

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>XTO ENERGY INC.</u> Telephone: <u>(505)-324-1090</u> e-mail address: _____		
Address: <u>2700 FARMINGTON AVE.. BLDG. K. SUITE 1. FARMINGTON. NM 87401</u>		
Facility or well name: <u>ABRAMS GC D #1</u> API #: <u>30-045- 07822</u> U/L or Qtr/Qtr <u>I</u> Sec <u>29</u> T <u>29N</u> R <u>10W</u>		
County: <u>SAN JUAN</u> Latitude <u>36.69441</u> Longitude <u>108.90222</u> 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"/>		
<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> <u>DEHYDRATOR</u> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> <u>FIBERGLASS TANK</u> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: <u>N/A</u> 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) <b>20</b>
	100 feet or more	( 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	( 0 points) <b>0</b>
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) <b>0</b>
	1000 feet or more	( 0 points)
<b>Ranking Score (Total Points)</b>		<b>20</b>

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 ENVIROTECH LF # 2 (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: <b>PIT LOCATED APPROXIMATELY 87 FT. N89E FROM ABRAMS J # 1 WELL HEAD.</b>	
<b>PIT EXCAVATION: WIDTH 10 ft., LENGTH 10 ft., DEPTH 13 ft.</b>	
<b>PIT REMEDIATION: CLOSE AS IS: <input type="checkbox"/>, LANDFARM: <input checked="" type="checkbox"/>, COMPOST: <input type="checkbox"/>, STOCKPILE: <input type="checkbox"/>, OTHER <input type="checkbox"/> (explain)</b>	
Cubic yards: <b>40+</b>	<b>ROYD JUL 13 2007</b> <b>OIL CONG. DIV.</b> <b>DIST. 3</b>


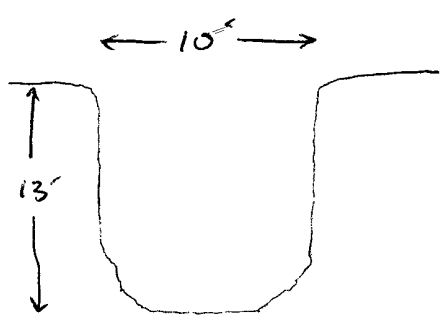
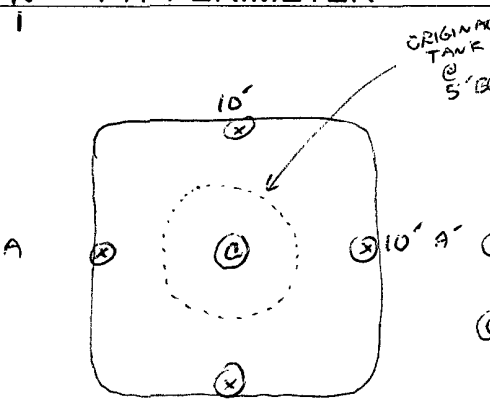
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an alternative OCD-approved plan ☒.

Date: 03/24/06

Printed Name/Title Jeff Blagg – P.E. # 11607 Signature Jeff 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: Deputy Oil & Gas Inspector,  
Printed Name/Title District #3 Signature [Signature] Date: JUL 24 2007

CLIENT: <u>XTO</u>	<b>BLAGG ENGINEERING, INC.</b> <b>P.O. BOX 87, BLOOMFIELD, NM 87413</b> <b>(505) 632-1199</b>	LOCATION NO: <u>CT162</u> COCR NO: <u>HALL</u>																																																																
<b>FIELD REPORT: PIT CLOSURE VERIFICATION</b>		PAGE No: <u>1</u> of <u>1</u>																																																																
LOCATION: NAME: <u>ABRAMS GC D</u> WELL #: <u>1</u> TYPE: <u>DEHM</u> QUAD/UNIT: <u>I</u> SEC: <u>29</u> TWP: <u>29N</u> RNG: <u>10W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1650 FSL x 990 FEL</u> CONTRACTOR: <u>HDI (FERNANDO)</u>		DATE STARTED <u>12-19-05</u> DATE FINISHED <u>12-19-05</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>																																																																
EXCAVATION APPROX. <u>10</u> FT. x <u>10</u> FT. x <u>13</u> FT. DEEP. CUBIC YARDAGE: <u>40 ±</u>																																																																		
DISPOSAL FACILITY: <u>ENVIROTECH LANDFARM</u> REMEDIATION METHOD: <u>EXCAVATE</u>																																																																		
LAND USE: <u>RANCH - PRIVATE SURFACE</u> LEASE: <u>FEE</u> FORMATION: <u>PC</u>																																																																		
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>87</u> FT. <u>N89E</u> FROM WELLHEAD:																																																																		
DEPTH TO GROUNDWATER: <u>&lt;50</u> NEAREST WATER SOURCE: <u>&gt;1000</u> NEAREST SURFACE WATER: <u>&lt;200' NW</u> NMOC D RANKING SCORE: <u>307</u> NMOC D TPH CLOSURE STD: <u>100</u> PPM <u>7000'</u> <u>20</u> ABRAMS J1																																																																		
SOIL AND EXCAVATION DESCRIPTION: <div style="float: right; border: 1px solid black; padding: 5px; margin-top: 10px;">           OVM CALIB. READ. = <u>52.6</u> ppm            OVM CALIB. GAS = <u>10.5</u> ppm RF = <u>0.52</u>            TIME: <u>1500</u> am/pm DATE <u>12/19/05</u> </div>																																																																		
SOIL TYPE: <u>(SAND)</u> SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: _____ COHESION (ALL OTHERS): <u>(NON COHESIVE)</u> SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>(LOOSE)</u> 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 / <u>(SLIGHTLY MOIST)</u> MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>(YES)</u> NO EXPLANATION - <u>5'-10' Below Grade - Just under Tank (Removed)</u> HC ODOR DETECTED: <u>(YES)</u> NO EXPLANATION - <u>MIXED</u> SAMPLE TYPE <u>(GRAB)</u> COMPOSITE - # OF PTS _____ ADDITIONAL COMMENTS: <u>6" DIA x 6" TALL FIBERGLASS TANK Set 5' INTO GROUND.</u> <u>USE BACKHOE TO PULL TANK - LITE STEIN IMMEDIATELY Below TANK TO ~10' Below.</u> <u>EXCAVATE IMPACTED SOILS TO 13' BG.</u>																																																																		
FIELD 418.1 CALCULATIONS																																																																		
SCALE  0 10 FT	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMP. TIME</th> <th>SAMP. ID</th> <th>LAB NO.</th> <th>WEIGHT (g)</th> <th>mL FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. (ppm)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																																									PIT PROFILE 
SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																																											
PIT PERIMETER 	OVM READING <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE (ppm)</th> </tr> </thead> <tbody> <tr><td>1 @</td><td> </td></tr> <tr><td>2 @</td><td> </td></tr> <tr><td>3 @</td><td> </td></tr> <tr><td>4 @</td><td> </td></tr> <tr><td>5 @</td><td> </td></tr> <tr><td>4 POINT</td><td>0.0</td></tr> <tr><td>SIDEWALK @ 6'</td><td> </td></tr> <tr><td>C @ 13'</td><td>7.1</td></tr> </tbody> </table>	SAMPLE ID	FIELD HEADSPACE (ppm)	1 @		2 @		3 @		4 @		5 @		4 POINT	0.0	SIDEWALK @ 6'		C @ 13'	7.1	LAB SAMPLES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> </thead> <tbody> <tr><td>C @ 13'</td><td>TPH</td><td>1421</td></tr> <tr><td> </td><td>BTEX</td><td> </td></tr> <tr><td> </td><td>CL-</td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	SAMPLE ID	ANALYSIS	TIME	C @ 13'	TPH	1421		BTEX			CL-																																			
SAMPLE ID	FIELD HEADSPACE (ppm)																																																																	
1 @																																																																		
2 @																																																																		
3 @																																																																		
4 @																																																																		
5 @																																																																		
4 POINT	0.0																																																																	
SIDEWALK @ 6'																																																																		
C @ 13'	7.1																																																																	
SAMPLE ID	ANALYSIS	TIME																																																																
C @ 13'	TPH	1421																																																																
	BTEX																																																																	
	CL-																																																																	
P.D = PIT DEPRESSION, B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE, ~ = APPROX.; T.B. = TANK BOTTOM																																																																		
TRAVEL NOTES: CALLOUT: _____ ONSITE: <u>12/19/05</u>																																																																		

# Hall Environmental Analysis Laboratory

Date: 05-Jan-06

CLIENT: Blagg Engineering  
Lab Order: 0512290  
Project: Abrams GC D#1  
Lab ID: 0512290-01

Client Sample ID: C@13'-Dehydrator Pit  
Collection Date: 12/19/2005 2:21:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 9056A: ANIONS</b>						
Chloride	5.4	0.30		mg/kg	1	1/3/2006
<b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b>						
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/28/2005 3:22:47 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/28/2005 3:22:47 PM
Surr: DNOP	97.4	60-124		%REC	1	12/28/2005 3:22:47 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/28/2005 3:53:09 PM
Surr: BFB	111	83.1-124		%REC	1	12/28/2005 3:53:09 PM
<b>EPA METHOD 8021B: VOLATILES</b>						
Benzene	ND	0.025		mg/Kg	1	12/28/2005 3:53:09 PM
Toluene	ND	0.025		mg/Kg	1	12/28/2005 3:53:09 PM
Ethylbenzene	ND	0.025		mg/Kg	1	12/28/2005 3:53:09 PM
Xylenes, Total	ND	0.025		mg/Kg	1	12/28/2005 3:53:09 PM
Surr: 4-Bromofluorobenzene	106	87.5-115		%REC	1	12/28/2005 3:53:09 PM

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

4901 Hawkins NE, Suite D  
Albuquerque, New Mexico 87109  
Tel. 505.345.3975 Fax 505.345.4107  
[www.hallenvironmental.com](http://www.hallenvironmental.com)

NELAC  USACE 

Received By: (Signature) 06/16/25

## 1. DEFINITIONS

- 11 "Acceptance of a sample" means the determination of HEAL to proceed with work following receipt and inspection of such sample
- 12 "Customer" means the individual or entity who may request laboratory services and his or its heirs, successors, assigns, and representatives
- 13 HEAL means Hall Environmental Analysis Laboratory its employees, servants, agents, and representative
- 14 "Price schedule" means HEAL'S standard price schedule, as such, document may be amended from time to time by HEAL
- 15 "Results" mean data generated by HEAL from the analysis of one or more samples
- 16 "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

## 2. ORDERS

- 21 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
- 22 Any order placed by the Customer under Section 2.1 is subject to a minimum cancellation charge of \$250

## 3. PAYMENT TERMS

- 31 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
- 32 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
- 33 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

## 4. RECEIPT OF SAMPLES AND DELIVERY OF SERVICES

- 41 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
- 42 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
- 43 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

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

- 44 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
- 45 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

## 5. WARRANTIES, LIABILITY AND INDEMNIFICATION

- 51 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
- 52 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
- 53 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
- 54 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
- 55 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
- 56 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

- 57 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

- 58 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

## 6. ENTIRE AGREEMENT; SEVERABILITY

- 61 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
- 62 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

## 7. AMENDMENTS AND WAIVERS

- 71 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 any 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
- 72 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

## 8. SAMPLE STORAGE

- 81 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. Normally 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

## 9. SECTION HEADING

- 91 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

## 10. GOVERNING LAW

- 101 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

## Hall Environmental Analysis Laboratory

Date: 05-Jan-06

CLIENT: Blagg Engineering

Work Order: 0512290

Project: Abrams GC D#1

## QC SUMMARY REPORT

Method Blank

Sample ID	MB-9478	Batch ID	9478	Test Code:	E300	Units:	mg/kg	Analysis Date:	12/30/2005	Prep Date	12/29/2005	
Client ID		Run ID:	LC_051230A	SeqNo:	436877							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride		ND	0.3									

Sample ID	MB-9454	Batch ID	9454	Test Code	SW8015	Units:	mg/Kg	Analysis Date:	12/23/2005 11:47:02 A	Prep Date:	12/23/2005	
Client ID		Run ID:	FID(17A) 2_051223A	SeqNo:	435630							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)		ND	10									
Motor Oil Range Organics (MRO)		ND	50									
Surr DNOP		10.26	0	10	0	103	60	124	0			

Sample ID	mb-9464	Batch ID	9464	Test Code:	SW8015	Units:	mg/Kg	Analysis Date:	12/28/2005 11:18:15 A	Prep Date	12/27/2005	
Client ID		Run ID:	PIDFID_051228A	SeqNo	436202							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)		ND	5									
Surr BFB		1116	0	1000	0	112	83.1	124	0			

Sample ID	mb-9464	Batch ID	9464	Test Code:	SW8021	Units:	mg/Kg	Analysis Date:	12/28/2005 11:18:15 A	Prep Date	12/27/2005	
Client ID		Run ID:	PIDFID_051228A	SeqNo:	436190							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene		ND	0.025									
Toluene		ND	0.025									
Ethylbenzene		ND	0.025									
Xylenes, Total		ND	0.025									
Surr 4-Bromofluorobenzene		1.064	0	1	0	106	87.5	115	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

## Hall Environmental Analysis Laboratory

Date: 05-Jan-06

CLIENT: Blagg Engineering

Work Order: 0512290

Project: Abrams GC D#1

## QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID: LCS-9478	Batch ID: 9478	Test Code: E300	Units: mg/kg			Analysis Date: 12/30/2005			Prep Date: 12/29/2005		
Client ID:		Run ID: LC_051230A				SeqNo: 436878					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	14.09	0.3	15	0	93.9	90	110	0			

Sample ID: LCS-9454	Batch ID: 9454	Test Code: SW8015	Units: mg/Kg			Analysis Date: 12/23/2005 12:19:49 P			Prep Date: 12/23/2005		
Client ID		Run ID: FID(17A) 2_051223A				SeqNo: 435631					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50.18	10	50	0	100	67.4	117	0			

Sample ID: LCSD-9454	Batch ID: 9454	Test Code: SW8015	Units: mg/Kg			Analysis Date: 12/23/2005 12:52:37 P			Prep Date: 12/23/2005		
Client ID		Run ID: FID(17A) 2_051223A				SeqNo: 435632					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48.11	10	50	0	96.2	67.4	117	50.18	4.22	17.4	

Sample ID: LCS-9464	Batch ID: 9464	Test Code: SW8015	Units: mg/Kg			Analysis Date: 12/28/2005 11:48:43 A			Prep Date: 12/27/2005		
Client ID		Run ID: PIDFID_051228A				SeqNo: 436203					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27.56	5	25	0	110	84	120	0			

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

/

**CLIENT:** Blagg Engineering  
**Work Order:** 0512290  
**Project:** Abrams GC D#1

## QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID: <b>lcs-9464</b>	Batch ID: <b>9464</b>	Test Code: <b>SW8021</b>	Units: <b>mg/Kg</b>	Analysis Date: <b>12/28/2005 11:48:43 A</b>				Prep Date: <b>12/27/2005</b>			
Client ID:		Run ID	<b>PIDFID_051228A</b>		SeqNo:		<b>436191</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.411	0.025	0.42	0	97.9	85.6	116	0			
Toluene	2.123	0.025	1.9	0	112	82.4	120	0			
Ethylbenzene	0.4164	0.025	0.41	0	102	86.4	111	0			
Xylenes, Total	2.092	0.025	1.9	0	110	78.4	125	0			

4 / 5

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits



# Hall Environmental Analysis Laboratory

## Sample Receipt Checklist

Client Name **BLAGG**

Date and Time Received

12/21/2005

Work Order Number **0512290**

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 type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" 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?

6°

4° C ± 2 Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted \_\_\_\_\_ Date contacted \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by \_\_\_\_\_ Regarding \_\_\_\_\_

Comments \_\_\_\_\_

Corrective Action \_\_\_\_\_