

TABLE 5-16
TIER 1 COMPARISON - RCRA METALS AND CYANIDE RESULTS FOR GREATER THAN 10 FT DEPTH
CHAMPAIGN MGP SITE
CHAMPAIGN, ILLINOIS
AMERENIP

CONSTITUENT	UNITS/DEPTH	B-501	B-502	B-505	B-506	B-507	B-513	B-515	B-553	B-556	B-557	B-562	UTB-01
		B-501-24 7/13/2004 23'-24'	B-502-12 7/13/2004 11'-12'	B-505-11 7/14/2004 10'-11'	B-506-28 7/22/2004 27'-28'	B-507-19 7/21/2004 18'-19'	B-513-12 7/12/2004 11'-12'	B-515-32 7/16/2004 31'-32'	B-553-32 7/14/2004 31'-32'	B-556-28 7/20/2004 27'-28'	B-557-12 7/20/2004 11'-12'	B-562-14 7/15/2004 13'-14'	UTB-01-01 12/4/1990 21'-23'
Arsenic	(mg/kg)	3.46	7.47	10.1	4.57	<2.36	4.07	7.64	5.46	3.69	12.4	<2.50	---
Barium	(mg/kg)	14.7	52	77.2	20.1	4.88	33.1	13.3	14.6	17.2	109	18.8	---
Cadmium	(mg/kg)	0.1	0.17	0.16	<0.20	<0.19	<0.20	0.23	<0.20	<0.19	<0.20	<0.20	---
Chromium	(mg/kg)	13.6	11.8	22.3	11.5	2.49	18.2	9.04	10.1	11.4	23.3	7.18	---
Cyanide	(mg/kg)	---	---	---	---	---	---	---	---	---	---	---	---
Lead	(mg/kg)	8.07	12.3	14.9	9.98	3.2	10.9	8.93	8.62	9.94	19.1	7.92	---
Mercury	(mg/kg)	0.009	0.05	0.043	0.008	<0.012	0.006	0.007	0.009	0.008	0.009	0.007	---
Selenium	(mg/kg)	<3.77	<3.85	<3.85	<4.00	<3.77	<4.00	<3.85	<4.00	<3.77	<4.00	<4.00	---
Silver	(mg/kg)	<0.94	<0.96	<0.96	<1.00	<0.94	<1.00	<0.96	<1.00	<0.94	<1.00	<1.00	---

Notes: mg/kg Milligrams per kilogram
(1) Provisional remediation objective provided by IEPA
---- No remediation objective has been established by the IEPA for this constituent for this exposure route
<12 Not detected at the level identified
Analytical result exceeds one or more Tier 1 RO

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TIER 1 COMPARISON - RCRA METALS AND CYANIDE RESULTS FOR GREATER THAN 10 FT DEPTH
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CONSTITUENT	UNITS/DEPTH	UTB-03	UTB-03	UTB-10	UTB-15	UTB-20	UTB-21	UTB-22	UTB-23	UTB-24	UTB-25	UTB-26
		UTB-0301 11/29/1990 11'-13'	UTB-03-02 11/29/1990 18.5'-23.5'	UTB-10-02 11/30/1990 14'-19'	UTB-15-S02 12/13/1991 33'-35'	UTB-20-S02 12/11/1991 17'-18'	UTB-21-S02 12/12/1991 20'-23'	UTB-22-S02 12/12/1991 20'-23'	UTB-23-S02 12/14/1991 26'-28'	UTB-24-S02 12/15/1991 21'-23'	UTB-25-S02 12/14/1991 26'-28'	UTB-26-S02 12/15/1991 21'-23'
Arsenic	(mg/kg)	---	---	---	---	---	---	---	---	---	---	---
Barium	(mg/kg)	---	---	---	---	---	---	---	---	---	---	---
Cadmium	(mg/kg)	---	---	---	---	---	---	---	---	---	---	---
Chromium	(mg/kg)	---	---	---	---	---	---	---	---	---	---	---
Cyanide	(mg/kg)	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Lead	(mg/kg)	---	---	---	---	---	---	---	---	---	---	---
Mercury	(mg/kg)	---	---	---	---	---	---	---	---	---	---	---
Selenium	(mg/kg)	---	---	---	---	---	---	---	---	---	---	---
Silver	(mg/kg)	---	---	---	---	---	---	---	---	---	---	---

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