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

NMOCD Original

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: Resource Development Technology LLC Telephone: (303) 716-3200 e-mail address: ras.rdt@mindspring.com
Address: P.O. Box 1020, Morrison, CO 80465
Facility or well name: **Rita Fed. Com. #4 API #: 30-039-23378 U/L or Qtr/Qtr: 1880' FNL & 1730' FWL, Unit 'F' of Sec. 8 T23N R6W**
County: Rio Arriba Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit	**Below-grade tank**
Type: Drilling ☐ Production ☒ Disposal ☐	Volume: 40 Bbl Type of fluid: Produced Fluids
Workover ☐ Emergency ☐	Construction material: Fiberglass Tank
Lined ☐ Unlined ☒	Double-walled, with leak detection? Yes ☐ If not, explain why not DIST. 3
Liner type: Synthetic ☐ Thickness ____mil Clay ☐	NO: The Fiberglass Tank was Improperly-Installed Below-Grade & was Removed.
Orig. Earthen Pit Volume EST 550 Bbl (Begun by Merrion)	
Improperly Installed Below-Grade Pit Volume: EST 390 Bbl.: 21x21x5	

RCVD MAY18'07
OIL CONS. DIV.

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points)	20
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points)	0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)	10
	Ranking Score (Total Points)		30

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite ☒ offsite ☐ If offsite, name of facility_____. (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: The original unlined earthen production pit (remediation begun by Merrion: 21' x 18' x 14' Deep) was completed re-excavated to 35' x 33' x 17 Deep. The excavation test was below the Site Standard (TPH < 100 PPM). The Improperly-Installed Below-Grade 40 Bbl. Fiberglass Water Tank was removed and a final excavation was made to 23' x 26' x 11' Deep. This excavation met the Site Standard. Both Excavations had 100# of Hi-N2 fertilizer placed on-bottom & were back-filled with clean fill from the BLM approved Rita Com. #2 Stock Pond. The Excavated Materials were fertilized & land-farmed. When the Low Land Farm had reached a TPH = 190 PPM it was removed to use as fill for the On-Site Excavations @ the Theodore Zink Fed. Com. #1 Tank-Shooting Incident Oil Spill (Site Standard TPH < 1000 PPM). The final test of the High Land Farm occurred on11/14/2006 at which time it met the Site Standard (TPH < 100 PPM).

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

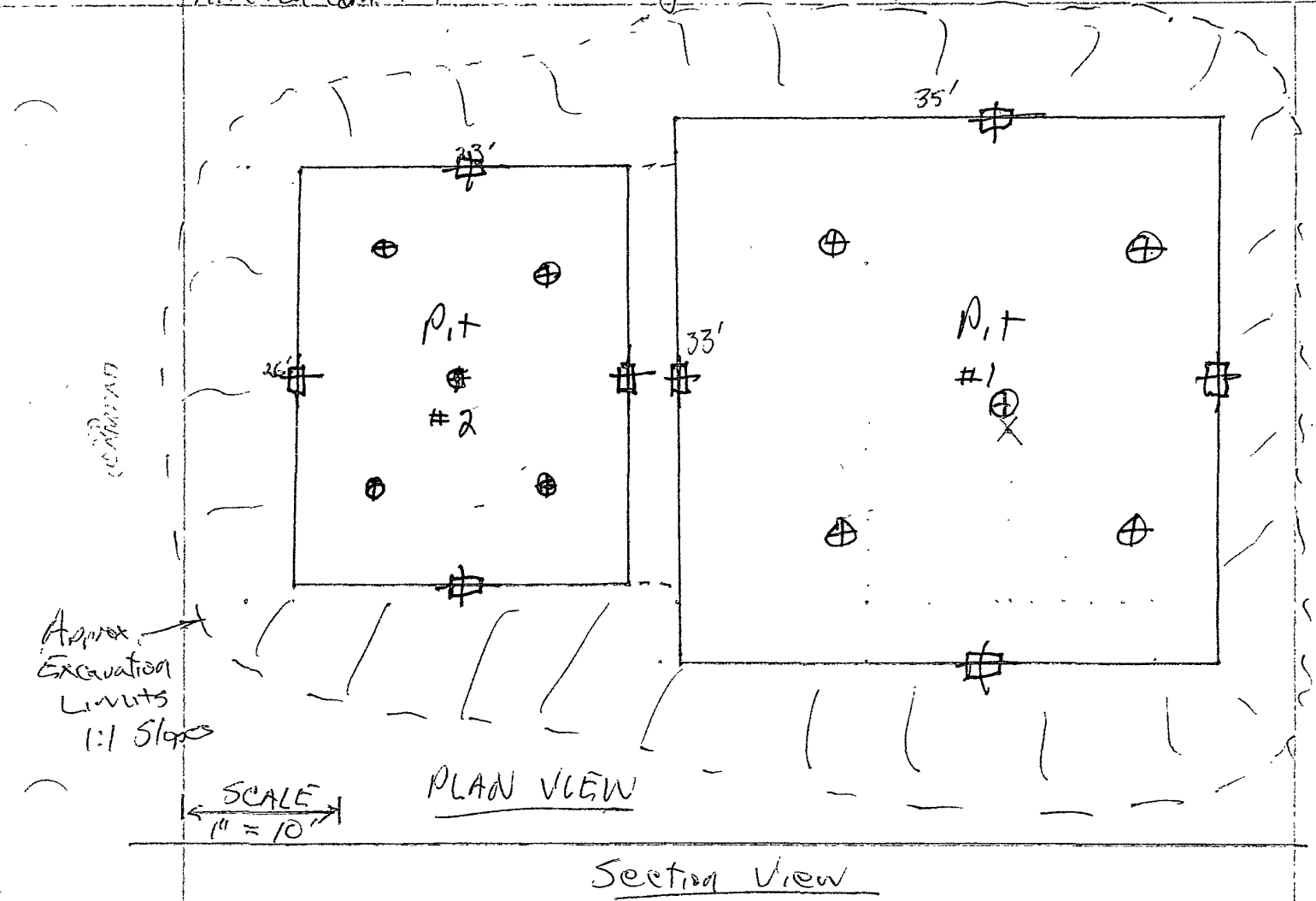
Date: 5/9/2007
Printed Name/Title **Robert A. Schwering, PE, Operations Manager** Signature R. A. Schwering

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

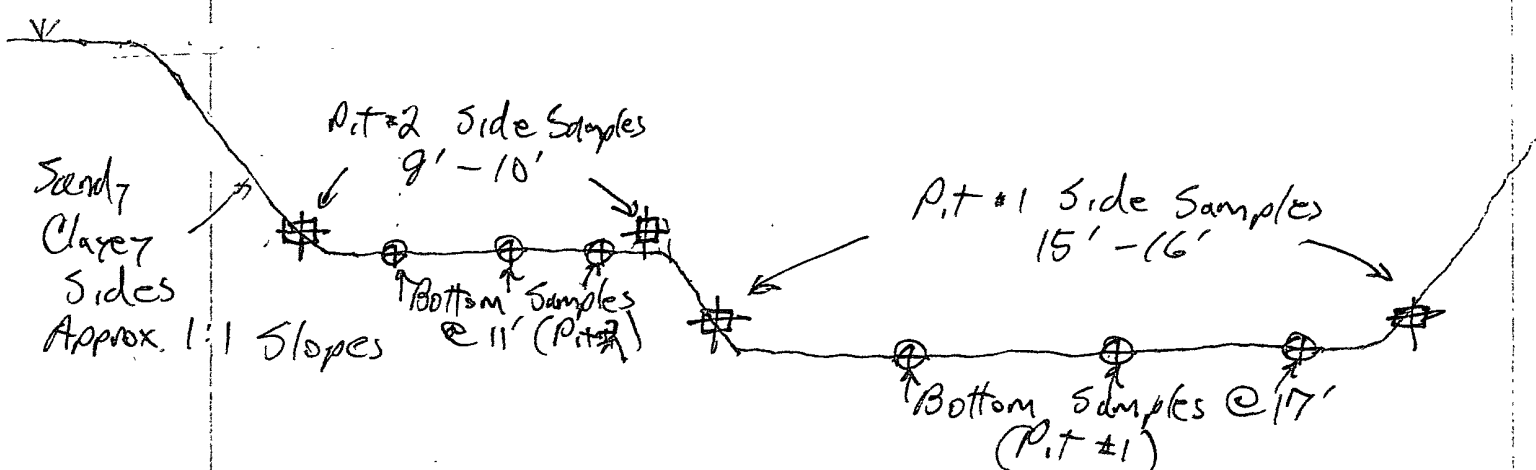
Approval:
Printed Name/Title Deputy Oil & Gas Inspector, District #3 Signature _____ Date: SEP 20 2007

WELL API # Location	Comments Mitigation Methodology NMOCD Comments	Pit #	Date Of Sample	Location	Depth or Lateral	Benzene PPM	BTEX PPM	TPH GRO PPM	TPH DRO PPM	TPH DRO+GRO PPM	Allowable TPH MAX
Rita Fed. Com. #4	**ORDER CLOSED w/ Clean Fill: 10/7/2004.**	###	7/7/2004	Pit 1 Bottom	17'	ND	ND	ND	26.80	26.80	100.00
API: 30-039-23378	Pit 1 was re-excavation of orig. pit.		7/7/2004	Pit 1 Sides	@ 15-16'	ND	ND	ND	20.40	20.40	100.00
1880' FNL & 1730' FWL	Pit 1: Final Pit: 35' x 33' x 17'.										
Unit 'F' of Section 8	PIT 1 EXCAVATION COMPLETE & CLOSED.										
T23N- R6W	**ORDER CLOSED w/ Clean Fill: 10/7/2004.**	14	7/7/2004	Pit 2 Bottom	11'	ND	ND	ND	ND	ND	100.00
Rio Arriba Co., NM	Pit 2 was excavation of pit w/ f-glass tank.		7/7/2004	Pit 2 Sides	@ 9-10'	ND	ND	ND	ND	ND	100.00
	Pit 2: Final Pit: 23' x 26' x 11'.										
	PIT 2 EXCAVATION COMPLETE & CLOSED.		7/7/2004	Pile 1 from Pit 1		ND	0.20	82.10	946.00	1028.30	100.00
			8/24/2004	Pile 2 from Pit 2		ND	ND	ND	587.00	587.00	100.00
	LOW LAND FARM WAS USED TO FILL ON-SITE		11/10/2004	Low Land Farm		ND	ND	ND	518.00	518.00	100.00
	EXCAVATIONS FOR TANK-SHOOTING INCIDENT AT		5/6/2005	Low Land Farm		ND	ND	ND	190.00	190.00	100.00
	THEODORE ZINK #1 WELL-SITE W/ BLM PERMISSION			**LOW LAND FARM WAS REMOVED FROM SITE.**							
			11/10/2004	High Land Farm		ND	ND	20.60	2940.00	2960.60	100.00
			5/6/2005	Hign Land Farm		ND	ND	0.99	370.00	370.99	100.00
	REMEDIATION COMPLETE		11/14/2006	High Land Farm		ND	ND	ND	60.00	60.00	100.00
	Fertilize EACH Pit Bottom w/ 100#.		PIT WORK: Pit 1 excavated until Below Limit. Back-Filled w/ Clean Fill.								
	Initially Fertilize High Land Farm w/ 200#.		PIT WORK: Pit 2 excavated until clean. Back-Filled w/ Clean Fill.								
	Initially Fertilize Low Land Farm w/ 100#.		Land Farms: *Mixed Old Land Farm, excavated dirt & all oily dirt on location in 2 New Land Farms.*								
	Fertilize High Land Farm w/ 400# in July 2005.		Land Farms Failed 5/6/2005 Tests. Used Low Land Farm as Fill @ T Zink #1.								
			Fertilized & Tilled & High Land Farm Passed Final Test.								
	Fertilized Low Land Farm w/ 100# & THEN USED LOW LAND FARM TO BACK-FILL OFF-SITE EXCAVATION AT										
	THEODORE ZINK FED. COM. #1 OIL SPILL (TANK SHOOTING INCIDENT). USED NO OIL-STAINED OR ODIFEROUS DIRT.										

Rita Fed Com. #4 | Figure 1 | Earthen Pit Excavations



Section View

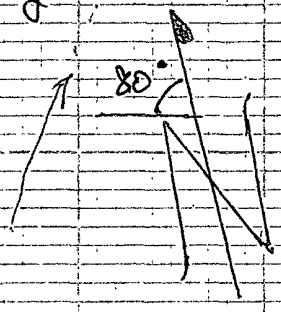


⊕: Approx. Sampling Points: Bottom Composite Samples: (5-Spot Pattern)

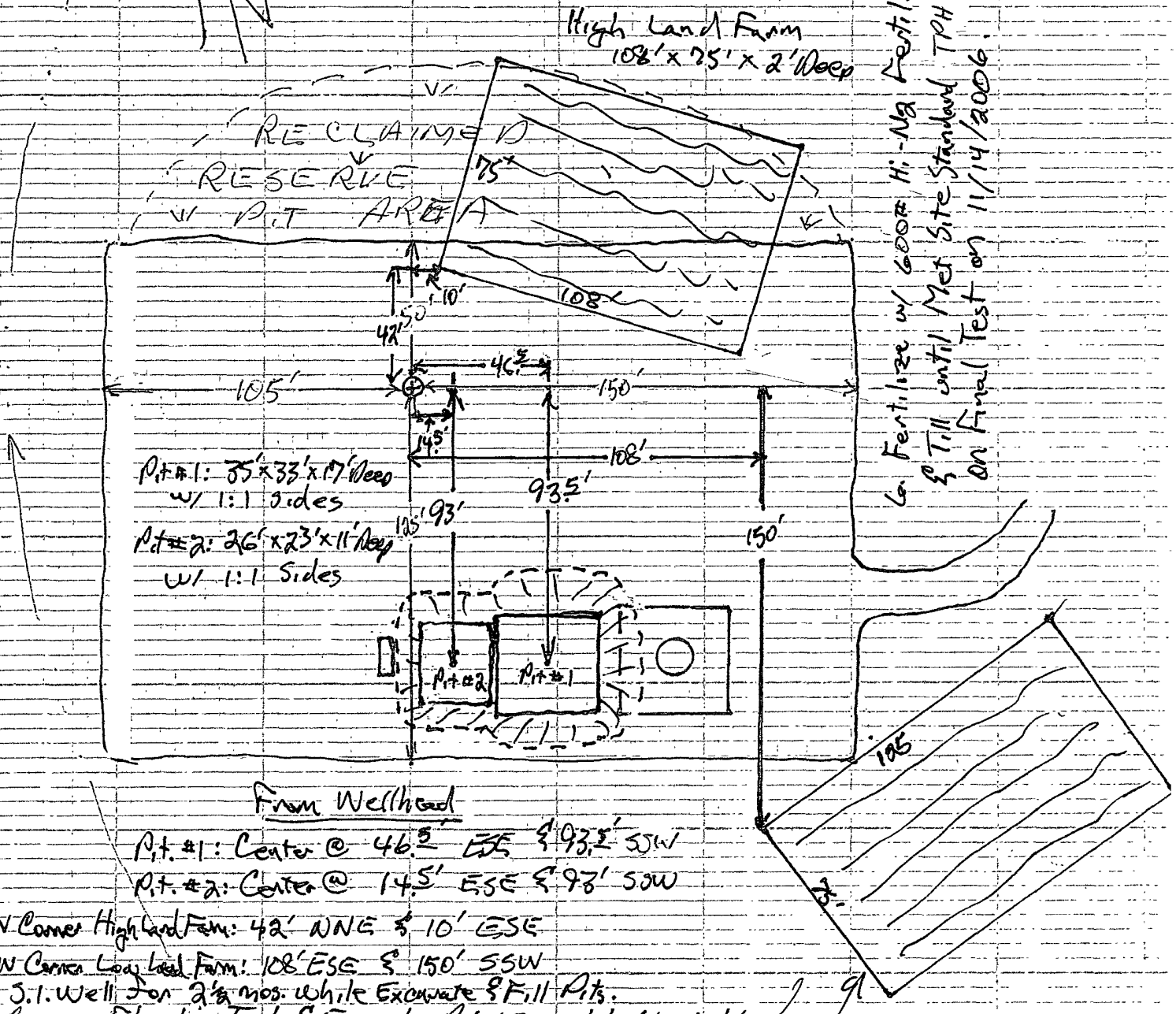
⊞: Approx. Sampling Points: Side Composite Samples: (4-Spot Pattern)

Figure #2: Location Remediation Schematic

Rita Fed. Com. #4: API # 30-039-23378



Longitudinal Location Azimuth N. 80° W



La Fertilize w/ 600# Hi-N2 Fertilizer & Till until Met Site Standard TPH < 100 PPM on Final Test on 11/14/2006.

From Wellhead

Pit #1: Center @ 46.5' ESE & 93.5' SSW

Pit #2: Center @ 14.5' ESE & 98' SSW

SW Corner High Land Farm: 42' NNE & 10' ESE

NW Corner Low Land Farm: 108' ESE & 150' SSW

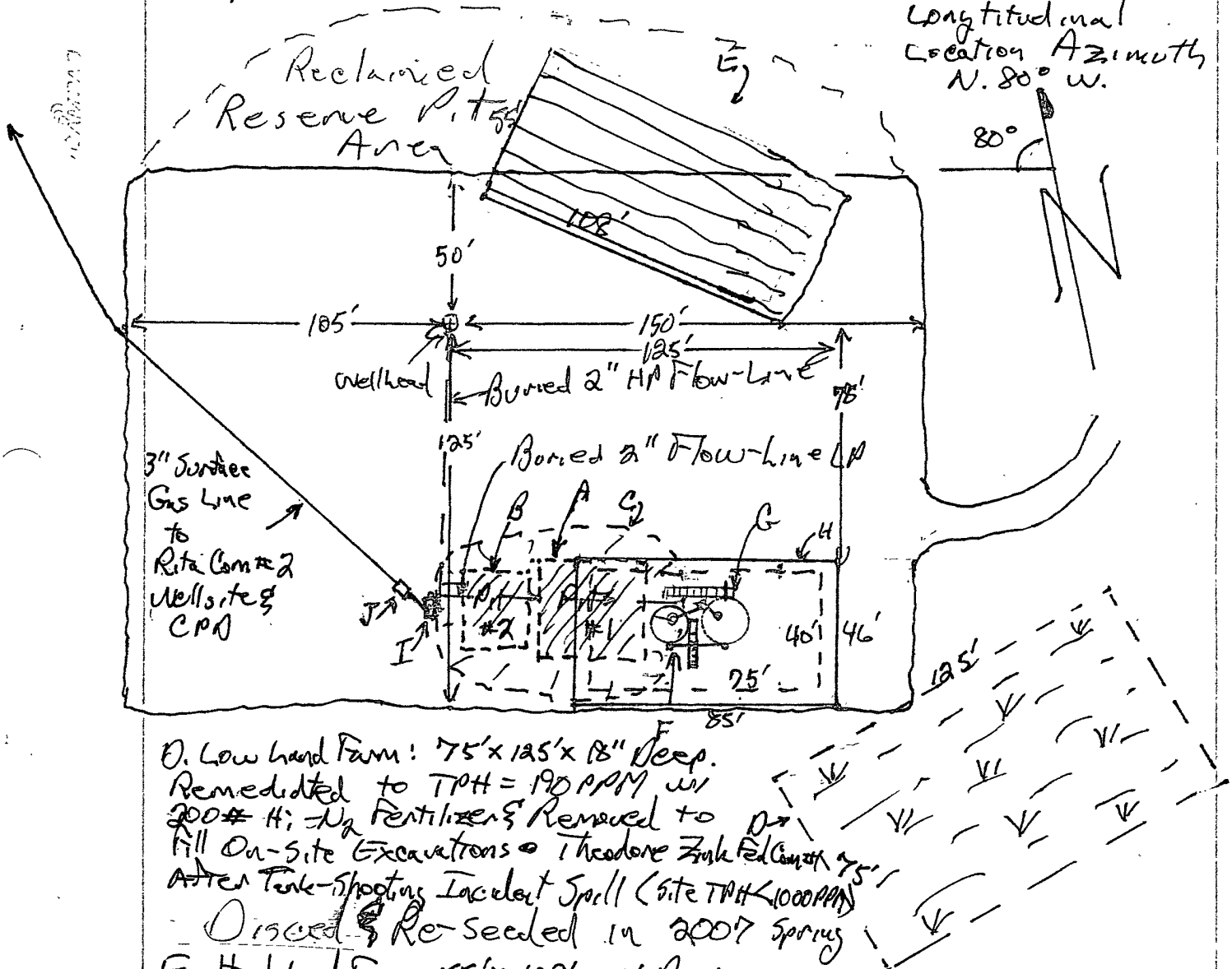
1. S.I. Well for 2½ mos. while Excavate & Fill Pits.
2. Remove Fiberglass Tank & Excavate Pit #2 until No Visible Staining & No Detectable Odor. Test Bottom @ 11' & Sides @ 9'-10'. Use this pit for access to Pit #1.
3. Excavate Pit #1 (Orig. Remediated by Mannion) until all Visibly Stained & Odiferous Material removed. Test Bottom @ 17' & Sides @ 15'-16'.
4. Place 100# Hi-N2 Fertilizer in Bottoms of Pit #1 & Pit #2. Back Fill w/ Clean-Fill for Rita Com. #2 Stock-Pond Excavation approved by BLM.
5. Fertilize & Till Low Land Farm (200# Hi-N2 Fertilizer) to TPH = 190 PPM on 5/6/2005. Use this material to fill on-site excavation @ Theodore Zink Fed. Com. #1 Tank-Shooting Incident Oil Spill.

Rita Fed. Com. #4 Current Site Schematic Figure 3

A. Pit #1: Original Earthen Production Pit (Mernion): Excavated 35'x33'x17' Deep. Met Site Standards. Back-Filled w/ 100# Hi-N2 Fertilizer & Clean-Fill F/ BLM Approved Rita Com. #2 Stock-Pond Excavation.

B. Pit #2: Improperly-Installed Below-Grade Tank Removed & Excavated 26'x23'x11' Deep. Met Site Standards. Back-Filled w/ 100# Hi-N2 Fertilizer & Clean Fill As Above.

C. Approx. External Limits of Excavations w/ 1:1 Slopes



D. Low Land Farm: 75'x125'x 18" Deep. Remediated to TPH = 190 PPM w/ 200# Hi-N2 Fertilizer & Removed to Fill On-Site Excavations & Theodore Zink Fed Com #1 After Tank-Shooting Incident Spill (Site TPH < 1000 PPM) Disced & Re-Seeded in 2007 Spring

E. High Land Farm: 55'x108'x 2' Deep. Remediated to Site-Standard TPH < 100 PPM & No BTEX on 11/14/2006 after Till & Apply 400# Hi-N2 Fertilizer.

F. 210 Bbl. Heated Gun-Barrel Separator Tank (AST): Water & Oil Tank.

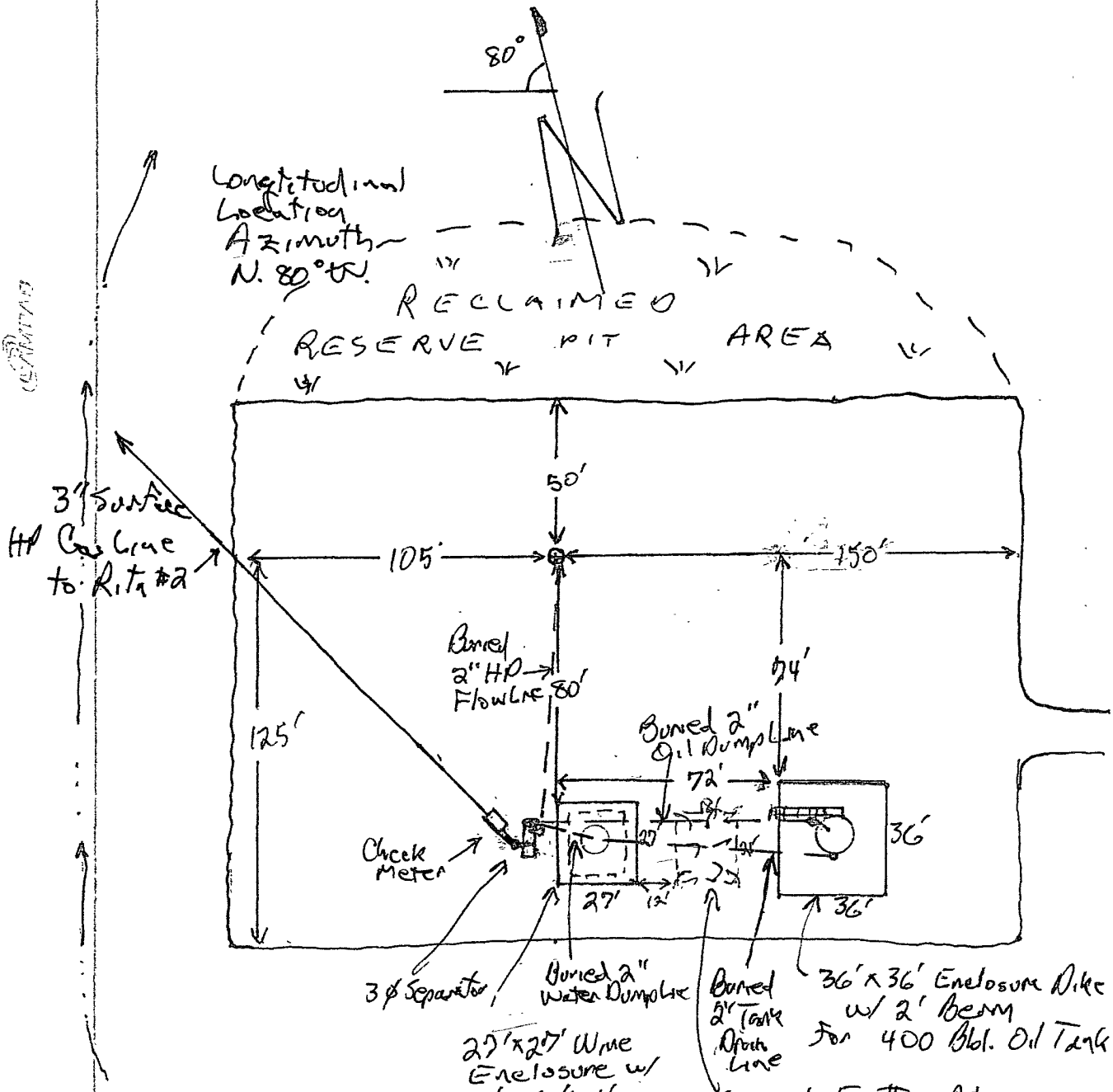
G. 400 Bbl. Oil Sales Tank (AST).

H. Fenced (85'x46') & Bermed (75'x40'x2') Bermed Enclosure for Oil & Water Storage.

I. NATCO 6'x18" 2Ø 125 BTU/hr Separator (Ser. # 18370).

J. Check Meter for CPD Allocation.

Rita Fed. Com. #4 | Figure #4 | Original Schematic



Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

GAL I.D.: **407-029-01**
Date Received: 07/08/04
Date Reported: 07/13/04
QC Batches:

Resource Development Technology LLC
PO Box 1020
Morrison, CO 80465
Attention: Bob Schwering

PROJECT NAME: RTD Pits
PROJECT NUMBER:
SAMPLE I.D.: RITA 4 Pit 1 Bott @ 17'

Sample Date: 07/07/04
Sample Matrix: Soil

Petroleum Hydrocarbons

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
Benzene	8021	0.005	<0.005	1	mg/kg	07/13/04	LM
Ethylbenzene	8021	0.005	<0.005	1	mg/kg	07/13/04	LM
Toluene	8021	0.005	<0.005	1	mg/kg	07/13/04	LM
Xylene, total	8021	0.005	<0.005	1	mg/kg	07/13/04	LM
TPHGRO	8015	0.1	<0.1	1	mg/kg	07/13/04	LM
TPHDRO	8015	10	26.8	1	mg/kg	07/11/04	LM
Total TPH	8015/8021	10	26.8	1	mg/kg	07/11/04	LM

Passed: TPH = 26.8 PPM < 100 PPM site Standard
Passed: BTEX = N.D. < 50 PPM site Standard

John Green, Laboratory Manager

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

GAL I.D.: **407-029-02**

Resource Development Technology LLC
PO Box 1020
Morrison, CO 80465
Attention: Bob Schwering

Date Received: 07/08/04
Date Reported: 07/15/04
QC Batches:

PROJECT NAME: RTD Pits
PROJECT NUMBER:
SAMPLE I.D.: RITA 4 Pit 1 Sides @ 15'-16'

Sample Date: 07/07/04
Sample Matrix: Soil

Petroleum Hydrocarbons

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
Benzene	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
Ethylbenzene	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
Toluene	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
Xylene, total	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
TPHGRO	8015	0.1	<0.1	1	mg/kg	07/15/04	LM
TPHDRO	8015	10	20.4	1	mg/kg	07/14/04	LM
Total TPH	8015/8021	10	20.4	1	mg/kg	07/14/04	LM

Passed: TPH @ 20.4 PPM < 100 PPM Site Standard
Passed: BTEX @ N.D. < 50 PPM Site Standard

John Green, Laboratory Manager

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

GAL I.D.: **407-029-03**

Resource Development Technology LLC
PO Box 1020
Morrison, CO 80465
Attention: Bob Schwering

Date Received: 07/08/04
Date Reported: 07/13/04
QC Batches:

PROJECT NAME: RTD Pits
PROJECT NUMBER:
SAMPLE I.D.: RITA 4 Pit 2 Bott @ 11'

Sample Date: 07/07/04
Sample Matrix: Soil

Petroleum Hydrocarbons

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
Benzene	8021	0.005	<0.005	1	mg/kg	07/13/04	LM
Ethylbenzene	8021	0.005	<0.005	1	mg/kg	07/13/04	LM
Toluene	8021	0.005	<0.005	1	mg/kg	07/13/04	LM
Xylene, total	8021	0.005	<0.005	1	mg/kg	07/13/04	LM
TPHGRO	8015	0.1	<0.1	1	mg/kg	07/13/04	LM
TPHDRO	8015	10	<10	1	mg/kg	07/11/04	LM
Total TPH	8015/8021	10	<10	1	mg/kg	07/11/04	LM

Passed: TPH @ N.D. < 100 PPM Site Standard
Passed: BTEX @ N.D. < 50 PPM Site Standard

John Green, Laboratory Manager

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

GAL I.D.: **407-029-04**
Date Received: 07/08/04
Date Reported: 07/15/04
QC Batches:

Resource Development Technology LLC
PO Box 1020
Morrison, CO 80465
Attention: Bob Schwering

PROJECT NAME: RTD Pits
PROJECT NUMBER:
SAMPLE I.D.: RITA 4 Pit 2 Sides @ 9'-10'

Sample Date: 07/07/04
Sample Matrix: Soil

Petroleum Hydrocarbons

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
Benzene	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
Ethylbenzene	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
Toluene	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
Xylene, total	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
TPHGRO	8015	0.1	<0.1	1	mg/kg	07/15/04	LM
TPHDRO	8015	10	<10	1	mg/kg	07/14/04	LM
Total TPH	8015/8021	10	<10	1	mg/kg	07/14/04	LM

Passed: TPH @ N.D. < 100 PPM Site Standard.
Passed: BTEX @ N.D. < 50 PPM Site Standard.

John Green, Laboratory Manager

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

GAL I.D.: 407-029-05
Date Received: 07/08/04
Date Reported: 07/15/04
QC Batches:

Resource Development Technology LLC
PO Box 1020
Morrison, CO 80465
Attention: Bob Schwering

PROJECT NAME: RTD Pits
PROJECT NUMBER:
SAMPLE I.D.: RITA 4 Pile #1

Sample Date: 07/07/04
Sample Matrix: Soil

Petroleum Hydrocarbons

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
Benzene	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
Ethylbenzene	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
Toluene	8021	0.005	<0.005	1	mg/kg	07/15/04	LM
Xylene, total	8021	0.005	0.195	1	mg/kg	07/15/04	LM
TPHGRO	8015	0.1	82.1	1	mg/kg	07/15/04	LM
TPHDRO	8015	10	946	1	mg/kg	07/14/04	LM
Total TPH	8015/8021	10	1030	1	mg/kg	07/14/04	LM

Failed: TPH = 1028.30 PPM > 100 PPM Site Standard
Passed: BTEX = 0.195 PPM < 50 PPM Site Standard
Plan to Land Farm

John Green, Laboratory Manager

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

GAL I.D.: 408-127-13
Date Received: 08/26/04
Date Reported: 09/10/04
QC Batches:

Resource Development Technology LLC
PO Box 1020
Morrison, CO 80465
Attention: Bob Schwering

PROJECT NAME: RDT Pits
PROJECT NUMBER:
SAMPLE I.D.: RITA 4 Pile #2

Sample Date: 08/25/04
Sample Matrix: Soil

Petroleum Hydrocarbons

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
Benzene	8021	5.0	<5.0	1	µg/kg	09/10/04	LM
Ethylbenzene	8021	5.0	<5.0	1	µg/kg	09/10/04	LM
Toluene	8021	5.0	<5.0	1	µg/kg	09/10/04	LM
Xylene, total	8021	5.0	<5.0	1	µg/kg	09/10/04	LM
TPHGRO	8015	100	<100	1	µg/kg	09/10/04	LM
TPHDRO	8015	10	587	1	mg/kg	09/08/04	LM

Failed: TPH = 587 PPM > 100 PPM Site Standard
Passed: BTEX = N.D. < 50 PPM Site Standard

Plan to Land Farm

DJ
for John Green, Laboratory Manager

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

GAL I.D.: 411-061-12
Date Received: 11/11/04
Date Reported: 11/15/04
QC Batches:

Resource Development Technology
PO Box 1020
Morrison, CO 80465
Attention: Bob Schwering

PROJECT NAME: RDT Pits
PROJECT NUMBER: RAS 0016
SAMPLE I.D.: Rita #4 Low Land Farm

Sample Date: 11/10/04
Sample Matrix: Soil

Petroleum Hydrocarbons

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
Benzene	8021	5.0	<5.0	1	µg/kg	11/15/04	LM
Ethylbenzene	8021	5.0	<5.0	1	µg/kg	11/15/04	LM
Toluene	8021	5.0	<5.0	1	µg/kg	11/15/04	LM
Xylene, total	8021	5.0	<5.0	1	µg/kg	11/15/04	LM
TPHGRO	8015	100	<100	1	µg/kg	11/15/04	LM
TPHDRO	8015	10	518	1	mg/kg	11/15/04	LM

Failed: TPH = 518 PPM > 100 PPM Site Standard
Passed: BTEX = N.D. < 50 PPM Site Standard

for: D. Zufelt
John Green, Laboratory Manager

Green Analytical	Project: Resource Development	
75 Suttle Street	Project Number: GA05-092	**Reported:**
Durango CO, 81303	Project Manager: Debbie Zufelt	05/16/05 11:22

Rita 4 Land - L Low Land Farm
T500565-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5051014	05/10/05	05/13/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*83.2 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**190**	10	mg/kg	1	5051006	05/10/05	05/10/05	EPA 8015m	D-09
Volatile Organic Compounds by EPA Method 8021B									
Benzene	ND	5.0	ug/kg	1	5051014	05/10/05	05/13/05	EPA 8021B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*78.9 %*	*65-135*		"	"	"	"	

Final Test: Low Land Farm

Failed: TPH = 190 PPM > 100 PPM Site Standard
Passed: BTEX = N.D. < 50 PPM Site Standard

Used this remediated material to Back-Fill ON-Site Excavations @ Theodore Zink Fed. Com. #1 Wellsite where fill requirements were TPH < 1000 PPM (Tank-Shooting Incident).
This material w/ mixed w/ 100# Hi-N Fertilizer & transported to fill ON-Site Excavations.
NO Visibly Oil-Stained or Oil-ferous material was used.
All remaining material on the Rita #4 wellsite was Mixed-in with the High Land Farm & tilled & fertilized for continued On-Site remediation.

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Dennis Dorning, Project Manager

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

GAL I.D.: **411-061-13**

Resource Development Technology
PO Box 1020
Morrison, CO 80465
Attention: Bob Schwering

Date Received: 11/11/04
Date Reported: 11/22/04
QC Batches:

PROJECT NAME: RDT Pits
PROJECT NUMBER: RAS 0017
SAMPLE I.D.: Rita #4 High Land Farm

Sample Date: 11/10/04
Sample Matrix: Soil

Petroleum Hydrocarbons

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
Benzene	8021	5.0	<5.0	1	µg/kg	11/15/04	LM
Ethylbenzene	8021	5.0	<5.0	1	µg/kg	11/15/04	LM
Toluene	8021	5.0	<5.0	1	µg/kg	11/15/04	LM
Xylene, total	8021	5.0	<5.0	1	µg/kg	11/15/04	LM
TPHGRO	8015	20.5 100	20600	1	µg/kg	11/17/04	LM
TPHDRO	8015	10	2940 ~~2960.60~~	1	mg/kg	11/22/04	LM

Failed: TPH = 2960.60 PPM > 100 PPM Site Standard

Passed: BTEX = N.D. < 50 PPM Site Standard

FOR: D. Zufelt
John Green, Laboratory Manager

Green Analytical	Project: Resource Development	
75 Suttle Street	Project Number: GA05-092	**Reported:**
Durango CO, 81303	Project Manager: Debbie Zufelt	05/16/05 11:22

Rita 4 Land - H
T500565-02 (Soil) High Land Farm

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**990**	500	ug/kg	1	5051014	05/10/05	05/13/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene	0.99	*75.3 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**370**	10	mg/kg	1	5051006	05/10/05	05/10/05	EPA 8015m	D-09
Volatile Organic Compounds by EPA Method 8021B									
Benzene	ND	5.0	ug/kg	1	5051014	05/10/05	05/13/05	EPA 8021B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*81.6 %*	*65-135*		"	"	"	"	

Failed: TPH = 370.99 PPM > 100 PPM Site Standard
Passed: BTEX = N.D. < 50 PPM Site Standard

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety

Dennis Dorning, Project Manager

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

GAL I.D.: 611-090-13
Date Received: 11/15/06
Date Reported: 12/12/06
QC Batches:

Resource Development Technology
PO Box 1020
Morrison, CO 80465
Attention: Bob Schwering

PROJECT NAME: RDT Pits
PROJECT NUMBER: 1115-013
SAMPLE I.D.: Rita #4 HLF High Land Farm

Sample Date: 11/15/06
Sample Matrix: Soil

Petroleum Hydrocarbons

RESULTS

PARAMETER	METHOD	REPORT LIMIT	RESULT	DIL	UNITS	DATE ANALYZED	ANALYST
Benzene	8021	50	<50	1	µg/kg	12/06/06	KP
Ethylbenzene	8021	50	<50	1	µg/kg	12/06/06	KP
Toluene	8021	50	<50	1	µg/kg	12/06/06	KP
Xylene, total	8021	50	<50	1	µg/kg	12/06/06	KP
TPHGRO	8015	1000	<1000	1	µg/kg	12/06/06	KP
TPHDRO	8015	16	60	1	mg/kg	12/06/06	KP

Passed: TPH = 60 PPM < 100 PPM Site Standard
Passed: BTEX = N.D. < 50 PPM Site Standard

FOR: D Zufelt
John Green, Laboratory Manager