

**ATTACHMENT 2  
UNIT 5**

**APPENDIX E**

**GROUNDWATER  
COMPLIANCE MONITORING SEMIANNUAL  
CONSTITUENT LIST**

ATTACHMENT 2, UNIT 5

**APPENDIX E**

**GROUNDWATER COMPLIANCE MONITORING SEMIANNUAL CONSTITUENT AND REQUIRED ANALYTICAL METHOD LIST**

<i>Constituents</i>	<i>Suggested SW-846 Methods</i>	<b>Practical Quantitation Limits (µg/l)</b>
Antimony, total	6010, 6020	2
Arsenic, total	6010, 6020	10
Barium, total	6010, 6020	10
Beryllium, total	6010, 6020	1
Cadmium, total	6010, 6020	1
Chromium	6010/6020	5
Cobalt, total	6010, 6020	7
Copper, total	6010, 6020	5
Lead, total	6010, 6020	2
Mercury, total	7470A	2
Nickel, total	6010, 6020	10
Selenium, total	6010/6020	10
Silver, total	6010, 6020	2
Thallium, total	6010, 6020	1
Vanadium, total	6010, 6020	10
Zinc, total	6010, 6020	1030
Acetone	8260	10
Chloroform	8260	1
Dichlorodifluoromethane	8260	1
1,2-Dichloroethane	8260	1
Diethyl ether	8260	12
Methylene chloride	8260	1
Methyl ethyl ketone (2-Butanone)	8260	10
Toluene	8260	1
Trichloroethene	8260	1
Xylenes (total)	8260	3
Bis (2-ethylhexyl) phthalate	8270	10
Diethyl phthalate	8270	10
2,4-Dinitrotoluene	8270	10
2,6-Dinitrotoluene	8270	10

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o-Nitroaniline; 2-	8270	10
p-Nitroaniline; 4-	8270	20
Nitrobenzene	8270	10

Note:

- 1- All methods are as described in EPA's SW-846, *Test Methods for Evaluating Solid Waste*, August 1, 2000. Web site: <http://www.epa.gov/epaoswer/hazwaste/test/main.htm>.
- 2- Single samples are required for each parameter and constituent during each sampling event.
- 3- Alternate SW-846 Methods may be approved by the Department if the request is in writing and submitted at least 30 days prior to the sample collection event. Proposed alternated methods shall achieve the same practical quantitation limit/estimated quantitation limit (or lower) as the specified method.