

MONTHLY PROGRESS REPORT #9

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

- Monitored post-injection field parameters in MW-11R-2 and MW-17.
- Collected post-injection groundwater samples from MW-11R-2 and MW-17.

II. Actions Planned for the Next Reporting Period

During the next reporting period, Roux Associates anticipates:

- Submission of the Final Engineering Report (FER) in early March 2012, including an Operations Management and Monitoring (OM&M) plan for one year of post-remedial groundwater and soil vapor monitoring.
- Collection of baseline sub-slab soil vapor samples and associated in-door air samples in Building A-Retail D and Retail E and Building B-Retail F;
- Reinstallation of MW-9R and MW-12;
- Collection of a post-injection groundwater sample from MW-11R-2;
- Collection of quarterly round of groundwater samples from MW-2R, MW-9R, MW-11R-2, MW-12R, MW-12AR, and MW-17.

III. Changes to Scope of Work or Schedule

Wells MW-9R and MW-12R were destroyed during construction activities and are to be re-installed during March.

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

Geochemical monitoring data (dissolved oxygen, pH, ORP) were collected from MW-11R-2 and MW-17 to track the impact of the second round ISCO injections. Groundwater samples were also collected from these wells for VOC analyses. The results of this sampling are attached.

V. Deliverables Submitted during the Reporting Period

No deliverables were submitted 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 Draft FER will be submitted in early March 2012. CPP requirements following submittal of the Draft 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, Westbury, New York

Parameter (Concentrations in $\mu\text{g/L}$)	NYSDEC AWQSGVs ($\mu\text{g/L}$)	Sample Designation: MW-11R MW-17 MW-17 DUP FB02172012 TRIP BLANK					
		Sample Date: 2/17/2012	2/17/2012	2/17/2012	2/17/2012	2/17/2012	2/17/2012
1,1,1-Trichloroethane	5		10 U	1 U	0.25 J	1 U	1 U
1,1,2,2-Tetrachloroethane	5		10 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		10 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		10 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		10 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5		50 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5		50 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	0.04		100 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane	5		20 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3		10 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		10 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1		10 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3		10 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3		10 U	1 U	1 U	1 U	1 U
1,4-Dioxane	--		1300 U	130 U	130 U	130 U	130 U
2-Butanone (MEK)	50		100 U	10 U	10 U	10 U	10 U
2-Hexanone	50		50 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	--		50 U	5 U	5 U	5 U	5 U
Acetone	50		100 U	10 U	10 U	10 U	10 U
Benzene	1		10 U	1 U	1 U	1 U	1 U
Bromochloromethane	5		50 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		10 U	1 U	1 U	1 U	1 U
Bromoform	50		40 U	4 U	4 U	4 U	4 U
Bromomethane	5		20 U	2 U	2 U	2 U	2 U
Carbon disulfide	60		20 U	2 U	2 U	2 U	2 U
Carbon tetrachloride	5		10 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		10 U	1 U	1 U	1 U	1 U
Chloroethane	5		10 U	1 U	1 U	1 U	1 U
Chloroform	7		10 U	1 U	1 U	1 U	1 U
Chloromethane	--		10 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		70.4	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	5		10 U	1 U	1 U	1 U	1 U
Cyclohexane	--		50 U	5 U	5 U	5 U	5 U
Dibromochloromethane	50		10 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5		50 U	5 U	5 U	5 U	5 U

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		Sample Date: 2/17/2012	2/17/2012	2/17/2012	2/17/2012	2/17/2012	2/17/2012
Ethylbenzene	5		10 U	1 U	1 U	1 U	1 U
Freon 113	--		50 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5		20 U	2 U	2 U	2 U	2 U
m+p-Xylene	5		10 U	1 U	1 U	1 U	1 U
Methyl acetate	--		50 U	5 U	5 U	5 U	5 U
Methylcyclohexane	--		50 U	5 U	5 U	5 U	5 U
Methylene chloride	5		20 U	2 U	2 U	2 U	2 U
MTBE	10		10 U	1 U	1 U	1 U	1 U
o-Xylene	5		10 U	1 U	1 U	1 U	1 U
Styrene	5		50 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5		3.4 J	5.8	5.7	1 U	1 U
Toluene	5		10 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		10 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	--		10 U	1 U	1 U	1 U	1 U
Trichloroethene	5		5180	0.5 J	0.3 J	1 U	1 U
Trichlorofluoromethane	5		50 U	5 U	5 U	5 U	5 U
Vinyl chloride	2		10 U	1 U	1 U	1 U	1 U
Xylenes (total)	5		10 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