

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

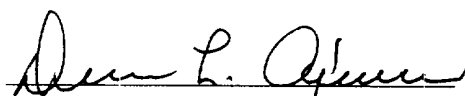
Client:	Blagg / Cross Timbers	Project #:	403410
Sample ID	Sep/Blow C @ 3'	Date Reported:	11-29-00
Laboratory Number:	18887	Date Sampled:	11-28-00
Chain of Custody No:	9160	Date Received:	11-28-00
Sample Matrix:	Soil	Date Extracted:	11-29-00
Preservative:	Cool	Date Analyzed:	11-29-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

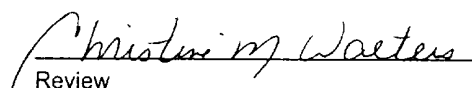
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	3,820	0.2
Diesel Range (C10 - C28)	1,180	0.1
Total Petroleum Hydrocarbons	5,000	0.1

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: **Shipp GC #1.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / Cross Timbers	Project #:	403410
Sample ID:	Sep/Blow C @ 3'	Date Reported:	11-29-00
Laboratory Number:	18837	Date Sampled:	11-28-00
Chain of Custody:	9160	Date Received:	11-28-00
Sample Matrix:	Soil	Date Analyzed:	11-29-00
Preservative:	Cool	Date Extracted:	11-29-00
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	195	1.8
Toluene	1,370	1.7
Ethylbenzene	824	1.5
p,m-Xylene	1,970	2.2
o-Xylene	2,040	1.0
Total BTEX	6,400	

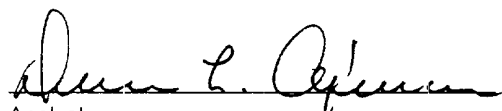
ND - Parameter not detected at the stated detection limit.

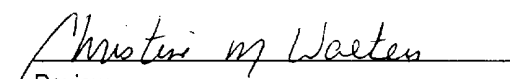
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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: Shipp GC #1.


Analyst


Review

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer DD, Artesia, NM 88211

District III

100 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

OK

PIT REMEDIATION AND CLOSURE REPORTOperator: CROSS TIMBERS OPERATING CO. Telephone: (505) 632-5200Address: 6001 HIGHWAY 64, FARMINGTON, NM 87401Facility or: SHIPP GAS COM #1

Well Name

Location: Unit or Qtr/Qtr Sec (0) Sec 1 T 27N R 13W County SAN JUANPit Type: Separator Dehydrator Other BLOWLand Type: BLM X, State , Fee , Other Pit Location: Pit dimensions: length 45, width 18, depth 3
(Attach diagram)Reference: wellhead X, other Footage from reference: 180Direction from reference: 60 Degrees X East North
of
 West South X

Depth To Ground Water:

(Vertical distance from
contaminants to seasonal
high water elevation of
ground water)Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (0 Points) 0

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 (0 points) 0

Distance To Surface Water:

(Horizontal distance to perennial
lakes, ponds, rivers, streams, creeks,
irrigation canals and ditches)Less than 200 feet (20 points)
200 feet to 1000 feet (10 points)
Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS):

0

09160

[illegible]

Date Remediation Started: 11/28/00 Date Completed: 12/4/00

Remediation Method: Excavation Approx. cubic yards 0
(Check all appropriate sections) Landfarmed Insitu Bioremediation

Other PIT TESTED PRIOR TO ANY REMEDIATION.
BEDROCK @ 2' DEPTH

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

General Description Of Remedial Action: NA
PIT BACKFILLED x RECONTOURED

Ground Water Encountered: No X Yes Depth

Final Pit: Sample location see Attached Documents

Closure Sampling:
(if multiple samples, attach sample results and diagram of sample locations and depths)
Sample depth 1 1/2'

Sample date 11/28/00 Sample time 1058

Sample Results

Benzene(ppm)

Total BTEX(ppm)

Field headspace(ppm) 0.0

TPH 0.0

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

DATE JAN 29, 2001

SIGNATURE Jeffrey C. Blagg

PRINTED NAME
AND TITLE

JEFFREY C. BLAGG, NMPE 11607
AGENT FOR CTOC

CLIENT: <u>CROSS TIMBERS</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: _____ C.O.C. NO: <u>9160</u>
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>SHIPP GC</u> WELL #: <u>1</u> PIT: <u>BLOW</u> QUAD/UNIT: <u>D SEC: 1</u> TWP: <u>27N</u> RNG: <u>13W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> STR/FOOTAGE <u>SW/4 SE/4</u> CONTRACTOR: _____	DATE STARTED: <u>11-28-00</u> DATE FINISHED: <u>12-04-00</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>
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EXCAVATION APPROX. <u>45</u> FT. x <u>18</u> FT. x <u>3</u> FT. DEEP.	CUBIC YARDAGE: _____
DISPOSAL FACILITY: <u>NA</u>	REMEDATION METHOD: <u>NA</u>
LAND USE: <u>RANGE</u>	LEASE: <u>SF-078101</u> FORMATION: _____

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 180 FT. S60°E FROM WELLHEAD.

DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000

NMDCD RANKING SCORE: 0 NMDCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

API - 30 - 045 - 06780

PxA WELL

PIT FOUND w/ Vegetation + Blow SAND IN BASE. HAND AUGER IN PIT FROM 1 1/2' - 2'.

0' - 1' BLOW SAND.

1' - 2' CLAYSTONE BEDROCK, VERY HARD TO PENETRATE w/ HAND TOOLS.

NO HC ODOR OR STAINING IN ANY SAMPLES

FIELD 418.1 CALCULATIONS

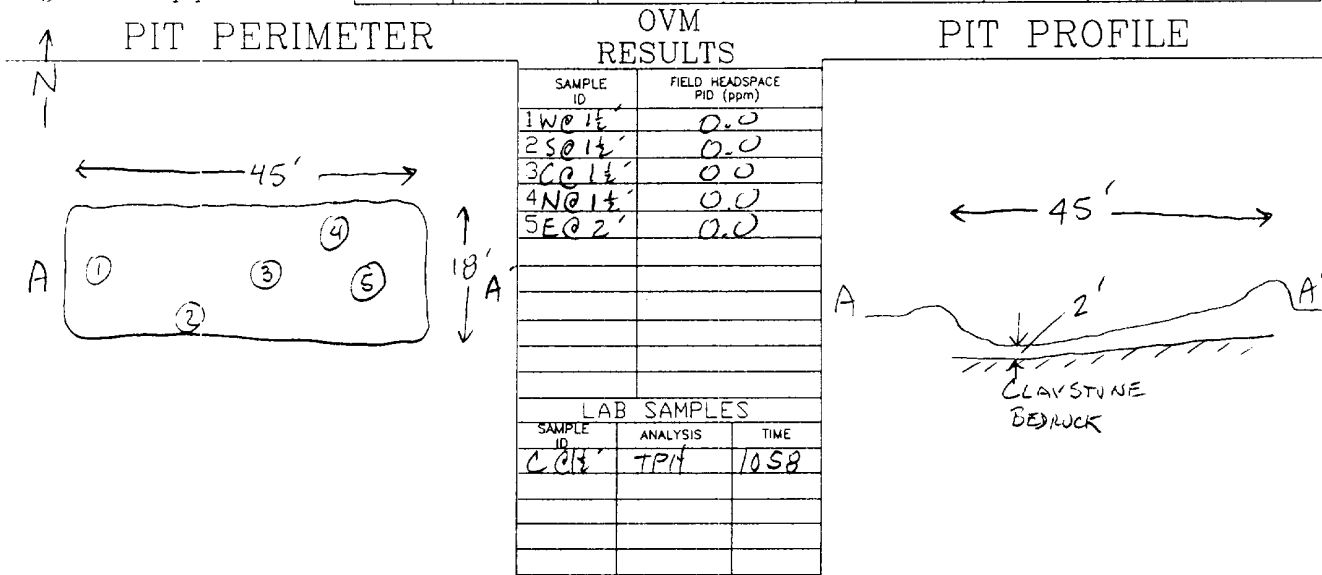
TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

CHECK ONE:

☒ PIT ABANDONED

☐ STEEL TANK INSTALLED

☐ FIBERGLASS TANK INSTALLED



TRAVEL NOTES	CALLOUT: _____	ONSITE: _____
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EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

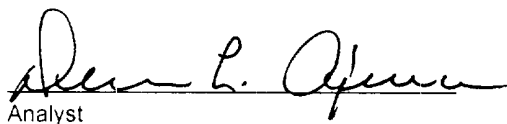
Client:	Blagg / Cross Timbers	Project #:	403410
Sample ID:	Blow C @ 1 1/2'	Date Reported:	11-29-00
Laboratory Number:	18888	Date Sampled:	11-28-00
Chain of Custody No:	9160	Date Received:	11-28-00
Sample Matrix:	Soil	Date Extracted:	11-29-00
Preservative:	Cool	Date Analyzed:	11-29-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

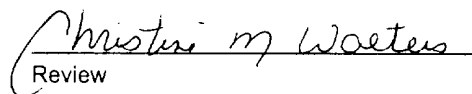
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.1

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: **Shipp GC #1.**


Analyst


Review

09160

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615