50		34
Cobalt	--		1 U
Copper	200		4.7 JV
Iron	--		1060
Lead	25		2.9
Magnesium	--		8520
Manganese	300		21.5
Mercury	0.7		0.2 U
Nickel	100		2.3
Potassium	--		6380
Selenium	10		1.9
Silver	50		1 U
Sodium	20000		44100 JV
Thallium	0.5		1 U
Vanadium	--		2
Zinc	2000		11.8 JV

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-- No NYSDEC AWQSGV available

Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

V - Value altered or qualifier added during data validation