

Attachment 11

Laboratory Data Sheet and Field Data Log for MW-2, November 2006

Closed Collinsville Landfill, Collinsville, IL

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004

FAX: 618-344-1005

Laboratory Results

CLIENT: Tetra Tech, Inc.
WorkOrder: 06110874
Lab ID: 06110874-001
Report Date: 11-Dec-06

Client Project: Collinsville Landfill Quarterly Monito
Client Sample ID: MW-02
Collection Date: 11/29/2006 8:45:00 AM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
<u>STANDARD METHODS 18TH ED. 2540 C (TOTAL)</u>								
Total Dissolved Solids	NELAP	20		580	mg/L	1	12/5/2006	KLE
<u>STANDARD METHODS 18TH ED. 4500-S D (TOTAL)</u>								
Sulfide, Total - Colorimetric	NELAP	0.25	S	1.3	mg/L	5	11/29/2006 1:00:00 PM	TLS
<u>SW-846 9012A (TOTAL)</u>								
Cyanide	NELAP	0.100		< 0.100	mg/L	1	11/30/2006	TLS
<u>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</u>								
Barium	NELAP	20.0		349	µg/L	1	12/6/2006 11:46:15 AM	CRK
Iron	NELAP	800		138000	µg/L	20	12/6/2006 12:28:41 PM	CRK
Manganese	NELAP	15.0		3860	µg/L	1	12/6/2006 11:46:15 AM	CRK
<u>SW-846 3020A, METALS BY GFAA (TOTAL)</u>								
Arsenic 7060A	NELAP	10		22.3	µg/L	2	12/6/2006	SRH
Thallium 7841	NELAP	1.0		< 1.0	µg/L	1	12/5/2006	JMW
<u>SW-846 3510C, 8151A, CHLORINATED HERBICIDES BY GC/ECD</u>								
Picloram	NELAP	0.200		ND	µg/L	1	12/5/2006 1:57:00 AM	HE
Surr: 2,4-Dichlorophenylacetic acid		33.7-162		59.8	%REC	1	12/5/2006 1:57:00 AM	HE
<u>SW-846 9020B</u>								
Total Organic Halides (TOX)	NELAP	20.0		20.5	µg/L	1	12/5/2006	SMK
<u>SW-846 9036 (TOTAL)</u>								
Sulfate	NELAP	40		159	mg/L	1	12/5/2006	MVS
<u>SW-846 9060</u>								
Total Organic Carbon (TOC)	NELAP	1.0		1.8	mg/L	1	12/6/2006	MVS
<u>SW-846 9066 (TOTAL)</u>								
Phenols	NELAP	15		< 15	µg/L	1	12/4/2006	TLS
<u>SW-846 9251 (TOTAL)</u>								
Chloride	NELAP	1		12	mg/L	1	12/5/2006	MVS

Sample Narrative

Standard Methods 18th Ed. 4500-S D (Total)

Matrix interference present in sample.

SW-846 3005A, 6010B, Metals by ICP (Total)

Fe- Sample result was more than 10 times the blank contamination. Data is reportable.

GROUNDWATER MONITORING WELL FIELD DATA LOG SHEET - PURGING



TETRA TECH, INC.
1634 Eastport Plaza
Collinsville, IL 62234
Telephone (618) 345-0669
FAX (618) 345-1281

Date: 8/27/07
Program Name: Groundwater Assessment
Site Name: Closed Collinsville Landfill
Monitoring Well Identification: MW2
Sample Number:
Sample Time: NA
Type of Water Level Instrument: Water Meter
Purging Device: Peristaltic Pump
Sampling Device: "
OVA: PID In Well Caging (ppm):
Explosimeter (%LEL) in Well Casing:
Turbidity of Sample Increased During Sampling: Yes No
Total Well Depth: 17.84
Sampler's Signature: RDS/MMS

Time	Salinity (ppt)	Dissolved Oxygen (mg/L)	Temp (Deg. C)	Conductivity (mS/cm)	pH	Turbidity (NTU)	ORP (mV)	Gallons Purged	Water Level (ft)	Flow Rate (ml/min)
1040	0.44	2.25	14.78	0.714	6.91	89.4	-20.9		15.83	460
1045	0.44	1.42	14.49	0.709	6.94	>1000	-22.8	1.0	16.88	480
Well ran dry										

Comments:
Parameters were taken every 5 minutes until stabilized and turbidity low

Well ran dry

Note: All immiscible layers, water levels, and pump depths are measured from the notch in the top of the well casing.