

Pioneer Natural Resre e-Procurement

Client Sample ID: TOLTEK 31-25

GC Volatiles

Lot-Sample #....: D9G300209-002 Work Order #....: LG9XT1AK Matrix.....: WATER
 Date Sampled...: 07/29/09 13:00 Date Received...: 07/30/09
 Prep Date.....: 08/03/09 Analysis Date...: 08/03/09
 Prep Batch #....: 9216371 Analysis Time...: 22:06
 Dilution Factor: 1
 Method.....: SW846 8021B

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Toluene	ND	0.50	ug/L
Xylenes (total)	0.61	0.50	ug/L
		PERCENT	RECOVERY
SURROGATE	RECOVERY	LIMITS	
	105	(85 - 115)	

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Client Sample ID: TOLTEK 31-25

GC Semivolatiles

Lot-Sample #....: D9G300209-002 Work Order #....: LG9XT1AH Matrix.....: WATER
Date Sampled....: 07/29/09 13:00 Date Received...: 07/30/09
Prep Date.....: 08/02/09 Analysis Date...: 08/07/09
Prep Batch #....: 9214018 Analysis Time...: 19:45
Dilution Factor: 1
Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>UNITS</u>
Diesel Range Organics	ND	0.25	mg/L

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
o-Terphenyl	85	(48 - 117)

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TOTAL Metals

Lot-Sample #....: D9G300209-002

Matrix.....: WATER

Date Sampled....: 07/29/09 13:00 Date Received...: 07/30/09

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....: 9212194						
Arsenic	ND	0.050	mg/L	SW846 6010B	08/03-08/04/09	LG9XT1A2
		Dilution Factor: 1		Analysis Time...: 19:08		
Boron	0.27	0.050	mg/L	SW846 6010B	08/03-08/04/09	LG9XT1AQ
		Dilution Factor: 1		Analysis Time...: 19:08		
Calcium	4.4	0.10	mg/L	SW846 6010B	08/03-08/04/09	LG9XT1A0
		Dilution Factor: 1		Analysis Time...: 19:08		
Chromium	ND	0.010	mg/L	SW846 6010B	08/03-08/04/09	LG9XT1AR
		Dilution Factor: 1		Analysis Time...: 19:08		
Copper	ND	0.010	mg/L	SW846 6010B	08/03-08/04/09	LG9XT1AT
		Dilution Factor: 1		Analysis Time...: 19:08		
Iron	2.6	0.050	mg/L	SW846 6010B	08/03-08/04/09	LG9XT1AU
		Dilution Factor: 1		Analysis Time...: 19:08		
Potassium	ND	5.0	mg/L	SW846 6010B	08/03-08/04/09	LG9XT1AV
		Dilution Factor: 1		Analysis Time...: 19:08		
Magnesium	0.73	0.10	mg/L	SW846 6010B	08/03-08/04/09	LG9XT1AW
		Dilution Factor: 1		Analysis Time...: 19:08		
Manganese	0.039	0.010	mg/L	SW846 6010B	08/03-08/04/09	LG9XT1AX
		Dilution Factor: 1		Analysis Time...: 19:08		
Sodium	691	2.0	mg/L	SW846 6010B	08/03-08/04/09	LG9XT1A1
		Dilution Factor: 1		Analysis Time...: 19:08		
Selenium	ND	0.015	mg/L	SW846 6010B	08/03-08/04/09	LG9XT1A3
		Dilution Factor: 1		Analysis Time...: 19:08		

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General Chemistry

Lot-Sample #....: D9G300209-002 Work Order #....: LG9XT Matrix.....: WATER
Date Sampled....: 07/29/09 13:00 Date Received...: 07/30/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
pH	8.0	0.10	No Units	SM18 4500-H B	07/30/09	9211463
			Dilution Factor: 1	Analysis Time...: 15:41		
Bicarbonate Alkalinity	1170	5.0	mg/L	SM18 2320 B	08/05/09	9218156
			Dilution Factor: 1	Analysis Time...: 15:00		
Bromide	1.1	0.20	mg/L	MCAWW 300.0A	08/05/09	9218347
			Dilution Factor: 1	Analysis Time...: 23:33		
Carbonate Alkalinity	40.5	5.0	mg/L	SM18 2320 B	08/05/09	9218160
			Dilution Factor: 1	Analysis Time...: 15:00		
Chloride	142 Q	15.0	mg/L	MCAWW 300.0A	08/05-08/06/09	9218348
			Dilution Factor: 5	Analysis Time...: 11:59		
Hydroxide, as CaCO3	ND	5.0	mg/L	SM18 2320 B	08/05/09	9218163
			Dilution Factor: 1	Analysis Time...: 15:00		
Resistivity	4.0	0.00020	ohm-m	MCAWW 120.1	08/11/09	9223358
			Dilution Factor: 1	Analysis Time...: 11:00		
Specific Gravity	1.00	0.00010	--	ASTM D1429	08/11/09	9223112
			Dilution Factor: 1	Analysis Time...: 09:57		
Sulfate	ND	5.0	mg/L	MCAWW 300.0A	08/05/09	9218353
			Dilution Factor: 1	Analysis Time...: 23:33		
Total Alkalinity	1210	5.0	mg/L	SM18 2320 B	08/05/09	9218153
			Dilution Factor: 1	Analysis Time...: 15:00		
Total Dissolved Solids	1590	10.0	mg/L	SM18 2540 C	07/31/09	9212089
			Dilution Factor: 1	Analysis Time...: 10:45		
Total Sulfide	ND	0.050	mg/L	SM18 4500-S2 D	07/31/09	9211151
			Dilution Factor: 1	Analysis Time...: 11:30		
Total Suspended Solids	15.2	4.0	mg/L	SM18 2540 D	08/04/09	9216138
			Dilution Factor: 1	Analysis Time...: 13:00		

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.