

HILLSBOROUGH COUNTY SOUTHEAST LANDFILL - PICNIC SITE
 CODISPOSAL LANDFILL
 LEACHATE DATA ANALYSIS

ANALYTICAL PARAMETERS	UNITS	TCLP Limit (ug/l)	SAMPLE DATE									
			2/6/86	11/26/86	2/25/87	5/20/87	5/21/87	8/12/87	11/17/87	11/17/87	2/18/88	2/18/88
METALS												
Arsenic	ug/l	5,000	10DL ✓	10DL ✓	10DL ✓	10 ✓	30	25 ✓	21 ✓	23 ✓	27 ✓	18
Barium	ug/l	100,000	120 ✓	100DL ✓	100DL ✓	550 ✓						
Cadmium	ug/l	1,000	5DL ✓	5DL ✓	5DL ✓							
Chromium	ug/l	5,000	10DL ✓	10DL ✓	10DL ✓	17 ✓						
Lead	ug/l	5,000	10DL ✓	10DL ✓	10DL ✓							
Mercury	ug/l	200	0.5DL ✓	0.5DL ✓	0.5DL ✓							
Selenium	ug/l	1,000	5DL ✓	5DL ✓	5DL ✓							
Silver	ug/l	5,000	10DL ✓	10DL ✓	10DL ✓							
INDICATORS												
Conductivity	umhos/cm	NL	3,200 ✓	3,250 ✓		5,500 ✓	4,300 ✓	4,600	6,600 ✓	4,400 ✓		
pH	std. units	NL	6.20 ✓	6.30 ✓		7.00 ✓	6.70 ✓	6.50				
Total Dissolved Solids	mg/l	NL		2,050 ✓	2,350 ✓	3,320 ✓	2,890 ✓	2,900 ✓	3,850 ✓	2,550 ✓	1,619 ✓	2,712 ✓

NOTES :

DL = Detection Limit

NL = No Regulatory Limit

① TDS = Res, Des ?

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ANALYTICAL PARAMETERS	UNITS	TCLP Limit (ug/l)	SAMPLE DATE									
			5/24/88	5/24/88	8/25/88	11/9/88	11/9/88	2/16/89	2/16/89	2/21/89	2/21/89	5/25/89
METALS												
Arsenic	ug/l	5,000	14 ✓	41 ✓	12 ✓	57 ✓	✓	✓	✓	✓	✓	26 ✓
Barium	ug/l	100,000	✓	✓	✓	100 ✓	970 ✓	✓	✓	✓	✓	✓
Cadmium	ug/l	1,000	✓	✓	✓	✓	33 ✓	✓	✓	✓	✓	✓
Chromium	ug/l	5,000	✓	✓	✓	56 ✓	365 ✓	✓	✓	12 ✓	26 ✓	✓
Lead	ug/l	5,000	12 ✓	19 ✓	10 ✓	25 ✓	1634 ✓	✓	✓	✓	5 ✓	✓
Mercury	ug/l	200	✓	✓	0.60 ✓	0.60 ✓	0.20 ✓	✓	✓	✓	✓	✓
Selenium	ug/l	1,000	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Silver	ug/l	5,000	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
INDICATORS												
Conductivity FIELD	umhos/cm	NL	6,100 ✓	4,500 ✓	✓	5,500 ✓	6,990 ✓	✓	✓	4,200 ✓	2,090 ✓	✓
pH FIELD	std. units	NL	6.60 ✓	6.60 ✓	6.81 ✓	6.45 ✓	6.60 ✓	✓	✓	7.87 ✓	6.79 ✓	7.12 ✓
Total Dissolved Solids	mg/l	NL	2,768 ✓	1,874 ✓	3,120 ✓	2,364 ✓	3,273 ✓	2,104 ✓	1,304 ✓	2,664 ✓	1,682 ✓	2,604 ✓

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ANALYTICAL PARAMETERS	UNITS	TCLP Limit (ug/l)	SAMPLE DATE								
			8/29/89	11/30/89	2/5/90	5/17/90	8/10/90	11/15/90	2/12/91	2/18/93	5/20/93
METALS											
Arsenic	ug/l	5,000	27	-	-	10 ✓	10 ✓	20 ✓	20 ✓	-	0
Barium	ug/l	100,000	-	-	-	-	-	-	-	-	0
Cadmium	ug/l	1,000	-	-	-	-	-	-	-	-	0
Chromium	ug/l	5,000	-	-	-	-	-	-	254 ✓	50 ✓	10 ✓
Lead	ug/l	5,000	-	-	-	-	-	-	11 ✓	-	0
Mercury	ug/l	200	-	-	-	-	-	-	-	-	0
Selenium	ug/l	1,000	-	-	-	-	-	-	-	-	0
Silver	ug/l	5,000	-	-	-	-	-	-	-	-	0
INDICATORS											
Conductivity	umhos/cm	NL	-	-	-	-	5,680 ✓	6,810 ✓	7,000 ✓	824 ✓	9,230 ✓
pH	std. units	NL	-	7.12 ✓	7.02 ✓	7.23 ✓	7.13 ✓	7.09 ✓	7.18 ✓	7.02 ✓	6.90 ✓
Total Dissolved Solids	mg/l	NL	2,606 ✓	2,652 ✓	2,213 ✓	2,680 ✓	3,020 ✓	3,190 ✓	3,560 ✓	4,080 ✓	3,960 ✓

? see 804?

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ANALYTICAL PARAMETERS	UNITS	TCLP Limit (ug/l)	MIN	MAX	AVE OF DETECTS	# OF DETECTS
METALS						
Arsenic	ug/l	5,000	10	57	23.00	17
Barium	ug/l	100,000	100	970	435.00	4
Cadmium	ug/l	1,000	33	33	33.00	1
Chromium	ug/l	5,000	10	365	98.75	8
Lead	ug/l	5,000	5	1634	245.14	7
Mercury	ug/l	200	0.2	0.6	0.40	2
Selenium	ug/l	1,000				0
Silver	ug/l	5,000				0
INDICATORS						
Conductivity	umhos/cm	NL	824	9230	5043.00	18
pH	std. units	NL	6.2	7.87	6.87	21
Total Dissolved Solids	mg/l	NL	1304	4080	2712.82	28

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