

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

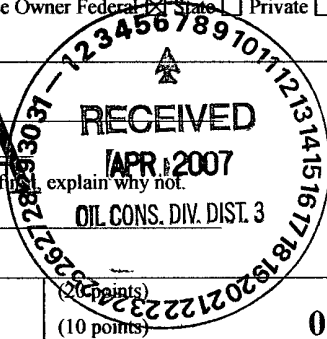
Form C-144
June 1, 2004

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: 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: HUBBELL GC B #1 API #: 30-045- 07120 U/L or Qtr/Qtr M Sec 30 T 28N R 10W			
County: SAN JUAN Latitude 36.62871 Longitude 107.94264 NAD: 1927 <input type="checkbox"/> 1983 <input checked="" 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 type="checkbox"/> Disposal <input checked="" type="checkbox"/> BLOW 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 _____ bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If yes, 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 (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 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 (0 points)		0
Ranking Score (Total Points)			0

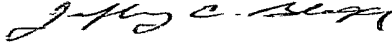
If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☒ If offsite, name of facility **HUBBELL GC C #1 (N-29-28-10)**. (3) Attach a 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.

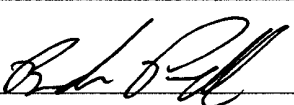
Additional Comments: PIT LOCATED APPROXIMATELY 204 FT. N83W FROM WELL HEAD.
PIT EXCAVATION: WIDTH 35 ft., LENGTH 35 ft., DEPTH 3 ft.
PIT REMEDIATION: CLOSE AS IS: <input type="checkbox"/>, LANDFARM: <input checked="" type="checkbox"/>, COMPOST: <input type="checkbox"/>, STOCKPILE: <input type="checkbox"/>, OTHER <input type="checkbox"/> (explain)
Cubic yards: 20
BEDROCK BOTTOM

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: **10/28/04**

Printed Name/Title **Jeff Blagg – P.E. # 11607** 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, District #3**
Printed Name/Title _____ Signature  Date: **SEP 10 2007**

30045 07120

36.62871/107.94264

CLIENT.

XTO

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

LOCATION NO: CT109

COCR NO: HALL

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: HUBBELL GC B WELL # 1 TYPE: BLOW

QUAD/UNIT. M SEC: 30 TWP: 28N RNG: 10W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: 955'S/1045'W SW/5W CONTRACTOR: KELSO (MIKE)

DATE STARTED 10/26/04

DATE FINISHED:

ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. 35 FT. x 35 FT. x 3 FT. DEEP. CUBIC YARDAGE: 20

DISPOSAL FACILITY: HUBBELL GC C#1 (N-29-28-10) REMEDIATION METHOD: LANDFARM

LAND USE: RANGE-BLM LEASE: SF 078715 FORMATION: OK

FIELD NOTES & REMARKS:

PIT LOCATED APPROXIMATELY 204 FT. N 83 W FROM WELLHEAD.

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

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

SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. = 53.6 ppm
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME: 19:55 1 am/pm DATE: 10/25/04

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE).

SOIL COLOR: PALE YELL. ORANGE TO BLACK

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: ENTIRE TEST HOLE INTERVAL (OK, GRAY TO BLACK)

HC ODOR DETECTED: YES NO EXPLANATION: TEST HOLE & OVM SAMPLE.

SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 1

ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM IMPACTED SOIL ABOVE BEDROCK. BEDROCK EXPOSED @ GROUND SURFACE SOUTH OF PIT. PIT LOCATED BETWEEN 2 SURFACE DRAINAGES NORTHWEST & NORTHEAST DIRECTIONS.

SCALE

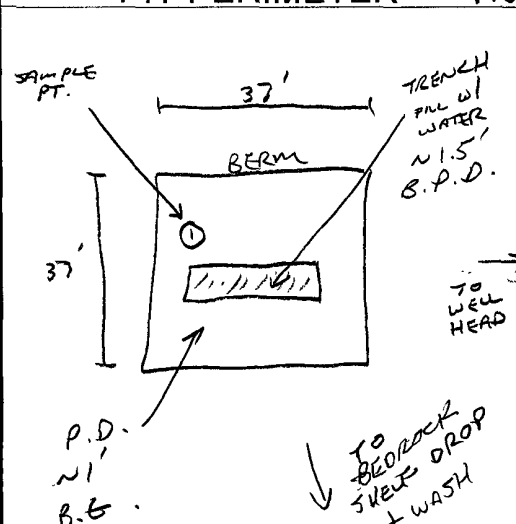
0 FT

FIELD 418.1 CALCULATIONS

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

PIT PERIMETER

N

PIT PROFILE**OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 2	179.2
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 2	TPH (80158)	1425
"	BTEX (80218)	"
BOTH PASSED		

NOT APPLICABLE

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

TRAVEL NOTES:

CALLOUT: 10/26/04 - AFTER. ONSITE:

Hall Environmental Analysis Laboratory

Date: 03-Nov-04

CLIENT: Blagg Engineering

Client Sample ID: 1 @ 2'

Lab Order: 0410259

Collection Date: 10/26/2004 2:25:00 PM

Project: Hubbell GC B#1

Lab ID: 0410259-01

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: JMP
Diesel Range Organics (DRO)	750	100		mg/Kg	10	10/28/2004 7:29:17 PM
Motor Oil Range Organics (MRO)	720	500		mg/Kg	10	10/28/2004 7:29:17 PM
Surr: DNOP	0	60-124	S	%REC	10	10/28/2004 7:29:17 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	110	25		mg/Kg	5	11/2/2004 6:14:26 PM
Surr: BFB	111	74-118		%REC	5	11/2/2004 6:14:26 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	0.25	0.13		mg/Kg	5	11/2/2004 6:14:26 PM
Toluene	0.16	0.13		mg/Kg	5	11/2/2004 6:14:26 PM
Ethylbenzene	1.3	0.13		mg/Kg	5	11/2/2004 6:14:26 PM
Xylenes, Total	14	0.13		mg/Kg	5	11/2/2004 6:14:26 PM
Surr: 4-Bromofluorobenzene	113	74-118		%REC	5	11/2/2004 6:14:26 PM

TOTAL TPH = 1,580 ppm

TOTAL BTEX = 15.71 ppm

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

Hall Environmental Analysis Laboratory

Date: 24-Nov-04

CLIENT: Blagg Engineering
Lab Order: 0411204
Project: Hubbell GC B#1
Lab ID: 0411204-01

Client Sample ID: S.S FACE #1
Collection Date: 11/17/2004 3:00:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: JMP
Diesel Range Organics (DRO)	9700	100		mg/Kg	10	11/23/2004 9:28:41 AM
Motor Oil Range Organics (MRO)	4400	500		mg/Kg	10	11/23/2004 9:28:41 AM
Surr: DNOP	0	60-124	S	%REC	10	11/23/2004 9:28:41 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	130	100		mg/Kg	20	11/23/2004 1:37:18 PM
Surr: BFB	109	74-118		%REC	20	11/23/2004 1:37:18 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.50		mg/Kg	20	11/23/2004 1:37:18 PM
Toluene	2.1	0.50		mg/Kg	20	11/23/2004 1:37:18 PM
Ethylbenzene	1.3	0.50		mg/Kg	20	11/23/2004 1:37:18 PM
Xylenes, Total	14	0.50		mg/Kg	20	11/23/2004 1:37:18 PM
Surr: 4-Bromofluorobenzene	109	74-118		%REC	20	11/23/2004 1:37:18 PM

TGT. TPH = 14,230 ppm

TOT. BTEX = 17.4 ppm

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

Hall Environmental Analysis Laboratory

Date: 24-Nov-04

CLIENT: Blagg Engineering
Lab Order: 0411204
Project: Hubbell GC B#1
Lab ID: 0411204-02

Client Sample ID: WASH-50' (1.5')
Collection Date: 11/17/2004 3:07:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: JMP
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/23/2004 3:59:38 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/23/2004 3:59:38 AM
Surr: DNOP	83.8	60-124		%REC	1	11/23/2004 3:59:38 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2004 2:07:34 PM
Surr: BFB	101	74-118		%REC	1	11/23/2004 2:07:34 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/23/2004 2:07:34 PM
Toluene	ND	0.025		mg/Kg	1	11/23/2004 2:07:34 PM
Ethylbenzene	ND	0.025		mg/Kg	1	11/23/2004 2:07:34 PM
Xylenes, Total	ND	0.025		mg/Kg	1	11/23/2004 2:07:34 PM
Surr: 4-Bromofluorobenzene	98.1	74-118		%REC	1	11/23/2004 2:07:34 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

Hall Environmental Analysis Laboratory

Date: 24-Nov-04

CLIENT: Blagg Engineering
Lab Order: 0411204
Project: Hubbell GC B#1
Lab ID: 0411204-03

Client Sample ID: WASH-100' (1')
Collection Date: 11/17/2004 3:18:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: JMP
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/23/2004 4:32:34 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/23/2004 4:32:34 AM
Surr: DNOP	110	60-124		%REC	1	11/23/2004 4:32:34 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/23/2004 2:37:34 PM
Surr: BFB	100	74-118		%REC	1	11/23/2004 2:37:34 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	11/23/2004 2:37:34 PM
Toluene	ND	0.025		mg/Kg	1	11/23/2004 2:37:34 PM
Ethylbenzene	ND	0.025		mg/Kg	1	11/23/2004 2:37:34 PM
Xylenes, Total	ND	0.025		mg/Kg	1	11/23/2004 2:37:34 PM
Surr: 4-Bromofluorobenzene	99.1	74-118		%REC	1	11/23/2004 2:37:34 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

Client: BLAGG ENR. / XTO ENERGY

Address: P.O. Box 87
BLFD., NM 87413

Phone #: 505-632-1199
Fax #: 505-632-3903

Accreditation Applied

NELAC ☐ USACE ☐

Other:

Project Name: HUBBELL GC B #1

Project #:

Project Manager:

Sampler: *NTV*

Sample Temperature: 20

Date _____

Time

Matrix

Sample I.D. No.

Number/Volume

Preservative

HEAL No.

 HgCl_2 HNO_3

cool

HEAL No. 0410K20

BTEX

BTEX -

ТРИ М

TPH (N

EDB (N)

EDC (N

83100

RCRA 8

Anions

8081 F

8260E

82700

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1

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1

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

Remarks:

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

1. DEFINITIONS

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

2. ORDERS

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

3. PAYMENT TERMS

- 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
- 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.
- 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

4. RECEIPT OF SAMPLES AND DELIVERY OF SERVICES

- 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.
- 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
- 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

methodologies, if necessary, 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

- 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
- 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

5. WARRANTIES, LIABILITY AND INDEMNIFICATION

- 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.
- 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
- 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.
- 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
- 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
- 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.

- 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

- 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

6. ENTIRE AGREEMENT: SEVERABILITY

- 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

- 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

7. AMENDMENTS AND WAIVERS

- 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 and 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
- 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

8. SAMPLE STORAGE

- 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. 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

- 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

10. GOVERNING LAW

- 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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.3411
www.hallenvironmental.com

Other:

Project Name:

HUBBELL GC B #1

Address: P.O. Box 87

BLFD, nm 87413

Project Manager:

25

Phone #: 505-632-1199

Fax #: 505-632-3903

Sample I.D. No.

Number/Volume

Preservative

HEAL No.

11/17/04	1500	5012	S.S. FACE #1
----------	------	------	--------------

11/17/04	1507	5012	WASH-50 (1.5')
----------	------	------	----------------

11/17/04	1518	501/2	WASH-100 (1')
----------	------	-------	---------------

Date:	11/18/04	Time:	0700	Relinquished By: (Signature)	<i>[Signature]</i>
Date:		Time:		Relinquished By: (Signature)	

Received By: (Signature) *[Signature]*

Remarks:

ANALYSIS REQUEST

[illegible]

Received By: (Signature)	<i>Pennales</i>	11/9/01
Received By: (Signature)		1/6/00

1. DEFINITIONS

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

2. ORDERS

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

3. PAYMENT TERMS

- 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
- 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
- 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

4. RECEIPT OF SAMPLES AND DELIVERY OF SERVICES

- 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.
- 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
- 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

methodologies, if necessary, 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

- 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
- 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

5. WARRANTIES, LIABILITY AND INDEMNIFICATION

- 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
- 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
- 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
- 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
- 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.
- 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.

- 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

- 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

6. ENTIRE AGREEMENT: SEVERABILITY

- 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
- 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.

7. AMENDMENTS AND WAIVERS

- 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 and 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
- 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

8. SAMPLE STORAGE

- 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. 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

- 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.

10. GOVERNING LAW

- 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

Hall Environmental Analysis Laboratory

Date: 03-Nov-04

CLIENT: Blagg Engineering
Work Order: 0410259
Project: Hubbell GC B#1

QC SUMMARY REPORT

Method Blank

Sample ID	MB-6748	Batch ID:	6748	Test Code:	SW8015	Units:	mg/Kg	Analysis Date	10/28/2004 5:30:15 PM	Prep Date	10/28/2004
Client ID:		Run ID:	FID(17A) 2_041028A	SeqNo:	316414						
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	9.517	0	10	0	95.2	60	124	0			

Sample ID	MB-6745	Batch ID:	6745	Test Code:	SW8015	Units:	mg/Kg	Analysis Date	10/29/2004 11:29:54 A	Prep Date	10/28/2004
Client ID:		Run ID:	PIDFID_041029A	SeqNo:	316482						
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	1020	0	1000	0	102	74	118	0			

Sample ID	MB-6745	Batch ID:	6745	Test Code:	SW8021	Units:	mg/Kg	Analysis Date	10/29/2004 11:29:54 A	Prep Date	10/28/2004
Client ID:		Run ID:	PIDFID_041029A	SeqNo:	317037						
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	0.9979	0	1	0	99.8	74	118	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: 03-Nov-04

CLIENT: Blagg Engineering
Work Order: 0410259
Project: Hubbell GC B#1

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID	LCS-6748	Batch ID: 6748	Test Code: SW8015	Units: mg/Kg	Analysis Date	10/28/2004 6:29:56 PM	Prep Date	10/28/2004			
Client ID:			Run ID: FID(17A) 2_041028A		SeqNo:	316416					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48.53	10	50	0	97.1	67.4	117	0			

Sample ID	LCSD-6748	Batch ID: 6748	Test Code: SW8015	Units: mg/Kg	Analysis Date	10/28/2004 6:59:45 PM	Prep Date	10/28/2004			
Client ID:			Run ID: FID(17A) 2_041028A		SeqNo:	316417					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46.76	10	50	0	93.5	67.4	117	48.53	3.71	17.4	

Sample ID	LCS-6745	Batch ID: 6745	Test Code: SW8015	Units: mg/Kg	Analysis Date	10/29/2004 11:59:44 A	Prep Date	10/28/2004			
Client ID:			Run ID: PIDFID_041029A		SeqNo:	316484					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25.05	5	25	0	100	73.8	120	0			

Sample ID	LCSD-6745	Batch ID: 6745	Test Code: SW8015	Units: mg/Kg	Analysis Date	10/29/2004 12:29:30 P	Prep Date	10/28/2004			
Client ID:			Run ID: PIDFID_041029A		SeqNo:	316485					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27.14	5	25	0	109	73.8	120	0			

Sample ID	GRO std 2.5ug	Batch ID: 6745	Test Code: SW8015	Units: mg/Kg	Analysis Date	11/3/2004 1:10:25 AM	Prep Date				
Client ID:			Run ID: PIDFID_041102A		SeqNo:	317005					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26.01	5	25	0	104	73.8	120	0			

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

CLIENT: Blagg Engineering
Work Order: 0410259
Project: Hubbell GC B#1

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID	BTEX std 100ng	Batch ID:	6745	Test Code:	SW8021	Units:	mg/Kg	Analysis Date	11/2/2004 8:13:14 PM	Prep Date	
Client ID:		Run ID:	PIDFID_041102A	SeqNo:	317035						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.9958	0.025	1	0	99.6	77	122	0			
Toluene	0.9866	0.025	1	0	98.7	81	115	0			
Ethylbenzene	1.011	0.025	1	0	101	84	117	0			
Xylenes, Total	3.042	0.025	3	0	101	84	116	0			

Sample ID	LCS-6745	Batch ID:	6745	Test Code:	SW8021	Units:	mg/Kg	Analysis Date	10/29/2004 11:59:44 A	Prep Date	10/28/2004
Client ID:		Run ID:	PIDFID_041029A	SeqNo:	317038						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.414	0.025	0.42	0	98.6	77	122	0			
Toluene	1.832	0.025	1.9	0	96.4	81	115	0			
Ethylbenzene	0.3835	0.025	0.41	0	93.5	84	117	0			
Xylenes, Total	1.839	0.025	1.9	0	96.8	84	116	0			

Sample ID	LCSD-6745	Batch ID:	6745	Test Code:	SW8021	Units:	mg/Kg	Analysis Date	10/29/2004 12:29:30 P	Prep Date	10/28/2004
Client ID:		Run ID:	PIDFID_041029A	SeqNo:	317039						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.4182	0.025	0.42	0	99.6	77	122	0.414	1.02	27	
Toluene	1.843	0.025	1.9	0	97.0	81	115	1.832	0.634	19	
Ethylbenzene	0.3933	0.025	0.41	0	95.9	84	117	0.3835	2.52	10	
Xylenes, Total	1.883	0.025	1.9	0	99.1	84	116	1.839	2.41	13	

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:

Work Order Number **0410259**

Received by **AMG**

Checklist completed by

Signature

Date

Matrix

Carrier name Greyhound

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Custody seals intact on shipping container/cooler?

Yes ☐

No ☐

Not Present ☒

Not Shipped ☐

Custody seals intact on sample bottles?

Yes ☐

No ☐

N/A ☒

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Water - VOA vials have zero headspace?

No VOA vials submitted ☒

Yes ☐

No ☐

Water - pH acceptable upon receipt?

Yes ☐

No ☐

N/A ☒

Container/Temp Blank temperature?

2°

4° C ± 2 Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding

Comments:

Corrective Action

Hall Environmental Analysis Laboratory

Date: 03-Nov-04

CLIENT: Blagg Engineering

Project: Hubbell GC B#1

Lab Order: 0410259

CASE NARRATIVE

Analytical Comments for METHOD 8015DRO_S, SAMPLE 0410259-01A: Surrogate not recovered due to dilution.

Hall Environmental Analysis Laboratory

Date: 24-Nov-04

CLIENT: Blagg Engineering
Work Order: 0411204
Project: Hubbell GC B#1

QC SUMMARY REPORT

Method Blank

Sample ID	MB-6932	Batch ID: 6932	Test Code: SW8015	Units: mg/Kg	Analysis Date	11/22/2004 11:38:47 P	Prep Date	11/19/2004			
Client ID:			Run ID: FID(17A) 2_041122A		SeqNo:	322613					
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	9.924	0	10	0	99.2	60	124	0			

Sample ID	MB-6930	Batch ID: 6930	Test Code: SW8015	Units: mg/Kg	Analysis Date	11/23/2004 12:37:21 P	Prep Date	11/19/2004			
Client ID:			Run ID: PIDFID_041123A		SeqNo:	322896					
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	1030	0	1000	0	103	74	118	0			

Sample ID	MB-6930	Batch ID: 6930	Test Code: SW8021	Units: mg/Kg	Analysis Date	11/23/2004 12:37:21 P	Prep Date	11/19/2004			
Client ID:			Run ID: PIDFID_041123A		SeqNo:	322790					
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	0.9942	0	1	0	99.4	74	118	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: 24-Nov-04

CLIENT: Blagg Engineering

Work Order: 0411204

Project: Hubbell GC B#1

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID	0411204-03a ms	Batch ID:	6930	Test Code:	SW8015	Units:	mg/Kg	Analysis Date	11/23/2004 11:07:00 P	Prep Date	11/19/2004
Client ID:	WASH-100' (1')	Run ID:	PIDFID_041123A	SeqNo:	322903						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23.65	5	25	0	94.6	73.8	120	0			
Surr: BFB	1048	0	1000	0	105	74	118	0			

Sample ID	0411204-03a msd	Batch ID:	6930	Test Code:	SW8015	Units:	mg/Kg	Analysis Date	11/24/2004 10:44:40 A	Prep Date	11/19/2004
Client ID:	WASH-100' (1')	Run ID:	PIDFID_041124A	SeqNo:	322969						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22.15	5	25	0	88.6	73.8	120	23.65	6.55	11.6	
Surr: BFB	1070	0	1000	0	107	74	118	1048	2.07	0	

Sample ID	0411204-03a ms	Batch ID:	6930	Test Code:	SW8021	Units:	mg/Kg	Analysis Date	11/23/2004 11:07:00 P	Prep Date	11/19/2004
Client ID:	WASH-100' (1')	Run ID:	PIDFID_041123A	SeqNo:	322894						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.4017	0.025	0.42	0	95.6	77	122	0			
Toluene	1.856	0.025	1.9	0	97.7	81	115	0			
Ethylbenzene	0.3812	0.025	0.41	0	93.0	84	117	0			
Xylenes, Total	1.794	0.025	1.9	0	94.4	84	116	0			
Surr: 4-Bromofluorobenzene	1.014	0	1	0	101	74	118	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: 0411204
Project: Hubbell GC B#1

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID	0411204-03a msd	Batch ID:	6930	Test Code:	SW8021	Units:	mg/Kg	Analysis Date	11/24/2004 10:44:40 A	Prep Date	11/19/2004
Client ID:	WASH-100' (1')	Run ID:	PIDFID_041124A	SeqNo:	322968						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.3779	0.025	0.42	0	90.0	77	122	0.4017	6.11	27	
Toluene	1.826	0.025	1.9	0	96.1	81	115	1.856	1.64	19	
Ethylbenzene	0.3879	0.025	0.41	0	94.6	84	117	0.3812	1.74	10	
Xylenes, Total	1.802	0.025	1.9	0	94.8	84	116	1.794	0.458	13	
Surr: 4-Bromofluorobenzene	0.9972	0	1	0	99.7	74	118	1.014	1.65	0	

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

Date: 24-Nov-04

CLIENT: Blagg Engineering
Work Order: 0411204
Project: Hubbell GC B#1

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID	LCS-6932	Batch ID: 6932	Test Code: SW8015	Units: mg/Kg	Analysis Date	11/23/2004 12:10:23 A	Prep Date	11/19/2004				
Client ID:			Run ID: FID(17A) 2_041122A		SeqNo:	322614						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)		49.93	10	50	0	99.9	67.4	117	0			

Sample ID	LCSD-6932	Batch ID: 6932	Test Code: SW8015	Units: mg/Kg	Analysis Date	11/23/2004 12:41:55 A	Prep Date	11/19/2004				
Client ID:			Run ID: FID(17A) 2_041122A		SeqNo:	322616						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)		53.55	10	50	0	107	67.4	117	49.93	6.99	17.4	

Sample ID	LCS-6930	Batch ID: 6930	Test Code: SW8015	Units: mg/Kg	Analysis Date	11/23/2004 1:07:20 PM	Prep Date	11/19/2004				
Client ID:			Run ID: PIDFID_041123A		SeqNo:	322897						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)		25.53	5	25	0	102	73.8	120	0			

Sample ID	LCS-6930	Batch ID: 6930	Test Code: SW8021	Units: mg/Kg	Analysis Date	11/23/2004 1:07:20 PM	Prep Date	11/19/2004			
Client ID:			Run ID: PIDFID_041123A		SeqNo:	322792					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.4318	0.025	0.42	0	103	77	122	0			
Toluene	2.009	0.025	1.9	0	106	81	115	0			
Ethylbenzene	0.4138	0.025	0.41	0	101	84	117	0			
Xylenes, Total	1.927	0.025	1.9	0	101	84	116	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

Sample Receipt Checklist

Client Name BLAGG

Date and Time Received.

11/18/2004

Work Order Number 0411204

Received by AMG

Checklist completed by

Bongalis 11/18/04
Signature Date

Matrix

Carrier name Greyhound

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Custody seals intact on shipping container/cooler?

Yes ☐

No ☐

Not Present ☒

Not Shipped ☐

Custody seals intact on sample bottles?

Yes ☐

No ☐

N/A ☒

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Water - VOA vials have zero headspace?

No VOA vials submitted ☒

Yes ☐

No ☐

Water - pH acceptable upon receipt?

Yes ☐

No ☐

N/A ☒

Container/Temp Blank temperature?

2°

4° C ± 2 Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

Hall Environmental Analysis Laboratory

Date: 24-Nov-04

CLIENT: Blagg Engineering
Project: Hubbell GC B#1
Lab Order: 0411204

CASE NARRATIVE

Analytical Comments for METHOD 8015DRO_S, SAMPLE 0411204-01A: Surrogate not recovered due to dilution.