1000 Rio Bragos Rel Ageo NAIS 7490

State of New Mexico Energy, Minerals and Natural Resources Department

SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND I COPY TO SANTA FE OFFICE

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

PIT REM	MEDIATION	AND CL	<u>OSURE</u>	<u>REPORT</u>
ACCOVER		-		

W. Lymnakimas			
1//		(505) 204 0022	
Operator: <u>Devon</u>	Energy Corporation	Telephone: <u>(505) 324-0033</u>	
Address: 3300 No	orth Butler Avenue, Suite 211,	Farmington, NM 87401	
Facility Or: N. E. Well Name	Blanco Unit # 11-25		
Location: Unit or Qtr/	Qtr Sec <u>H</u> Sec <u>25</u>	T 31N R 7W County Rio Arriba	
Pit Type: Separator	X Dehydrator	Other	
Land Type: BLM	<u>X</u> , State,	Fee, Other	
Pit Location: (Attach diagram)	Pit dimensions: Length 10 Reference: wellhead X	ft , width 10 ft , depth 2.5 ft other	1.
	Footage from reference: 100	<u>ft</u>	
	Direction from reference: 0	Degrees East North of	
		West South X	
Depth to Ground Wa (vertical distance from		Less than 50 feet (20 points) 50 ft to 99 feet (10 points)	
contaminants to sease highwater elevation of ground water)		X Greater than 100 feet (0 points)	0
Wellhead Protection (less than 200 feet fr		Yes (20 points)	
domestic water source 1000 feet from all of	•	X No (0 points)	0
Distance to Surface V		Less than 200 feet (20 points)	
(Horizontal distance		X 200 feet to 1000 feet (10 points)	10
lakes, ponds, rivers, irrigation canals and		Greater than 1000 feet (0 points)	
P-\nits\PrrC@.WK3		RANKING SCORE (TOTAL POINTS):	10

	arted: N/A	Date Completed:
	Excavation	Approx. cubic yards
	Landfarmed	Insitu Bioremediation
	Other	
Remediation Method:		Offsite
(Check all appropriate		
sections)		
		itial assessment showed soils to be clean 3' below pit
Ground Water Encour	ntered: No	X Yes Depth
nal Pit:	Sample location Beside	fiberglass pit in direction of surface gradient (See
ultiple samples,	attached di	agram).
nultiple samples, th sample results		
nultiple samples, th sample results diagram of sample	Sample depth 3' belo	agram).
nultiple samples, th sample results diagram of sample	Sample depth 3' below Sample date 5/13/	ow pit bottom
nultiple samples, th sample results diagram of sample	Sample depth 3' below Sample date 5/13/	agram). ow pit bottom 97 Sample time
nultiple samples, th sample results diagram of sample	Sample depth 3' below Sample date 5/13/ Sample Results Benzene(ppm)	agram). ow pit bottom 97 Sample time
nultiple samples, th sample results diagram of sample	Sample depth 3' below Sample date 5/13/ Sample Results Benzene(ppm) Total BTEX (PPM)	agram). ow pit bottom 97 Sample time ———— M)
nultiple samples, th sample results diagram of sample	Sample depth 3' below Sample date 5/13/ Sample Results Benzene(ppm)	agram). ow pit bottom 97 Sample time ———— M)
nultiple samples, th sample results diagram of sample	Sample depth 3' belo Sample date 5/13/ Sample Results Benzene(ppm) Total BTEX (PPN Field Headspace (agram). ow pit bottom 97 Sample time ———— M)
nultiple samples, th sample results diagram of sample tions and depths)	Sample depth 3' below Sample date 5/13/ Sample Results Benzene(ppm) Total BTEX (PPN) Field Headspace (agram). 97
nultiple samples, th sample results diagram of sample tions and depths) Ground Water Sample: EREBY CERTIFY THA	Sample depth3' below Sample date5/13/ Sample Results Benzene(ppm) Total BTEX (PPM) Field Headspace (TPHN Yes No AT THE INFORMATION AF	agram). 97
	Sample depth3' below Sample date5/13/ Sample Results Benzene(ppm) Total BTEX (PPN Field Headspace (TPHN Yes No AT THE INFORMATION AND BELIEF.	agram). Ow pit bottom 97 Sample time M) ppm) 0.0 ID X (if yes, attach sample results) BOVE IS TRUE AND COMPLETED TO THE BEST

FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: Location: N. E. Blanco Unit # 11-25 Operator #: Operator Name: P/L District: Coordinates: Letter: _H Section 25 Township: 31N Range: _7W Or
SITE ASSESSMENT	NMOCD Zone: (From 'NMOCD State (2) Maps) Inside (2) Maps) Inside (2) Notside (2) Depth to Groundwater Less Than 50 Feet (20 points) (1) So Ft to 99 Ft (10 points) (2) Greater Than 100 Ft (0 points) (3) Wellhead Protection Area: Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction?, or; Is it less than 200 ft from a private domestic water source? (1) YES (20 points) (2) NO (0 points) Horizontal Distance to Surface Water Body Less Than 200 Ft (20 points) (1) 200 Ft to 1000 Ft (10 points) (2) Greater Than 1000 Ft (0 points) (3) Name of Surface Water Body Navajo Lake (Surface Water Body: Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditanes, Lakes, Ponds) Distance to Nearest Ephemeral Stream (1) < 100'(Navajo Pits Only) (2) > 100' TOTAL HAZARD RANKING SCORE: 10 POINTS
REMARKS	Remarks :
REA	

	ORIGINAL PIT LOCATION
7	Original Pit : a) Degrees from North 180 Footage from Wellhead 100' b) Length : Width : Depth : 2.5' 10' Diameter Fiberglass Pit
ORIGINAL PIT LOCATION	North North Well head Separator Fiberalass Pit Berm Sample Feint
REMARKS	Remarks: The fiberglass pit is 4' deep. There were no fluids in the fiberglass pit. Soil is moist, red-brown, clayey loam 0' - 5' - No hydrocarbon odor or staining A sample was taken @ 5.5' deep: OVM = 0.0 ppm The bermed area is 15' x 15' x 6" deep
	Completed Ey: 5-13-97 Signature Date



TOTAL VOLATILE PETROLEUM HYDROCARBONS

Gasoline Range Organics

Devon Energy Corporation

Project ID:

NEBU #11

Sample Matrix: Soil Preservative:

Condition:

Cool Intact Report Date:

07/07/97

Date Sampled:

05/13/97

Date Received:

05/14/97

Date Extracted:

05/19/97

Date Analyzed:

05/20/97

(Sampleda)	Lagio,	iconocities	(119) (3)
Btm @ 5.5'	6899	ND	34.2

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate

Trifluorotoluene

% Recovery 99%

Acceptance Limits

50 - 150%

Vidak

Reference:

Method for the Determination of Gasoline Range Organics,

State of Tennessee, Department of Environment and Conservation, Division

of Underground Storage Tanks.

Comments



TOTAL RECOVERABLE PETROLEUM HYDROCARBONS **Diesel Range Organics**

Devon Energy Corporation

Project ID:

NEBU 11

Sample Matrix: Soil

Preservative: Condition:

Cool

Intact

Report Date:

07/07/97

Date Sampled:

05/13/97

Date Received:

05/14/97

Date Extracted:

05/19/97

Date Analyzed:

05/19/97

Sample 187	E apt Dr	ં દેશોલું સાથે કરો છે. પ્રાથમિક	iDacelon Linik (injekte)
Btm @ 5.5'	6899	ND	29.4

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate

o - Terphenyl

% Recovery 92%

Acceptance Limits

50 - 150%

Reference:

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas

Chromatography." Test Methods for Evaluating Solid Waste, Physical/

Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

Comments:

Page of	COMMENTS						`					Please Fill Out Thoroughly.	Shaded areas	for lab use only.	White/Yellow: Analytica Pink: Cilent	
	METALS										Date:	Time:			25/477	Time
	WATER ANALYSES		<u> </u>							Refinquished By:	Signature	Company:	<u> </u>	Received By:	Standard	Company
CHAIN OF CUSTODY	WATER ,		-								Date:	1000 2/3/ Time:	an 1:55		Date:	Time:
CHAIN	SES					1				Relinquished By:	Signature	Company:	morecan	Received By:	Signature	Company:
	DRGANIC ANALYSES										Date:	16/2 1 20/19 Time:	7.55		Date:	Time:
	0	0247/03	77	ン ン						Sampled By:	Signature	Sompany:	Marilla) Received By:	Signature	Company:
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ANAITAS		PROJECT MANAGER: Analytica Lab I.D.: Company: Address: Plan: Plan: Address: Bill: To: Company: Address: Address: Address: Address: Address: Address: Address:		ļ.,	.1 1					Project Information		ne; NE BU	Shipped Via:	Required Turnaround Time (Prior Authorization Required for Rush) Received By:		
		PROJECT Analytica L Company: Address: Phone: Fax: Company: Address: Address:	S	<u> </u> <u>8</u>							Proj. #:			i		

QUALITY CONTROL REPORT TOTAL VOLATILE PETROLEUM HYDROCARBONS

Gasoline Range Organics

Method Blank Analysis

Project ID:

NA

Sample Matrix: Soil Preservative:

Condition:

NA NA Report Date:

07/07/97

Date Sampled:

NA

Date Received:

NA

Date Extracted:

05/19/97

Date Analyzed:

05/20/97

-Sample (E)	4Labile	Concentration. (notke)	(Uonko):
Method Blank	MB35569	ND	22.5

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate

Trifluorotoluene

% Recovery 90%

Acceptance Limits

50 - 150%

Reference:

Method for the Determination of Gasoline Range Organics,

State of Tennessee, Department of Environment and Conservation, Division

of Underground Storage Tanks.

Comments:

Analyst

QUALITY CONTROL REPORT TOTAL VOLATILE PETROLEUM HYDROCARBONS

Gasoline Range Organics

Matrix Spike Analysis

Project ID:

NA

Report Date:

07/07/97

Sample Matrix:

Soil

Date Sampled:

NA

Preservative:

NA

Date Received:

NA

Condition: NA

Date Extracted:

05/19/97

Date Analyzed

05/20/97

(Cab.ID	Spike Avidedr	Orginal Code	Spike Cone.	" Pogent
	(000/39).	(mg/g)	(rig/kg)	Recovery
MBSPK35570	3,920	ND	2,860	73%

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate

Percent Recovery

Acceptance Limits

Trifluorotoluene

101%

50 - 150%

Vid a

Reference:

Method for the Determination of Gasoline Range Organics,

State of Tennessee, Department of Environment and Conservation,

Division of Underground Storage Tanks.

Comments:

Daview

QUALITY CONTROL REPORT TOTAL VOLATILE PETROLEUM HYDROCARBONS **Gasoline Range Organics**

Duplicate Analysis

Project ID:

NA

Report Date:

07/07/97

Sample Matrix: Soil

Cool

Date Sampled:

05/16/97

Preservative:

Date Received:

05/19/97 05/19/97

Condition:

Intact

Date Extracted: Date Analyzed:

05/20/97

. si∟ab (Đ.	·Sample/Contr (Molkg):	Diplicate Cons	Paceni Difference
6937dup	ND	ND	NA

ND- Analyte not detected at the stated detection limit.

Quality Contro Surrogate

% Recovery

Acceptance Limits

Trifluorotoluene

83%

50 - 150%

Reference:

Method for the Determination of Gasoline Range Organics,

State of Tennessee, Department of Environment and Conservation, Division

of Underground Storage Tanks.

Comments:

Daniel A. Analyst

QUALITY CONTROL REPORT TOTAL RECOVERABLE PETROLEUM HYDROCARBONS **Diesel Range Organics**

Method Blank Analysis

Project ID:

Condition:

NA

Report Date:

07/07/97

Sample Matrix: Soil

NA

Date Sampled:

NA

Preservative:

NA

Date Received: Date Extracted:

NA 05/19/97

Date Analyzed:

05/19/97

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Method Blank	MB35569	ND	20.0

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate

o - Terphenyl

% Recovery 93%

Acceptance Limits

50 - 150%

Reference:

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas

Chromatography." Test Methods for Evaluating Solid Waste, Physical/

Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

Comments:

Quie///

QUALITY CONTROL REPORT TOTAL RECOVERABLE PETROLEUM HYDROCARBONS Diesel Range Organics

Matrix Spike Analysis

Project ID:

NA

٩

Report Date:

07/07/97

Sample Matrix:

Soil

Date Sampled:
Date Received:

NA NA

Preservative: Condition:

NA NA

Date Extracted:

05/19/97

Date Analyzed:

05/19/97

Lab ID	- SpikerAdded (mg/kg)	(ng/g):	Spike Conc. (ing/kg)	Percent Recovery
MBSPK35569	2,300	ND	1,810	79%

ND- Analyte not detected at the stated detection limit.

Reference:

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by

Gas Chromatography." <u>Test Methods for Evaluating Solid Waste.</u> <u>Physical/Chemical Methods</u>, SW-846, 3rd Ed, Final Update I, July,

1992. USEPA.

Comments:

Analyst

Review

QUALITY CONTROL REPORT TOTAL RECOVERABLE PETROLEUM HYDROCARBONS **Diesel Range Organics**

Duplicate Analysis

Project ID:

NEBU #242

Sample Matrix: Soil Preservative:

Cool

Condition:

Intact

Report Date:

07/02/97

Date Sampled:

Date Received:

05/14/97

Date Extracted: 05/19/97

05/14/97

Date Analyzed:

05/19/97

Cab D	Sample Cons	Duplicate Cond.	Percent
	(MO/19)	— (ing/kg): —	Difference
6908DUP	392	392	0%

ND- Analyte not detected at the stated detection limit.

Quality Contro Surrogate

June Pol

o - Terphenyl

% Recovery 94%

Acceptance Limits

50 - 150%

Reference:

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas

Chromatography." Test Methods for Evaluating Solid Waste, Physical/ Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

Comments: