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SOLID WASTE SECTION

Ms. Jaclynne Drummond
North Carolina Department of Environment and Natural Resources
Division of Waste Management - Solid Waste Section
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

June 10, 2010

Dear Ms. Drummond:

Notification of Appendix II Detections
Charlotte Motor Speedway, Landfill V, Permit 13-04

On behalf of the Charlotte Motor Speedway, Landfill V, Herst & Associates, Inc. is submitting notification of Appendix II constituents detected in site groundwater monitoring wells during the First Semi-Annual 2010 sampling event. This notification is in accordance with NCDENR Requirements for Municipal Solid Waste Landfill Facilities Section .1634(d), which states the following:

> *"After obtaining the results from the initial or subsequent sampling events required in Paragraph (b) of this Rule, the owner or operator shall: (1) Within 14 days, submit a report to the Division and place a notice in the operating record identifying the Appendix II constituents that have been detected;"*

Groundwater samples were collected by Prism Laboratories, Inc. in May 2010. Analytical testing was performed by Analytical Services, Inc. for the assessment monitoring wells (MW-18A, MW-19, MW-19A, MW-20B, and MW-25). Results were received by Herst & Associates, Inc. on June 4, 2010. The attached table summarizes the Appendix II constituents that were detected in assessment monitoring wells during the First Semi-Annual 2010 event. The inorganic and organic detections are also on the Appendix I Detection Monitoring list, with the exception of estimated values of benzl alcohol, dichlorodifluoromethane, aroclor 1016, pentachlorophenol, sulfide, total mercury, and total tin.

The full groundwater report and statistical evaluation will be submitted per Sections .1632 and .1633.

Should you have any questions or concerns, please contact the undersigned at your convenience.

Sincerely,

HERST & ASSOCIATES, INC.

Dana Sincox for

Ward E. Herst, LG
Managing Partner

Steve Jett, LG
Senior Hydrogeologist

Attachment: *Appendix II Detections Summary Table*
cc: *Mike Gurley, Republic Services, Inc.*

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St. Charles, Missouri 63304

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Appendix II Detections

First Semi-Annual 2010 Sampling Event

Charlotte Motor Speedway, Landfill V

Well	Constituent	Flag	Results	Units
MW-18A	1,1-Dichloroethane	J	1	ug/L
	1,4-Dichlorobenzene	J	0.8	ug/L
	Benzene		1.6	ug/L
	Chlorobenzene	J	0.8	ug/L
	cis-1,2-Dichloroethene	J	1.9	ug/L
	Total Arsenic	J	3	ug/L
	Total Barium		743	ug/L
	Total Cadmium		1.21	ug/L
	Total Chromium	J	1.26	ug/L
	Total Cobalt		12	ug/L
	Total Copper	J	4.71	ug/L
	Total Nickel	J	9.54	ug/L
	Total Selenium	J	7.1	ug/L
	Total Tin	J	0.41	ug/L
	Total Zinc		55.6	ug/L
	Vinyl Chloride	J	0.5	ug/L
MW-19	1,1-Dichloroethane	J	0.5	ug/L
	1,4-Dichlorobenzene	J	0.5	ug/L
	Benzene	J	0.5	ug/L
	cis-1,2-Dichloroethene	J	1	ug/L
	Dichlorodifluoromethane	J	0.4	ug/L
	Total Antimony	J	0.24	ug/L
	Total Barium		227	ug/L
	Total Chromium	J	1.12	ug/L
	Total Cobalt	J	1.11	ug/L
	Total Mercury	J	0.164	ug/L
	Total Nickel	J	27.7	ug/L
	Total Selenium	J	1.84	ug/L
	Total Vanadium	J B	6.65	ug/L

B: Denotes detected in laboratory blank.

J: Denotes sample result above the MDL but below the SWSL; estimated value; value may not be accurate.

Well	Constituent	Flag	Results	Units
MW-19A	1,4-Dichlorobenzene	J	0.6	ug/L
	Benzene	J	0.2	ug/L
	Sulfide	J	802	ug/L
	Total Barium		104	ug/L
	Total Cobalt	J	1.91	ug/L
	Total Nickel	J	8.84	ug/L
	Total Selenium	J	0.72	ug/L
	Total Zinc		260	ug/L
MW-20B	1,1-Dichloroethane		6.5	ug/L
	1,4-Dichlorobenzene	J	0.9	ug/L
	Benzene		1.2	ug/L
	Chlorobenzene	J	0.3	ug/L
	Chloroethane	J	1.1	ug/L
	cis-1,2-Dichloroethene	J	4	ug/L
	Dichlorodifluoromethane	J	0.3	ug/L
	Aroclor 1016	J	0.5	ug/L
	Pentachlorophenol	J	6	ug/L
	Tetrachloroethene	J	0.7	ug/L
	Total Barium		591	ug/L
	Total Cadmium		1.83	ug/L
	Total Cobalt	J	3.21	ug/L
	Total Nickel	J	49.9	ug/L
	Total Selenium	J	0.71	ug/L
	Total Zinc		43.1	ug/L
	Trichloroethene	J	0.5	ug/L
	Vinyl Chloride		1.1	ug/L
MW-25	1,1-Dichloroethane	J	1.7	ug/L
	1,2-Dichloroethane	J	0.6	ug/L
	1,4-Dichlorobenzene		3.3	ug/L
	Benzene	J	0.9	ug/L
	Benzyl alcohol	J	5	ug/L
	Chlorobenzene	J	0.4	ug/L
	cis-1,2-Dichloroethene		12	ug/L
	Tetrachloroethene	J	0.4	ug/L
	Total Barium	J	93.9	ug/L
	Total Chromium	J	3.15	ug/L
	Total Cobalt		10.9	ug/L
	Total Nickel	J	18.1	ug/L
	Total Selenium	J	0.92	ug/L
	Vinyl Chloride		1.2	ug/L