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

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

Form C-144
June 1, 2004

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: Dugan Production Corp Telephone: (505)325-1821 e-mail address:
Address: P.O. Box 420, Farmington, New Mexico 87401
Facility or well name: Bonnie & Ed No. 1 API #: 30-045-25120 U/L or Qtr/Qtr J Sec 4 T 29N R 15W
County: San Juan Latitude 36.75464 Longitude 108.41839 NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☐ State ☐ Private ☒ Indian ☐

Pit	**Below-grade tank**		
Type: Drilling ☐ Production ☒ Disposal ☐ Workover ☐ Emergency ☐ Lined ☐ Unlined ☒ Liner type: Synthetic ☐ Thickness ____mil Clay ☐ Pit Volume 90 ± bbl	Volume: ____bbl Type of fluid: Construction material: Double-walled, with leak detection? Yes ☐ 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points)	20
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)	0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)	10
	Ranking Score (Total Points)		30

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 your are burying in place) onsite ☐ offsite ☒ If offsite, name of facility ENVIROTECH LF (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:

12' x 12' x 3.5'± deep unlined production pit, center located at approximately 78 Feet North 68° East of wellhead

Use backhoe to remove impacted soils to 6 feet below ground surface and submit 5-point composite sidewall/base sample for lab testing. Due to chloride results (608 ppm)

excavate an additional 2 feet (to 8' below grade) and resample for chlorides. Subsequent test results indicate chlorides < 500 ppm.

RCVD JUL 12'07
OIL CONS. DIV.
DIST. 3

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: July 11, 2007

Printed Name/Title Jeffrey C Blagg, agent Signature Jeffrey C. Blagg

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, District #3 Signature Date: JUL 24 2007

30-045-25120

CLIENT: DUGAN

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO: _____
COCR NO: 2917

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 2 of 2

LOCATION: NAME: BOWIE ▼ ED WELL #: 1 TYPE: PROD
QUAD/UNIT J SEC: 4 TWP: 29N RNG 15W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 2090 FSL x 1650 FEL CONTRACTOR: MJO

DATE STARTED 5-23-07
DATE FINISHED 7-2-07
ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. 14 FT. x 14 FT. x 8 FT. DEEP. CUBIC YARDAGE: 40±
DISPOSAL FACILITY: ENVIROTECH LF REMEDIATION METHOD: EXCAVATE
LAND USE: RANGE - FEE LEASE: FEE FORMATION: GAL

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 78 FT. N 68E FROM WELLHEAD.
DEPTH TO GROUNDWATER: <50 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >200
NMOCD RANKING SCORE: 30 NMOCD TPH CLOSURE STD: 100 PPM

OVM CALIB. READ = _____ ppm
OVM CALIB. GAS = _____ ppm RF = 0.52
TIME: _____ am/pm DATE _____

SOIL AND EXCAVATION DESCRIPTION:

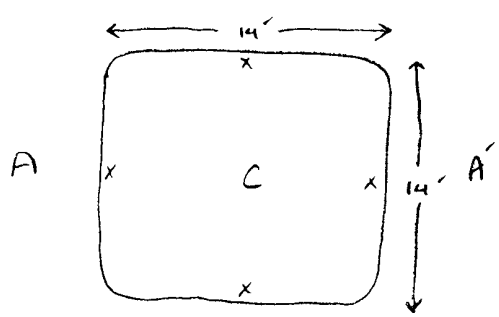
SOIL TYPE: (SAND / SILTY SAND) SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____
SOIL COLOR TAN
COHESION (ALL OTHERS) NON COHESIVE (SLIGHTLY COHESIVE) COHESIVE / HIGHLY COHESIVE
CONSISTENCY (NON COHESIVE SOILS): LOOSE (FIRM) DENSE / VERY DENSE
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD
MOISTURE DRY (SLIGHTLY MOIST) MOIST / WET / SATURATED / SUPER SATURATED
DISCOLORATION/STAINING OBSERVED: YES / (NO) EXPLANATION - _____
HC ODOR DETECTED YES / (NO) EXPLANATION - _____
SAMPLE TYPE (GRAB / COMPOSITE) # OF PTS. _____
ADDITIONAL COMMENTS EXTEND EXCAVATION OF PIT TO 14'x14'x8' DUE TO HIGH CHLORIDES FROM 5/23/07 SAMPLING. RESAMPLE FOR CHLORIDES.

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

SCALE 0 FT

PIT PERIMETER



X = 4 POINT COMPOSITE
C = CENTER
P.D = PIT DEPRESSION, B G = BELOW GRADE; B = BELOW
T H = TEST HOLE, ~ = APPROX., T B = TANK BOTTOM

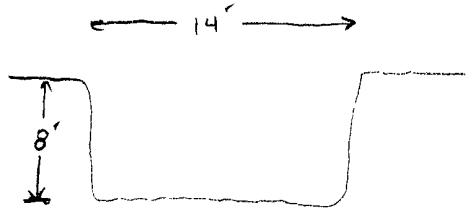
OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
4-POINT C@8'	CL-	1130
C@8'	CL-	1135

PIT PROFILE



TRAVEL NOTES: CALLOUT: _____ ONSITE: 7/2/07

revised: 09/04/02

bel1005C skf

30-045-25120

CLIENT: DUGAN	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: COCR NO: 2917

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 2 of 2

LOCATION: NAME: Bowie ▼ ED WELL #: 1 TYPE: PROD
QUAD/UNIT J SEC 4 TWP 29N RNG: 15W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 2090 FSL x 1650 FEL CONTRACTOR: MJO

DATE STARTED 5-23-07
DATE FINISHED 7-2-07
ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. 14 FT. x 14 FT. x 8 FT. DEEP. CUBIC YARDAGE: 40±

DISPOSAL FACILITY: _____ REMEDIATION METHOD: _____

LAND USE: RANGE - FEE LEASE: FEE FORMATION: GAL

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 78 FT. N68E FROM WELLHEAD.

DEPTH TO GROUNDWATER: <50 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >200

NMOCD RANKING SCORE: 30 NMOCD TPH CLOSURE STD: 100 PPM

OVM CALIB. READ. = _____ ppm
OVM CALIB. GAS = _____ ppm RF = 0.52
TIME: _____ am/pm DATE: _____

SOIL AND EXCAVATION DESCRIPTION:

SOIL TYPE: (SAND / SILTY SAND) SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____
SOIL COLOR: TAN
COHESION (ALL OTHERS): NON COHESIVE (SLIGHTLY COHESIVE) COHESIVE / HIGHLY COHESIVE
CONSISTENCY (NON COHESIVE SOILS): LOOSE (FIRM) DENSE / VERY DENSE
PLASTICITY (CLAYS) NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD
MOISTURE DRY (SLIGHTLY MOIST) MOIST / WET / SATURATED / SUPER SATURATED
DISCOLORATION/STAINING OBSERVED: YES / (NO) EXPLANATION - _____
HC ODOR DETECTED YES / (NO) EXPLANATION - _____
SAMPLE TYPE (GRAB / COMPOSITE) # OF PTS _____
ADDITIONAL COMMENTS: EXTEND EXCAVATION OF PIT TO 14'x14'x8' DUE TO HIGH CHLORIDES FROM 5/23/07 SAMPLING. RESAMPLE FOR CHLORIDES.

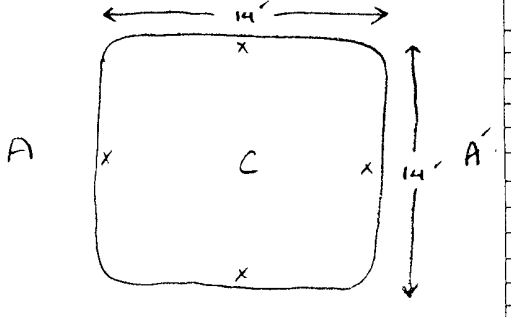
FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

SCALE 0 FT

N ↑

PIT PERIMETER



X = 4 POINT COMPOSITE
C = Center
PD = PIT DEPRESSION, BG = BELOW GRADE, B = BELOW
TH = TEST HOLE, ~ = APPROX., TB. = TANK BOTTOM

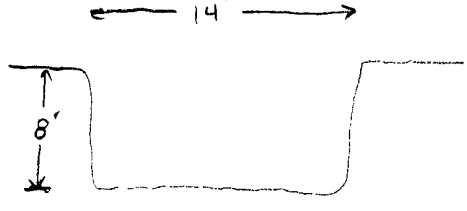
OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
4-POINT @ 8'	CL-	1130
C @ 8'	CL-	1135

PIT PROFILE



TRAVEL NOTES CALLOUT: _____ ONSITE: 7/2/07

revised: 09/04/02 bei1005C skf

CHAIN OF CUSTODY RECORD

2917

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
BLAGG/DUGAN	BONNIE # 1	
Sampler: JEFF BLAGG	Client No. 94034-010	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Cl⁻						Remarks
4-POINT @ 8'	7/2/07	1130	42232	SOIL	1	X						PROD. PIT
CC 8'	"	1135	42233	"	1	X						"

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jeff Blagg	7/3/07	1510	Rick Vault	7/2/07	1510
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	C @ 8'	Date Reported:	07-03-07
Lab ID#:	42233	Date Sampled:	07-02-07
Sample Matrix:	Soil	Date Received:	07-02-07
Preservative:	Cool	Date Analyzed:	07-03-07
Condition:	Cool and Intact	Chain of Custody:	2917

Parameter	Concentration (mg/Kg)
Total Chloride	**299**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Bonnie & Ed #1 Prod. Pit**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	4-Point @ 8'	Date Reported:	07-03-07
Lab ID#:	42232	Date Sampled:	07-02-07
Sample Matrix:	Soil	Date Received:	07-02-07
Preservative:	Cool	Date Analyzed:	07-03-07
Condition:	Cool and Intact	Chain of Custody:	2917

Parameter	Concentration (mg/Kg)
Total Chloride	**328**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Bonnie & Ed #1 Prod. Pit**

Analyst

Review

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30-045-25120 36.75464 x 108.41839

CLIENT: DUGAN

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO:
COCR NO: 2703

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 2

LOCATION: NAME: BONNIE + ED WELL #: 1 TYPE: PROD.
QUAD/UNIT: J SEC: 4 TWP: 29N RNG: 15W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 2090 FSL x 1650 FEL CONTRACTOR: MJO

DATE STARTED 5-23-07
DATE FINISHED 5-23-07
ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. 14 FT. x 14 FT. x 6 FT. DEEP. CUBIC YARDAGE: 25 ±
DISPOSAL FACILITY: ENVIROTECH LF REMEDIATION METHOD: EXCAVATE
LAND USE: RANGE - FEE LEASE: FEE FORMATION: GAL

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 78 FT. N68E FROM WELLHEAD.
DEPTH TO GROUNDWATER: <50 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >200
NMOCD RANKING SCORE: 30 NMOCD TPH CLOSURE STD: 100 PPM

OVM CALIB. READ. = 54.1 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 1215 am/pm DATE: 5/23

SOIL AND EXCAVATION DESCRIPTION:

SOIL TYPE: (SAND / SILTY SAND) / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER
SOIL COLOR
COHESION (ALL OTHERS): NON COHESIVE / (SLIGHTLY COHESIVE) / COHESIVE / HIGHLY COHESIVE
CONSISTENCY (NON COHESIVE SOILS): LOOSE / (FIRM) / DENSE / VERY DENSE
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD
MOISTURE DRY / (SLIGHTLY MOIST) / MOIST / WET / SATURATED / SUPER SATURATED
DISCOLORATION/STAINING OBSERVED: YES / (NO) EXPLANATION -
HC ODOR DETECTED: YES / (NO) EXPLANATION -
SAMPLE TYPE GRAB / (COMPOSITE) # OF PTS. 5
ADDITIONAL COMMENTS: 12'x12'x 3½' UNLINED PIT. USE BACKHOE TO REMOVE IMPACTED SOILS

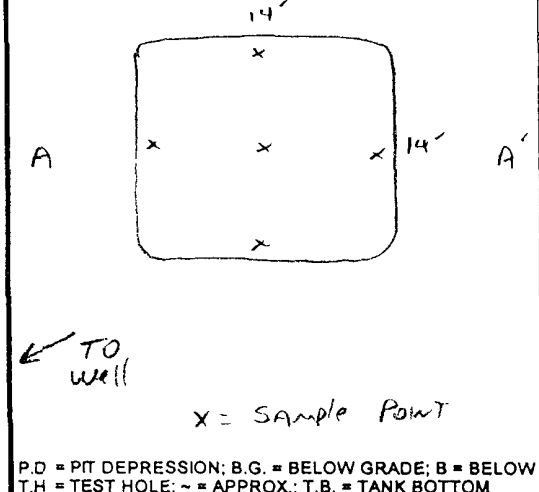
FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

SCALE 0 FT

N

PIT PERIMETER



x = SAMPLE POINT

OVM READING

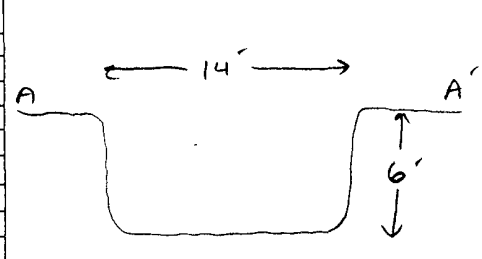
SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	
5-POINT	3.3

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
5-POINT	T/B/CL	1200

P.D = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW
T.H = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM

PIT PROFILE



TRAVEL NOTES: CALLOUT: ONSITE: 5/23/07

revised: 09/04/02 bei1005C.skf

CHAIN OF CUSTODY RECORD

2703

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
BLAGG / DUGAN	BONNIE & ED #1	
Sampler: JEFF BLAGG	**Client No.** 94034-010	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 8015	BTEX 8021	CL⁻				Remarks
PROD. PIT	5/23/07	1200	41636	SOIL	1	X	X	X				5-POINT COMP.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jeff Blagg	5/24/07	1010	[signature]	5/24/07	1010
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

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

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Prod. Pit	Date Reported:	05-25-07
Laboratory Number:	41636	Date Sampled:	05-23-07
Chain of Custody No:	2703	Date Received:	05-24-07
Sample Matrix:	Soil	Date Extracted:	05-25-07
Preservative:	Cool	Date Analyzed:	05-25-07
Condition:	Cool & 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: **Bonnie & Ed #1 5 - Point Comp.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-25-07 QA/QC	Date Reported:	05-25-07
Laboratory Number:	41636	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-25-07
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	8.5277E+002	8.5311E+002	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	05-07-07	8.4957E+002	8.4991E+002	**0.04%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**75 - 125%**

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: **QA/QC for Samples 41636 - 41640.**

Christine M Walters
Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Prod. Pit	Date Reported:	05-25-07
Laboratory Number:	41636	Date Sampled:	05-23-07
Chain of Custody:	2703	Date Received:	05-24-07
Sample Matrix:	Soil	Date Analyzed:	05-25-07
Preservative:	Cool	Date Extracted:	05-25-07
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**5.0**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**4.0**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**9.0**	

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: **Bonnie & Ed #1 5 - Point Comp.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-25-BTEX QA/QC	Date Reported:	05-25-07
Laboratory Number:	41636	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-25-07
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	2.5522E+007	2.5574E+007	0.2%	ND	0.2
Toluene	2.5018E+007	2.5068E+007	0.2%	ND	0.2
Ethylbenzene	2.1653E+007	2.1696E+007	0.2%	ND	0.2
p,m-Xylene	4.6057E+007	4.6149E+007	0.2%	ND	0.2
o-Xylene	2.0485E+007	2.0526E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	5.0	4.9	2.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	4.0	3.8	5.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.9	99.8%	39 - 150
Toluene	5.0	50.0	54.8	99.6%	46 - 148
Ethylbenzene	ND	50.0	50.0	100.0%	32 - 160
p,m-Xylene	4.0	100	102	98.1%	46 - 148
o-Xylene	ND	50.0	49.5	99.0%	46 - 148

ND - Parameter not detected at the stated detection limit.

References. Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for Sample 41636.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Prod. Pit	Date Reported:	05-25-07
Lab ID#:	41636	Date Sampled:	05-23-07
Sample Matrix:	Soil	Date Received:	05-24-07
Preservative:	Cool	Date Analyzed:	05-25-07
Condition:	Cool and Intact	Chain of Custody:	2703

Parameter	Concentration (mg/Kg)
Total Chloride	**608**

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Bonnie & Ed #1 5 - Point Comp.**

Analyst

Review

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