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REPORTS

YEAR:
2007

INTERA Incorporated
6000 Uptown Blvd NE
Suite 100
Albuquerque, NM 87110
Telephone: 505 246 1600
Fax: 505 246 2600

June 29, 2007

Mr. Glenn Von Gonten
Senior Hydrologist
New Mexico Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, NM 87505

RE: Remediation, Millard Deck Estate Pit, Lea County, New Mexico

Mr. Von Gonten:

INTERA Incorporated has completed remediation services at the Millard Deck Estate Pit and a report detailing these activities has been developed. Three copies of this report are attached. An electronic version will be provided under separate cover.

INTERA appreciates the opportunity to work with the New Mexico Oil Conservation Division. If you have any questions please do not hesitate to contact us at (505) 246-1600. Thank you very much.

Sincerely,
INTERA Inc.

Gary Desselle
Staff Scientist

Joe Galemore, P.G.
Project Manager

Enclosures

Report on Remediation Activities at the Millard Deck Estate Pit, Lea County, New Mexico

Prepared for:

New Mexico Energy, Minerals,
& Natural Resources Department
Oil Conservation Division

Prepared by:

INTERA, Inc.
6000 Uptown Boulevard NE
Suite 100
Albuquerque, New Mexico 87110

June 29, 2007

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ACRONYMS AND ABBREVIATIONS

AES	Advanced Environmental Solutions of Belen, New Mexico
AST	Above ground storage tank
bgs	below ground surface
BTEX	Benzene, toluene, ethylbenzene, and xylenes
CRI	Controlled Resources, Incorporated of Hobbs, New Mexico
DRO	Diesel range organics
EPA	United States Environmental Protection Agency
FID	Flame Ionization Detector
GRO	Gasoline range organics
GSD	State of New Mexico General Services Division
INTERA	INTERA, Incorporated
mg/kg	milligrams per kilogram
MRO	Motor oil range organics
OCD	New Mexico Oil Conservation Division
ppm	parts per million
TPH	Total petroleum hydrocarbons
UWB	Underground Water Basin
VOC	Volatile Organic Compound

1.0 INTRODUCTION

Intera, Inc. (INTERA) was contracted by the State of New Mexico Oil Conservation Division (OCD) to perform remediation services at the Millard Deck Estate Pit (Site) located approximately 25 miles southwest of Hobbs, New Mexico. The work was authorized by the OCD through purchase order number 52100-0000004636 dated March 14, 2007. The work was completed in general accordance with INTERA's Work Plan dated October 9, 2006 (INTERA, 2006) and State of New Mexico General Services Department (GSD) Price Agreement number 61-805-09-18553.

The Site contained subsurface petroleum-contaminated soils and surface petroleum hydrocarbon-contaminated water. In accordance with the approved Work Plan, the scope of work included the removal of petroleum-contaminated soils and petroleum-contaminated water. The excavation was to be backfilled with clean soil and compacted to grade.

Prior to field work, INTERA created a Health and Safety Plan for field activities, which was signed and acknowledged by all on Site personnel. Advanced Environmental Services (AES) of Belen, New Mexico was subcontracted for excavation, backfill, and disposal related services. INTERA contacted One-Call (New Mexico underground utility locating service, ticket number 2007232406) prior to the start of excavation services in order for utility companies to map the buried pipelines and electrical hazards on the Site.

2.0 PHYSICAL SETTING

2.1 SITE DESCRIPTION

The Site is located in Lea County in southeast New Mexico, approximately 25 miles southwest of Hobbs. It lies within the Llano Estacado ("Palisaded Plain"), a feature that is bound to the east by the Pecos River, to the west by the Permian Plains of Texas, to the north by the Canadian River, and to the south by Interstate 20 (http://en.wikipedia.org/wiki/Llano_Estacado, June 29, 2007). The Site is located within Township 21 South, Range 35 East, Section 33; the latitude of the Site is 32 degrees, 26 minutes, 25.20 seconds North, and the longitude is 103 degrees 22 minutes, 42.30 seconds West and is found on the San Simon Ranch Quadrangle Topographic Map (Figures 1 and 2). The elevation at the Site is approximately 3,600 feet above mean sea level.

2.2 HYDROGEOLOGY

The Site is located within the Ogallala Formation, which is characterized by sand, silt, clay, gravel, and caliche. The thickness of this formation is up to 350 feet, and is further described as follows:

"Sand, fine- to coarse-grained quartz, silty in part, cemented locally by calcite and silica, locally crossbedded, various shades of gray and red. Minor silt and clay with caliche nodules, massive, white, gray, olive green, maroon. Gravel, not everywhere present, composed of pebbles and cobbles of quartz, quartzite, minor chert, igneous rock, metamorphic rock, limestone, and abraded Gryphaea in intraformational channel deposits and in basal conglomerate. Caliche, sandy, pisolitic, forms caprock, may include some caliche of Pleistocene age. Where stippled pattern shown, overlain sporadically by 14 to 30 inches of brownish gray to brown to reddish brown, calcareous sand and silt of pre-Illinoian age..." (Leedshill-Herkenhoff, Inc., et al. 2000).

Ground water within Lea County exists within five separate basins. From north to south, these include the Lea County Underground-water Basin (UWB), the Capitan UWB, and Carlsbad UWB, the Jal UWB, and the Roswell UWB. The Site is located within the Capitan UWB, which occurs within dolomite and limestone strata deposited in an ancient reef. The ground water quality in this basin is very poor. Although the cities of Jal and Eunice are located within the basin, they utilize the Lea County UWB and the Jal UWB, respectively. As of 1998, depth to water at the Site was estimated to be 40 feet below ground surface (bgs), and the ground water flow direction was generally to the southeast (Leedshill-Herkenhoff, Inc., et al. 2000).

3.0 FIELD ACTIVITIES

Field work commenced on June 17, 2007 and ended on June 20, 2007. The following sections detail the field activities performed at the Site.

3.1 SITE RECONNAISSANCE

A Site reconnaissance was performed on June 17, 2007 to determine if a vacuum truck would be required to remove liquids prior to commencement of excavation activities. The reconnaissance revealed a pit with dimensions of approximately 20 feet by 20 feet by 3 feet deep and a layer of petroleum-contaminated water to a depth of approximately two to three feet; consequently, a vacuum truck was scheduled for the morning of the next day. Field reconnaissance also revealed an exposed pipe on the north end of the pit that connected to two empty, aboveground storage tanks (ASTs) located approximately 200 feet to the north end of the pit (Figure 3). Controlled Resources, Incorporated (CRI) of Hobbs, New Mexico was notified, and on June 20, 2007, CRI capped the pipe and placed in within the fence surrounding the ASTs (Figure 3).

3.2 LIQUID WASTE REMOVAL

On June 18, 2007, a 4,000 gallon capacity vacuum truck removed 55 barrels (1,843 gallons) of petroleum-contaminated water from the pit. The waste was hauled to the CRI Halfway facility located in Halfway, New Mexico about 30 miles west-southwest of Hobbs along New Mexico highway 62/180 and between Hobbs and Carlsbad, New Mexico. Copies of the Waste Manifests are provided in Appendix A.

3.3 EXCAVATION

Excavation was performed with a track-hoe and took place from June 19 to June 20. The work plan specified 233 cubic yards to remove; however, a total of 320 cubic yards of contaminated soil were excavated and removed from the Site. Waste Manifests are provided in Appendix A.

Once excavation was complete, the pit dimensions were approximately 25 feet by 25 feet, and the depth was approximately 20 feet bgs (Figure 3). Contaminated soil as determined by visual and olfactory observations was still present after the 320 cubic yards of material were removed. As discussed in Section 3.5, the contamination appeared to extend well beyond the excavated limits; therefore, excavation activities were terminated. Prior to backfilling the excavation, a layer of Visqueen® plastic sheeting was placed along the bottom and sides of the pit in order to keep contaminated material from coming in contact with clean fill material, and to mark the extent of the excavation in the event that further excavation takes place at the Site.

"Belly-dump" type haulers were utilized to remove contaminated soil from the Site to CRI and to transport clean fill material from CRI to the Site. Clean fill was used initially as an absorbent to keep liquids from leaking from the haulers. A plan view of the excavation is provided Figure 3, a cross-sectional diagram of the excavation is provided in Figure 4, and a complete photographic log of field activities at the Site is provided in Appendix B. A copy of the field notes for Site activities is included in Appendix C.

3.4 BACKFILLING

Backfilling activities took place on June 20, 2007 and were performed with the track-hoe and a front-end loader. Backfill material was composed of caliche transported from CRI's Halfway facility. An estimated total of 340 cubic yards of clean fill was deposited in the excavation during backfilling activities, and a total of 440 cubic yards of clean fill was delivered to the Site. Both the front-end loader and track-hoe were utilized to compact the fill material to grade. 100-cubic yards of material hauled to the Site were not used for backfilling and are stored on Site. The location of this material is illustrated on Figure 3.

3.5 FIELD SOIL SCREENING AND LABORATORY SOIL SAMPLING

During the excavation, visual and olfactory evidence of contamination was noted and documented in the field book (Appendix B). A strong hydrocarbon odor emanated from the excavation before and during excavation, and each of the four walls of the excavation was observed to contain stained soils. In order to perform field screening of the pit for chloride and volatile organic compounds (VOCs), six grab soil samples were obtained from between three and four feet bgs; one each from each cardinal direction of the pit ("North Wall", "South Wall", "East Wall", and "West Wall") and two from the bottom of the excavation ("Bottom of Pit 1" and "Bottom of Pit 2"). See Figure 3 for field screening sample locations relative to the excavation. These samples were analyzed in the field for chloride content using a field kit and for VOCs using a flame ionization detector (FID) and following the New Mexico Oil Conservation Division "Guidelines for Remediation of Leaks, Spills, and Releases" (OCD 1993).

In addition to the six grab soil samples collected from the excavation, another soil sample was collected ("South Pothole 5'") from approximately five feet bgs in a "pothole" that was excavated approximately 20 feet to the south of the main excavation and analyzed for VOCs and chloride. This "pothole" was excavated in an attempt to determine the lateral extent of the contamination, since this was not determined during contaminated soil removal. Contamination was observed in the north side of this "pothole," but was not observed on the south side of the "pothole" (Figure 3). Other "potholes" were attempted to the north, west, and east of the main excavation (limited to approximately 10 to 20 feet from the excavation due to underground utility concerns), but were unsuccessful as an impenetrable layer of caliche was encountered from one to two feet bgs at these locations. Results of the field chloride and field FID analysis for the six grab soil samples obtained are shown in Table 1.

In addition to the field analysis for chloride and for VOCs, soil samples were collected for laboratory analysis from the "Bottom of Pit 1" and "Bottom of Pit 2" locations and from the south "pothole" ("South Pothole 5'") and analyzed for TPH using Environmental Protection Agency (EPA) Method 8015 for gasoline range and diesel range organics (GRO/DRO); for chloride using EPA Method 300; and for benzene, toluene, ethylbenzene, and xylenes (BTEX) using EPA Method 8021. Laboratory results are shown in Table 2 and the laboratory report is provided in Appendix D.

4.0 ANALYTICAL RESULTS

Results of the six grab soil samples collected from the excavation and analyzed in the field for chloride and for VOCs are displayed in Table 1. Results of the laboratory analyses for the three grab soil samples are shown in Table 2.

Table 1. Field Analysis for VOCs and Chloride

Sample Location	Depth (feet bgs)	FID (ppm)	Chloride (mg/kg)
South Wall 3-4'	3 to 4	119	594
North Wall 3-4'	3 to 4	1,354	90
East Wall 3-4'	3 to 4	9.0	<90
West Wall 3-4'	3 to 4	420	150
Bottom of Pit 1	20	4,897	750
Bottom of Pit 2	20	4,474	807
South "Pothole" 5'	5	84.9	<90

Table 1 Notes:

A "<90" chloride result indicates that the sample was below the detection limit of 30 mg/L of chloride, or 90 mg/kg of chloride.
FID = Flame Ionization Detector for VOCs
mg/kg = milligrams per kilogram
ppm = parts per million by volume

Table 2. Laboratory Analysis

Sample ID (Depth [feet bgs])	TPH (mg/kg)		Chloride (mg/kg)	BTEX (mg/kg)			
	GRO	DRO		Benzene	Toluene	Ethylbenzene	Xylenes
Bottom of Pit 1 (20)	370	16,000	2,200	NA	NA	NA	NA
Bottom of Pit 2 (20)	340	18,000	2,400	NA	NA	NA	NA
South Pothole 5' (5)	<10	14,000	25	<0.050	<0.050	<0.050	<0.10

Table 2 Notes:

mg/kg – milligrams per kilogram

Values listed with a "<"symbol show that the analyte was not detected above its respective practical quantitation limit (PQL)

NA – Not analyzed

VOC concentrations ranged from 9.0 ppm in the "East Wall 3-4'"sample to 4,897 ppm in the "Bottom of Pit 1" sample. Field analysis of chloride revealed concentrations ranging from less than 90 mg/kg (the detection limit for the field chloride test kit) in the "East Wall 3-4'" and "South Pothole 5'" samples to 807 mg/kg in the "Bottom of Pit 2" sample.

The concentration of GRO in soil ranged from less than 10 mg/kg (the practical quantitation limit, or PQL, for GRO) the "South Pothole 5'" sample to 370 mg/kg in the "Bottom of Pit 1" sample; DRO in soil was nearly identical in all three samples obtained and averaged 16,000 mg/kg, Laboratory BTEX values were not analyzed in the "Bottom of Pit 1" and "Bottom of Pit 2" samples and were all below the respective PQLs for benzene, toluene, ethylbenzene, and xylene in the "South Pothole 5'" sample.

5.0 CONCLUSIONS/RECOMMENDATIONS

Based on work conducted at the Site, the following conclusions can be made:

- 55 barrels of petroleum contaminated liquid waste were pumped from the pit and removed from the Site;
- 320 cubic yards of petroleum contaminated soil were removed from the Site;
- 440 cubic yards of clean fill material was delivered to the Site; approximately 340 cubic yards were utilized to backfill the Site excavation while 100 cubic yards remain on Site;
- Soil contamination extends beyond the boundaries of the excavation; laboratory analysis revealed TPH concentrations as high as 18,000 mg/kg remain in soil located at the bottom of the excavation; and
- A soil sample collected from a "pothole" excavated 20 feet south of the pit excavation contained 14,000 mg/kg TPH at a depth of 5 feet bgs.

Following the OCD "Guidelines for Remediation of Leaks, Spills, and Releases" (OCD 1993) for remediation of unsaturated contaminated soils, the ranking score for the Site is 20. Ranking criteria includes the following factors.

Depth to ground water. The estimated depth to water at the Site is 40 bgs; therefore, the ranking score is 20.

Distance from a water source or private domestic water well. If the site to be remediated is less than 1,000 feet from a water source or less than 200 feet from a private domestic water source, the ranking score is 20, otherwise it is zero. INTERA performed a search of the Office of the State Engineer's WATERS database and concluded that there are no private domestic water wells in the area, and that there are no irrigation and production wells within 1,000 feet of the Site. The ranking score for this factor is zero.

3) Distance to a surface water body. The nearest surface water body to the Site is more than 1,000 feet, and the ranking score for this distance is zero.

The recommended remedial action ranking score for the Site is >19 and the corresponding remedial action levels are:

Table 3. Remedial Action Levels

Constituent	Remedial Action Level (mg/kg)
Benzene	~~10~~ .2
BTEX	50
TPH	~~100~~ 2500 418.1
Chlorides	500 mg/kg to 6' bgs or 1,000 mg/kg below 6' bgs

Table 3 Notes:

Chloride remedial action levels were provided verbally by Mr. Glenn Von Gotten, OCD Project Manager, for another site in Lea County, New Mexico.

Based on the project findings, INTERA recommends that soil borings be advanced in all directions from the excavation in order to delineate the horizontal and vertical extent of chloride and TPH contamination at the Site. It should be noted that the areas to the north, east, and west of the Site contain an extremely hard caliche horizon to a depth of 1- to 2-feet bgs and selection of subsurface drilling equipment should bear this fact in mind. Once the extent has been determined, further excavation should be conducted in order to remove petroleum contaminated soils at the Site. Once the extent of contamination has been reached, confirmation soil samples for TPH should be taken to demonstrate that remaining on Site soils are below the 100 mg/kg TPH remedial action level recommended by OCD. Site specific chloride action levels should be determined.

6.0 REFERENCES

http://en.wikipedia.org/wiki/Llano_Estacado (Accessed June 29, 2007).

INTERA, 2006. Scope of Work and Cost Proposal for Site Remediation. October 9, 2006. Miller [sic] Deck Estate, San Simon Area, New Mexico.

Leedshill-Herkenhoff, Inc., John Shomaker & Associates, Inc., and Montgomery and Andrews, P.A. 2000. Final Report, Lea County Regional Water Plan.

New Mexico Oil Conservation Division. 1993. Guidelines for Remediation of Leaks, Spills, and Releases.

FIGURES

Source(s): Top map – RGIS website.

N

S

USGS 7.5 Minute Topographic Map:
San Simon Ranch Quadrangles, 1984,
Contour Interval 10 Feet
Scale: 1:24,000

Location: T21S, R35E, Sec.33

INTERA

Figure 1
Project Location Map

Millard Deck Estate Pit – Lea Co.

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Source(s): 2004 aerial map – RGIS website.

N

S

0 150 300 600

Feet

Figure 2
Aerial Site Plan

Millard Deck Estate Pit – Lea Co.

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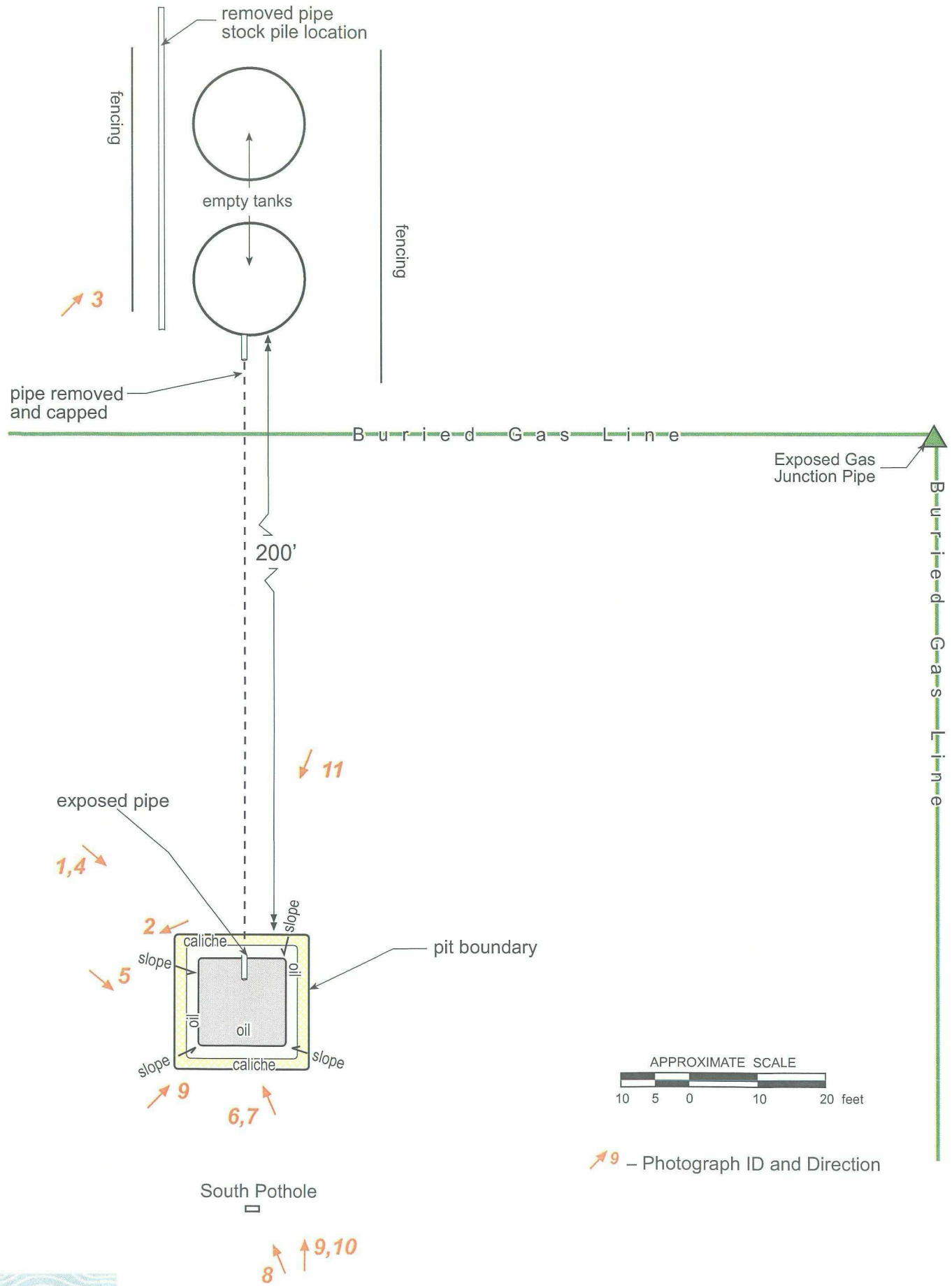
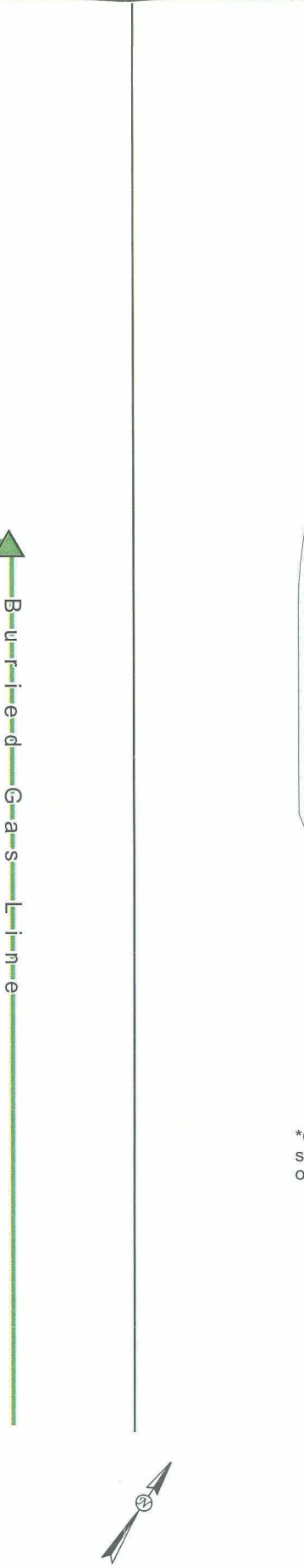
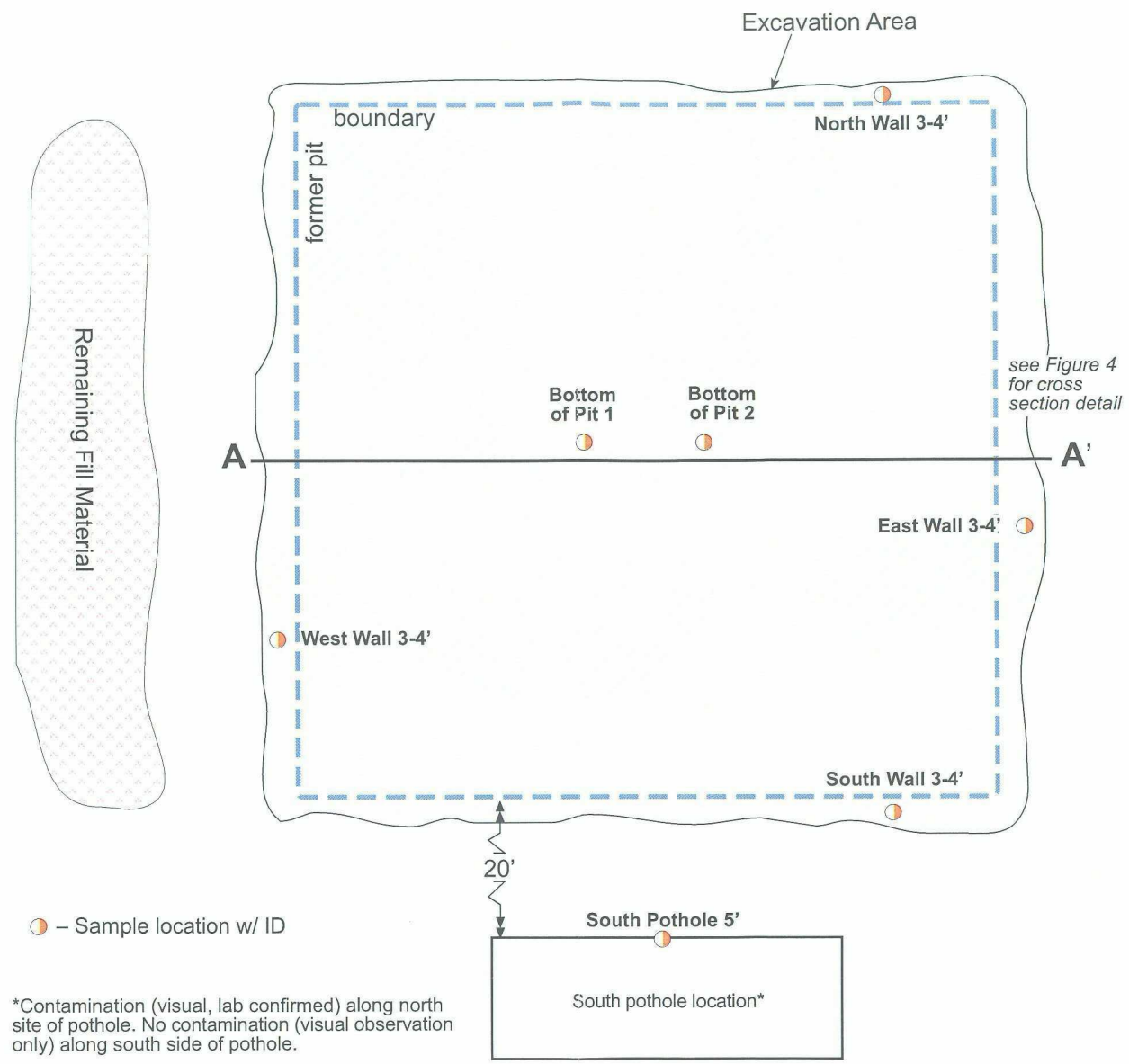




APPROXIMATE SCALE
10 5 0 10 20 feet

9 – Photograph ID and Direction

Site Detail Prior to Excavation



– Sample location w/ ID

*Contamination (visual, lab confirmed) along north site of pothole. No contamination (visual observation only) along south side of pothole.

Approx. Scale: 1" = 5'

Pit Excavation Plan

Figure 3
Site Detail Map – Plan View

Millard Deck Estate Pit - Lea Co.

INTERA

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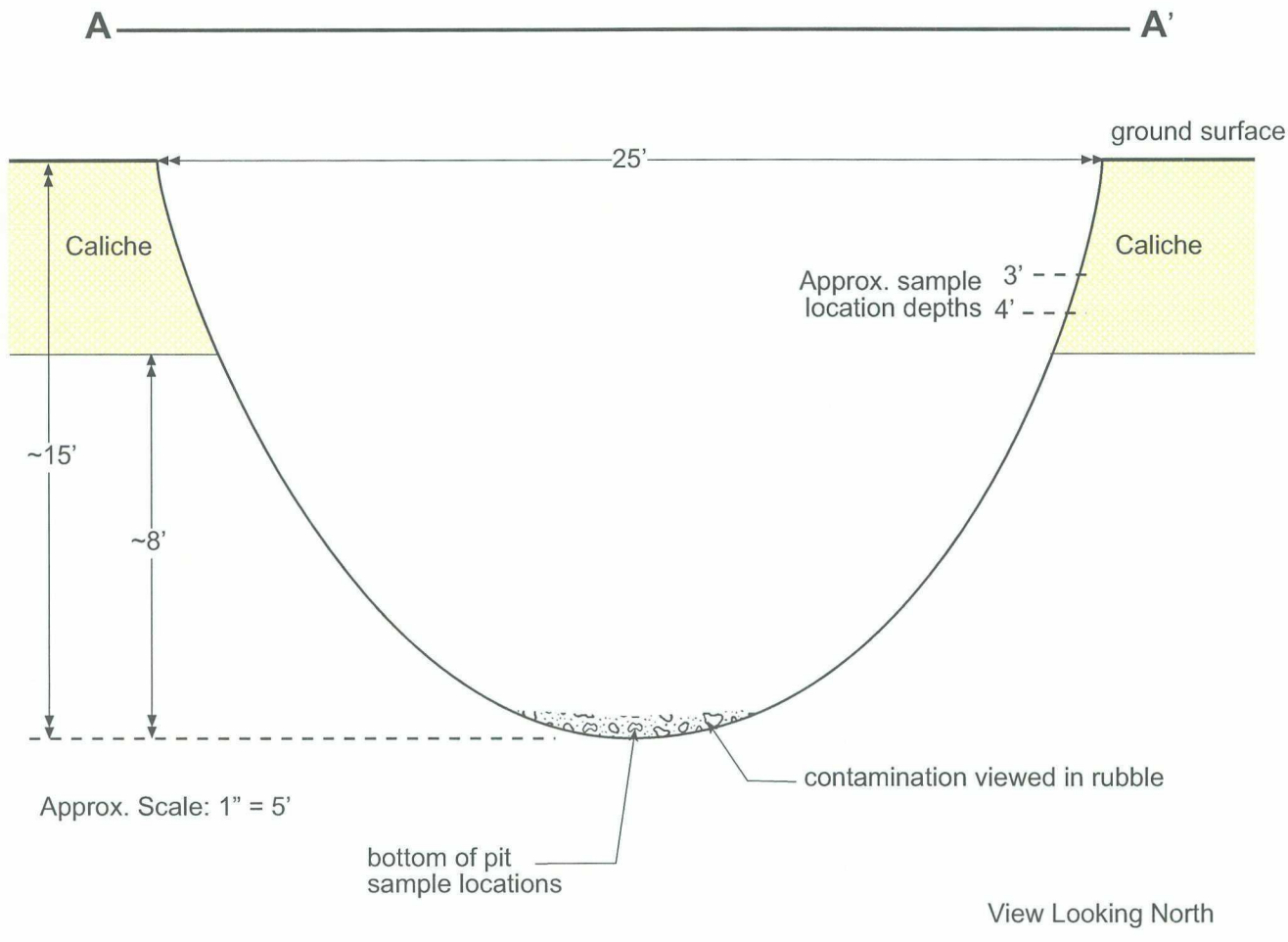

Figure 4
Site Detail Map – Schematic Cross Section

MIllard Deck Estate Pit - Lea Co.

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Appendix A

Waste Manifests

NON-HAZARDOUS WASTE MANIFEST

PART I: Generator: **Oil Conservation Division** (505) 476-3440

Address: **1220 South St. Francis Drive** Telephone No.

City/State: **Santa Fe, New Mexico 87505**

ORIGINATION OF WASTE:

Operations Center Permit No.

Property Name **Millard Deck Estate 32° 26.42' N 103° 22.705' W**

(Well, Tank Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)

Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION/NOTES

20 yards Contaminated Soil.

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the Transporter named below. I certify that the following is true and correct to the best of my knowledge.

Sign on behalf of OCD
Jeff Esquivel A.E.S. — Signature of Generator's Authorized Agent

19 JUN 07 12:35p. — Date and Time of Ship

PART II: **TRANSPORTER: (To be completed in full by Transporter)**

Name Gomez & Gomez — Enrique — 505-334-1607 Telephone No.

Address 6028 Ortiz Rd

City/State Carlsbad New Mexico 88220

34 Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below. 1:24 PM

Enrique P Gomez — Signature of Transporter's Agent

6-20-07 — Date and Time Received

PART III: **DISPOSAL OR RECLAMATION SITE:**

Name Controlled Recovery, Inc.

Address

City/State

Telephone No.

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

6-19-07 — Date and Time Received

NON-HAZARDOUS WASTE MANIFEST

PART I: **Generator: Oil Conservation Division** (505) 476-3440

Address: 1220 South St. Francis Drive **Telephone No.**

City/State: Santa Fe, New Mexico 87505

ORIGINATION OF WASTE:

Operations Center **Permit No.**

Property Name **Millard Deck Estate 32° 26.42' N 103° 22.705' W**

(Well, Tank Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)

Drilling Fluids	_____	Tank Bottoms	_____	Exempt Fluids	_____
Completion Fluids	_____	Gas Plant Waste	_____	C117 No.	
Contaminated Soil	X	Other Material	_____	Pit No.	

DESCRIPTION/NOTES

20 yard Contaminated Soil

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the Transporter named below. I certify that the following is true and correct to the best of my knowledge.

Sign on behalf of OCD
Signature of Generator's Authorized Agent

19 Jun 07 12:56 p
Date and Time of Ship

PART II: **TRANSPORTER: (To be completed in full by Transporter)**

Name Chepi Trucking
Address 812 S Cochran
City/State Hobbs NM 88240

(505) 441-3684
Telephone No.

R37
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent

6/19/07 12:56
Date and Time Received

PART III: **DISPOSAL OR RECLAMATION SITE:**

Name **Controlled Recovery, Inc.**
Address PO Box 388
City/State Hobbs, NM 88240

Telephone No.

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

6/19/07 1554
Date and Time Received

NON-HAZARDOUS WASTE MANIFEST

PART I: **Generator: Oil Conservation Division** (505) 476-3440

Address: 1220 South St. Francis Drive **Telephone No.**

City/State: Santa Fe, New Mexico 87505

ORIGINATION OF WASTE:

Operations Center **Permit No.**

Property Name **Millard Deck Estate 32° 26.42' N 103° 22.705' W**

(Well, Tank Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)

Drilling Fluids	_____	Tank Bottoms	_____	Exempt Fluids	_____
Completion Fluids	_____	Gas Plant Waste	_____	C117 No.	
Contaminated Soil	X	Other Material	_____	Pit No.	

DESCRIPTION/NOTES

20 yards Contaminated Soil.

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the Transporter named below. I certify that the following is true and correct to the best of my knowledge.

Sign on behalf of OCD
Trip Esperanza A.E.S. — Signature of Generator's Authorized Agent

19 JUN 07 11:51A — Date and Time of Ship

PART II: **TRANSPORTER: (To be completed in full by Transporter)**

Name PG Trucking Co

Address 402 W. Rainbow

City/State Hobbs NM 88240

(505) 441-1590 — Telephone No.

155 — Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Ponciano Gonzalez — Signature of Transporter's Agent

19 Jun 07 11:51AM — Date and Time Received

PART III: **DISPOSAL OR RECLAMATION SITE:**

Name Controlled Recovery, Inc.

Address _____

City/State _____

_____ — Telephone No.

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

6-19-07 — Date and Time Received

NON-HAZARDOUS WASTE MANIFEST

№ 14167

PART I: Generator OIL CONSERVATION DIVISION
Address 1220 S. St. Francis Drive
City/State Santa Fe, NM 87505

(505) 476-3440
Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Millard Deck Estate 32°26 43 'N
(Well, Tank Battery, Plant, Facility) 103° 22 705 'W

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT., LBS., UNITS, ETC.)					
Drilling Fluids	_____	Tank Bottoms	_____	Exempt Fluids	_____
Completion Fluids	_____	Gas Plant Waste	_____	C117 No.	_____
Contaminated Soil	X	Other Materials	_____	Pit No.	_____

DESCRIPTION / NOTES
20 yd Contaminated Soil

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

_____ _____
Signature of Generator's Authorized Agent — Date and Time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name Jim Garcia Transport
Address 1200 W. Pioneer Leave Dr.
City/State Hobbs N.M.

505 441 3932
Telephone No.

5
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

_____ _____
Signature of Transporter's Agent — Date and Time Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name **Controlled Recovery, Inc.**
Address **P.O. Box 388**
City/State **Hobbs, N.M. 88241-0388**

(505) 393-1079
Telephone No.

www.crihobbs.com
E-mail

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 6-15-07
Signature of Facility Agent — Date and Time Received

NON-HAZARDOUS WASTE MANIFEST

№ 14783

PART I: Generator Oil Conservation Division ( )
Address 1220 S St Francis Dr
City/State Santa Fe, NM 87505
Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Millard Deck Pkt to 32°26.43'N
(Well, Tank Battery, Plant, Facility) 103°22.705'W

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT., LBS., UNITS, ETC.)					
Drilling Fluids	_____	Tank Bottoms	_____	Exempt Fluids	_____
Completion Fluids	_____	Gas Plant Waste	_____	C117 No.	_____
Contaminated Soil	X	Other Materials	_____	Pit No.	_____

DESCRIPTION / NOTES

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent — Date and Time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name _____
Address _____
City/State _____
Telephone No.
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent — Date and Time Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name **Controlled Recovery, Inc.** **(505) 393-1079**
Address **P.O. Box 388** Telephone No.
City/State **Hobbs, N.M. 88241-0388** **www.crihobbs.com**
E-mail

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent — Date and Time Received

NON-HAZARDOUS WASTE MANIFEST

№ 14784

PART I: Generator OIL CONSERVATION DIVISION
Address 1220 S. St. Francis Dr.
City/State Santa Fe, NM 87505

(505) 476-3440
Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name Millard Deck State 32° 26.420' N
(Well, Tank Battery, Plant, Facility) 103° 22.705' W

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT., LBS., UNITS, ETC.)					
Drilling Fluids	_____	Tank Bottoms	_____	Exempt Fluids	_____
Completion Fluids	_____	Gas Plant Waste	_____	C117 No.	_____
Contaminated Soil	X	Other Materials	_____	Pit No.	_____

DESCRIPTION / NOTES

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent

Date and Time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name _____
Address _____
City/State _____

Telephone No.

Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent

Date and Time Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name **Controlled Recovery, Inc.**
Address **P.O. Box 388**
City/State **Hobbs, N.M. 88241-0388**

(505) 393-1079
Telephone No.

www.crihobbs.com
E-mail

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

6-19-07
Date and Time Received

NON-HAZARDOUS WASTE MANIFEST

PART I: Generator: Oil Conservation Division (505) 476-3440

Address: 1220 South St. Francis Drive Telephone No.

City/State: Santa Fe, New Mexico 87505

ORIGINATION OF WASTE:

Operations Center Permit No.

Property Name Millard Deck Estate 32° 26.42' N 103° 22.705' W

(Well, Tank Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)

Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION/NOTES

20 Yard Contaminated Soil

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the Transporter named below. I certify that the following is true and correct to the best of my knowledge.

SIGN ON BEHALF OF OCD
Steve Jennings A.E.S.
Signature of Generator's Authorized Agent

19 Jun 07 2:35p
Date and Time of Ship

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name PG Trucking (Soil) 441-1390

Address 402 W Rainbow Telephone No.

City/State Hobbs NM 88240

155
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Porciano Gonzalez
Signature of Transporter's Agent

19 Jun 07 2:35P
Date and Time Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc.

Address

City/State

Telephone No.

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

6-19-07
Date and Time Received

NON-HAZARDOUS WASTE MANIFEST

PART I: **Generator: Oil Conservation Division** (505) 476-3440

Address: 1220 South St. Francis Drive **Telephone No.**

City/State: Santa Fe, New Mexico 87505

ORIGINATION OF WASTE:

Operations Center **Permit No.**

Property Name **Millard Deck Estate 32° 26.42' N 103° 22.705' W**

(Well, Tank Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)

Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	X	Other Material		Pit No.	

DESCRIPTION/NOTES

20 yd. Contaminated soil

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the Transporter named below. I certify that the following is true and correct to the best of my knowledge.

Sign on behalf of OCD
TNM Espinoza A.E.S
Signature of Generator's Authorized Agent

19 JUN 07 12:20p
Date and Time of Ship

PART II: **TRANSPORTER: (To be completed in full by Transporter)**

Name JUAN GARCIA TRANSPORT
Address 1200 W. Princess Jeanne Dr.
City/State Hobbs. N.M.

505 441 3932
Telephone No.

5
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent

6-19-07
Date and Time Received

PART III: **DISPOSAL OR RECLAMATION SITE:**

Name Controlled Recovery, Inc.
Address
City/State

Telephone No.

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

6-19-07
Date and Time Received

NON-HAZARDOUS WASTE MANIFEST

№ 14777
118145

PART I: Generator O.C.D. CONSERVATION DIVISION
Address _____
City/State _____
( ) _____
Telephone No.

ORGINATION OF WASTE:

Operations Center INTERA Permit No. _____

Property Name ~~MILLARD~~ Deck ESTATE
(Well, Tank Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT., LBS., UNITS, ETC.)					
Drilling Fluids	_____	Tank Bottoms	_____	Exempt Fluids	_____
Completion Fluids	_____	Gas Plant Waste	_____	C117 No.	_____
Contaminated Soil	_____	Other Materials	55 BBLS	Pit No.	_____

DESCRIPTION / NOTES

~~[illegible]~~
Pit Sludge
55 BBLS

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

_____ 6/12/07
Signature of Generator's Authorized Agent — Date and Time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRI (505) 393-1079
Address P.O. Box 388 Telephone No.
City/State Hobbs N.M. 88241
_____
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

David Poe 6/18/07
Signature of Transporter's Agent — Date and Time Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name **Controlled Recovery, Inc.** **(505) 393-1079**
Address **P.O. Box 388** Telephone No.
City/State **Hobbs, N.M. 88241-0388** **www.crihobbs.com**
E-mail

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

_____ 6/18/07
Signature of Facility Agent — Date and Time Received

NON-HAZARDOUS WASTE MANIFEST

No 14785

PART I: Generator OIL CONSERVATION DIVISION
Address 1220 S. St. Francis Dr
City/State Santa Fe, NM 87505
(505) 476-3440
Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name MILLARD DECK 4 STATE 32° 26.470
(Well, Tank Battery, Plant, Facility) 103° 22.765

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT., LBS., UNITS, ETC.)					
Drilling Fluids	_____	Tank Bottoms	_____	Exempt Fluids	_____
Completion Fluids	_____	Gas Plant Waste	_____	C117 No.	_____
Contaminated Soil	4	Other Materials	_____	Pit No.	_____
DESCRIPTION / NOTES					
[illegible]					

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

[illegible]
Signature of Generator's Authorized Agent

[illegible]
Date and Time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name PG Trucking
Address 402 W Roselawn
City/State Hobbs NM 88240
(505) 441-1590
Telephone No.
155
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Patricia Gonzalez
Signature of Transporter's Agent

20 Jun 07 8:00A
Date and Time Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name **Controlled Recovery, Inc.**
Address **P.O. Box 388**
City/State **Hobbs, N.M. 88241-0388**
(505) 393-1079
Telephone No.
www.crihobbs.com
E-mail

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

[illegible]
Signature of Facility Agent

6-20-07
Date and Time Received

NON-HAZARDOUS WASTE MANIFEST

PART I: **Generator: Oil Conservation Division** **(505) 476-3440**

Address: 1220 South St. Francis Drive **Telephone No.**

City/State: Santa Fe, New Mexico 87505

ORIGINATION OF WASTE:

Operations Center **Permit No.**

Property Name MILLARD DECK ESTATE 32°26.420' 103°22.705'
(Well, Tank Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)

Drilling Fluids	_____	Tank Bottoms	_____	Exempt Fluids	_____
Completion Fluids	_____	Gas Plant Waste	_____	C117 No.	
Contaminated Soil	X	Other Material	_____	Pit No.	

DESCRIPTION/NOTES

20 yard Contaminated Soil

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the Transporter named below. I certify that the following is true and correct to the best of my knowledge.

Sign on behalf of OCD A.E.S. Tyler Espe
Signature of Generator's Authorized Agent

20 JUN 07 12:28 P
Date and Time of Ship

PART II: **TRANSPORTER: (To be completed in full by Transporter)**

Name Gomez + Gomez 505-361-1607
Address 6028 Cirrus Rd
City/State Carlsbad, New Mexico 88220
Telephone No.

36
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Enrique P Gomez
Signature of Transporter's Agent

Date and Time Received

PART III: **DISPOSAL OR RECLAMATION SITE:**

Name **Controlled Recovery, Inc.**
Address _____
City/State _____
Telephone No.

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

6-20-07
Date and Time Received

NON-HAZARDOUS WASTE MANIFEST

№ 14780

PART I: Generator OIL CONSERVATION DIVISION
Address 1220 St. Francis Dr
City/State Santa Fe, NM 87505
(505) 476-3440
Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name MILLARD PECK ESTATE 32° 26.420
(Well, Tank Battery, Plant, Facility) 103° 27.705

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT., LBS., UNITS, ETC.)					
Drilling Fluids	_____	Tank Bottoms	_____	Exempt Fluids	_____
Completion Fluids	_____	Gas Plant Waste	_____	C117 No.	_____
Contaminated Soil	X	Other Materials	_____	Pit No.	_____

DESCRIPTION / NOTES

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent

Date and Time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name Chavi Trucking
Address 813 S Carlsbad
City/State Hobbs NM 88240
(505) 964-2684
Telephone No.
R39
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent

Date and Time Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name **Controlled Recovery, Inc.**
Address **P.O. Box 388**
City/State **Hobbs, N.M. 88241-0388**
(505) 393-1079
Telephone No.
www.crihobbs.com
E-mail

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

6-20-07
Date and Time Received

NON-HAZARDOUS WASTE MANIFEST

PART I: **Generator: Oil Conservation Division** (505) 476-3440

Address: 1220 South St. Francis Drive **Telephone No.**

City/State: Santa Fe, New Mexico 87505

ORIGINATION OF WASTE:

Operations Center **Permit No.**

Property Name MILLARD DECK ESTATE 32° 26.420' 103° 22.705'

(Well, Tank Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)

Drilling Fluids	_____	Tank Bottoms	_____	Exempt Fluids	_____
Completion Fluids	_____	Gas Plant Waste	_____	C117 No.	
Contaminated Soil	X	Other Material	_____	Pit No.	

DESCRIPTION/NOTES

20 Yard Contaminated Soil

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the Transporter named below. I certify that the following is true and correct to the best of my knowledge.

Sign on behalf of OCD
Tim Gum A.E.S.
Signature of Generator's Authorized Agent

20 Jun 07 11:00 A
Date and Time of Ship

PART II: **TRANSPORTER: (To be completed in full by Transporter)**

Name JUAN GARCIA TRANSPORT 505 441 3932

Address 1200 W. Princess Jeanne Dr. Telephone No.

City/State Hobbs. N.M.

5
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Juan Garcia
Signature of Transporter's Agent

6-20-07
Date and Time Received

PART III: **DISPOSAL OR RECLAMATION SITE:**

Name Controlled Recovery, Inc.

Address _____ Telephone No.

City/State _____

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

6-20-07
Date and Time Received

NON-HAZARDOUS WASTE MANIFEST

PART I: **Generator: Oil Conservation Division** (505) 476-3440

Address: 1220 South St. Francis Drive **Telephone No.**

City/State: Santa Fe, New Mexico 87505

ORIGINATION OF WASTE:

Operations Center **Permit No.**

Property Name MILLARD DECK ESTATE ~~Cockburn State B Well Site 32° 46.838', 103° 36.856'~~ 32°26.420' 103°22.705'

(Well, Tank Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT.,LBS., UNITS, ETC.)

Drilling Fluids	_____	Tank Bottoms	_____	Exempt Fluids	_____
Completion Fluids	_____	Gas Plant Waste	_____	C117 No.	
Contaminated Soil	X	Other Material	_____	Pit No.	

DESCRIPTION/NOTES

20 yards Contaminated Soil

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the Transporter named below. I certify that the following is true and correct to the best of my knowledge.

Sign on behalf of OCD T.M. Expires A.B.S
Signature of Generator's Authorized Agent

20 Jun 07 10:27A
Date and Time of Ship

PART II: **TRANSPORTER: (To be completed in full by Transporter)**

Name PG Trucking (505) 441-1390

Address 402 W Rainbow Telephone No.

City/State Hobbs NM 88240

155
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Porfirio Gonzalez D
Signature of Transporter's Agent

20 Jun 07 10:27A
Date and Time Received

PART III: **DISPOSAL OR RECLAMATION SITE:**

Name **Controlled Recovery, Inc.**

Address _____ Telephone No.

City/State _____

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

6-20-07
Date and Time Received

NON-HAZARDOUS WASTE MANIFEST

№ 14782

PART I: Generator OIL CONSERVATION DIVISION
Address 1220 S. St Francis Dr
City/State Santa Fe NM 87505
(505) 476 3440
Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name MILLARD DEEK ESTATE 32°26.420 / 103°22.705
(Well, Tank Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT., LBS., UNITS, ETC.)					
Drilling Fluids	_____	Tank Bottoms	_____	Exempt Fluids	_____
Completion Fluids	_____	Gas Plant Waste	_____	C117 No.	_____
Contaminated Soil	X	Other Materials	_____	Pit No.	_____

DESCRIPTION / NOTES
20 YDS OF CONTAMINATED SOIL

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

SIGNATURE OF OCD
Signature of Generator's Authorized Agent

6-20-07 10:00
Date and Time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name Environmental Services
Address Loop 464 E. Rd
City/State Carlsbad, New Mexico

505-361-1089
Telephone No.

36
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent

Date and Time Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name **Controlled Recovery, Inc.**
Address **P.O. Box 388**
City/State **Hobbs, N.M. 88241-0388**

(505) 393-1079
Telephone No.

www.crihobbs.com
E-mail

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

6-20-07
Date and Time Received

NON-HAZARDOUS WASTE MANIFEST

№ 14781

PART I: Generator OIL CONSERVATION DIVISION
Address 1220 S. St. Francis Dr.
City/State Santa Fe, NM 87505

(505) 476-3440
Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name MILLAGO DEEP ESTATE 32°26.420 103°27.705
(Well, Tank Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT., LBS., UNITS, ETC.)					
Drilling Fluids		Tank Bottoms		Exempt Fluids	
Completion Fluids		Gas Plant Waste		C117 No.	
Contaminated Soil	✓	Other Materials		Pit No.	

DESCRIPTION / NOTES
2a yards of Contaminated Soil

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Sign on behalf of OCD
[illegible] ALS
Signature of Generator's Authorized Agent

2nd June 07 8:43A
Date and Time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name [illegible]
Address [illegible]
City/State [illegible]

(505) [illegible] 1184
Telephone No.

839
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent

6/20/07 8:47 am
Date and Time Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name **Controlled Recovery, Inc.**
Address **P.O. Box 388**
City/State **Hobbs, N.M. 88241-0388**

(505) 393-1079
Telephone No.

www.crihobbs.com
E-mail

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

6-20-07
Date and Time Received

NON-HAZARDOUS WASTE MANIFEST

№ 14786

PART I: Generator OIL CONSERVATION DIVISION
Address 1220 S. St. Francis DR
City/State Santa Fe, NM 87505
(505) 476-3440
Telephone No.

ORGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name MILLARD DEEK ESTATE 32°76.420
(Well, Tank Battery, Plant, Facility) 103° 22.705

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT., LBS., UNITS, ETC.)					
Drilling Fluids	_____	Tank Bottoms	_____	Exempt Fluids	_____
Completion Fluids	_____	Gas Plant Waste	_____	C117 No.	_____
Contaminated Soil	X	Other Materials	_____	Pit No.	_____
20 yard Contaminated Soil DESCRIPTION / NOTES					

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature of Generator's Authorized Agent

20 Jun 07 @ 2pm
Date and Time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name Juan Garcia Transport
Address 1200 W. Princess Jeanne
City/State Hobbs. N.M.
505 441 3932
Telephone No.
5
Truck No.

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

Signature of Transporter's Agent

6-20-07
Date and Time Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name **Controlled Recovery, Inc.**
Address **P.O. Box 388**
City/State **Hobbs, N.M. 88241-0388**
(505) 393-1079
Telephone No.
www.crihobbs.com
E-mail

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

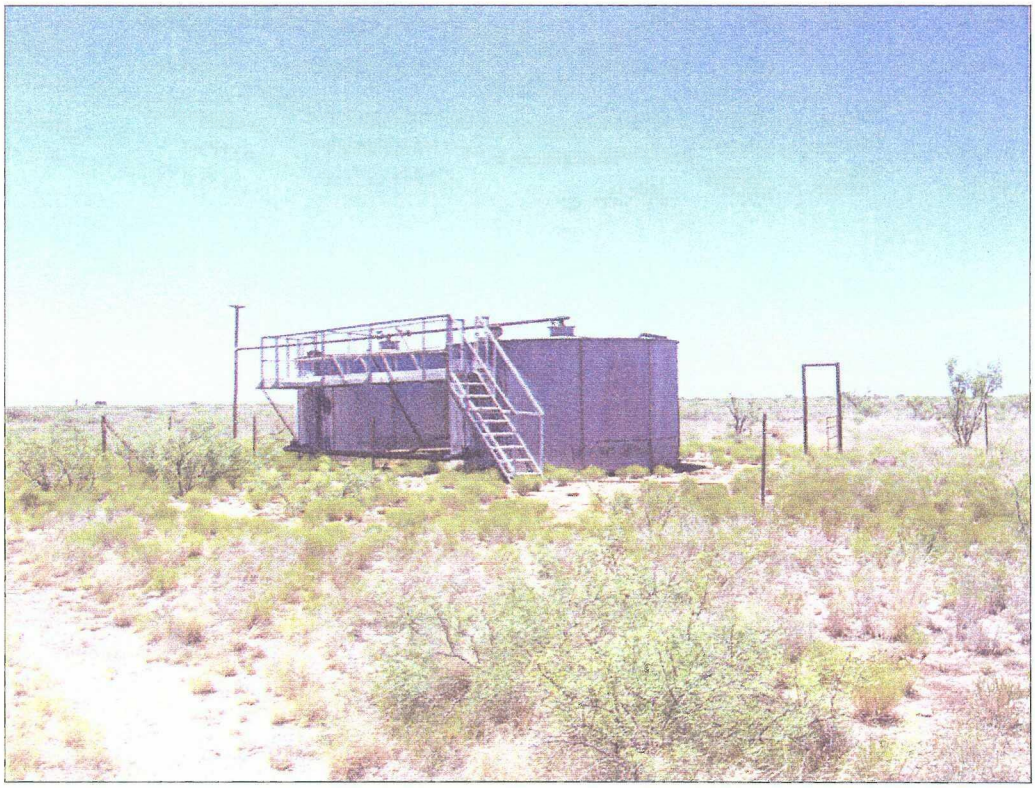
6-20-07
Date and Time Received

Appendix B

Photographic Log

No. 1 – Oil Pit upon arrival at the Site on June 18, 2007. View is to the southeast.

No. 2 – View to the southwest of the vacuum truck; the pit is to the east.

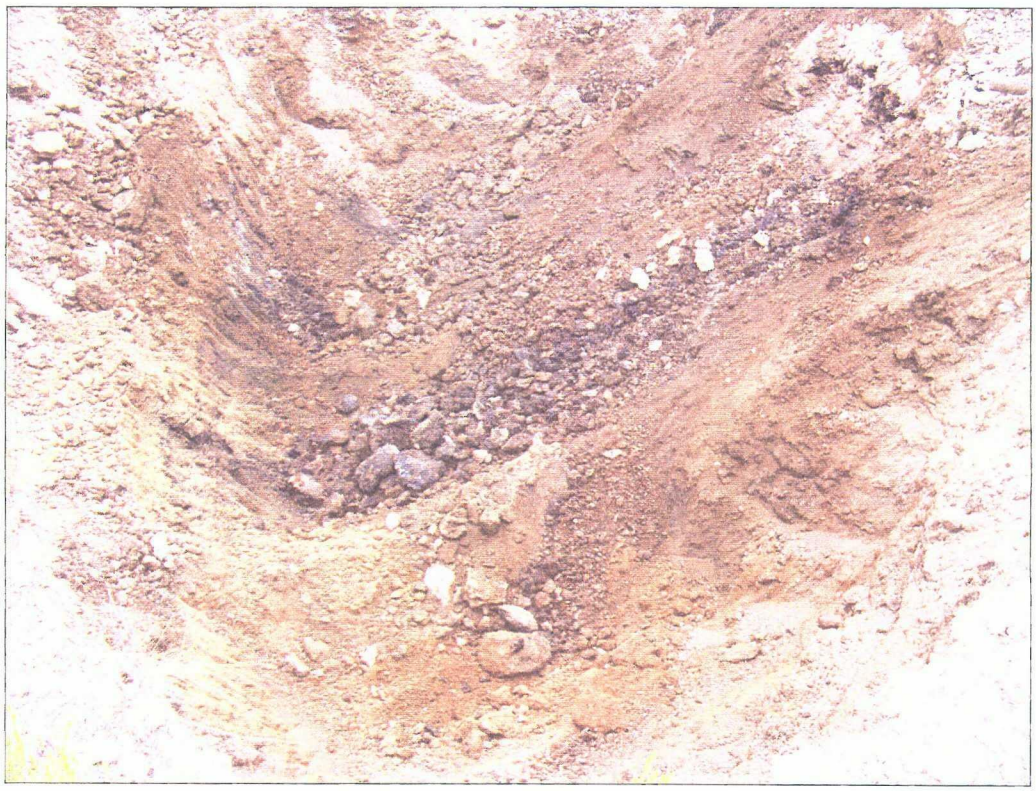


No. 3 – View to the north of two empty oil tanks located approximately 200 feet to the north of the pit.

No. 4 – View to the southeast of the excavation after mixing sludge with clean berm material to facilitate transport off Site.

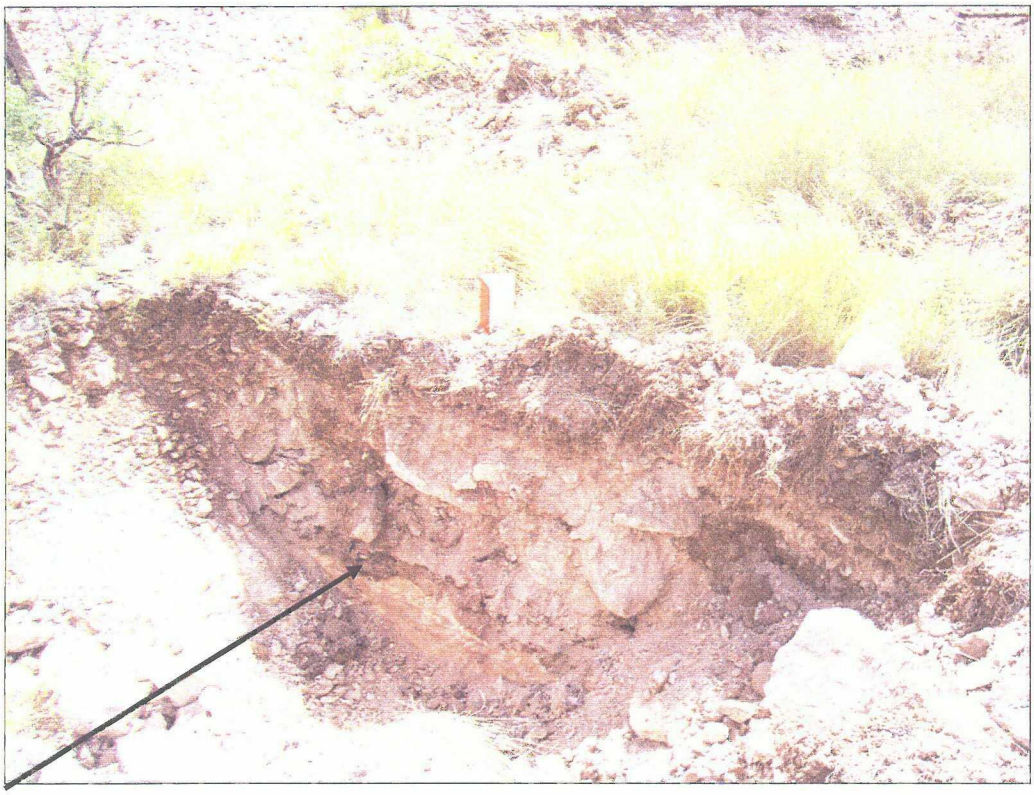
No 5 – View to the east of the excavation. Contamination is visible beneath the excavator bucket.

No. 6 – View to the west of the excavation. Contamination is visible to the north and west, and clean fill material is piled to the west in the background.



No. 7 – View toward the west looking at the bottom of the excavation. Contamination is visible to the north and west.

No. 8 – View toward the west looking at the "pothole" created to the south of the excavation. Arrows point to contaminated soils in the excavated material.



No. 9 – View toward the northwest looking at the north end of the "pothole" created to the south of the excavation. Arrow points to contaminated soil visible in the north wall.

No. 10 – View toward the northwest looking at the location of the south "pothole" relative to the main excavation, a distance of approximately 20 feet.

No. 11 – View to the south looking at the backfilled excavation.

Appendix C

Field Notes

CONTENTS

1/10 Mitland Rec/Education Center (1)

1200 depart 120 to Hooks area

1300 At Cochran State Bank Found 1 water line from Main Comp 100'S & the pit. 1745-1755. Will call someone morning to notify.

- Pit is approx 30x20' of visible sludge to approx 3-4' depth.

2100 Speak w/ [illegible] Felix & Dee. [illegible] plan in meeting in AM Conduct [illegible] Found Mitland Rec site [illegible] Located 2 cars needed [illegible] Cochran Rec Center call as well. will come back [illegible] 2 guard Mitland [illegible] day shift.

2200 At hotel

Wilsle 7 G. Desselle / J. Tracy Millard Deck

0700 Meet @ hotel to go get recirculator/gas.
- Depart to find Millard Deck site.

0840 ~~Found~~ Found Millard site. TO now find way back to 176. Felix of AES should be in town by 9am @ the Monument Cafe. Equipment is supposed to be delivered to the site.

0855 Equipment not on site. J. Tracy is speaking w/ J. Beckmore regarding today's work. GO

0900 TO meet AES in Monument

0930 Met w/ AES, discuss an issue w/ the excavator/ front end loader. May

Wilsle 7 M. Deck G. Desselle

not have it today due to an equipment mix up. Have the vacuum truck, however.

1005 Depart to Millard Deck site w/ AES & vacuum truck from CRI.

1035 Arrive @ Millard Deck; Safety Mtg

1040 CRE pumping pit. Truck trailer WHP3223. Truck USDOT 7106841 985-393-1079

- Photos 1-5 of CRI truck, pit, pumping pit w/ people for scale.

1104 Photos 6, 7 of pit after appx. 20 minutes of pumping.

1117 45 barrels backfilled
81 y^3 to remove, 119 y^3 to backfill

6/18/07 M. Deck G. Desselle

1150 J. Tracy showing G. Desselle Cl test kit. Results should be < 30 mg/kg (acceptable limit)

1155 Still pumping

1300 J. Tracy to Enesource shortly. Discussed Calvert.
- CCD contact Robert will show a vacuum truck to the Cochran site to start pumping first thing in the morning.
G. Desselle, AES will meet the equipment rental & go to Millard to begin excavation while Cochran is being pumped. Will most likely only use an excavator to dig at first material due to the small pit size @ Millard Deck.

6/18/07 M. Deck G. Desselle

1) Tracy talking manifests to Enesource to have an OCD staff member sign them.

1316 Cl test - Sample still not clear enough to place tubewater in (soil clogs tubewater causing error)

1515 J. Tracy off site to Enesource AES to meet equipment rental place, to discuss the plan for tomorrow.

1320 G. Desselle to sketch site on drafting paper

1355 Photo 8 of 2 tanks N of the site (Millard)

Photo 9 of exposed pipe

1330 Photo 10 of gas line junction to the N of pit

6/18/07 M. Deck G. Desselle

1355 Photo 11 - Pit @ this point. Been pumping since 1040.

1407 We have 55, 55 gallon barrels as of now. Mr. Poe & CRI believes another 10 may be present. Mr. Poe also stated that at 18' bgs, a clay layer exists. Therefore, soil contamination may go as deep as 18', and as we excavate, more oil will seep out & the walls of the pit.

Will Check pit @ 1430.

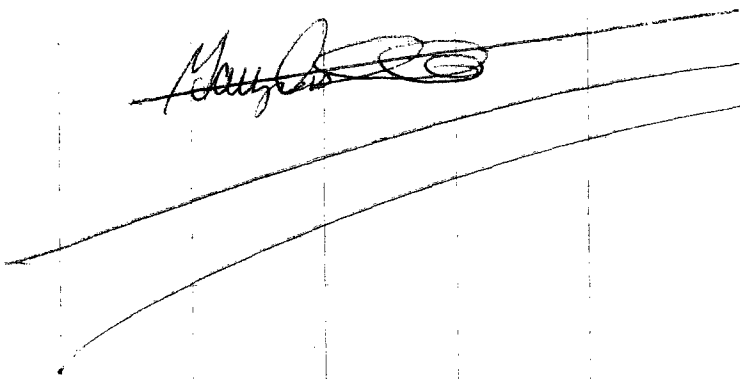
1430 CRI pulled out & put; removed all they could, about 55 barrells. Will come back tomorrow if needed, as Mr. Poe thinks that once we begin to

6/18/07 M. Deck G. Desselle

excavate, it will seep from the walls. If we think we'll need him, we'll need to call by 8 am. CRI off site @ Millard

1433 Photo 12 & pit @ this point, looking E,

1500 G. Desselle off-site (Millard Deck) to Hobbs.



1500 - Felix & AES called, - we need to get excavator to Millard today. In order to get Front end loader to Cockburn, they would have to -

Relief — M. Deck — G. Pessell

work overtime (rental agency/shop), we will deliver loader to Cockburn on ~~Tuesday~~ Wednesday & work @ Millard on Tuesday ~~Wednesday~~ all day. The rental agency is booked all day Tuesday & won't be able to deliver the loader until Wednesday.

-To meet excavator at San Simeon Rd & Mill 1726.

1627 Excavator @ San Simeon Rd. To Millard.

1646 At Millard w/ Excavator & ATES. To unload.

1710 Excavator unloaded, G. Pessell locked cab & has keys.

To return to Movement to call T. Tracy & meet @ Eversource

Relief — M. Deck — G. Pessell

1743 T. Tracy said to make sure trucks are lined up & spaced to avoid leakage during transport. Most important w/ 1st couple trucks (4 or so)

1800 Phebs 13-15 @ Eversource need to have piles & concrete & piping removed by Friday.

1810 Leaving Eversource for Hobbs.

6/9/07 M. Deck G. Desselle

0900 Meet dump trucks (belly dumps) at 162 & San Simon Road. TO site to dump fill & load trucks w/ contamination.

Weather - Hot, highs of 104 expected. Clear, no clouds.

Objective. Excavate Millard Deck parts & haul away contamination. Screen soil w/ PID & Cl test kit to determine if soil is clean, & ~~sample~~ sample for TPH, BTEX, & Cl.

Calling Joe Galemore to discuss max yardage we to remove once trucks all set to site.

Waiting for trucks to turn around, as there was a mix up w/ where to meet. (4 trucks)

0930 At Millard Deck w/ 4 trucks.

6/9/07 M. Deck G. Desselle

Trucks:

1. Chep Trucking R-37 505 441 3684 - Hobbs

2. PG Trucking 155 505 441-1350 - Hobbs

3. Gomez & Gomez 36 Trucking - Carlsbad

4. Juan Garcia 5 Hobbs 505 441-3932

All Belly Dumps

0940 Photo 16 - Trucks lined up to dump Clean fill.

Photos 17, 18, Trucks' belly dump, not designed to seal shut. But, drivers say if mixed well, it won't run.

6/19/07 M. Decle G. Dessale

0937 Safety meeting. Remove fence, ~~AES~~ mixing contamination w/ sidewall to prevent running from trucks (trucks will also be used to prevent contamination

1025 Spoke w/ J. Galemore. Will need to limit amount of clean fill mixed w/ contamination so we don't
i) Increase amount of backfill needed
ii) Decrease amount of contamination we can remove

1030 Photo 19. Pit w/ backfill mix.

1038 As the contamination is being mixed w/ the fill, it is evident that the mixture will run w/o extensive mixing.

6/19/07 M. Decle G. Dessale

1058 Spoke w/ J. Galemore. Belly dumps will unload all of their loads. Felix will use as much on-site, ~~non-clean~~ material to mix w/ the contamination to try to make the mixture more solid. This is to avoid using any more clean fill. If we can w/o spilling contamination on the road, we'll load the belly dumps. Otherwise, we'll try to get end dumps.

1110 Photo 20 Pit w/ on-site/backfill soil mix @ this point

1115 Photo 21: as # 20.
Photo 22 - Clean fill loads (4).

Drivers waiting to see if we can use their trucks once the contamination is mixed.

1117 Photo 23 as # 21, 20.

6/19/07 M. Deck G. Desselle

1118 Photo 24. Mixture before loading possibly.

1135 Spoke w/ J. Galemore. Will load now (belly dumps), placing Clean Fill from site in trucks first to minimize any leakage. G. Desselle will follow trucks on the way out to monitor leakage, if any. If there is leakage, we will have to stop the transportation @ that point.

1140 Photo 25 - Loading 1st truck.

Spoke w/ Robert f CRI. Vacuum truck did not start pumping until 11:38 today. Apparently, the trucking company had a meeting that

6/19/07 M. Deck G. Desselle

went long this morning. The intent was to have them start pumping first thing in the morning.

1210 Photo 26 Pit after 1 truck loaded, loading 2nd truck @ this point.

1215 Asked 2 of the drivers to bring back blank manifests from CRI as we only have 4 right now.

Photos 27, 28 of belly dump loaded up from the bottom. 28 zoomed in. 28 shows that the load is ok, & will not spill.

GD going to check the road after truck 1 left & wait for the 2nd truck to see if it

6/19/07 M. Deck G. Desselle

Spoke w/ Jerry Senior regarding the water line (Mack Energy) found on 6/17. Informed him about our digging @ the Cascabel site & that we're w/in a couple ft. Grace Lathlang @ site. Said ok.

1340 No trucks back yet. Felix (AES operator) looking around pit to see if contam. is more extensive than current width/length/depth.

1350 Photos 32-35. Extent of contamination on E, S, SW walls. W/o knowing extent on N wall, there seems to be more contam. than the extent of the pit as it was before excavation.

6/19/07 M. Deck G. Desselle

Spoke w/ any contamination

1230 No sign of any leakage on the west from 1st 2 trucks. These trucks are the dirtiest 2 of the 4, so other 2 will be fine as well. The mixing of contamination w/ clean soil was successful.

1235 3rd truck being loaded.

Photos 29, 30 Pit after 3 trucks loaded.

1247 Photo 31 Pit w/ Bill, AES & bucket for scale

JS
1258 4th truck loaded. AES signed all 4 manifests for OCD (on behalf of). Blank manifests will be brought back w/ 4 trucks from CRI.

6/16/07 M. Deck G. Desselle

1407 1st Truck & GP back on site.

Spoke w/ J. Galemore to clef. if budget is yardage based only or weight based (tons).

Is yardage based only.

1410 Trucks dumping more fill on site.

1415 2nd truck on-site

1425 Truck 155 dumped 20 cy @ CRI; Truck 5 = 20 cy @ CRI
Gave manifests to AES.

1445 Truck 36 = 20 cy
Truck R37 = 20 cy.

1457 Truck 1 & 2 gone & full.

6/19/07 M. Deck G. Desselle

1402 Photos 36-38 of E, S, W walls of pit. Still contam. present. N wall is where material & excavator have been staged, so extent here is unknown.

+3rd truck being loaded.

1530 Chris Williams of OCD (405 393 6161, x102) called & G. Desselle called him back. Dist wanted to know if we were working on the sides. Also said manifests are signed & @ the OCD front desk.

1536 Robert of CRI called to say vacuum truck shut down @ ~~345~~ 1445 due to lightning. G. Desselle left a voice mail @ 1536

6/19/07 M. Deck G. Desselle

1536 4th truck, Gomez & Gomez #36, will not start right now

1540 Spoke w/ Robert @ CRI. Said he doesn't know how many barrels they removed from Coushatta, but that there is a lot to remove still tomorrow. They'll start there in the morning on 6/20

1542 3rd truck off site to CRI, 4th truck still not starting

At this point, 140 y^3 F clean fill are dumped, w/ 20 more y^3 in broken truck & not dumped. 140 y^3 of contam. soil removed.

6/19/07 M. Deck G. Desselle

1545 At N end of pit. Strong hydrocarbon odor present.

Photos 39-41 of E, S, W end of pit.

1550 4th truck started & dumped 8th, 20 y^3 load. 160 y^3 of clean fill on site, & once loaded this 4th truck will haul off the 4th load of the 2nd run of trucks to bring the total contam. soil removal to 160 y^3.

- Dust end loader being delivered today.

1615 4th truck off-site

- Photos 42-45 of N, NE, E, & W walls, respectively.

1620 Photo 46 of S wall.

6/19/07 M. Deck G. Desselle

1645 1st truck that left @ ~1430 back to dump another full load. NO trucks were supposed to come back, but he was on his way back by the time he was told. This makes 180 y^3. If 4 trucks w/ 20 y^3 each come back tomorrow that will be 260 y^3 of fill. We have 299 y^3 budgeted, so ~~GO~~ 2 more trucks w/ 20 & 19 y^3 ~~resp~~ each will/can come back to the site after tomorrow's 1st 80 y^3.

- Truck 155 dumped 20 y^3 of Contam. soil and to the manifest. This is the "1st Truck" referenced above @ 1645.

6/19/07 M. Deck G. Desselle

1650 Front end loader on site

1657 2nd truck that left earlier on site w/ 20 y^3 of clean fill, bringing the total to 200 y^3. So w/ 4, 20 y^3 trucks coming in the morning tomorrow, that's 280 y^3. This is truck #5, Juan Garcia.

1705 Front end loader piled fill for tomorrow

1715 TD Hobbs

6/20/07 M. Deck G. Desselle

0715 Arrive @ site. Safety meeting. Begin to pile fill for later & excavating pit to load trucks upon arrival

0740 1st truck on site #155 (same as yesterday) - 20 y^3 fill

0742 2nd truck on site - 20 y^3 fill #5.

- Spoke w/ T. Gatemore last night & he gave new yardages for removal & fill. Removal yardage is 320, fill yardage is 440 (320 N.T.)

0745 Driver informed me that one truck has a flat & another has a broken hose. They will arrive after these issues are fixed.

6/20/07 M. Deck G. Desselle

Weather: Cool, breezy, cloudy. Rain possible, high in mid-90's expected

Objective: Excavate & possibly sample soil if evt of contamination. Fill hole once finished & place visqueen or geomesh fabric in hole to mark excavation if we need to return.

0755 Once all 4 trucks have delivered fill & left w/ 20 y^3 each & contam soil.
Fill = 280 y^3
Contam. = 240 y^3 (160 on 6 list + 80)

2nd Delivery/Contam. Removal:
Fill = 360 y^3
Contam = 320 y^3 (Limit)
We'll need 56 y^3 more, so 3 trucks need to return - 2 w/ 20, 1 w/ 16 y^3.

6/20/07 M. Decker G. Doselle

0820 3rd truck on site. R37

Photo 47. E end of pit, showing contam. still present. Strong hydrocarbon odor emanating from pit.

0827 2nd truck of today loaded & off-site. Total contam. removed this pint = 200 yd3. Total fill = 260 yd3.

0845 Photo 48 - Contam. showing thru on N wall.
Photo 49. Bottom of pit, appx 20-25' bgs.

Photos 50, 51, 52, looking N at pit walls from W to E.

0850 3rd truck gone. 220 yd3 gone (contam. soil)

6/20/07

0853 Spoke w/ Felix of AES who asked us if we accounted for the pit depth when we ordered fill. We did not, so when we fill there will be a small pit left behind.

0915 Called Robert of CRT, left a message & he call back. Called @ 0850.

- Spoke w/ vacuum truck operator. Said they are not @ Cockburn & due to lower temperatures today, they don't expect the material to pump very well. Also stated that there is "quite a bit" of liquid left in the pit.

0930 4th truck on site (#36). Fill = 280 yd3. When he leaves w/ contam. soil, that will be 240 yd3. 80 yd3 do so

10/20/07 M. Peck G. Desselle

1000 Robert from CRI said Vacuum truck did not show up, they said they're a another job, he didn't know this.

1st truck from this am back on site. Fill = 300 y^3.

1005 Robert from CRI on site to remove cap pipe

1015 4th truck, #36, leaving w/ 20 y^3 contam. soil. Contam soil amt @ this point = 240 y^3. This is the last truck of the 1st 4 trucks to leave.

- 1st Truck (155) being loaded

1019 Pipe is capped off, Robert of CRI stated.

10/20/07 M. Peck G. Desselle

1020 Calibrating PID

- 2nd truck from this (#5) morning delivered 20 y^3 fill. Fill = 320 y^3

1043 Truck 155 off site. Contam soil = 2400 y^3.

~~Truck #2 of today (#5) delivered 20 y^3, 3rd truck, R37 did GO~~ delivered ~~100~~ 80 so ~~340~~ 320 y^3 delivered. fill. Fill: ~~360~~ y^3 340 y^3. (200 + 80 (4x20) + 60)

1.05 2nd truck off site (#5). Contam soil = 280 y^3.

1115 - Obtained sample of soil/contam for PID measurement. Due to low temperatures, placing in car w/ heater for 5 minutes.

6/20/07 M. Deck G. Desselle

1120 Sample read 620 ppm. West Side

1127 Truck R37 off-site
300 y^3 (cantem. soil
340 y^3 Fill @ this point.

1200 4th truck, #36 back on-site. 360 y^3 F fill. This truck will take the last of the cantem. soil, 320 y^3 worth w/ 20 y^3 more.

- Hebert of CRI said the vacuum truck should be @ Cowbam now. Will call me when he gets there to let me know when they started.

1215 Photos 53, 54, 55 F pit looking W, @ the bottom, & N. Strong hydrocarbon odor emanating from pit

6/20/07 M. Deck G. Desselle

1330 4th truck off-site, #36. 320 y^3 sand, 360 y^3 F fill on site.

1330 Photos 56, 57, 58 F pit looking S from E to W. 59, 60, 61 F pit looking N from W to E.

1315 5 Samples taken from pit for PID. West end = 620 ppm

1330 Cont - AES potholing 4 areas around the pit, approx 20' from edges.

	FID	X-LAB	CL (mg/kg)
S =	119 ppm		594
N =	1354 ppm		90
E =	4.0 (rocky sample)		<90
* Bottom 1 =	4897 ppm		750
* Bottom 2 =	4474 ppm		807
(W =	420 ppm)		~~<90~~ 150
* South Pit =	846.9		<90

1343 3rd truck w/ 20 y^3 fill. At 420 y^3.

6/20/07 M. Deck G. Dessellis

1415 6 Cl samples prepared from 6 FID sampled areas. (Results previous page)

1435 Photo 62 - pothole excavation pole.
63. N end of pothole
64. Looking N at relative distance of pothole on the south of the pit from the pit itself. Distance is appx 20'.
Other pits attempted on the N(2), E were unsuccessful due to an extremely hard shelf of caliche. Can't dig 1-2' bgs. Will sample TPH, BTEX, Cl in pothole.

1447 Sampling from south pothole TPH, BTEX & Cl.

- Backfilling pit

6/20/07 M. Deck G. Dessellis

1520 Last full load on site. Truck 36. 440 yd³ fill total.

1523 5.2 = Cl tab on B2.
$= 264 \text{ mg/L} \frac{0.030 \text{ L}}{10 \text{ g}} \frac{1000 \text{ g}}{1 \text{ kg}} = 807 \text{ mg/kg}$.

1530 5.0 on Cl tab on B1
$= 250 \text{ mg/L} \frac{\times 0.030 \text{ L}}{10 \text{ g}} \frac{1000 \text{ g}}{1 \text{ kg}}$

$= 750 \text{ mg/kg}$.

Note $\frac{0.030 \text{ L}}{10 \text{ g}} \frac{1000 \text{ g}}{1 \text{ kg}}$ = 3 L/kg or just Multiply by 3

& change units

1540 0.4 on Cl tab on E. Lowest reading is 1.2, or 30 mg/L or 90 mg/kg. So E is < 90 mg/kg

6/20/01 M. Beck G. Desselle

1544 Photos of Cl test kit set up.

1547 Reading 1.2 on Cl tab for N location 1.2 = 30 mg/L or 90 mg/kg.

1553 4.4 on 5 on Cl tab. = 198 ppm = 594 mg/kg.

1558 J. Galemore would like 2 samples from the bottom of the pit if possible. No extractions, just TPH & Cl.

1600 Bottom of Pit 1 = 1 jar (#2) TPH, Cl. Time = 1315. (when removed from pit) } Sample

1605 South PM is <90 mg/kg Cl. (Below 1.2 limit for strip)

6/20/01 M. Beck G. Desselle

1612 On W end, 1.8 on Cl tab. = 50 mg/L or 150 mg/kg.

1624 TO Hobbs.

Note: Arrival time & departure time are ½ hour later & before we return to Hobbs, respectively.

~~Mary Lee~~ GO

1630 J. Galemore called. "OK" & Fill remains on site, we will leave this on site for now as we may need to return to do more work. Also, the Cockburn

6/20/07 M. Deck G. Desselle

Site was pumped today, but not a lot of progress was made. However, we are trying to get end dump trucks to haul material that is oil saturated. Need to confirm this w/ Felix as Jeff Fitt is supposed to talk w/ Felix about this.

To CRI to get manifests.

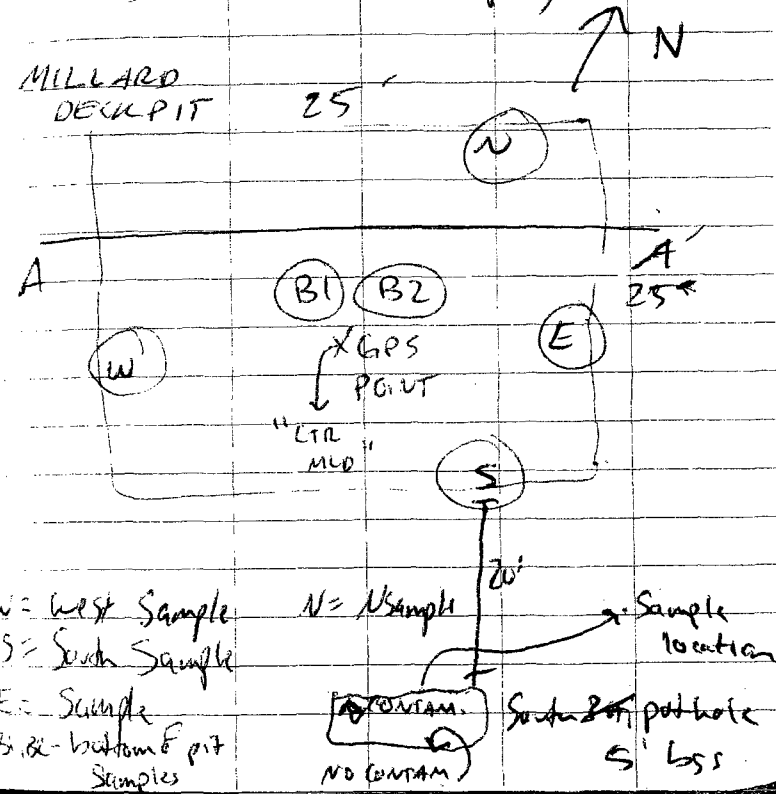
1715 Manifests retrieved.

To Lodel.

6/21/07 M. Deck G. Desselle

0730 Leave Hobbs
0815 On Site, Safety Meeting

- To GPS Middle of pit & shovel sample locations
- Only 3 trucks from those 4 used yesterday possibly
- May use a different company w/ 7 trucks



6/21/07 M. Deal G. Desbelle

0850 Equipment on site to transport excavator & loader to Cockburn

A
MILLERD ROCK PIT X-SECTION
25'
Calcine
5'
CLEAN
CONTAMINATION
-20
Rock fragments
Loading N
Bottom of pit samples
Contamination seen in Rubble
Upper sample locations

See photos 56 and 61 for contamination over clean, but highly likely due to other sampling

0905 Photos 66, 67.
66 = Filled pit w/ scale
67 = Left over fill w/ scale

0914 Still loading equipment. Equipment and other trucks to meet us @ Quarry Rd & 529

6/21/07 M. Deal / Cockburn G. Desbelle

0940 To Cockburn Site with equipment

1120 At Cockburn & unloading equipment

1210 Pit is 25 x 25 approx.

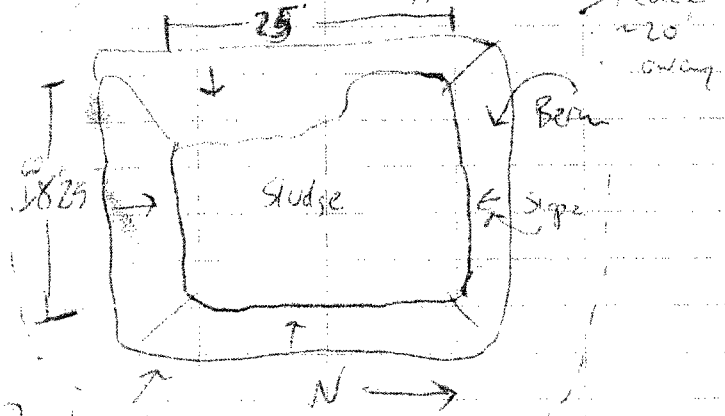


Photo 68

1210 Safety meeting

1215 Starting to mix berm material w/ remaining sludge in order to transport

Appendix D

Laboratory Report

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Thursday, June 28, 2007

Joe Galemore
Intera, Inc.
6000 Uptown Boulevard, NE Suite 100
Albuquerque, NM 87110

TEL: (505) 246-1600
FAX (505) 246-2600

RE: Millard Deck Estate/Cocuburn State Lease

Order No.: 0706359

Dear Joe Galemore:

Hall Environmental Analysis Laboratory, Inc. received 10 sample(s) on 6/25/2007 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

4901 Hawkins NE ▪ Suite D ▪ Albuquerque, NM 87109
505.345.3975 ▪ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc. Date: *28-Jun-07*

CLIENT: Intera, Inc.
Project: Millard Deck Estate/Cocuburn State Lease
Lab Order: 0706359

CASE NARRATIVE

"S" flags denote that the surrogate was elevated or not recoverable due to sample dilution or matrix interferences.

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Jun-07*

CLIENT:	Intera, Inc.	**Client Sample ID:**	Bottom F Pit 1
Lab Order:	0706359	**Collection Date:**	6/20/2007 1:15:00 PM
Project:	Millard Deck Estate/Cocuburn State Lease	**Date Received:**	6/25/2007
Lab ID:	0706359-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	16000	2000		mg/Kg	200	6/26/2007 2:05:32 PM
Motor Oil Range Organics (MRO)	ND	10000		mg/Kg	200	6/26/2007 2:05:32 PM
Surr: DNOP	0	61.7-135	S	%REC	200	6/26/2007 2:05:32 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	370	100		mg/Kg	20	6/26/2007 1:06:44 PM
Surr: BFB	268	84-138	S	%REC	20	6/26/2007 1:06:44 PM
EPA METHOD 9056A: ANIONS						Analyst: **KS**
Chloride	2200	6.0		mg/Kg	20	6/26/2007

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

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Jun-07*

CLIENT:	Intera, Inc.	**Client Sample ID:**	Bottom F Pit 2
Lab Order:	0706359	**Collection Date:**	6/20/2007 1:15:00 PM
Project:	Millard Deck Estate/Cocuburn State Lease	**Date Received:**	6/25/2007
Lab ID:	0706359-02	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	18000	2000		mg/Kg	200	6/26/2007 2:37:03 PM
Motor Oil Range Organics (MRO)	ND	10000		mg/Kg	200	6/26/2007 2:37:03 PM
Surr: DNOP	0	61.7-135	S	%REC	200	6/26/2007 2:37:03 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	340	250		mg/Kg	50	6/26/2007 1:37:26 PM
Surr: BFB	114	84-138		%REC	50	6/26/2007 1:37:26 PM
EPA METHOD 9056A: ANIONS						Analyst: KS
Chloride	2400	15		mg/Kg	50	6/26/2007

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

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Jun-07*

CLIENT:	Intera, Inc.	**Client Sample ID:**	South Pothole 5'
Lab Order:	0706359	**Collection Date:**	6/20/2007 2:48:00 PM
Project:	Millard Deck Estate/Cocuburn State Lease	**Date Received:**	6/25/2007
Lab ID:	0706359-03	**Matrix:**	MEOH (SOIL)

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	14000	2000		mg/Kg	200	6/26/2007 3:08:37 PM
Motor Oil Range Organics (MRO)	10000	10000		mg/Kg	200	6/26/2007 3:08:37 PM
Surr: DNOP	0	61.7-135	S	%REC	200	6/26/2007 3:08:37 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	10		mg/Kg	2	6/26/2007 7:47:14 PM
Surr: BFB	98.8	84-138		%REC	2	6/26/2007 7:47:14 PM
EPA METHOD 9056A: ANIONS						Analyst: **KS**
Chloride	25	6.0		mg/Kg	20	6/26/2007
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **SMP**
Benzene	ND	0.050		mg/Kg	1	6/27/2007 5:33:47 AM
Toluene	ND	0.050		mg/Kg	1	6/27/2007 5:33:47 AM
Ethylbenzene	ND	0.050		mg/Kg	1	6/27/2007 5:33:47 AM
Xylenes, Total	ND	0.10		mg/Kg	1	6/27/2007 5:33:47 AM
Surr: 4-Bromofluorobenzene	103	72-107		%REC	1	6/27/2007 5:33:47 AM

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

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Jun-07*

CLIENT:	Intera, Inc.	**Client Sample ID:**	North Pit 5'
Lab Order:	0706359	**Collection Date:**	6/22/2007 1:17:00 PM
Project:	Millard Deck Estate/Cocuburn State Lease	**Date Received:**	6/25/2007
Lab ID:	0706359-04	**Matrix:**	MEOH (SOIL)

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/26/2007 1:34:11 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/26/2007 1:34:11 PM
Surr: DNOP	96.6	61.7-135		%REC	1	6/26/2007 1:34:11 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/26/2007 9:49:17 PM
Surr: BFB	115	84-138		%REC	1	6/26/2007 9:49:17 PM
EPA METHOD 9056A: ANIONS						Analyst: **KS**
Chloride	290	6.0		mg/Kg	20	6/26/2007
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **SMP**
Benzene	ND	0.050		mg/Kg	1	6/27/2007 1:25:34 AM
Toluene	ND	0.050		mg/Kg	1	6/27/2007 1:25:34 AM
Ethylbenzene	ND	0.050		mg/Kg	1	6/27/2007 1:25:34 AM
Xylenes, Total	ND	0.10		mg/Kg	1	6/27/2007 1:25:34 AM
Surr: 4-Bromofluorobenzene	92.8	72-107		%REC	1	6/27/2007 1:25:34 AM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Jun-07*

CLIENT:	Intera, Inc.	**Client Sample ID:**	West Pit 5'
Lab Order:	0706359	**Collection Date:**	6/22/2007 1:35:00 PM
Project:	Millard Deck Estate/Cocuburn State Lease	**Date Received:**	6/25/2007
Lab ID:	0706359-05	**Matrix:**	MEOH (SOIL)

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	150	10		mg/Kg	1	6/27/2007 8:16:38 AM
Motor Oil Range Organics (MRO)	280	50		mg/Kg	1	6/27/2007 8:16:38 AM
Surr: DNOP	89.8	61.7-135		%REC	1	6/27/2007 8:16:38 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	10		mg/Kg	2	6/26/2007 10:19:38 PM
Surr: BFB	98.0	84-138		%REC	2	6/26/2007 10:19:38 PM
EPA METHOD 9056A: ANIONS						Analyst: **KS**
Chloride	19	6.0		mg/Kg	20	6/26/2007
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **SMP**
Benzene	ND	0.050		mg/Kg	1	6/27/2007 1:48:07 PM
Toluene	ND	0.050		mg/Kg	1	6/27/2007 1:48:07 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/27/2007 1:48:07 PM
Xylenes, Total	ND	0.10		mg/Kg	1	6/27/2007 1:48:07 PM
Surr: 4-Bromofluorobenzene	101	72-107		%REC	1	6/27/2007 1:48:07 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Jun-07*

CLIENT:	Intera, Inc.	**Client Sample ID:**	South Pit 6'
Lab Order:	0706359	**Collection Date:**	6/22/2007 2:40:00 PM
Project:	Millard Deck Estate/Cocuburn State Lease	**Date Received:**	6/25/2007
Lab ID:	0706359-06	**Matrix:**	MEOH (SOIL)

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	25000	2000		mg/Kg	200	6/26/2007 4:11:49 PM
Motor Oil Range Organics (MRO)	15000	10000		mg/Kg	200	6/26/2007 4:11:49 PM
Surr: DNOP	0	61.7-135	S	%REC	200	6/26/2007 4:11:49 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	6/26/2007 10:50:28 PM
Surr: BFB	111	84-138		%REC	5	6/26/2007 10:50:28 PM
EPA METHOD 9056A: ANIONS						Analyst: **KS**
Chloride	300	15		mg/Kg	50	6/26/2007
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **SMP**
Benzene	0.097	0.050		mg/Kg	1	6/26/2007 10:28:25 PM
Toluene	ND	0.050		mg/Kg	1	6/26/2007 10:28:25 PM
Ethylbenzene	0.30	0.050		mg/Kg	1	6/26/2007 10:28:25 PM
Xylenes, Total	ND	0.10		mg/Kg	1	6/26/2007 10:28:25 PM
Surr: 4-Bromofluorobenzene	132	72-107	S	%REC	1	6/26/2007 10:28:25 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Jun-07*

CLIENT:	Intera, Inc.	**Client Sample ID:**	East Wall 6'
Lab Order:	0706359	**Collection Date:**	6/22/2007 3:40:00 PM
Project:	Millard Deck Estate/Cocuburn State Lease	**Date Received:**	6/25/2007
Lab ID:	0706359-07	**Matrix:**	MEOH (SOIL)

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	18000	2000		mg/Kg	200	6/26/2007 4:43:26 PM
Motor Oil Range Organics (MRO)	12000	10000		mg/Kg	200	6/26/2007 4:43:26 PM
Surr: DNOP	0	61.7-135	S	%REC	200	6/26/2007 4:43:26 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	46	25		mg/Kg	5	6/26/2007 11:20:44 PM
Surr: BFB	120	84-138		%REC	5	6/26/2007 11:20:44 PM
EPA METHOD 9056A: ANIONS						Analyst: KS
Chloride	61	6.0		mg/Kg	20	6/26/2007
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: SMP
Benzene	ND	0.050		mg/Kg	1	6/26/2007 11:03:50 PM
Toluene	ND	0.050		mg/Kg	1	6/26/2007 11:03:50 PM
Ethylbenzene	0.20	0.050		mg/Kg	1	6/26/2007 11:03:50 PM
Xylenes, Total	ND	0.10		mg/Kg	1	6/26/2007 11:03:50 PM
Surr: 4-Bromofluorobenzene	108	72-107	S	%REC	1	6/26/2007 11:03:50 PM

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

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Jun-07*

CLIENT:	Intera, Inc.	**Client Sample ID:**	Bottom F "C" Pit 1
Lab Order:	0706359	**Collection Date:**	6/22/2007 3:42:00 PM
Project:	Millard Deck Estate/Cocuburn State Lease	**Date Received:**	6/25/2007
Lab ID:	0706359-08	**Matrix:**	MEOH (SOIL)

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	21000	2000		mg/Kg	200	6/26/2007 5:15:03 PM
Motor Oil Range Organics (MRO)	10000	10000		mg/Kg	200	6/26/2007 5:15:03 PM
Surr: DNOP	0	61.7-135	S	%REC	200	6/26/2007 5:15:03 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	130	25		mg/Kg	5	6/26/2007 11:50:59 PM
Surr: BFB	177	84-138	S	%REC	5	6/26/2007 11:50:59 PM
EPA METHOD 9056A: ANIONS						Analyst: **KS**
Chloride	45	6.0		mg/Kg	20	6/26/2007
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **SMP**
Benzene	0.27	0.050		mg/Kg	1	6/26/2007 11:39:16 PM
Toluene	ND	0.050		mg/Kg	1	6/26/2007 11:39:16 PM
Ethylbenzene	2.6	0.050		mg/Kg	1	6/26/2007 11:39:16 PM
Xylenes, Total	ND	0.10		mg/Kg	1	6/26/2007 11:39:16 PM
Surr: 4-Bromofluorobenzene	247	72-107	S	%REC	1	6/26/2007 11:39:16 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Jun-07*

CLIENT:	Intera, Inc.	**Client Sample ID:**	Bottom F "C" Pit 2
Lab Order:	0706359	**Collection Date:**	6/22/2007 3:43:00 PM
Project:	Millard Deck Estate/Cocuburn State Lease	**Date Received:**	6/25/2007
Lab ID:	0706359-09	**Matrix:**	MEOH (SOIL)

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	21000	2000		mg/Kg	200	6/26/2007 5:46:38 PM
Motor Oil Range Organics (MRO)	ND	10000		mg/Kg	200	6/26/2007 5:46:38 PM
Surr: DNOP	0	61.7-135	S	%REC	200	6/26/2007 5:46:38 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	160	25		mg/Kg	5	6/27/2007 12:52:48 AM
Surr: BFB	188	84-138	S	%REC	5	6/27/2007 12:52:48 AM
EPA METHOD 9056A: ANIONS						Analyst: **KS**
Chloride	37	6.0		mg/Kg	20	6/26/2007
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **SMP**
Benzene	0.65	0.050		mg/Kg	1	6/27/2007 12:14:43 AM
Toluene	ND	0.050		mg/Kg	1	6/27/2007 12:14:43 AM
Ethylbenzene	4.4	0.050		mg/Kg	1	6/27/2007 12:14:43 AM
Xylenes, Total	ND	0.10		mg/Kg	1	6/27/2007 12:14:43 AM
Surr: 4-Bromofluorobenzene	207	72-107	S	%REC	1	6/27/2007 12:14:43 AM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: *28-Jun-07*

CLIENT:	Intera, Inc.	**Client Sample ID:**	Methanol Blank
Lab Order:	0706359	**Collection Date:**	
Project:	Millard Deck Estate/Cocuburn State Lease	**Date Received:**	6/25/2007
Lab ID:	0706359-10	**Matrix:**	MEOH (SOIL)

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/26/2007 7:16:30 PM
Surr: BFB	101	84-138		%REC	1	6/26/2007 7:16:30 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: **SMP**
Benzene	ND	0.050		mg/Kg	1	6/27/2007 2:01:02 AM
Toluene	ND	0.050		mg/Kg	1	6/27/2007 2:01:02 AM
Ethylbenzene	ND	0.050		mg/Kg	1	6/27/2007 2:01:02 AM
Xylenes, Total	ND	0.10		mg/Kg	1	6/27/2007 2:01:02 AM
Surr: 4-Bromofluorobenzene	97.6	72-107		%REC	1	6/27/2007 2:01:02 AM

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Intera, Inc.
Project: Millard Deck Estate/Cocuburn State Lease **Work Order:** 0706359

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW8015									
Sample ID: MB-13249		*MBLK*			Batch ID:	**13249**	Analysis Date:		6/26/2007 11:29:58 AM
Diesel Range Organics (DRO)	ND	mg/Kg	10						
Motor Oil Range Organics (MRO)	ND	mg/Kg	50						
Sample ID: LCS-13249		*LCS*			Batch ID:	**13249**	Analysis Date:		6/26/2007 12:00:57 PM
Diesel Range Organics (DRO)	48.10	mg/Kg	10	96.2	64.6	116			
Sample ID: LCSD-13249		*LCSD*			Batch ID:	**13249**	Analysis Date:		6/26/2007 12:31:56 PM
Diesel Range Organics (DRO)	46.05	mg/Kg	10	92.1	64.6	116	4.35	17.4	
Method: SW8015									
Sample ID: MB-13253		*MBLK*			Batch ID:	**13253**	Analysis Date:		6/26/2007 5:13:14 PM
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0						
Sample ID: LCS-13253		*LCS*			Batch ID:	**13253**	Analysis Date:		6/26/2007 5:44:09 PM
Gasoline Range Organics (GRO)	20.30	mg/Kg	5.0	81.2	69.5	120			
Sample ID: LCSD-13253		*LCSD*			Batch ID:	**13253**	Analysis Date:		6/26/2007 6:14:57 PM
Gasoline Range Organics (GRO)	18.60	mg/Kg	5.0	74.4	69.5	120	8.74	11.6	

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Intera, Inc.
Project: Millard Deck Estate/Cocuburn State Lease **Work Order:** 0706359

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW8260B									
Sample ID: MB-13253		*MBLK*			Batch ID: **R24127**		Analysis Date:		6/26/2007 2:44:57 PM
Benzene	ND	mg/Kg	0.050						
Toluene	ND	mg/Kg	0.050						
Ethylbenzene	ND	mg/Kg	0.050						
Xylenes, Total	ND	mg/Kg	0.10						
Sample ID: MB-13229		*MBLK*			Batch ID: **R24127**		Analysis Date:		6/26/2007 6:19:32 PM
Benzene	ND	mg/Kg	0.050						
Toluene	ND	mg/Kg	0.050						
Ethylbenzene	ND	mg/Kg	0.050						
Xylenes, Total	ND	mg/Kg	0.10						
Sample ID: LCS-13253		*LCS*			Batch ID: **R24127**		Analysis Date:		6/26/2007 3:20:45 PM
Benzene	1.071	mg/Kg	0.050	107	78.2	123			
Toluene	1.031	mg/Kg	0.050	103	72.6	128			
Sample ID: LCSD-13253		*LCSD*			Batch ID: **R24127**		Analysis Date:		6/26/2007 3:56:37 PM
Benzene	1.004	mg/Kg	0.050	100	78.2	123	6.42	19	
Toluene	0.9984	mg/Kg	0.050	99.8	72.6	128	3.21	0	

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name INT | Date and Time Received: 6/25/2007

Work Order Number 0706359 | Received by AT

Checklist completed by _____ (Signature) 6/25/07 (Date)

Matrix | Carrier name | Client drop-off

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 - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
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 _____

CHAIN-OF-CUSTODY RECORD

QA / QC Package: Std ☑ Level 4 ☐
Other:

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

Client: ENTERA, INC.
Project Name: MILLARD DECK ESTATE / COCKBURN STATE LEASE
Address: 6000 Uptown Blvd Ste. 100 Albuquerque, NM 87110
Project #:
Project Manager: Joe Galemore
Phone #: 505.246.1600
Sampler: GARY DESSELLE
Fax #: 505.246.2600
Sample Temperature: 2°

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative $HgCl_2$	Preservative HNO_3	Preservative Ice	HEAL No.
6/20/07	1315	SOIL	Bottom E Pit 1	1,4oz			X	-1
6/20	1315	SOIL	Bottom F Pit 2	1,4oz			X	-2
6/20	1448	SOIL	South Pothole 5'	1,4oz/2,20ml			X	-3
6/22	1317	SOIL	North Pit 5'	1,4oz/2,20ml			X	-4
6/22	1335	SOIL	West Pit 5'	1,4oz/2,20ml			X	-5
6/22	1440	SOIL	South Pit 6'	1,4oz/2,20ml			X	-6
6/22	1540	SOIL	East Wall 6'	1,4oz/2,20ml			X	-7
6/22	1542	SOIL	Bottom F "C" Pit 1	1,4oz/2,20ml			X	-8
6/22	1543	SOIL	Bottom F "C" Pit 2	1,4oz/2,20ml			X	-9
			MeOH Blank					-10

ANALYSIS REQUEST

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F^-, Cl^-, NO_3, NO_2, PO_4, SO_4) 300	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	BTEX 802 1				Air Bubbles or Headspace (Y or N)
		X						X								
		X						X								
		X						X				X				
		X						X				X				
		X						X				X				
		X						X				X				
		X						X				X				
		X						X				X				
		X						X				X				

Remarks: TURN AROUND ASAP. EXPECT VERY HIGH CONCENTRATIONS.
25 DAY TAT

Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)
6/25/07	0911		
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)
			6/25/07 0911