

**DIVISION OF WASTE MANAGEMENT**

Date: 9/24/12

MEMORANDUM

To: Bruce Parris  
Inactive Hazardous Waste Section, DWM

From: Brad Newton  
UST Section, DWM

Subject: Non-UST contaminants

UST Site: Ralph Sellers  
7202 Dallas-Cherryville Highway  
Cherryville, Gaston County  
UST Incident No. 14350

**Contaminants Identified:**

Tetrachloroethene has been reported in several monitoring tables (refer to attached table).

**Table 3: Summary of Analytical Results - Groundwater Samples**  
**Ralph Sellers Service**  
**7202 Dallas-Cherryville Highway, Cherryville, Gaston County**  
**NCDENR GWI#: 14350**

Analytical Method(s)->		EPA Method 6200B												
Contaminant of Concern-->		Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	1,2-DCA	IPE	Naphthalene	Tetrachloroethene	EDB			
15A NCAC 2L.0202 Standard -->		1	600	600	500	20	0.4	70	6	0.7	0.02			
15A NCAC 2L.0115 Gross Contaminant Level -->		5000	260,000	84,500	85,500	20,000	400	70,000	6,000	700	50			
Well ID	Date Collected	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/l	ug/L	ug/L			
MW-2	7/24/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
MW-3	7/24/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
MW-5	7/24/12	ND	ND	ND	ND	25.2	ND	ND	ND	1.1	ND			
MW-6	7/24/12	NOT SAMPLED - WELL DRY												
MW-7	7/24/12	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND			
MW-8	7/24/12	7.4	0.68	0.53	15.5	27	ND	1.1	23.8	6.7	ND			
MW-9	7/24/12	3	50.2	291	951	0.51	ND	ND	149	ND	ND			
MW-10	7/24/12	3	50.2	291	951	1.2	ND	ND	ND	ND	ND			
MW-11	7/24/12	ND	ND	ND	ND	78	ND	0.86	ND	ND	ND			
MW-12	7/24/12	1.1	ND	ND	ND	0.63	ND	ND	ND	0.75	ND			
MW-13	7/24/12	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND			
MW-14	7/24/12	ND	ND	ND	9.1	345	ND	4	ND	44.7	ND			
MW-15	7/24/12	26.5	ND	ND	12.9	20.6	ND	0.9	5.7	1.7	28			
MW-16	7/24/12	1.6	ND	ND	4,250	ND	0.9	ND	335	1.7	28			
MW-17	7/24/12	143	3,810	732	NOT SAMPLED - WELL COVERED BY WOOD PILE									
MW-18	7/24/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
MW-19	7/24/12	ND	ND	ND	6.3	389	ND	3.1	ND	ND	ND			
MW-20	7/24/12	18.2	ND	ND	1.9	186	ND	ND	ND	ND	ND			
MW-21	7/24/12	12.4	ND	ND	1.9	186	ND	ND	ND	ND	ND			
MW-22	7/24/12	ND	ND	ND	ND	0.56	ND	ND	ND	ND	ND			
MW-23	7/24/12	ND	ND	ND	ND	12.3	ND	ND	ND	ND	ND			
MW-24	7/24/12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
WSW-1	7/24/12	NOT SAMPLED - BENTONITE AND SEDIMENT @16.70' - INSUFFICIENT WATER FOR SAMPLE												
Trip Blank	7/24/12	NOT SAMPLED - COULD NOT ACCESS												
		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			

**Notes:**

1. ug/l = Micrograms per liter
2. mg = Milligrams per liter
3. ND = Not detected at or above the method detection limit specified in the laboratory report.
4. NA = Not analyzed
5. Bold numbers exceed the NCAC 2L .0202 limit
6. Gross Contaminant Level as presented in the NCDENR "Guidelines for Assessment and Corrective Action" dated April 2001 effective July 2001.
7. \* Methylene Chloride = 43.8 ug/L was detected in MW-9 water sample collected on 01/08/08
8. Total xylenes were calculated by adding m&p-xylenes to o-xylenes