

**2005 ANALYTICAL DATA AT THE CARSON PLANT
APPENDIX IX¹**

(Excerpted from: Fall 2005 Semi-Annual Groundwater Monitoring Report (TRC, January 2006))

EPA Method 8270 ²							
Sample Date	Units	2-Methyl-naphthalene	Naphthalene	Phenol	2,4-Dimethyl-phenol	2-Methyl-phenol	
MW-2	10/27/2005	ug/L	25	44	84	ND	ND
MW-17	10/25/2005	ug/L	150	300	41	720	78
MW-38	10/25/2005	ug/L	1,000	870	ND	2,300	ND
MW-59	10/25/2005	ug/L	390	600	57	76	ND

EPA Method 6010													
Sample Date	Units	Total Antimony	Total Arsenic	Total Barium	Total Beryllium	Total Cadmium	Total Chromium	Total Cobalt	Total Copper	Total Lead	Total Molybdenum	Total Nickel	
MW-2	10/27/2005	ug/L	34	13	490	ND	ND	ND	4.4	ND	7.9	ND	
MW-17	10/25/2005	ug/L	31	20	210	ND	ND	ND	4	ND	9.3	ND	
MW-38	10/25/2005	ug/L	35	13	530	ND	ND	ND	3.4	36	7	ND	
MW-59	10/25/2005	ug/L	39	19	420	ND	ND	ND	4.7	36	6.5	ND	

EPA Method 6010						
Sample Date	Units	Total Selenium	Total Silver	Total Vanadium	Total Thallium	Total Zinc
MW-2	10/27/2005	ug/L	ND	ND	16	35
MW-17	10/25/2005	ug/L	ND	ND	13	18
MW-38	10/25/2005	ug/L	ND	ND	14	30
MW-59	10/25/2005	ug/L	ND	ND	16	47

Notes:

- As an Interim Status (ISD) facility in evaluation monitoring, ConocoPhillips is required to comply with Appendix IX sampling. Results of Appendix IX sampling are included in this table for Point of Compliance (POC) wells for Process Water Pond.
- Detected concentrations of analytes by EPA Method 8270 are displayed. See laboratory report in Appendix II for a complete list of analytes.
- Pesticides were not detected above the detection limit for EPA Method 8081 or SW 8151 in Monitoring Wells MW-2, -17, -38 and -59.
- Total cyanide was not detected above the detection limit for EPA Method 335.3 in Monitoring Wells MW-2, -17, -38 and -59.
- PCBs was not detected above the detection limit for EPA Method 8082 in Monitoring Wells MW-2, -17, -38 and -59.
- See Tables 4.4 and 4.5 for analytical results for MW-2, -17, -38 and -59 by EPA Method 8260B.
- Total sulfide was not detected above the detection limit for EPA Method 376.2 in Monitoring Wells MW-2, -17, -38 and -59.
- Total mercury was not detected above the detection limit for EPA Method 7470 in Monitoring Wells MW-2, -17, -38 and -59.
- Dioxin was not detected above the detection limit for EPA Method 8280A in Monitoring Wells MW-2, -17, -38 and -59.

TABLE

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EPA Method 8270 ²							
Sample Date	Units	2-Methyl-naphthalene	Naphthalene	Phenol	2,4-Dimethyl-phenol	2-Methyl-phenol	
MW-2	10/25/2004	ug/L	31	38	100	ND	ND
MW-17	11/11/2004	ug/L	410	570	ND	350	ND
MW-38	11/11/2004	ug/L	220	480	ND	3,900	230
MW-59	10/25/2004	ug/L	NA	540	NA	NA	NA

EPA Method 6010													
Sample Date	Units	Total Antimony	Total Arsenic	Total Barium	Total Beryllium	Total Cadmium	Total Chromium	Total Cobalt	Total Copper	Total Lead	Total Molybdenum	Total Nickel	
MW-2	10/25/2004	ug/L	ND	79	480	ND	ND	ND	80	ND	ND	ND	ND
MW-17	11/11/2004	ug/L	ND	ND	180	ND	ND	ND	ND	ND	ND	ND	ND
MW-38	11/11/2004	ug/L	ND	ND	500	ND	ND	ND	ND	ND	ND	ND	ND
MW-59	10/25/2004	ug/L	ND	110	390	ND	ND	ND	51	190	ND	ND	ND

EPA Method 6010							
Sample Date	Units	Total Selenium	Total Silver	Total Vanadium	Total Thallium	Total Zinc	
MW-2	10/25/2004	ug/L	ND	ND	ND	26	51
MW-17	11/11/2004	ug/L	ND	ND	ND	ND	ND
MW-38	11/11/2004	ug/L	ND	ND	ND	ND	ND
MW-59	10/25/2004	ug/L	ND	ND	ND	15	53

Notes:

1. As an Interim Status (ISD) facility in evaluation monitoring, ConocoPhillips is required to comply with Appendix IX sampling. Results of Appendix IX sampling are included in this table for Point of Compliance (POC) wells for Process Water Pond.
2. Detected concentrations of analytes by EPA Method 8270 are displayed. See laboratory report in Appendix II for a complete list of analytes.
3. Pesticides were not detected above the detection limit for EPA Method 8081 or SW 8151 in Monitoring Wells MW-2, -17, -38 and -59.
4. Total cyanide was not detected above the detection limit for EPA Method 335.3 in Monitoring Wells MW-2, -17, -38 and -59.
5. PCBs was not detected above the detection limit for EPA Method 8082 in Monitoring Wells MW-2, -17, -38 and -59.
6. See Tables 4.4 and 4.5 for analytical results for MW-2, -17, -38 and -59 by EPA Method 8260B.
7. Total sulfide was not detected above the detection limit for EPA Method 376.2 in Monitoring Wells MW-2, -17, -38 and -59.
8. Total mercury was not detected above the detection limit for EPA Method 7470 in Monitoring Wells MW-2, -17, -38 and -59.
9. Dioxin was not detected above the detection limit for EPA Method 8280A in Monitoring Wells MW-2, -17, -38 and -59.