

FEB - 9 2005
Date:

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	CDX Rockies	Project #:	03040-007
Sample ID:	No. 101	Date Reported:	10-20-04
Laboratory Number:	30983	Date Sampled:	10-15-04
Chain of Custody No:	13191	Date Received:	10-15-04
Sample Matrix:	Drill Mudd	Date Extracted:	10-18-04
Preservative:	Cool	Date Analyzed:	10-20-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	11.2	0.1
Total Petroleum Hydrocarbons	11.2	0.2

ND - Parameter not detected at the stated detection limit.

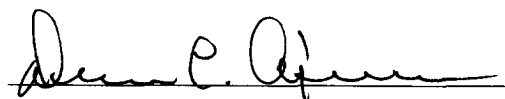
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

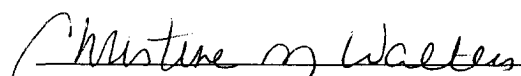
Comments: San Juan Co., NM BW Federal 29-29-8.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	CDX Rockies	Project #:	03040-007
Sample ID:	No. 101	Date Reported:	10-20-04
Laboratory Number:	30983	Date Sampled:	10-15-04
Chain of Custody:	13191	Date Received:	10-15-04
Sample Matrix:	Drill Mudd	Date Analyzed:	10-20-04
Preservative:	Cool	Date Extracted:	10-18-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	22.4	1.8
Toluene	35.4	1.7
Ethylbenzene	26.4	1.5
p,m-Xylene	ND	2.2
o-Xylene	8.5	1.0
Total BTEX	92.7	


ND - Parameter not detected at the stated detection limit.

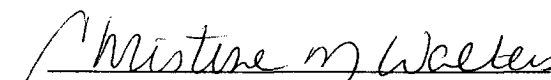
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95 %
	1,4-difluorobenzene	95 %
	Bromochlorobenzene	95 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: San Juan Co., NM BW Federal 29-29-8.


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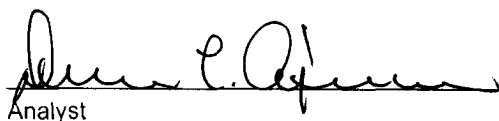
EC, SAR, ESP, CI Analysis

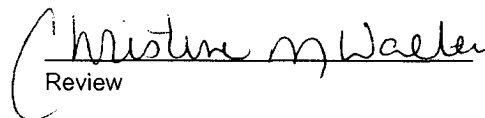
Client:	CDX Rockies	Project #:	03040-007
Sample ID:	No. 101	Date Reported:	10-19-04
Laboratory Number:	30983	Date Sampled:	10-15-04
Chain of Custody:	13191	Date Received:	10-15-04
Sample Matrix:	Drill Mudd	Date Extracted:	10-18-04
Preservative:	Cool	Date Analyzed:	10-19-04
Condition:	Cool & Intact		

Parameter	Analytical Result	Units
Conductivity @ 25° C	4.550	mmhos/cm
Calcium	434	mg/Kg
Magnesium	<0.01	mg/Kg
Sodium	234	mg/Kg
Sodium Absorption Ratio (SAR)	3.1	ratio
Exchangeable Sodium Percent (ESP)	3.2	percent
Chloride	1,120	mg/Kg

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.

Comments: San Juan Co., NM BW Federal 29-29-8.


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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	CDX Rockies	Project #:	03040-007
Sample ID:	No. 101	Date Reported:	10-19-04
Laboratory Number:	30983	Date Sampled:	10-15-04
Chain of Custody:	13191	Date Received:	10-15-04
Sample Matrix:	Drill Mudd	Date Analyzed:	10-19-04
Preservative:	Cool	Date Digested:	10-18-04
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.006	0.001	5.0
Barium	0.218	0.001	100
Cadmium	ND	0.001	1.0
Chromium	0.001	0.001	5.0
Lead	0.001	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	0.004	0.001	1.0
Silver	ND	0.001	5.0

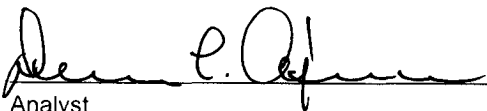
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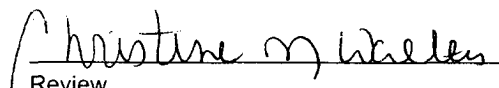
References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils.
SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emission
Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C
section 261.24, August 24, 1998.

Comments: **San Juan Co., NM BW Federal 29-29-8.**


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