



**KLEINFELDER**

*An employee owned company*

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OCT 06 2006

**ENVIRONMENTAL PROTECTION**

October 3, 2006

File: 65294.02

Ms. Lisa Johnson  
Nevada Division of Environmental Protection  
Bureau of Corrective Actions  
901 South Stewart Street, Suite 4001  
Carson City, Nevada 89701-5249

**SUBJECT: Report of Completion for Soil Remediation  
Owyhee Combined School  
Owyhee, Nevada**

*Reference: "Scope of Work for Soil Remediation, Owyhee Combined School,  
Owyhee, Nevada", dated August 3, 2006, by Kleinfelder, Inc.*

Dear Ms. Johnson:

Kleinfelder prepared this report of completion for the Nevada Division of Environmental Protection (NDEP) for soil remediation activities performed at the Owyhee Combined School in Owyhee, Nevada. All work was executed in accordance with the referenced scope of work, and performed under the existing contract between Kleinfelder and the NDEP (Contract No. 06-015).

Kleinfelder prepared and implemented a soil remediation scope of work including the following tasks:

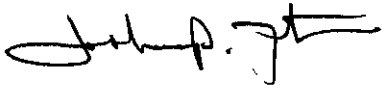
- Task 1: Preconstruction Meeting
- Task 2: Soil Excavation and Disposal
- Task 3: Place Asphalt Concrete
- Task 4: Report of Completion

Soil remediation activities were completed in accordance with the referenced scope of work with no significant modifications. The attached Report of Findings presents a summary of field activities, analytical results, conclusions and recommendations.

We appreciate the opportunity to be of service to the NDEP on this project. If you have any questions or need additional information, please contact either the undersigned in our Reno office (775) 689-7800.

Sincerely,

**KLEINFELDER, INC.**



Joshua P. Fortmann, CEM  
Project Geologist



Eric Hubbard, CEM  
Geoscience Manager

MS:JPF:pm

Enclosures: Report of Completion  
Appendix A : Plates (photos)  
Appendix B: Tables  
Appendix C: Soil Disposal Report  
Appendix D: Thurston Testing Laboratory Report  
Appendix E: Analytical Laboratory Results and Chain of Custody

**REPORT OF COMPLETION FOR SOIL REMEDIATION  
OWYHEE COMBINED SCHOOL  
OWYHEE, NEVADA**

**File: 65294.02  
September 19, 2006**

**BACKGROUND**

The Owyhee Combined School is located on tribal land in Owyhee, Nevada, and is operated by the Elko County School District (ECSD). The Site Vicinity Map is included as Plate 1, in Appendix A. Based on the results of assessment activities, the subject site soil has been impacted by TPH as a result of one or multiple heating oil underground storage tank (UST) releases. Based on the available historical information, the UST was historically overfilled causing releases to the playground area. Kleinfelder attended a remedial planning meeting at the subject site on June 29, 2006. Meeting attendees included representatives of the NDEP, ECSD and the Duck Valley Shoshone-Paiute Tribe. The purpose of the meeting was to develop a consensus for remediation activities to be performed. Based on the remedial planning meeting outcome, the NDEP requested that Kleinfelder prepare a scope of work for soil remediation. Kleinfelder prepared and implemented the referenced scope of work, dated August 3, 2006.

**FIELD ACTIVITIES**

The following text describes field activities performed by Canyon Construction Company of Elko, Nevada (earthwork subcontractor) and Idaho Sand and Gravel of Nampa, Idaho (asphalt paving subcontractor) as documented by Kleinfelder. Thurston Testing Labs provided all materials testing services directly to the ECSD.

***Preconstruction Activities***

On August 8, 2006, a preconstruction meeting was held at the subject site prior to the start of field activities. Meeting attendees included representatives of Kleinfelder, ECSD, the Duck Valley Shoshone-Paiute Tribe, Canyon Construction Company and Idaho Sand and Gravel. The purpose of the meeting was to address potential site access concerns, and to perform interviews with tribal members for hire as project laborers in accordance with the Tribal Employment Rights Ordinance (TERO). The subcontractors performed interviews to determine the qualifications of available laborers based on previous training and experience. The subcontractors hired tribal members,

and provided reporting directly to the Duck Valley Shoshone-Paiute Tribe in accordance with TERO.

### ***Soil Excavation and Disposal***

On August 9, 2006, a health and safety meeting was held with all onsite personnel in attendance. Following the health and safety meeting, Canyon Construction started field activities. The asphalt surface of the playground area was removed and hauled to the Idaho Waste Systems, Inc. landfill in Mountain Home, Idaho for recycling. A total of 170.91 tons of asphalt was hauled to the landfill. Following asphalt removal, soil in the vicinity of the former UST was excavated to approximately three feet below ground surface (bgs). The area of excavation was approximately 4000 square feet, and is shown on Plate 2, Appendix A. A total of 789.62 tons of petroleum containing soil was excavated. Excavated soil was transported to the landfill and stockpiled for characterization and disposal. Two composite soil samples were collected from the stockpile for characterization. The characterization soil samples were analyzed for total petroleum hydrocarbons-diesel range organics and oil range organics (TPH-DRO, TPH-ORO) by EPA Method 8015B and eight metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver) by Toxicity Characteristic Leaching Procedure (TCLP) EPA Method 1311. The analytical results were provided to the landfill and the soil was disposed. Disposal reports are included as Appendix C.

On August 14, 2006, Kleinfelder collected three confirmation soil samples from the bottom of the excavation at locations shown on Plate 2, Appendix A. The soil samples were analyzed for TPH-DRO and TPH-ORO. Following sample collection, aggregate base was used to backfill the excavation. Fill was placed in lifts and compacted. Thurston Laboratory provided all backfill compaction testing services. A copy of the testing report is included as Appendix D. Following fill placement and compaction, a grader was used to establish the final grade. During grading activities, an area of backfill was observed to be deflecting under equipment weight. The area was located near the southeast portion of the playground, and was approximately 500 square feet in size. The backfill material was overexcavated to a depth of approximately two feet bgs. The depth of excavation was limited by the presence of an underground electrical utility. A sheet of Tensar 1200 geogrid was installed approximately two feet bgs, and backfill material was replaced and recompactd above the geogrid.

### ***Asphalt Concrete Paving***

Prior to asphalt concrete paving, Thurston Testing Laboratory approved compaction and final grading of backfill. Idaho Sand and Gravel placed and compacted one three-inch

lift of asphalt concrete. An area of approximately 25,000 square feet was paved with one lift of minimum three-inch thick asphalt. Thurston Testing Labs performed all asphalt inspection services.

## **ANALYTICAL RESULTS**

Soil sample analytical results are presented in Table 1, Appendix B. Copies of analytical results and chains of custody are included as Appendix E.

### ***Stockpile Characterization Samples***

The characterization samples contained TPH-DRO and ORO at concentrations of 450 and 740 mg/Kg. Barium was the only metal with reportable concentrations of 2.2 and 2.5 mg/L.

### ***Confirmation Samples***

One of the confirmation soil samples [A (SE end)] contained a reportable concentration of TPH-DRO and ORO at 1,530 mg/Kg. Neither of the other two confirmation soil samples contained reportable concentrations of TPH.

## **DISCUSSION**

The confirmation soil samples indicate that remedial activities were successful in the removal of relatively high concentration petroleum containing soil. The confirmation samples also indicate that petroleum containing soil has been completely removed in the central and northwest portions of the area excavated. The confirmation soil sample containing TPH indicates that petroleum containing soil remains in the subsurface in the southeast portion of the area excavated and near the UST. This soil is currently isolated from contact through the use of the asphalt cap.

## **CONCLUSIONS AND RECOMMENDATIONS**

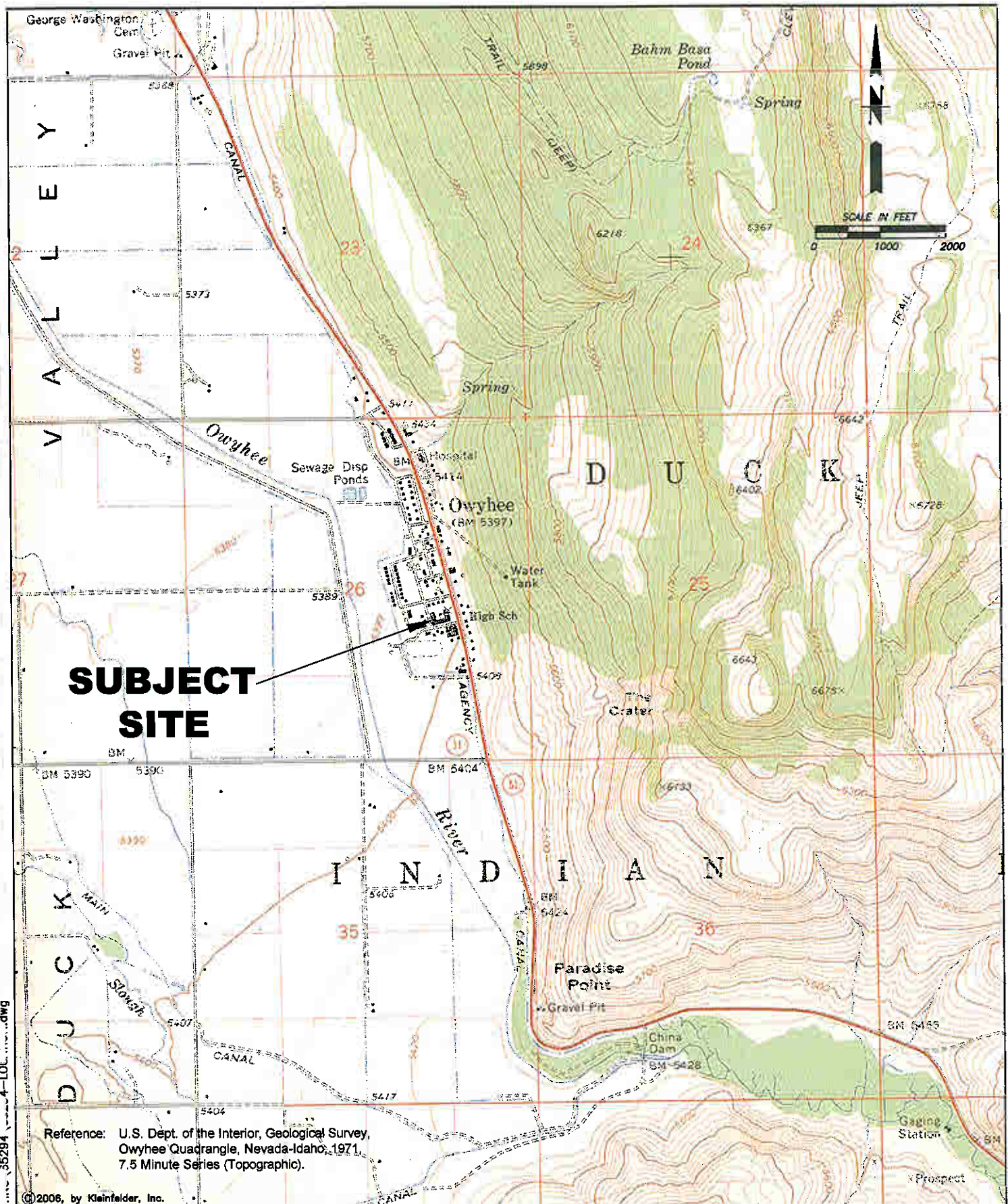
Based on the confirmation soil sample results, petroleum impacted soil remained in the bottom of the excavation at one location in the southeast portion of the area excavated. Based on previous assessment results and field observations, petroleum containing soil is present outside of the area of excavation. A potential exists to encounter petroleum containing soil if excavation outside of the area or depth of the backfill is performed. If reinstalled, playground equipment should be located in the vicinity of confirmation soil samples B and C.



**APPENDIX A**

**PLATES**





**KLEINFELDER**

4875 LONGLEY LANE, SUITE 100  
RENO, NEVADA 89502  
Tel. (775) 689-7800

## SITE LOCATION MAP

OWYHEE COMBINED SCHOOL  
OWYHEE, NEVADA

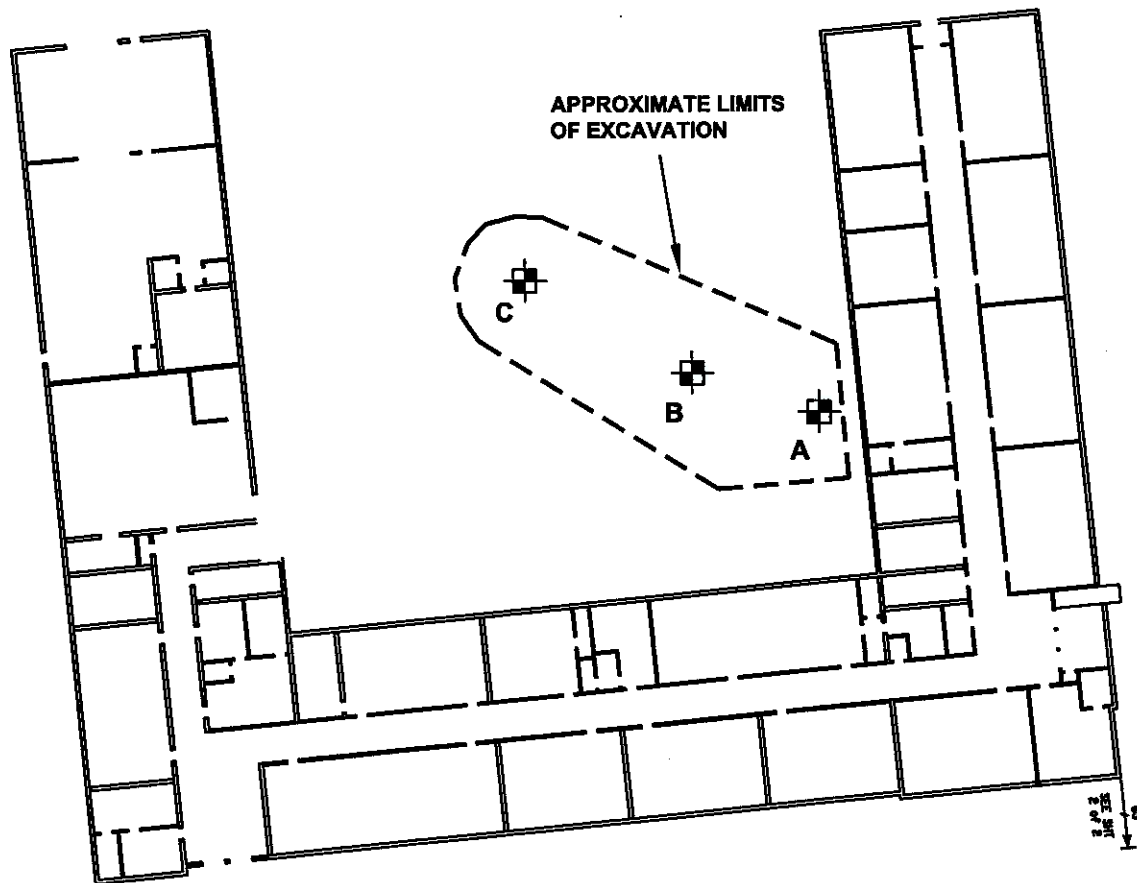
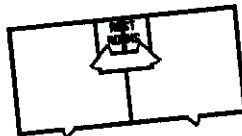
PLATE

**1**

PROJECT NO. 65294.01



SCALE IN FEET  
0 25 50



**LEGEND**

☒ CONFIRMATION SOIL SAMPLE LOCATION

©2008, by Kleinfelder, Inc.



**KLEINFELDER**

4835 LONGLEY LANE  
RENO, NEVADA 89502  
Tel. (775) 689-7800

**SOIL EXCAVATION LOCATIONS**

OWYHEE COMBINED SCHOOL  
OWYHEE, NEVADA

PLATE

**2**

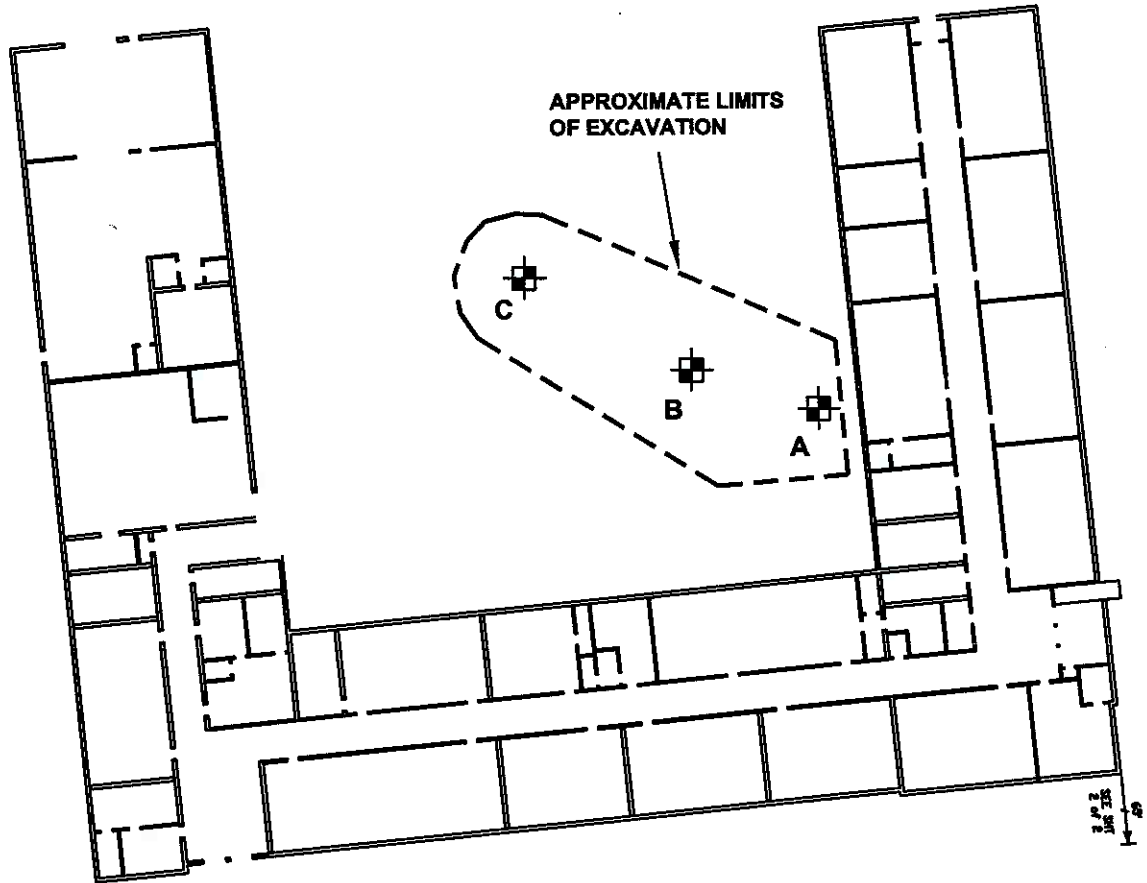
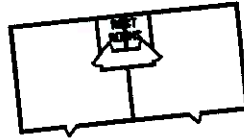
PROJECT NO. 65294.01

CAD FILE: L:\2008\DRAWING\65294\65294-ASSESS.dwg





SCALE IN FEET  
0 25 50



**LEGEND**

☒ CONFIRMATION SOIL SAMPLE LOCATION

©2006, by Kleinfelder, Inc.



**KLEINFELDER**

4835 LONGLEY LANE  
RENO, NEVADA 89502  
Tel. (775) 689-7800

**SOIL EXCAVATION LOCATIONS**

OWYHEE COMBINED SCHOOL  
OWYHEE, NEVADA

PLATE

**2**

PROJECT NO. 65294.01



Photo 1:  
Playground equipment  
removal.



Photo 2:  
Asphalt removal.

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*An employee-owned company*

## PHOTOGRAPHS

Owyhee Combined School  
Owyhee, Nevada

PLATE

**3**

PROJECT NO.: 65294.02



Photo 3:  
Petroleum containing soil  
visible at start of  
excavation activities.



Photo 4:  
Ongoing excavation  
activities.

©2006 by Kleinfelder, Inc.



## PHOTOGRAPHS

Owyhee Combined School  
Owyhee, Nevada

PLATE

4

PROJECT NO.: 65294.02





Photo 5:  
Excavation backfill  
compaction.



Photo 6:  
Final compaction of  
asphalt.

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## PHOTOGRAPHS

Owyhee Combined School  
Owyhee, Nevada

PLATE

**5**

PROJECT NO.: 65294.02

## **APPENDIX B**

### **TABLES**

Table 1

**Soil Sample Analytical Results  
Owyhee Combined School  
Owyhee, Nevada**

Date	Sample Number	TPH-DRO (mg/Kg)	TPH-ORO (mg/Kg)	Arsenic (mg/L)	Barium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Mercury (mg/L)	Selenium (mg/L)	Silver (mg/L)
8/14/2006	A (SE end)	1300	230	NA	NA	NA	NA	NA	NA	NA	NA
8/14/2006	B (Center)	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
8/14/2006	C (NW end)	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
8/16/2006	1,2,3,4,5	330	410	ND	2.2	ND	ND	ND	ND	ND	ND
8/16/2006	6,7,8,9,10	230	220	ND	2.5	ND	ND	ND	ND	ND	ND

TPH-DRO = total petroleum hydrocarbons in the range of diesel reported in milligrams per kilogram (mg/Kg)

TPH-ORO = total petroleum hydrocarbons in the range of oil

mg/L = milligrams per liter

1,2,3,4,5 = five aliquot composite sample

6,7,8,9,10 = five aliquot composite sample

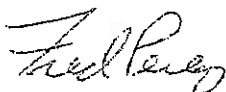


**APPENDIX C**  
**SOIL DISPOSAL CERTIFICATE**

### CERTIFICATE OF DISPOSAL

This is to certify that on 8-11-06 through 8-23-06 Idaho Waste Systems, Inc. disposed of 170.91 tons of asphalt, at our Simco Road Facility. After careful review of the waste profile # 2253 and analytical test results, Idaho Waste Systems, Inc. accepts title and ownership of the waste that was delivered to our Simco Road Facility by Corder LLC on behalf of Canyon Construction, the original owner of said waste.

Fred Perez

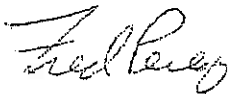


General Manager  
Idaho Waste Systems, Inc.

**CERTIFICATE OF DISPOSAL**

This is to certify that on 8-11-06 through 8-23-06 Idaho Waste Systems, Inc. disposed of 789.62 tons of RC Soil, at our Simco Road Facility. After careful review of the waste profile # 2253 and analytical test results, Idaho Waste Systems, Inc. accepts title and ownership of the waste that was delivered to our Simco Road Facility by Corder LLC on behalf of Canyon Construction, the original owner of said waste.

Fred Perez



General Manager  
Idaho Waste Systems, Inc.



## **APPENDIX D**

### **THURSTON TESTING LABORATORY REPORT**



# THURSTON TESTING LABORATORY

CONSTRUCTION TESTING

776 SILVER STREET - ELKO, NEVADA 89801  
Phone: (775) 738-4611 Fax: (775) 738-4611

August 25, 2006

Mr. John Bland  
ECSD  
1092 Burns Road  
Elko, Nevada

Dear John,

This letter reports our test results and observations during remediation of contaminated soils in the playground area at Owyhee School.

We began our testing services on Monday, August 14th. At that time, the contaminated soils had been removed and partially replaced with an import fill; our tests showed good compaction. The following day, we tested the surface of the backfill, and again found good compaction.

On Friday the 18th, we returned to check proof-rolling of the already existing in-place soils. We observed a small pumping area approximately 30' north and 45' west of the southeast playground corner. Although the soil here was soft and yielding, it returned to its original shape after equipment had passed over it and did not hold ruts or other surface markings. Due to the very minimal intended loading and the likelihood of further drying, we did not feel it would be advisable to cancel the paving scheduled for the following day.

Asphalt paving was done by Idaho Sand and Gravel on Saturday, August 19th. Depths were 3" everywhere we checked; temperatures were within range for AC asphalt, and workmanship was better than average. We collected a sample for possible future laboratory testing, but have not performed any tests.

In our subsequent telephone conversation with you, we understand that the asphalt pavement is moving under foot traffic in the pumping area. We still believe this is a minimal problem that will get better with time rather than worse as the underlying soils dry and the asphalt pavement further cures and stabilizes. A slurry seal might be considered where the pavement has cracked.

Enclosed are test results.

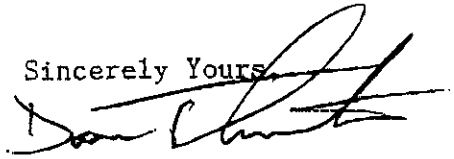
Unless other developments arise this should complete our role in this project. Kleinfelder, Canyon, and Idaho Sand & Gravel should be congratulated for finishing this project in a timely and efficient manner. As always, please feel free to call if questions arise.

## THURSTON TESTING LABORATORY

August 25, 2006

Page 2

Sincerely Yours

A handwritten signature in black ink, appearing to read "Dan Thurston", written over the typed name.

Daniel J Thurston

cc: Kleinfelder

Canyon Construction Company

Idaho Sand and Gravel

TEST NO.	LOCATION	DEPTH OR ELEVATION	MOISTURE CONTENT (%)	DRY DENSITY (PCF)	MAX. DRY DENSITY (PCF)	RELATIVE COMPACTION (%)	REMARKS
1	Backfill of formerly contaminated area	2.5	7.2	132	134	98	8-14-06
2	" " " " "	2.0	3.3	124	134	93	8-14-06
3	" " " " "	S.G.	3.4	128	134	96	8-15-06

## THURSTON TESTING LABORATORY

FILE NO: 85-60 DRAWN BY: aiiDATE: 8-18-06 CHKD. BY: DJT

## FIELD COMPACTION TEST RESULTS

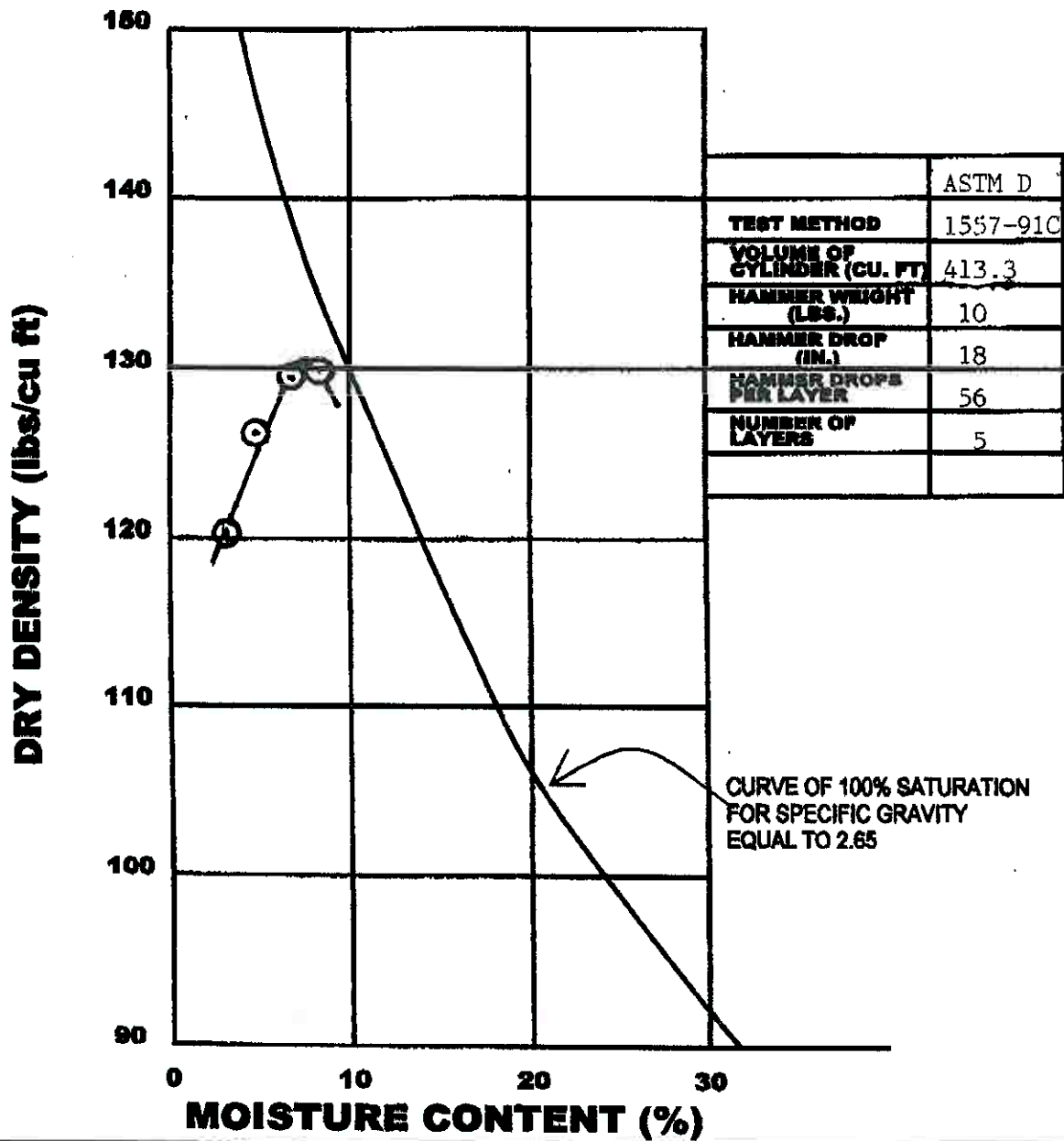
Owyhee School

Elko County School District



Owyhee School

Elko County School District



Sample Source

Soil Description

Maximum Dry  
Density (pcf)Optimum  
Moisture (%)

Mountain Home, ID

Brown Gravelly Sand (SM-SP)

131

7½

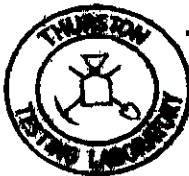
# THURSTON TESTING LABORATORY

CONSTRUCTION TESTING



FILE NO.: 85-60 DRAWN BY: \_\_\_\_\_

DATE: 8-18-06 CHKD. BY: \_\_\_\_\_

**THURSTON TESTING LABORATORY**

Construction Testing

776 Silver Street - Elko, Nevada 89801

Telephone/Fax (775) 738-4611

TO: Mr. John Bland

DATE: 8-15-06

ECSD

CC: Mr. Josh Fortman

FILE NO.: 85-60

SUBJECT: Test Results

**SAMPLE DATA**PROJECT: Owyhee SchoolSAMPLE DESCRIPTION: Gray Gravelly SandPROPOSED FOR: Mass FillSOURCE: Mountain HomeSAMPLED BY & DATE / DATE RECEIVED: Others / 8/14/06LOCATION SAMPLED: -**TEST RESULTS**

1"	100
3/4"	99
1/2"	88
3/8"	80
#4	65
#8	53
#10	46
#16	29
#30	14
#40	10
#50	8
#100	7
#200	5.1

## **APPENDIX E**

### **ANALYTICAL LABORATORY RESULTS AND CHAIN OF CUSTODY**



# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

Kleinfelder  
4835 Longley Lane  
Reno, NV 89502

Attn: Josh Fortmann  
Phone: (775) 689-7800  
Fax: (775) 689-7810  
Date Received : 08/22/06

Job#: 65294.02

### Total Petroleum Hydrocarbons - Extractable (TPH-E) EPA Method SW8015B

	Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID : A (SE end)	TPH-E (DRO)	1,300	100 mg/Kg	08/14/06	08/23/06
Lab ID : KLF06082205-01A	TPH-E (ORO)	230 G	100 mg/Kg	08/14/06	08/23/06
Client ID : B (Center)	TPH-E (DRO)	ND	10 mg/Kg	08/14/06	08/23/06
Lab ID : KLF06082205-02A	TPH-E (ORO)	ND	10 mg/Kg	08/14/06	08/23/06
Client ID : C (NW end)	TPH-E (DRO)	ND	10 mg/Kg	08/14/06	08/23/06
Lab ID : KLF06082205-03A	TPH-E (ORO)	ND	10 mg/Kg	08/14/06	08/23/06
Client ID : Composite of samples 1,2,3,4,5	TPH-E (DRO)	330	100 mg/Kg	08/14/06	08/23/06
Lab ID : KLF06082205-09A	TPH-E (ORO)	410 G	100 mg/Kg	08/14/06	08/23/06
Client ID : Composite of samples 6,7,8,9,10	TPH-E (DRO)	230	100 mg/Kg	08/16/06	08/24/06
Lab ID : KLF06082205-15A	TPH-E (ORO)	220 G	100 mg/Kg	08/16/06	08/24/06

Diesel Range Organics (DRO) C13-C22

G = ORO compounds have varying amounts of recovery.

Oil Range Organics (ORO) C22-C40+

ND = Not Detected

*Roger Scholl*

*Randy Gardner*

*Walter Hinchman*

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

*8*

8/29/06

Report Date





# Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778  
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

## ANALYTICAL REPORT

Kleinfelder  
4835 Longley Lane  
Reno, NV 89502

Attn: Josh Fortmann  
Phone: (775) 689-7800  
Fax: (775) 689-7810  
Date Received : 08/22/06

Job#: 65294.02

### TCLP Metals by ICPMS EPA Method SW1311 / SW6020 / SW6020A

		Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	Composite of samples 1,2,3,4,5					
Lab ID :	KLF06082205-09A	Chromium (Cr)	ND	0.10 mg/L	08/14/06	08/23/06
		Arsenic (As)	ND	0.10 mg/L	08/14/06	08/23/06
		Selenium (Se)	ND	0.10 mg/L	08/14/06	08/23/06
		Silver (Ag)	ND	0.10 mg/L	08/14/06	08/23/06
		Cadmium (Cd)	ND	0.10 mg/L	08/14/06	08/23/06
		Barium (Ba)	2.2	1.0 mg/L	08/14/06	08/23/06
		Mercury (Hg)	ND	0.10 mg/L	08/14/06	08/23/06
		Lead (Pb)	ND	0.10 mg/L	08/14/06	08/23/06
Client ID :	Composite of samples 6,7,8,9,10					
Lab ID :	KLF06082205-15A	Chromium (Cr)	ND	0.10 mg/L	08/16/06	08/23/06
		Arsenic (As)	ND	0.10 mg/L	08/16/06	08/23/06
		Selenium (Se)	ND	0.10 mg/L	08/16/06	08/23/06
		Silver (Ag)	ND	0.10 mg/L	08/16/06	08/23/06
		Cadmium (Cd)	ND	0.10 mg/L	08/16/06	08/23/06
		Barium (Ba)	2.5	1.0 mg/L	08/16/06	08/23/06
		Mercury (Hg)	ND	0.10 mg/L	08/16/06	08/23/06
		Lead (Pb)	ND	0.10 mg/L	08/16/06	08/23/06

ND = Not Detected

*Roger Scholl*     *Randy Gardner*     *Walter Hinchman*  
Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Hinchman, Quality Assurance Officer  
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

*AS*  
8/29/06  
Report Date

Billing Information :  
Kleinfelder  
4835 Longley Lane

Reno, NV 89502

**Client:**

Kleinfelder  
4835 Longley Lane

Reno, NV 89502

Report Attention : Josh Fortmann

CC Report :

QC Level : 1 = Final Rpt Only

# CHAIN-OF-CUSTODY RECORD

## Alpha Analytical, Inc.

255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778  
TEL: (775) 355-1044 FAX: (775) 355-0406

Josh Fortmann

TEL: (775) 689-7800 x 109  
FAX: (775) 689-7810  
Email jfortmann@kleinfelder.com

Job : 65294.02

PO :

Client's COC # : 14030

EDD Required : No

Sampled by : PJT

Cooler Temp 4 °C

Samples Received

22-Aug-06

Date Printed

22-Aug-06

WorkOrder : KLF06082205

Report Due By : 5:00 PM On : 30-Aug-06

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles			PWS #	Requested Tests			Sample Remarks
				ORG	SUB	TAT		COMPOSITE E	METALS_T CLP	TPHE_N	
KLF06082205-01A	A (SE end)	SO	08/14/06 07:10	1	0	6				TPHE_N	
KLF06082205-02A	B (Center)	SO	08/14/06 07:15	1	0	6				TPHE_N	
KLF06082205-03A	C (NW end)	SO	08/14/06 07:20	1	0	6				TPHE_N	
KLF06082205-04A	Sample 1	SO	08/16/06 08:00	1	0	6		Composite			
KLF06082205-05A	Sample 2	SO	08/16/06 08:00	1	0	6		Composite			
KLF06082205-06A	Sample 3	SO	08/16/06 08:00	1	0	6		Composite			
KLF06082205-07A	Sample 4	SO	08/16/06 08:00	1	0	6		Composite			
KLF06082205-08A	Sample 5	SO	08/16/06 08:00	1	0	6		Composite			
KLF06082205-09A	Composite of samples 1,2,3,4,5	SO	08/14/06 08:00	1	0	6			TCLP_8	TPHE_N	

Comments: Samples brought in by client. Frozen ice.

Signature

Print Name

Company

Date/Time

Logged in by: Elizabeth Sauvageau

Elizabeth Sauvageau

Alpha Analytical, Inc.

8-22-06 12:12

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other)

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

## Billing Information :

Kleinfelder  
4835 Longley Lane

Reno, NV 89502

## Client:

Kleinfelder  
4835 Longley Lane

Reno, NV 89502

Report Attention : Josh Fortmann

CC Report :

QC Level : 1 = Final Rpt Only

## CHAIN-OF-CUSTODY RECORD

Page: 2 of 2

NV

## Alpha Analytical, Inc.

255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778  
TEL: (775) 355-1044 FAX: (775) 355-0406

Josh Fortmann

TEL: (775) 689-7800 x 109

FAX: (775) 689-7810

EMail jfortmann@kleinfelder.com

Job : 65294.02

PO :

Client's COC # : 14030

EDD Required : No

Sampled by : PJT

Cooler Temp 4 °C  
Samples Received 22-Aug-06  
Date Printed 22-Aug-06

Report Due By : 5:00 PM On : 30-Aug-06

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles			Requested Tests			Sample Remarks
				ORG	SUB	TAT	COMPOSITE	METALS_T CLP	TPH/E_S	
KLF06082205-10A	Sample 6	SO	08/16/06 08:00	1	0	6	Composite			
KLF06082205-11A	Sample 7	SO	08/16/06 08:00	1	0	6	Composite			
KLF06082205-12A	Sample 8	SO	08/16/06 08:00	1	0	6	Composite			
KLF06082205-13A	Sample 9	SO	08/16/06 08:00	1	0	6	Composite			
KLF06082205-14A	Sample 10	SO	08/16/06 08:00	1	0	6	Composite			
KLF06082205-15A	Composite of samples 6,7,8,9,10	SO	08/16/06 08:00	1	0	6		TCLP 8	TPH/E_N	

Comments: Samples brought in by client. Frozen ice.

Signature

Print Name

Company

Date/Time

Logged in by: Elizabeth Sauvageau

Elizabeth Sauvageau

Alpha Analytical, Inc.

8-22-06 12:12

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

# mailing information.

Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_  
 Phone Number \_\_\_\_\_ Fax \_\_\_\_\_

**Alpha Analytical, Inc.**  
 255 Glendale Avenue, Suite 21  
 Sparks, Nevada 89431-5778  
 Phone (775) 355-1044  
 Fax (775) 355-0406



Sample collection from which state?

AZ CA NV WA  
 ID OR OTHER Page # of

Client Name <b>Klein Felder</b>		P.O. # <b>65294.02</b>		Job # <b>65294.02</b>		Analyses Required <b>14030</b>	
Address <b>4835 Longley</b>		E-Mail Address		Phone # <b>689-7800</b>		Fax # <b>689-7810</b>	
City, State, Zip <b>Reno NV 89503</b>		Report Attention <b>J Fortman</b>		Sample Description		Total and type of containers ** See below	
Time Sampled	Date Sampled	Office Use Only	Lab ID Number	Sampled by	Matrix* See Key Below	Field Filtered	TAT
0710	8-14	SD	KLFO6082205-01	A (SE end)	-01	✓	✓
0715	8-14	L	-02	B (center)	-02	✓	✓
0720	8-14	L	-03	C (NW end)	-03	✓	✓
0800	8-16	So	-09	1 through 5	-09	✓	✓
0800	8-16	So	-15	6 through 10	-15	✓	✓
			-04	Sample 1	-04		
			-05	Sample 2	-05		
			-06	Sample 3	-06		
			-07	Sample 4	-07		
			-08	Sample 5	-08		
			-10	Sample 6	-10		
			-11	Sample 7	-11		
			-12	Sample 8	-12		
			-13	Sample 9	-13		
			-14	Sample 10	-14		

## ADDITIONAL INSTRUCTIONS:

Relinquished by <b>Phil Tash</b>	Signature <b>Phil Tash</b>	Print Name <b>Phil Tash</b>	Company <b>Klein Felder</b>	Date <b>8-22-08</b>	Time <b>0835</b>
Received by <b>Tasha Pascale</b>	Signature <b>Tasha Pascale</b>	Print Name <b>Tasha Pascale</b>	Company <b>Alpha</b>	Date <b>8/22/08</b>	Time <b>8:35</b>
Relinquished by					
Received by					
Relinquished by					
Received by					

\*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other  
 NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.