

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: XTO ENERGY INC.		Telephone: (505)-324-1090	e-mail address: _____
Address: 2700 FARMINGTON AVE., BLDG. K, SUITE 1, FARMINGTON, NM 87401			
Facility or well name: ARMENTA GC A #1		API #: 30-045-07926	U/L or Qtr/Qtr D Sec 27 T 29N R 10W
County: SAN JUAN	Latitude 36.70328	Longitude 107.87695	NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>
Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> SEPARATOR Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> STEEL TANK Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl		Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain: _____ RECEIVED APR 2007 OIL CONSV. DIV. DIST. 3	
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) 20 (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 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) 20 (0 points)
		Ranking Score (Total Points)	40

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 _____. (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: PIT LOCATED APPROXIMATELY 85 FT. S5E FROM WELL HEAD.
PIT EXCAVATION: WIDTH NA ft., LENGTH NA ft., DEPTH NA ft.
PIT REMEDIATION: CLOSE AS IS: <input checked="" type="checkbox"/>, LANDFARM: <input type="checkbox"/>, COMPOST: <input type="checkbox"/>, STOCKPILE: <input type="checkbox"/>, OTHER <input type="checkbox"/> (explain)
Cubic yards: <input type="checkbox"/> NA <input type="checkbox"/>

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 alternative OCD-approved plan ☒.

Date: **12/4/06**

Printed Name/Title _____

Jeff Blagg – P.E. # 11607

Printed Name/Title _____ 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,**
Printed Name/Title **District #3** Signature _____ Date: **SEP 10 2007**

Jm

30045 07926

36.70328/107.87695

CLIENT: XTO
BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199
LOCATION NO: CT164COCR NO: HALL**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1LOCATION: NAME: ARMENTA GC A WELL #: 1 TYPE: SEP.DATE STARTED: 1/19/06QUAD/UNIT: D SEC. 27 TWP: 29N RING: 10W PM: NM CNTY: SJ ST: NM

DATE FINISHED:

QTR/FOOTAGE: 400'N/1190'W NW/NW CONTRACTOR: CORE SERV. (ROBERT)ENVIRONMENTAL SPECIALIST: NVEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NADISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE LEASE: FEE FORMATION: PCFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 85 FT. SSE FROM WELLHEAD.DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >1,000' NEAREST SURFACE WATER: <200'NMOCD RANKING SCORE: 40 NMOCD TPH CLOSURE STD: 100 PPMSOIL AND EXCAVATION DESCRIPTION: ELEV. - 5303'
OVM CALIB. READ = 52.5 ppm (CHECK)
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 11:25 @/pm DATE: 1/19/06
SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHERSOIL COLOR: OK, YELL. ORANGE TO MOD. BROWNCOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): LOOSELY FIRM / DENSE / VERY DENSE

PLASTICITY (CLAYS) NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARDMOISTURE DRY SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION -HC ODOR DETECTED: YES / NO EXPLANATION -SAMPLE TYPE: GRAB COMPOSITE - # OF PTS. 1
ADDITIONAL COMMENTS: STEEL TANK REMOVED PRIOR TO ARRIVAL. STANDING WATER @ PIT BOTTOM
CENTER ABOVE PLASTIC LINER (ASSUMED FROM PRECIP.). WATER REMOVED w/
BACKHOE PRIOR TO TEST HOLE ADVANCEMENT.

SCALE

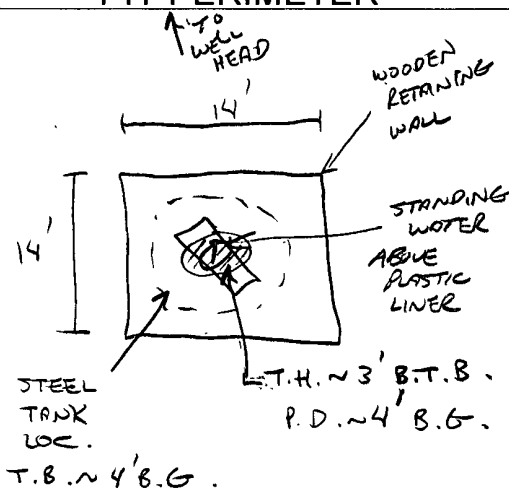


0 FT

FIELD 418.1 CALCULATIONS

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

PIT PERIMETER



OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 7'	0.0
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 7'	TPH (8015B)	1110
"	CHLORIDE	"

PASSED

PIT PROFILE

NOT APPLICABLE

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

TRAVEL NOTES:

CALLOUT: 1/19/06 ONSITE: 1/19/06 - MORN.

Hall Environmental Analysis Laboratory

Date: 31-Jan-06

CLIENT: Blagg Engineering
Lab Order: 0601220
Project: Armenta GC A #1
Lab ID: 0601220-01

Client Sample ID: 1@7-Separator Pit
Collection Date: 1/19/2006 11:10.00 AM
Date Received: 1/23/2006
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	1/24/2006 5:03:27 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	1/24/2006 5:03:27 AM
Surr: DNOP	90.2	60-124		%REC	1	1/24/2006 5:03:27 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	1/30/2006 8:22:46 PM
Surr: BFB	112	79-128		%REC	1	1/30/2006 8:22:46 PM
EPA METHOD 9056A: ANIONS						Analyst: TES
Chloride	62	0.30		mg/Kg	1	1/24/2006

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	S Spike Recovery outside accepted recovery limits	

Client: BLACK ENERGY XTO ENERGY

Address: P.O. BOX 87

BLFD., NM 87413

Phone #: 632-1199

Fax #:


QA / QC Package:

· Std ☐ Level 4 ☐

Other:

Project Name: ARMENTA GC A #1

Project #:

Project Manager: 

Sampler: *MV*

Sample Temperature: 18°

Preservative

HEAL No.

0601220
-1

8TEX + MTBE + TMB's (8021)

BTEX + MTBE + TPH (Gasoline Only)

TPH Method 8015B (Gas/Diesel)

TPH (Method 418.1)

EDB (Method 504.1)

EDC (Method 8021)

8310 (PNA or PAH)

RCRA 8 Metals

Anions (F, Cl, NO₂, NO₃, PO₄, SO₄)

8081 Pesticides/PCB's (8082)

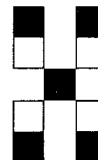
8260B (VOA)

8270 (Semi-VOA)

CHORD

Air Bubbles or Headspace (Y or N)

ANALYSIS REQUEST



**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

4901 Hawkins NE, Suite D

Albuquerque, New Mexico 87109

Tel. 505.345.3975 Fax 505.345.4107

www.hallenvironmental.com

Date:	Time:	Relinquished By: (Signature)
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Received By: (Signature)

1/23/00 @
915

Date:	Time:	Relinquished By: (Signature)
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Received By. (Signature)

Remarks:

<p>1. DEFINITIONS</p>	<p>methodologies, if necessary or appropriate due to the nature of composition of the sample or otherwise based on the reasonable judgement of HEAL, which deviation, if any will be made on a basis consistent with recognized standards of industry and/or HEAL'S Standard Operating Procedures</p>	<p>5 7 The Customer shall indemnify and hold harmless HEAL from and against any and all claims, suits, judgments, damages, losses, liabilities, expenses, payments, taxes, duties, fines and/or other costs (including but not limited to liability to a third party) arising out of a) the presence of hazardous substances in any sample of the Customer regardless of the Customer's compliance with paragraph 5.5 hereof b) accidents occurring during the transport of any sample of the Customer, c) events control, or d) negligence by the Customer in the use, evaluation, or application of Results provided by HEAL</p>
<p>1 1 "Acceptance of a sample" means the determination of HEAL to proceed with work following receipt and inspection of such sample</p> <p>1 2 "Customer" means the individual or entity who may request laboratory services and his or its heirs, successors, assigns, and representatives</p> <p>1 3 HEAL means Hall Environmental Analysis Laboratory its employees, servants, agents, and representative</p> <p>1 4 "Price schedule" means HEAL'S standard price schedule, as such, document may be amended from time to time by HEAL</p>	<p>4 4 Upon timely delivery of samples, HEAL will use its best efforts to comply with storage, processing and analytical holding time limits as set forth in applicable EPA or state guidelines or otherwise requested by the Customer or set forth on the Price Schedule. However, unless specifically made part of a written agreement between HEAL and the Customer, such time limits cannot be guaranteed. Unless specifically indicated on the Price Schedule or expressly made part of a written agreement between HEAL and the Customer, analytical turnaround times are not guaranteed</p>	<p>5 8 Should any Customer sample, due to its matrix or constituents of its matrix, cause the operations of any HEAL instrumentation to be reduced, stopped, or altered, HEAL is entitled to compensation by the Customer for any loss of revenue due to the instrument's downtime, and/or the parts and labor necessary to bring the instruments back to its former operating condition. The amount of compensation is negotiable upon acceptance of these Terms and Conditions and the individual circumstances warranting the reimbursement</p>
<p>1 5 "Results" mean data generated by HEAL from the analysis of one or more samples</p> <p>1 6 "Terms and Conditions" mean these Terms and Conditions of sale, including the Price Schedule, and any additions or amendments hereto which are agreed to in writing by HEAL as provided in Section 7.1</p>	<p>4 5 At HEAL'S sole discretion, verbal Results may be given in advance of the written report of Results. Such verbal Results are TENTATIVE RESULTS ONLY, subject to confirmation or change based on HEAL'S standard quality assurance review procedures</p> <p>5. WARRANTIES, LIABILITY AND INDEMNIFICATION</p>	<p>6. ENTIRE AGREEMENT: SEVERABILITY</p>
<p>2. ORDERS</p> <p>2 1 The customer may order services by submitting a written purchase order to HEAL, by placing a telephone order, which will be subsequently confirmed in writing, or by negotiated contract. Any such order constitutes a) an acceptance by the Customer of HEAL'S offer to do business with the Customer under these Terms and Conditions, and b) an agreement to be bound by these Terms and Conditions. The Customer's delivery of samples to HEAL constitutes the Customer's express assent to be governed by these Terms and Conditions. HEAL reserves the right to refuse to proceed with work at any time based upon an unfavorable customer credit report</p>	<p>5 1 HEAL warrants only that its services will fulfill obligations set forth in Section 4.3 and 4.4 hereof. This warranty is the sole and exclusive warranty given by HEAL in connection with any such services, and HEAL gives and makes no other representation or warranty of any kind, express or implied. No representative of HEAL is authorized to give or make any other representation or warranty or modify the warranty in any way</p>	<p>6 1 These Terms and Conditions, together with any additions or revisions which may be agreed to in writing by HEAL as provided in Section 7.1, embodied the whole agreement of the parties. There are no promises, terms, conditions, understandings, obligations or agreements other than those contained herein, unless made in accordance with Section 7.1, and these Terms and Conditions shall supersede all previous communications, representations, or agreements, either verbal or written, between the Customer and HEAL. HEAL specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Customer to HEAL.</p>
<p>2 2 Any order placed by the Customer under Section 2.1 is subject to a minimum cancellation charge of \$250</p> <p>3. PAYMENT TERMS</p>	<p>5 2 The liability and obligations of HEAL, and the remedies of the Customer in connection with any services performed by HEAL will be limited to repeating the services performed or, at the sole option of HEAL, refunding in full or in part fees paid by the Customer for such services. HEAL'S obligation to repeat any services with respect to any sample will be contingent on the Customer's providing, at the request of HEAL and at the Customer's expense, an additional sample if necessary. Any reanalysis generating Results consistent with the Original Results will be at the Customer's expense. Except as otherwise specifically provided herein, HEAL shall have no liability, obligation or responsibility of any kind for any losses, costs, expenses, or other damages (including but not limited to any special, indirect, incidental or consequential damages) for any representation or warranty of a kind with respect to HEAL'S Services or Results</p>	<p>6 2 The invalidity or unenforceability, in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions, the intent of the parties being that the provisions be severable</p>
<p>3 1 Services performed by HEAL will be in accordance with prices quoted and later confirmed in writing or as stated on the Price Schedule, which prices are subject to change periodically without notice. The Customer should confirm with HEAL the current price prior to placing an order for work</p> <p>3 2 Payment terms are net 30 days from the date of invoice by HEAL. All overdue payments are subject to an additional interest and service charge of one and one-half percent (1.5%) per month or portion thereof from the due date until the date of payment. All payments shall be made in United States currency</p>	<p>5 3 In no event shall HEAL have any responsibility or liability to the Customer for any failure or delay in performance by HEAL, which results, directly or indirectly, in whole or in part, from any cause or circumstance beyond the reasonable control of HEAL. Such cause and circumstance shall include, but not be limited to, acts of God, acts of Customer, acts of orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disputes, difficulties or delays in transportation, mail or delivery services, inability to obtain from HEAL usual sources sufficient services or supplies, or any other cause beyond HEAL'S reasonable control</p>	<p>7. AMENDMENTS AND WAIVERS</p> <p>7 1 HEAL shall not be subject to or bound by any provision, term or condition which is in addition to or inconsistent or conflicting with these Terms and Conditions. HEAL shall not be deemed to have amended or waived or provision, term or condition, or have given any required consent or approval, or to have waived any breach by the Customer of any of these Terms and Conditions unless specifically set forth in writing and executed on behalf of HEAL by a duly authorized officer. No other employee, servant, agent or representatives of HEAL has any authority whatsoever to add to, delete, alter or vary any of these Terms and Conditions in any manner, or to give any consent, approval or waiver, and HEAL shall not be bound by any such purported addition, deletion, alteration, variation, consent, approval or waiver</p>
<p>3 3 The prices stated on the Price Schedule do not include any sales, use or other taxes unless specifically stated. Such taxes will be added to invoice prices when required</p> <p>4. RECEIPT OF SAMPLES AND DELIVERY OF SERVICES</p>	<p>5 4 All results provided by HEAL are strictly for the use of its Customers, and HEAL is in no way responsible for the use of such results by Customers or third parties. All results should be considered in their entirety, and HEAL is in no way responsible for the separation, detachment, or other use of any portion of the results</p>	<p>7 2 No waiver by HEAL of any provision, term or condition hereof or of any breach by or obligation of the Customer hereunder shall constitute a waiver of such provision, term or condition on any other occasion or a waiver of any other breach by or obligation of the Customer</p>
<p>4 1 Prior to HEAL'S Acceptance of any sample (or after any revocation of Acceptance), the entire risk of loss or damage to such sample will remain with the Customer. In no event will HEAL have any responsibility or liability for the action or inaction of HEAL'S carrier shipping or delivering any sample to or from HEAL'S premises</p>	<p>5 5 The customer represents and warrants that any sample delivered to HEAL will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by the customer. The Customer further warrants that any sample containing any hazardous substance, which is to be delivered to HEAL'S premises will be packaged, labeled, transported and delivered properly and in accordance with applicable laws</p>	<p>8. SAMPLE STORAGE</p> <p>8 1 Bulk samples will be retained for thirty (30) days after the analytical report has been issued unless alternate arrangements have been made in advance. Storage of samples or extracts for longer periods is by request only. Sample storage charges depend upon storage requirements and duration. Nominally, a sample storage fee of \$5.00 per sample, per month will be billed monthly unless other arrangements are made. If requested, unused sample material may be returned at the client's expense. Materials, which are identified as hazardous, will be returned to the client or disposed of as hazardous waste and billed at the rate of \$25.00 per sample. HEAL reserves the right to return all dibenzodioxins/dibenzofurans to the client</p>
<p>4 2 HEAL reserves the absolute right, exercisable at any time to refuse delivery of, refuse to accept, or revoke Acceptance of, any sample which in the sole judgement of HEAL a) is of unsuitable volume, b) unsuitable containers as required for the requested analysis, or c) may be or become unsuitable for, or may pose a risk in, handling, transport or processing for any health, safety, environmental or other reason, whether or not due to the presence in the sample of any hazardous substance and whether or not such presence has been disclosed to HEAL by the Customer</p>	<p>5 6 It is understood and agreed that all samples and cuttings of materials containing hazardous contaminants are the property and the responsibility of the Customer. All contaminated samples and laboratory byproducts will be returned to the Customer for disposal. It is understood and agreed that HEAL is not, and has no responsibility as, a generator, treater, storer, or disposer of hazardous or toxic substances found or identified at a site, and the Customer agrees to assume the responsibility for the foregoing</p>	<p>9. SECTION HEADING</p> <p>9 1 The section headings of these Terms and Conditions are intended solely for convenient reference and shall not define, limit or affect in any way These Terms and Conditions or their interpretations</p>
<p>4 3 Where applicable, HEAL will use analytical methodologies which are in substantial conformity with U.S. Environmental Protection Agency (EPA), state agency, American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods for the examination of Water and Wastewater, or other recognized methodologies. HEAL reserves the right to deviate from these</p>		<p>10. GOVERNING LAW</p> <p>10 1 These Terms and Conditions, and transaction or agreement, to which they apply, shall be governed both as to interpretation and performance by the laws of the State of New Mexico</p>

CLIENT: Blagg Engineering
Work Order: 0601220
Project: Armenta GC A #1

ANALYTICAL QC SUMMARY REPORT

TestCode: 300_S

Sample ID: MB-9637	SampType: MBLK	TestCode: 300_S	Units: mg/Kg	Prep Date: 1/24/2006	RunNo: 18033						
Client ID: ZZZZZ	Batch ID: 9637	TestNo: E300		Analysis Date: 1/24/2006	SeqNo: 444383						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	ND	0.30									

Sample ID: LCS-9637	SampType: LCS	TestCode: 300_S	Units: mg/Kg	Prep Date: 1/24/2006	RunNo: 18033						
Client ID ZZZZZ	Batch ID: 9637	TestNo: E300		Analysis Date: 1/24/2006	SeqNo: 444384						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	ND	0.30		0	0	90	110				

2 / 5

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Blagg Engineering
 Work Order: 0601220
 Project: Armenta GC A #1

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015DRO_S

Sample ID: MB-9628	SampType: MBLK	TestCode: 8015DRO_S	Units: mg/Kg	Prep Date: 1/23/2006	RunNo: 17998						
Client ID: ZZZZZ	Batch ID: 9628	TestNo: SW8015		Analysis Date: 1/23/2006	SeqNo: 442895						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel Range Organics (DRO)
 Motor Oil Range Organics (MRO)

ND
 ND

10
 50

Sample ID	LCS-9628	SampType	LCS	TestCode	8015DRO_S	Units	mg/Kg	Prep Date	1/23/2006	RunNo	17998		
Client ID	ZZZZZ	Batch ID	9628	TestNo	SW8015			Analysis Date	1/23/2006	SeqNo	442896		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel Range Organics (DRO)

42.58

10

50

0

85.2

67.4

117

Sample ID: LCSD-9628	SampType: LCSD	TestCode: 8015DRO_S	Units: mg/Kg	Prep Date: 1/23/2006	RunNo: 17998						
Client ID: ZZZZZ	Batch ID: 9628	TestNo: SW8015		Analysis Date: 1/23/2006	SeqNo: 442897						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel Range Organics (DRO)

42.32

10

50

0

84.6

67.4

117

42.58

0.627

17.4

Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

CLIENT: Blagg Engineering
 Work Order: 0601220
 Project: Armenta GC A #1

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GRO_S

Sample ID: MB-9631	SampType: MBLK	TestCode: 8015GRO_S	Units: mg/Kg	Prep Date: 1/23/2006	RunNo: 18031						
Client ID ZZZZZ	Batch ID: 9631	TestNo: SW8015	(SW5035)	Analysis Date: 1/25/2006	SeqNo: 444139						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline Range Organics (GRO) ND 5.0

Sample ID: 5ML RB	SampType: MBLK	TestCode: 8015GRO_S	Units: mg/Kg	Prep Date: 1/23/2006	RunNo: 18092						
Client ID: ZZZZZ	Batch ID: 9631	TestNo: SW8015	(SW5035)	Analysis Date: 1/30/2006	SeqNo 445970						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline Range Organics (GRO) ND 5.0

Sample ID: LCS-9631	SampType: LCS	TestCode: 8015GRO_S	Units: mg/Kg	Prep Date: 1/23/2006	RunNo: 18031						
Client ID ZZZZZ	Batch ID: 9631	TestNo: SW8015	(SW5035)	Analysis Date: 1/25/2006	SeqNo: 444140						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline Range Organics (GRO) 23.40 5.0 25 0 93.6 84 120

Sample ID: 2.5UG GRO LCS	SampType: LCS	TestCode: 8015GRO_S	Units: mg/Kg	Prep Date:	RunNo: 18092						
Client ID: ZZZZZ	Batch ID: 9631	TestNo: SW8015	(SW5035)	Analysis Date: 1/30/2006	SeqNo: 445971						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline Range Organics (GRO) 26.70 5.0 25 0 107 84 120

Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory

Sample Receipt Checklist

Client Name **BLAGG**

Date and Time Received:

1/23/2006

Work Order Number **0601220**

Received by **GLS**

Checklist completed by

Signature

Date

Matrix

Carrier name **Greyhound**

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Not Shipped <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>	
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Water - VOA vials have zero headspace?	No VOA vials submitted <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	
Container/Temp Blank temperature?	18°	4° C ± 2 Acceptable If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments _____

Corrective Action _____