

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-144
June 1, 2004

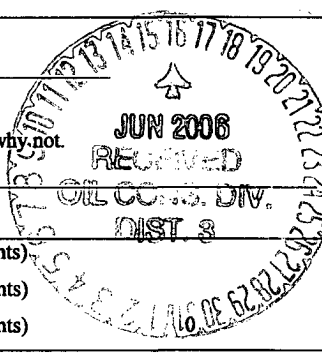
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: <u>ConocoPhillips Company</u> Telephone: <u>505-599-3400</u> e-mail address: _____			
Address: <u>5525 Hwy 64, Farmington, NM 87401</u>			
Facility or well name: <u>San Juan 32-8 # 12 A</u> API #: <u>30-045-24541</u> U/L or Qtr/Qtr <u>E</u> Sec <u>21</u> T <u>31 N</u> R <u>8 W</u>			
County: <u>San Juan</u> Latitude <u>36.88517241</u> Longitude <u>-107.6871218</u> NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>			
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>			
Pit Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume <u>40</u> bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: _____		
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (X) (0 points)		
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) No (X) (0 points)		0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (X) (0 points)		0
Ranking Score (Total Points)			0

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility N/A (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:
A soil sample was extracted from center of pit, 4-ft below surface level, 3-ft below pit bottom, and analyzed for GRO/DRO and BTEX analysis. All analysis were within BLM And NMOCD closure requirements.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 6/13/06

Printed Name/Title Frank McDonald

Signature 

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: DEPUTY OIL & GAS INSPECTOR, DIST. 3
Printed Name/Title

Signature 

Date: JUN 16 2006

1 of 2

Submit 1 copy to
appropriate
District Office
and 1 copy to
the Santa Fe Office

Revised June 10, 2003

PIT REMEDIATION AND CLOSURE REPORT

Operator: <u>ConocoPhillips Company</u> Telephone: <u>(505) 599-3400</u>		
Address: <u>5525 Hwy. 64 Farmington, NM 87401</u>		
Facility Or: <u>SJ 32-8 # 12 A</u>		
Well Name _____		
Location: Unit or Qtr/Qtr Sec <u>E</u> Sec <u>21</u> T <u>31N</u> R <u>8W</u> County <u>San Juan</u>		
Pit Type: Separator _____ Dehydrator _____ Other <u>Abandoned SE Pit</u>		
Land Type: BLM <u>X</u> , State _____, Fee _____ Other _____		
Pit Location: Pit dimensions: length <u>15'</u> , width <u>15'</u> , depth <u>1'</u> (Attach diagram)		
Reference: wellhead <u>X</u> , other _____		
Footage from reference: <u>140-ft</u>		
Direction from reference: <u>60</u> Degrees <u>X</u> East North of _____ _____ West South <u>X</u>		
Depth To Ground Water (Vertical distance from contaminants to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points) <u>0</u>
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points) <u>0</u>
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches.)	Less than 200 feet 200 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points) <u>0</u>
RANKING SCORE (TOTAL POINTS):		<u>0 pts.</u>

Date Remediation Started: 1/17/06 Date completed: 1/17/06

Remediation Method: Excavation N/A Approx. cubic yards _____
(Check all appropriate sections.) Landfarmed N/A Insitu Bioremediation _____
Other _____

Remediation Location: Onsite _____ Offsite _____
(i.e. landfarmed onsite, name and location of offsite facility) _____

General Description of Remedial Action: _____

A soil sample was extracted at 4-ft below ground level (3-ft. below pit bottom). The sample was analyzed for GRO/DRO and BTEX analysis. All analyses were within BLM and NMOCD requirements.

Ground Water Encountered: No _____ Yes _____ Depth _____

Final Pit:
Closure Sampling:
(if multiple samples,
attach sample results
and diagram of sample
locations and depths)

Sample location Center of pit, 4-ft below surface level (3-ft. below pit bottom)

Sample depth 3-ft. below pit bottom

Sample Date 1/17/06 Sample time 13:35

Sample Results

Benzene(ppm) Non-Detect

Total BTEX(ppm) 0.0741

Field headspace(ppm) N/A

TPH Non-Detect

Ground Water Sample: Yes _____ No X (If yes, attach sample results)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

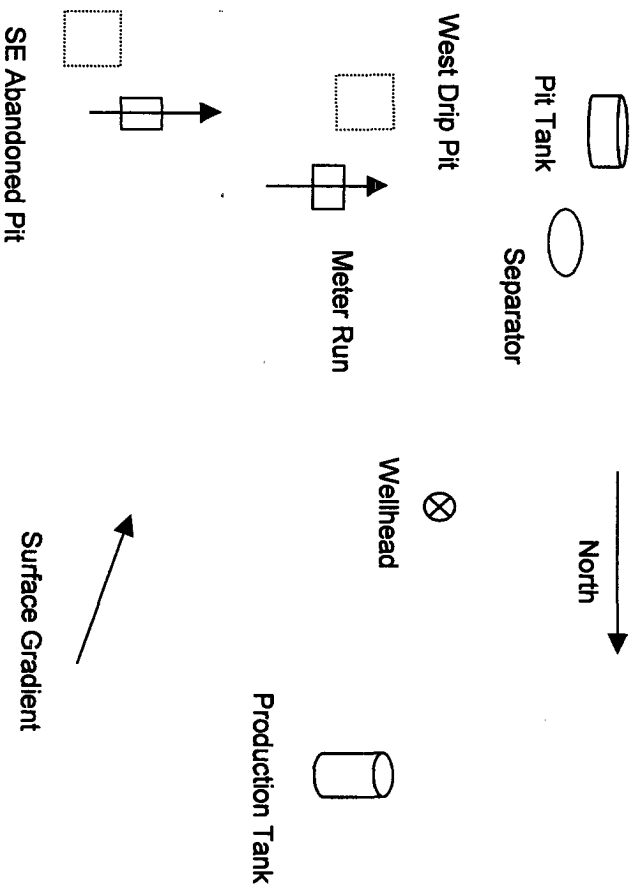
Signature  Date 6/13/06

Printed Name Frank McDonald Title Environmental Specialist

E-mail Address fmc_d_best@hotmail.com

Location:	SJ 32-8 # 12 A		
Footages:	1820' FNL & 790' FWL		
Unit Letter:	Sec. 21	Twn. 31N	Rng 8W
Latitude:	Longitude:		
Lease Num.	SF-079029	Land Type:	BLM
Pit Type:	SE Abandoned Pit		
Pit Reference			
Reference:	wellhead	Footage:	140-ft
Direction:	South	60	Degrees East
Initial size:	15' X 15' X 1' in depth		
Final Size:	15' X 15' X 1' in depth		
Total Cubic Yards:	0		
Distances from (ft):	>100'		
Groundwater:	>1000'		
Wellhead Protection Area:	>1000'		
Nearest Surface Water:	>1000'		
Distance to ephemeral stream:	N/A		
(Navajo/Jicarilla only)			
Ranking Score (points):	0		
Sample ID	Description	OVM Reading	
1	Ctr Btn @ 4-ft	Non-Detect	
2			
3			
4			
5			
6			
7			
8			
9			
10			
Comments:	Soil is clayey loam, No H-C odor or Staining encountered.		

Site Diagram:



Not to Scale

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

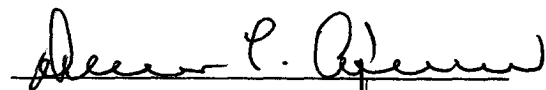
Client:	ConocoPhillips	Project #:	96052-026-190
Sample ID:	Btm @ 4'	Date Reported:	01-19-06
Laboratory Number:	35773	Date Sampled:	01-17-06
Chain of Custody No:	15389	Date Received:	01-17-06
Sample Matrix:	Soil	Date Extracted:	01-17-06
Preservative:	Cool	Date Analyzed:	01-19-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

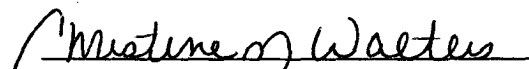
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **SJ 32-8 #12A Abandoned SE Pit.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026-190
Sample ID:	Btm @ 4'	Date Reported:	01-19-06
Laboratory Number:	35773	Date Sampled:	01-17-06
Chain of Custody:	15389	Date Received:	01-17-06
Sample Matrix:	Soil	Date Analyzed:	01-19-06
Preservative:	Cool	Date Extracted:	01-17-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	49.4	1.7
Ethylbenzene	3.0	1.5
p,m-Xylene	17.3	2.2
o-Xylene	4.4	1.0
Total BTEX	74.1	

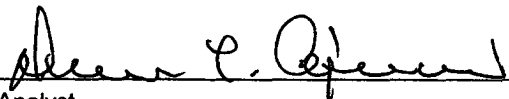
ND - Parameter not detected at the stated detection limit.

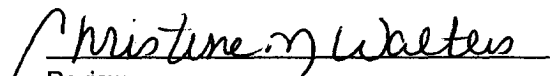
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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: SJ 32-8 #12A Abandoned SE Pit.


Analyst


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Energy Minerals and Natural Resources

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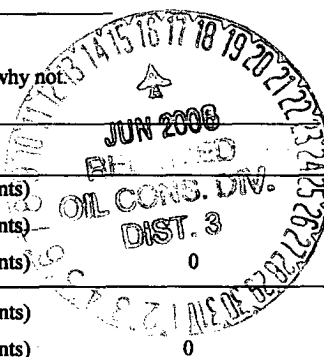
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For downstream facilities, submit to Santa Fe
office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: <u>ConocoPhillips Company</u> Telephone: <u>505-599-3400</u> e-mail address: _____		
Address: <u>5525 Hwy 64, Farmington, NM 87401</u>		
Facility or well name: <u>San Juan 32-8 # 12 A</u> API #: <u>30-045-24541</u> U/L or Qtr/Qtr <u>E</u> Sec <u>21</u> T <u>31 N</u> R <u>8 W</u>		
County: <u>San Juan</u> Latitude <u>36.88517241</u> Longitude <u>-107.6871218</u> NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume <u>50</u> bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (X) (0 points)	
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) No (X) (0 points)	
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (X) (0 points)	
Ranking Score (Total Points) 0		

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility N/A (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: A soil sample was extracted from center of pit, 5-ft below surface level, 3-ft below pit bottom, and analyzed for GRO/DRO and BTEX analysis. All analysis were within BLM And NMOCD closure requirements.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 6/13/06

Printed Name/Title Frank McDonald

Signature 

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title

DEPUTY OIL & GAS INSPECTOR, DIST. 3

Signature 

Date:

JUN 16 2006

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Submit 1 copy to
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the Santa Fe Office

Revised June 10, 2003

PIT REMEDIATION AND CLOSURE REPORT

Operator: <u>ConocoPhillips Company</u> Telephone: <u>(505) 599-3400</u>		
Address: <u>5525 Hwy. 64 Farmington, NM 87401</u>		
Facility Or: <u>SJ 32-8 # 12 A</u> Well Name _____		
Location: Unit or Qtr/Qtr Sec <u>E</u> Sec <u>21</u> T <u>31N</u> R <u>8W</u> County <u>San Juan</u>		
Pit Type: Separator _____ Dehydrator _____ Other <u>West Drip Pit</u>		
Land Type: BLM <u>X</u> , State _____, Fee _____ Other _____		
Pit Location: Pit dimensions: length <u>12'</u> , width <u>12'</u> , depth <u>2'</u> (Attach diagram) Reference: wellhead <u>X</u> , other _____ Footage from reference: <u>95-ft</u> Direction from reference: <u>10</u> Degrees <u>X</u> East North of _____ West South <u>X</u>		
Depth To Ground Water (Vertical distance from contaminants to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points) <u>0</u>
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points) <u>0</u>
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches.)	Less than 200 feet 200 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points) <u>0</u>
RANKING SCORE (TOTAL POINTS):		<u>0 pts.</u>

Date Remediation Started: 6/5/06 Date completed: 6/5/06

Remediation Method: Excavation N/A Approx. cubic yards _____
(Check all appropriate sections.) Landfarmed N/A Insitu Bioremediation _____
Other _____

Remediation Location: Onsite _____ Offsite _____
(i.e. landfarmed onsite,
name and location of
offsite facility)

General Description of Remedial Action: _____

A soil sample was extracted at 5-ft below ground level (3-ft. below pit bottom). The sample was analyzed for
GRO/DRO and BTEX analysis. All analyses were within BLM and NMOCD requirements.

Ground Water Encountered: No _____ Yes _____ Depth _____

Final Pit:
Closure Sampling:
(if multiple samples,
attach sample results
and diagram of sample
locations and depths)

Sample location Center of pit, 5-ft below surface level (3-ft. below pit bottom)

Sample depth 3-ft. below pit bottom

Sample Date 6/5/06 Sample time 13:50

Sample Results

Benzene(ppm) Non-Detect

Total BTEX(ppm) 2.000

Field headspace(ppm) N/A

TPH 1240 ppm

Ground Water Sample: Yes _____ No X (If yes, attach sample results)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signature Frank McDonald Date 6/13/06

Printed Name Frank McDonald Title Environmental Specialist

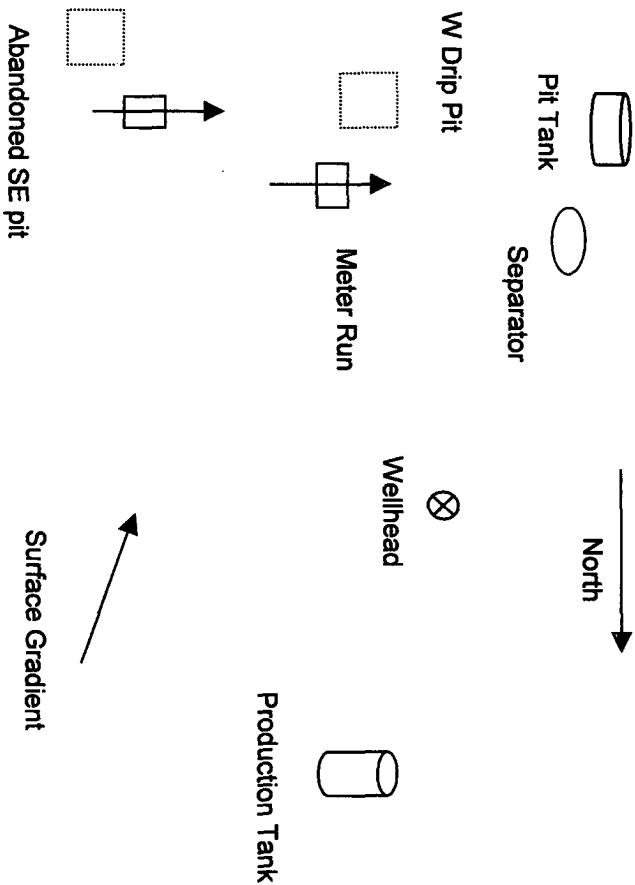
E-mail Address fmcd_best@hotmail.com

Location:	SJ 32-8 # 12 A		
Footages:	1820' FNL & 790' FWL		
Unit Letter:	Sec. 21	Twn. 31N	Rng 8W
Latitude:	Longitude:		
Lease Num.	SF-079029	Land Type:	BLM
Pit Type:	West Drip Pit		
Pit Reference			
Reference:	wellhead	Footage:	95-ft
Direction:	South	10	Degrees East
Initial size:	12' X 12' X 2' in depth		
Final Size:	12' X 12' X 2' in depth		
Total Cubic Yards:	0		
Distances from (ft):			
Groundwater:	>100'		
Wellhead Protection Area:	>1000'		
Nearest Surface Water:	>1000'		
Distance to ephemeral stream:	N/A		
(Navajo/Jicarilla only)			
Ranking Score (points):	0		

Sample ID	Description	OVM Reading
1	Chr Btm @ 5-ft	1668 ppm
2		
3		
4		
5		
6		
7		
8		
9		
10		

Comments:
Soil is clayey loam, H-C staining and odor encountered at approx. 2-ft below surface.

Site Diagram:



Not to Scale

N

S

E

W

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: ConocoPhillips
Sample ID: Ctr @ 5'
Laboratory Number: 37345
Chain of Custody No: 1046
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

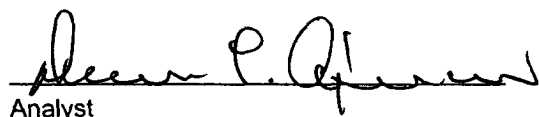
Project #: 96052-026-230
Date Reported: 06-07-06
Date Sampled: 06-05-06
Date Received: 06-06-06
Date Extracted: 06-07-06
Date Analyzed: 06-07-06
Analysis Requested: 8015 TPH

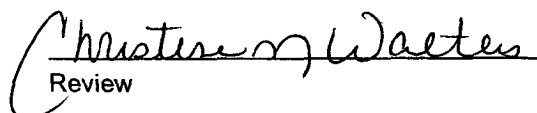
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	52.8	0.2
Diesel Range (C10 - C28)	1,190	0.1
Total Petroleum Hydrocarbons	1,240	0.2

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: SJ 32-8 #12A W. Drip Pit.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: ConocoPhillips
Sample ID: Ctr @ 5'
Laboratory Number: 37345
Chain of Custody: 1046
Sample Matrix: Soil
Preservative: Cool
Condition: Cool & Intact

Project #: 96052-026-230
Date Reported: 06-07-06
Date Sampled: 06-05-06
Date Received: 06-06-06
Date Analyzed: 06-07-06
Date Extracted: 06-07-06
Analysis Requested: BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	131	1.7
Ethylbenzene	60.4	1.5
p,m-Xylene	1,430	2.2
o-Xylene	376	1.0
Total BTEX	2,000	

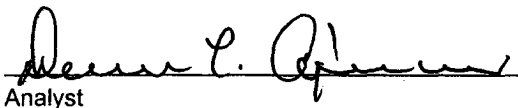
ND - Parameter not detected at the stated detection limit.

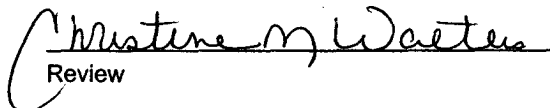
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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: SJ 32-8 #12A W. Drip Pit.


Analyst


Review