

**FINAL
REMEDIAL ACTION REPORT**

**Former Goodfellow Bros. Baseyard
Waipahu, Oahu, Hawaii**

**Prepared for:
Goodfellow Bros., Inc.**

**Prepared by
Pacific Commercial Services LLC
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PCS Job Number: 7542

April 25, 2012



Turnkey Environmental & Construction Services

**FINAL REMEDIAL ACTION REPORT
FORMER GOODFELLOW BROS. BASEYARD
WAIPAHU, OAHU, HAWAII**

Prepared for:
Goodfellow Bros., Inc.

Prepared by:
Pacific Commercial Services, LLC.
P.O. Box 235117
Honolulu, Hawaii 96823

Reviewed by:



Jingbo Chang, Ph.D., Sr. Environmental Scientist

April 25, 2012



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August 18, 2007

Mr. Robert Takamatsu, Esq.
Goodfellow Bros., Inc.
PO Box 970358
Waipahu, HI 96797

Subject: Final Remedial Action Report
Former Goodfellow Bros. Baseyard
Waipahu, Oahu, Hawaii

Dear Mr. Takamatsu:

Pacific Commercial Services LLC (PCS) has prepared the enclosed report that documents the remedial excavation and testing of confirmation samples at the above referenced site.

We appreciate the opportunity to provide our environmental services. Should you have any questions regarding the report, please do not hesitate to call.

Sincerely,

Pacific Commercial Services, LLC

A handwritten signature in black ink, appearing to read 'Jingbo Chang'.

Jingbo Chang, Ph.D.
Sr. Environmental Scientist

Enclosure: Final Remedial Action Report

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EXECUTIVE SUMMARY

Pacific Commercial Services LLC (PCS) was retained by Goodfellow Bros., Inc. (GBI) to remove and dispose of petroleum impacted soil that resulted from the oil release at former GBI baseyard, 93-061 Waipio Point Access Road, Waipahu, Oahu, Hawaii (Site).

The Site was used by GBI from May 1999 to December 2012 as a baseyard for two City and County of Honolulu projects: Waipio Soccer Park and Waipahu Ash Landfill. GBI moved and closed out the baseyard on December 16, 2012 after completion of the two projects.

On September 28, 2011, the Navy inspected the Site and identified five areas that may be impacted by petroleum hydrocarbons: Steel Rack Storage Area (SRA), Gas (fuel) Tank Area (GTA), Oil Spill Area (OSA), Used Oil Tank Area (UOT), and Oil Storage Tank Area (OST).

On December 19, 2011, GBI scraped 3" of surface soil from the five impacted areas and stockpiled the soil on a 6-mil poly sheet. PCS collected one multi-incremental (MI) soil confirmation sample (30 aliquots) from each area for laboratory analysis of total petroleum hydrocarbons as gasoline range organics (TPH-GRO), as diesel range organics (TPH-DRO), and as oil range organics (TPH-ORO). The samples were also analyzed for Benzene, Toluene, Ethylbenzene and xylene (BTEX), and Poly Aromatic Hydrocarbons (PAH). The analytical results indicate that TPH-GRO, BTEX, and PAH were below Hawaii State Department of Health (HDOH) Tier 1 Soil Action Levels (SAL) in all confirmation soil samples in the five areas. TPH-DRO and TPH-ORO were below HDOH Tier 1 SAL in the soil samples in SRA and OST. TPH-DRO was below HDOH Tier 1 SAL in the soil sample in UOT. However, TPH-DRO in GTA (2,600 mg/kg) and OSA (1,100 mg/kg), and TPH-ORO in GTA (1,400 mg/kg), OSA (30,000 mg/kg), and UOT (2,600 mg/kg) were above HDOH Tier 1 SAL (500 mg/kg). PCS also collected a composite sample of soil from the stockpile for analysis for disposal characterization.

On January 5, GBI removed another 6" of petroleum impacted soil (PIS) on GTA, OSA and UOT. PCS collected one MI soil confirmation sample from each area for laboratory analysis of TPH-DRO and TPH-ORO. The analytical results indicate that TPH-DRO was below HDOH Tier 1 SAL in the soil samples in OSA and UOT, but above the SAL in GTA. TPH-ORO was below HDOH Tier 1 SAL in the soil samples in GTA and UOT, but above SAL in OSA.

On March 2, 2012, GBI removed 4'3" of contaminated soil on GTA and removed another 3'3" of contaminated soil on OSA. PCS collected one MI soil sample from each area for laboratory analysis of TPH-DRO for the sample from GTA and TPH-ORO for the sample from OSA. The analytical results indicate that TPH-DRO was below HDOH Tier 1 SAL in the soil sample from GTA and that TPH-ORO was below the SAL in OSA.

Based on the final test results, PCS concluded that the soil contaminants TPH-GRO/DRO/ORO that resulted from the release noted above had been successfully removed from the site. Approximately 105 cubic yards of the impacted soil removed from the Site was subsequently properly disposed of at PVT Land, Ltd.

1.0 INTRODUCTION

Pacific Commercial Services LLC (PCS) prepared this report for Goodfellow Bros., Inc. (GBI). This report documents the remedial action taken, including removal and disposal of petroleum impacted soil (PIS) and soil confirmation sampling and analysis performed during December 19, 2011 to March 2, 2012 at former GBI baseyard, Waipahu, Oahu, Hawaii (Site).

1.1 Background

The Site is located at 93-061 Waipio Point Access Road, Waipahu, Oahu, Hawaii 96797 (Figure 1). The Site was used by GBI from May 1999 to December 2012 as a baseyard for two City and County of Honolulu projects: Waipio Soccer Park and Waipahu Ash Landfill. GBI moved and closed out the baseyard on December 16, 2012 after completion of the two projects.

On September 28, 2011, the Navy inspected the Site and identified five areas that may be impacted by petroleum hydrocarbons: Steel Rack Storage Area (SRA), Gas (fuel) Tank Area (GTA), Oil Spill Area (OSA), Used Oil Tank Area (UOT), and Oil Storage Tank Area (OST) (Figure 2).

PCS recommended proper characterization of petroleum impacted soil, excavation of the impacted soil in the five areas, proper disposal of the excavated soil, and the collection and laboratory analysis of the soil samples from the bottom of the excavation to confirm that all of the impacted soil has been removed from the site.

PCS was retained by GBI to perform the recommended scope of work on December 19, 2011.

1.2 Data Quality Objectives

The data quality objective (DQOs) for this project was to characterize the soil at the bottom of the excavation to confirm that all of the petroleum-impacted soil has been removed from the Site.

The PCS' remediation work followed guidelines from the Hawaii State Department of Health (HDOH) Hazardous and Environmental Emergency Response (HEER) office's *Technical Guidance Manual for the Implementation of the Hawaii State Contingency Plan* (TGM) with additional guidance taken from the HDOH underground storage tank (UST) section's *Technical Guidance Manual for Underground Storage Tank Closure and Release Response*.

Soil samples collected for disposal characterization and confirmation purposes during this project were analyzed using standard analytical methods as outlined in the Environmental Protection Agency's publication SW846, Third Edition (USEPA, 1998) and followed the USEPA's method-specific quality control procedures as outline in SW846.

The applicable action levels/cleanup criteria were the HDOH Tier 1 soil action levels (SAL). Laboratory method detection limits were to be equal to or less than these levels. Each analyte, its method of detection, the detection limit, the HDOH Tier 1 SAL are listed in Table 1.

2.0 METHODOLOGY

This section describes the field activities and laboratory methods employed during the remedial action. PCS provided the personnel and equipment necessary to perform the activities outlined below.

2.1 Soil Excavation

Prior to the arrival of PCS personnel for soil confirmation sampling, GBI operator removed the 3" surface petroleum impacted soil from the five impacted areas and stockpiled the soil on a 6-mil poly sheet on December 19, 2011 using a backhoe loader. The actual dimensions of the excavation areas are shown in Figure 2.

On January 5, 2012, GBI operator removed another 6" of the PIS from three areas (GTA, OSA and UOT) where petroleum impacted soil was not yet removed for the first excavation.

On March 2, 2012, GBI operator removed another 4'3" of the contaminated soil from GTA and removed another 3'3" of the contaminated soil from OSA. Petroleum impacted soil in GTA and OSA was not completely removed on the second excavation. A total of 134.54 tons (approximately 105 cubic yards) of impacted soil were removed. The petroleum impacted soil was loaded directly into a semi-end trailer and hauled to PVT Land for disposition. The disposal manifests and weight tickets are attached in Appendix B.

2.2 Soil Examination and Sampling

During the first two soil excavations, PCS instructed GBI to remove the petroleum stained soil but were not on-site to observe the soil removal. PCS environmental scientist and engineer were on-site to record visual and olfactory evidence of petroleum impact such as soil staining and determined the extent of excavation needed for the third excavation.

The purpose of the confirmation soil sampling is to evaluate if the extent of impacted soils was successfully removed. Confirmation soil sampling took place on December 19, 2011, January 5 and January 17, 2012. Multi-Increment (MI) sampling was performed by PCS personnel. MI samples were collected via a systematic multi-increment sampling process. Each sampling area was divided into 30 sub-cells. Each MI confirmation soil sample consists of 30 sub-samples. Approximately 1 gallon of soil was collected from the 30 subsamples (or 4 oz of soil from each subsample). A 4-oz. glass open mouth jar was used to measure the soil sample volume for each subsample. The subsamples from each excavation area were placed in a plastic bag and packed in wet ice. A separate encore subsample (5 grams per subsample) was collected from each sample collection point and was preserved immediately in the field in methanol in an amber sample bottle for volatile organic analysis. All subsamples from each excavation area was packed in ice and delivered to ESN Pacific, where the soil samples were prepared and processed using their Standard Operations Procedures.

A total of five MI soil confirmation samples (150 aliquots) were collected from the five impacted areas (Figure 2) from the floor of the excavation. The samples were designated GBI-SRA-CS-01, GBI-GTA-CS-01, GBI-OSA-CS-01, GBI-UOT-CS-01, and GBI-OST-CS-01.

A separate composite soil sample (Sample ID: GBI-Stockpile-01) was collected from the stockpile for soil characterization for disposal.

On January 5, 2012, PCS collected three MI soil samples after the second excavation from three impacted areas: GTA, OSA, and UOT using the same methodology.

On March 2, 2012, PCS collected two MI soil samples after the third excavation from two impacted areas: GTA and OSA using the same methodology.

2.3 Decontamination

Sampling equipment decontamination followed the standard hand-washing procedure in PCS' SOP #1 titled Equipment Decontamination (Appendix A). Equipment reused during soil sampling was cleaned between each sample. Soil removal equipment was decontaminated by brushing off any dirt left on the equipment and further cleaning of the equipment with Simple Green®. Decontamination water, used PPE and rags were consolidated with the soil stockpile and disposed of at the PVT Land Landfill.

2.4 Sample Laboratory Analytical Method

ESN Pacific used the standard analytical methods as outlined in the EPA publication SW846, Third Edition (USEPA, 1998). All MI samples were analyzed for the following analytes using the indicated methods:

- TPH-GRO/DRO/ORO using EPA method 8015M;
- BTEX using EPA method 8260
- PAHs using EPA method 8270

The soil sample from the stockpile was analyzed using the following methods:

- TPH-GRO/DRO/ORO using EPA method 8015M;
- BTEX using EPA method 8260
- PAHs using EPA method 8270
- TCLP arsenic, cadmium, chromium and lead using EPA method 1311/6010.

2.5 Petroleum Impacted Soil Disposal

The contaminated soil was characterized as non-RCRA regulated petroleum impacted soil based on test results. Approximately 134.54 tons (approximately 105 cubic yards) of petroleum impacted soil were loaded directly into a semi-end dump trailer and hauled to PVT Land Landfill

for disposition on March 2, 2012 and March 18, 2012. The disposal manifests are attached in Appendix B.

The excavation pits were backfilled using clean native soil by GBI, and the entire area was graded (see attached photo log).

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3.0 RESULTS

3.1 Field Observation

Soil staining was observed prior to the excavation. The excavation ceased after no visible or olfactory evidence of oil impact to soil at the Site was observed and sample test results confirmed removal of impacted soil. Approximately 105 cubic yards of impacted soil were removed.

3.2 Confirmation Soil Sample Results

The laboratory results of the ten MI confirmation soil samples from the five impacted areas are presented in Table 2.

The analytical results of five MI soil confirmation samples taken on December 19, 2011 indicate that TPH-GRO, BTEX, and PAH were below Hawaii State Department of Health (HDOH) Tier 1 Soil Action Levels (SAL) in all confirmation soil samples in the five areas. TPH-DRO and TPH-ORO were below HDOH Tier 1 SAL in the soil samples in SRA and OST. TPH-DRO is below HDOH Tier 1 SAL in the soil sample in UOT. However, TPH-DRO in GTA (2,600 mg/kg) and OSA (1,100 mg/kg), and TPH-ORO in GTA (1,400 mg/kg), OSA (30,000 mg/kg), and UOT (2,600 mg/kg) were above HDOH Tier 1 SAL (500 mg/kg).

After GBI removed another 6" of petroleum impacted soil (PIS) on GTA, OSA and UOT on January 5, 2012, the analytical results of 3 MI soil confirmation samples taken from GTA, OSA, and UOT indicate that TPH-DRO was below HDOH Tier 1 SAL in the soil samples in OSA and UOT, but above the SAL in GTA (1,600 mg/kg). TPH-ORO was below HDOH Tier 1 SAL in GTA and UOT, but above HDOH Tier SAL of 500 mg/kg in OSA.

On March 2, 2012, GBI removed 4'3" of contaminated soil from GTA and removed another 3'3" of contaminated soil from OSA. The analytical results from the soil confirmation samples indicate that TPH-DRO in GTA was not detected at the reporting limit of 50 mg/kg, which is below HDOH Tier 1 SAL of 500 mg/kg. TPH-ORO of 340 mg/kg in OSA soil sample was below HDOH Tier 1 SAL of 500 mg/kg.

Copies of the laboratory reports with chain-of-custody (COC) are located in Appendix C.

4.0 SUMMARY AND CONCLUSIONS

Based on the laboratory results for the ten confirmation soil samples collected from the bottoms of the excavation pits in the five impacted areas, PCS concludes that the soil contaminants of TPH-GRO/DRO/ORO resulted from the release have been successfully removed from the Site. The impacted soil removed from the Site was further properly disposed of at PVT Land, Ltd.

5.0 LIMITATIONS

The conclusions presented in this report are professional opinions based solely on visual observations and laboratory analytical results of the samples collected at the specified time and location. PCS does not assume any liability for incorrect results that were caused by any misrepresentation or omission of information. PCS also does not assume any responsibility for any items not visible, accessible, or present on the project site at the time of remedial action. The above conclusions and opinions are intended only for the purpose, location, and project noted above.

Changes in applicable standards may occur as a result of legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond the control of PCS. Opinions and judgments expressed herein, which are based on PCS' understanding and interpretation of current regulatory standards, should not be construed as legal opinion.

Any questions regarding our work and this report, the presentation of the information, and the interpretation of the data, are welcomed and should be referred to the undersigned.

6.0 REFERENCES

Pacific Commercial Services LLC (PCS), 2011. Proposal for Petroleum Impacted Soil Removal and Disposal at Former Goodfellow Bros. Baseyard, Waipahu, Hawaii.

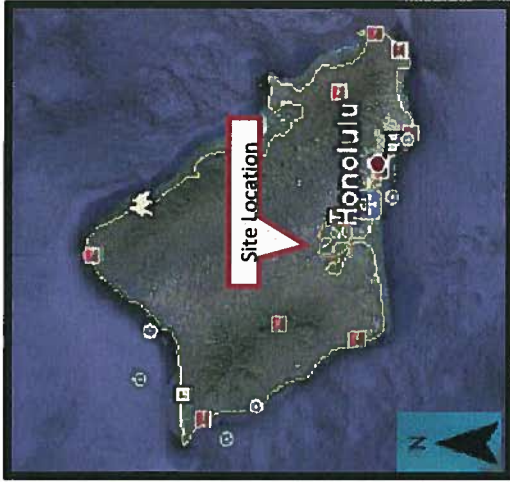
USEPA, 1986. *SW846 – Test Methods for Evaluating Solid Waste, Third edition*. September 1986 with updates.

State of Hawaii Department of Health, Hazard Evaluation and Emergency Response, 1997. *Technical Guidance Manual for the Implementation of The Hawaii State Contingency Plan*. October 1997.

State of Hawaii, Department of Health, Fall 2011. Tier 1 Action Levels, *Technical Guidance Manual for Underground Storage Tank Closure and Release Response*, Rev. January 2012.

LIST OF FIGURES

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Not to Scale

Figure 1
Project Location Map
Former Goodfellow Bros.
Baseyard, Waipahu, HI



LIST OF TABLES

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TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTES AND ACTION LEVELS

| Analyte | EPA Analytical Method | Method Detection Limit (mg/kg) | Reporting Limit (mg/kg) | Sample Bottle Type | Holding Time | Preservative/ Temperature required | HDOH Tier 1 SAL NDW, SW <150m mg/kg | EPA RCRA Limits (mg/L) |
|----------------|-----------------------|--------------------------------|-------------------------|--------------------|--------------|------------------------------------|-------------------------------------|------------------------|
| TPH GRO | 8015m | 6.67000 | 20.00000 | G | 14 day | 4 °C | 2.00E+02 | NS |
| TPH DRO | 8015m | 6.67000 | 50.00000 | G | 14 day | 4 °C | 2.00E+02 | NS |
| TPH ORO | 8015m | 6.67000 | 100.00000 | G | 14 day | 4 °C | 5.00E+02 | NS |
| Benzene | 8260 | 0.05000 | 0.02000 | G | 15 day | 5 °C | 6.70E-01 | NS |
| Toluene | 8260 | 0.05000 | 0.05000 | G | 16 day | 6 °C | 1.00E+01 | NS |
| Ethyl Benzene | 8260 | 0.05000 | 0.05000 | G | 17 day | 7 °C | 2.10E+01 | NS |
| Xylene | 8260 | 0.05000 | 0.15000 | G | 18 day | 8 °C | 1.10E+01 | NS |
| Acenaphthene | 8270 | 0.10600 | 0.20000 | G | 14 day | 4 °C | 2.3E+01 | NS |
| Benzo(a)pyrene | 8270 | 0.00280 | 0.20000 | G | 14 day | 4 °C | 1.5E-01 | NS |
| Fluoranthene | 8270 | 0.09000 | 0.20000 | G | 14 day | 4 °C | 1.0E+02 | NS |
| Naphthalene | 8270 | 0.05070 | 0.20000 | G | 14 day | 4 °C | 4.3E+00 | NS |
| Lead | 6010 | 0.20000 | 10.00000 | G | 180 day | 4 °C | 2.00E+02 | NS |
| TCLP Arsenic | 1311/6010 | 0.00890 | 0.50000 | G | 180 day | 4 °C | NA | 5.0 |
| TCLP Cadmium | 1311/6010 | 0.00230 | 0.05000 | G | 180 day | 4 °C | NA | 1.0 |
| TCLP Chromium | 1311/6010 | 0.00750 | 0.10000 | G | 180 day | 4 °C | NA | 5.0 |
| TCLP Lead | 1311/6010 | 0.00910 | 0.20000 | G | 180 day | 4 °C | NA | 5.0 |

NOTES:

TPH-GRO = Total petroleum hydrocarbons-gasoline range organics (C6-C12)

TPH-DRO = Total petroleum hydrocarbons-diesel range organics (>C12-C24)

TPH-ORO = Total petroleum hydrocarbons-residual range organics (>C24-C32)

mg/kg = Milligrams per kilogram, ug/kg = micrograms per kilogram.

ND = Not detected at or above the reporting limit listed

HDOH EALs = State of Hawaii Department of Health environmental action levels (EALs) Table A, and I-1 from Fall 2011, Rev Jan 2012.

Evaluation of Environmental Hazards at Sites with Contaminated Soil and Groundwater: Volume 2, Appendix 1

NDW, SW <150m: Ground water is not current or potential source of drinking water, and surface water is less than or equal to 150 meters from the site.

N/A = Not applicable

NS = No standard/regulatory guideline for analyte

**TABLE 2
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS**

| Sample ID No. | Date | Sample Depth (feet bgs) | TPH as Gasoline | TPH as Diesel | TPH as Oil | Benzene | Toluene | Ethylbenzene | Total Xylenes | Acenaphthene | Benzo(a)-pyrene | Fluoranthene | Naphthalene |
|---|-----------|-------------------------|-------------------------|---------------|------------|---------|---------|--------------|---------------|--------------|-----------------|--------------|-------------|
| | | | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |
| EPA Analytical Method (SW 846): | | | | | | | | | | | | | |
| | | | 8015m | 8015m | 8015m | 8260 | 8260 | 8260 | 8260 | 8260 | 8270 | 8270 | 8270 |
| | | | 20.0 | 50.0 | 100.0 | 0.020 | 0.050 | 0.050 | 0.15 | 0.20 | 0.20 | 0.20 | 0.20 |
| | | | Reporting Limit: | | | | | | | | | | |
| GBI-SRA-CS-01 | 19-Dec-11 | 3" | 28 | 300 | 350 | nd | 3.5 | 0.70 | 4.10 | nd | nd | nd | nd |
| GBI-GTA-CS-01 | 19-Dec-11 | 3" | 31 | 2600 | 1400 | nd | 3.4 | 0.63 | 3.70 | nd | nd | nd | nd |
| GBI-OSA-CS-01 | 19-Dec-11 | 3" | 27 | 1100 | 30000 | nd | 3.7 | 0.71 | 4.10 | nd | nd | nd | nd |
| GBI-UOT-CS-01 | 19-Dec-11 | 3" | 28 | 400 | 2600 | nd | 3.8 | 0.70 | 3.80 | nd | nd | nd | nd |
| GBI-OST-CS-01 | 19-Dec-11 | 3" | 37 | nd | 400 | nd | 5.2 | 0.98 | 5.80 | nd | nd | nd | nd |
| GBI-GTA-CS-02 | 5-Jan-12 | 1' | NA | 1600 | 170 | NA | NA | NA | NA | NA | NA | NA | NA |
| GBI-OSA-CS-02 | 5-Jan-12 | 1' | NA | nd | 16000 | NA | NA | NA | NA | NA | NA | NA | NA |
| GBI-UOT-CS-02 | 5-Jan-12 | 1' | NA | nd | 350 | NA | NA | NA | NA | NA | NA | NA | NA |
| GBI-GTA-CS-03 | 2-Mar-12 | 5' | NA | nd | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| GBI-OSA-CS-03 | 2-Mar-12 | 4' | NA | NA | 340 | NA | NA | NA | NA | NA | NA | NA | NA |
| HDOH Tier I SALs - NDW, SW<=150 m | | | 200 | 500 | 500 | 0.67 | 10.00 | 21.00 | 11.00 | 23.00 | 0.15 | 100.00 | 4.50 |

NOTES:

TPH = Total petroleum hydrocarbons

mg/kg = Milligrams per kilogram; feet bgs = Feet below ground surface

ND = Not detected at or above the reporting limit listed at top of column

HDOH EALs = State of Hawaii Department of Health environmental action levels (EALs) Table A, and I-1 from Fall 2011, Rev Jan 2012.

Evaluation of Environmental Hazards at Sites with Contaminated Soil and Groundwater- Volume 2, Appendix 1

DW, SW<150m: Ground water is current or potential source of drinking water, and surface water is less than or equal to 150 meters from the site.

N/A = Not applicable

LIST OF PHOTOS

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Photo 1. Steel Rack Storage Area after Surface Soil was Removed.



Photo 2. Gas (Fuel) Storage Tank Area After Surface Soil was Removed.



Photo 3. Oil Spill Area Before Excavation



Photo 4. Gas (Fuel) Storage Tank Area after Second Excavation



Photo 5 Third Excavation on the Gas (Fuel) Storage Tank Area



Photo 6. Contaminated Soil Stockpile.



Photo 7. Gas (Fuel) Tank Excavation Area



Photo 8. Excavating Contaminated Soil at the Oil Spill Area.



Photo 9. Excavation Pit of the Oil Spill Area.

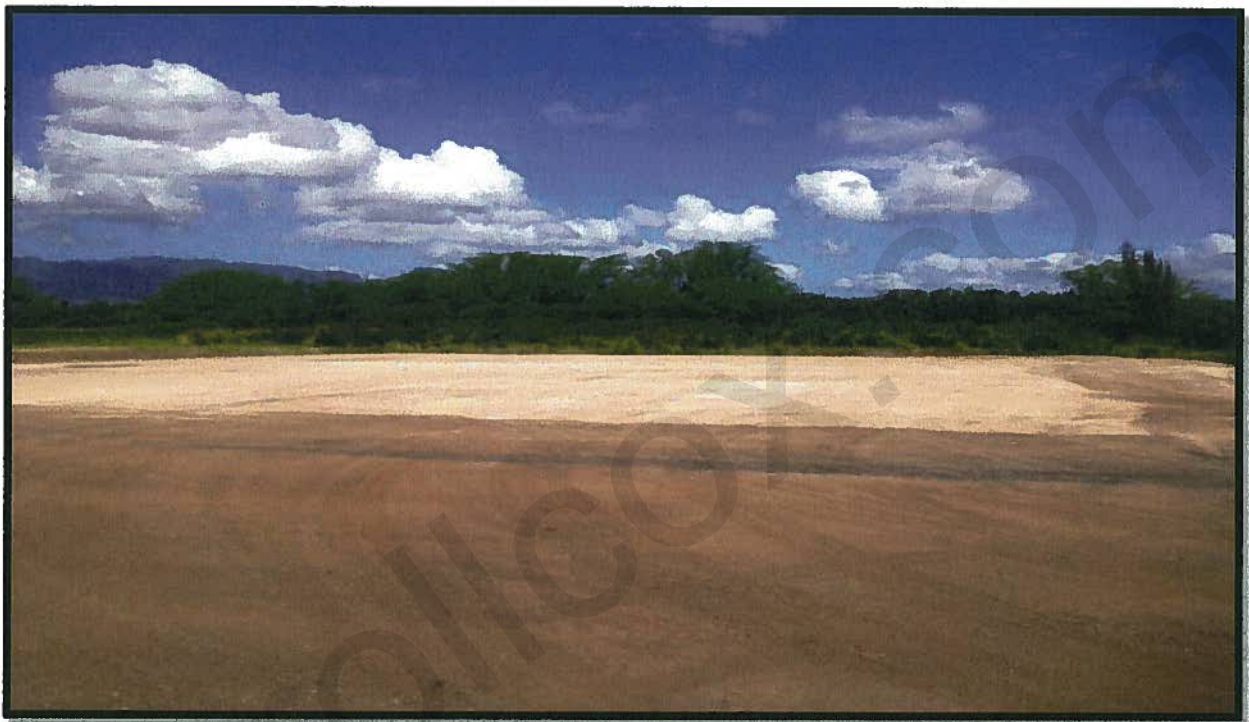


Photo 10. The Site after It was Graded.



Photo 11. Removed Plastic Cover from Contaminated Soil Stockpile



Photo 12. Loading Contaminated Soil into a Semi End Dump

APPENDIX A: PCS SOP

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APPENDIX B: DISPOSAL MANIFESTS AND WEIGHT TICKETS

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629
Pineridge

NON-HAZARDOUS WASTE MANIFEST 1. Generator ID Number: NOT APPLICABLE 2. Page 1 of 1 3. Emergency Response Phone: 1-800-645-8265 4. Waste Tracking Number: 000018054

5. Generator's Name and Mailing Address: GOODFELLOW BROTHERS, INC. P.O. BOX 970358 ATTN: ERVIN HENDRIX III WAIPAHU, HI 96797
Generator's Site Address (if different than mailing address): 93-061 WAIPIO POINT ACCESS ROAD WAIPAHU, HI 96797
Generator's Phone: 808-676-1523
U.S. EPA ID Number: HIC7542-03

6. Transporter 1 Company Name: PINERIDGE FARMS, INC. U.S. EPA ID Number: HIR000001099
808-847-6746

7. Transporter 2 Company Name: U.S. EPA ID Number:
8. Designated Facility Name and Site Address: PVT LAND COMPANY, LTD. 87-2020 FARRINGTON HIGHWAY WAIANAE, HI 96792 U.S. EPA ID Number: NOT APPLICABLE
Facility's Phone: 808-668-4561

| 9. Waste Shipping Name and Description | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. | |
|--|----------------|------|--------------------|-------------------|----------|
| | No. | Type | | | |
| 1. MATERIAL NOT REGULATED BY DOT (PETROLEUM CONTAMINATED SOIL) | 001 | DT | 40000 | P | NON-RCRA |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |

13. Special Handling Instructions and Additional Information
9b1: NR 77246 2008 9b1: SEND COPY TO:
9b2: * ERG# 9b2: PCS LLC
9b3: * DO/JOE 9b3: P.O. BOX 235117
9b4: * 7542 9b4: HONOLULU, HI 96823

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offoror's Printed/Typed Name: ERVIN HENDRIX III Signature: [Signature] Month: 3 Day: 2 Year: 12

15. International Shipments: Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter Signature (for exports only): Date leaving U.S.:

Transporter 1 Printed/Typed Name: DENNISH ABRAM Signature: [Signature] Month: 3 Day: 2 Year: 12
Transporter 2 Printed/Typed Name: Signature: [Signature] Month: Day: Year:

17. Discrepancy
17a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator): U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator): Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name: R. Ishii Signature: [Signature] Month: 3 Day: 2 Year: 12

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
NOT APPLICABLE

2. Page 1 of 1

3. Emergency Response Phone
1-800-645-8265

4. Waste Tracking Number
000018053

5. Generator's Name and Mailing Address
GOODFELLOW BROTHERS, INC.
P.O. BOX 970358 ATTN: ERVIN HENDRIX III
WAIPAHU, HI 96797
Generator's Phone: 808-676-1523

Generator's Site Address (if different than mailing address)
HIC7542-02
93-061 WAIPIO POINT ACCESS ROAD
WAIPAHU, HI 96797

6. Transporter 1 Company Name
PINERIDGE FARMS, INC.
808-847-6746

U.S. EPA ID Number
H I R 0 0 0 0 0 1 0 9 9

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
PVT LAND COMPANY, LTD.
87-2020 FARRINGTON HIGHWAY
WAIANAE, HI 96792
Facility's Phone: 808-668-4561

U.S. EPA ID Number
NOT APPLICABLE

| 9. Waste Shipping Name and Description | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. | |
|--|----------------|------|--------------------|-------------------|----------|
| | No. | Type | | | |
| 1. MATERIAL NOT REGULATED BY DOT (PETROLEUM CONTAMINATED SOIL) | 001 | DT | 40000 | P | NON-RCRA |
| 2. <i>IP 639911</i> | | | | | |
| 3. <i>Jan 17 54</i> | | | | | |
| 4. | | | | | |

13. Special Handling Instructions and Additional Information
9b1: NR 77246
9b2: *
9b3: *
9b4: *

2008 9b1: SEND COPY TO:
ERG# 9b2: PCS LLC
DO/JOE 9b3: P.O. BOX 235117
7542 9b4: HONOLULU, HI 96823

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offoror's Printed/Typed Name: **ERVIN HENDRIX III**
Signature: *[Signature]*
Month: **3** Day: **2** Year: **12**

15. International Shipments Import to U.S. Export from U.S.
Port of entry/exit: _____
Date leaving U.S.: _____

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: *[Signature]*
Signature: *[Signature]*
Month: **3** Day: **2** Year: **12**

Transporter 2 Printed/Typed Name: _____
Signature: _____
Month: _____ Day: _____ Year: _____

17. Discrepancy
17a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

17b. Alternate Facility (or Generator)
Manifest Reference Number: _____
U.S. EPA ID Number: _____

Facility's Phone: _____
17c. Signature of Alternate Facility (or Generator)
Month: _____ Day: _____ Year: _____

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
Printed/Typed Name: *K. Ishii*
Signature: *[Signature]*
Month: **3** Day: **2** Year: **12**

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

Manifest 18054

PVT LAND COMPANY LTD.
87-2020 FARRINGTON HWY.
WAIANA, HI 96792

Ticket #: 639911

Bill To: PACIFIC COMMERCIAL SERVICES LLC
Haul Acct/Veh #: PINERI /PINER-607
PO/Job #:7542/7542-01
Date: 03/02/12 Time I/O:11:21 /11:39
Cir #: 77246 - Waipio Point Access Road

Material: 2500 - Special Waste-A
Gross: 67680 Tare: 32800 Net:35080 lbs
17.54 Tons @ \$95.00/tn \$ 1666.30
Fees:HX-1 95.00
Tax 82.99

TOTAL \$1844.29

COD Customer: 1 - 1 Not Specified
Notes:

STATE OF HAWAII CERTIFICATE OF MEASURES
DIVISION OF MEASUREMENT STANDARDS

This certifies to the accuracy and
identity of the quantity & commodity
shown, is suitable for all deliveries
when sealed by a measuremaster.

STATE OF HAWAII MEASUREMASTER
NO.3515 Registered Intls RD1

Pmnt Type: 1 - Charge (Invoice)
Fee codes: HX-H Fee (SW)
<<< COVER YOUR LOAD >>>

Manifest 18053

PVT LAND COMPANY LTD.
87-2020 FARRINGTON HWY.
WAIANA, HI 96792

Ticket #: 639943

Bill To: PACIFIC COMMERCIAL SERVICES LLC
Haul Acct/Veh #: PINERI /PINER-629
PO/Job #:7542-01/7542
Date: 03/02/12 Time I/O:12:56 /13:09
Cir #: 77246 - Waipio Point Access Road

Material: 2500 - Special Waste-A
Gross: 63060 Tare: 25680 Net:37400 lbs
18.70 Tons @ \$95.00/tn \$ 1776.50
Fees:HX-1 95.00
Tax 88.19

TOTAL \$1959.69

COD Customer: 1 - 1 Not Specified
Notes:

STATE OF HAWAII CERTIFICATE OF MEASURES
DIVISION OF MEASUREMENT STANDARDS

This certifies to the accuracy and
identity of the quantity & commodity
shown, is suitable for all deliveries
when sealed by a measuremaster.

STATE OF HAWAII MEASUREMASTER
NO.3515 Registered Intls RD1

Pmnt Type: 1 - Charge (Invoice)
Fee codes: HX-H Fee (SW)
<<< COVER YOUR LOAD >>>

Manifest 18055

PVT LAND COMPANY LTD.
87-2020 FARRINGTON HWY.
WAIANAЕ, HI 96792

Ticket #: 639965

Bill To: PACIFIC COMMERCIAL SERVICES LLC
Haul Acct/Veh #: PINERI /PINER-807
PO/Job #:7542-01/7542
Date: 03/02/12 Time I/O:13:35 /13:52
Clr #: 77246 - Waipio Point Access Road

Material: 2500 - Special Waste-A
Gross: 78000 Tare: 32640 Net:43360 lbs
21.88 Tons @ \$95.00/tn \$ 2059.60
Fees:HX-1 95.00
Tax 101.52

TOTAL \$2256.12

COD Customer: 1 - 1 Not Specified
Notes:

STATE OF HAWAII CERTIFICATE OF MEASURES
DIVISION OF MEASUREMENT STANDARDS

This certifies to the accuracy and
identity of the quantity & commodity
shown, is suitable for all deliveries
when sealed by a measuremaster.

STATE OF HAWAII MEASUREMASTER
NO.3515 Registered Int'l's RD1

Pmnt Type: 1 - Charge (Invoice)
Fee codes: HX-H Fee (SW)
<<< COVER YOUR LOAD >>>

Alameda 607

| | | | | | | | | |
|--|---|--|--|---|---------------------------------------|---|----------|--|
| NON-HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number NOT APPLICABLE | 2. Page 1 of 1 | 3. Emergency Response Phone 1-800-645-8265 | 4. Waste Tracking Number 000018055 | | | |
| 5. Generator's Name and Mailing Address GOODFELLOW BROTHERS, INC. P.O. BOX 970358, ATTN: ERVIN HENDRIX III WAIPAHU, HI 96797 | | | Generator's Site Address (if different than mailing address) 93-061 WAIPIO POINT ACCESS ROAD WAIPAHU, HI 96797 HIC7542-04 | | | | | |
| Generator's Phone: 808-676-1523 | | | | | | | | |
| 6. Transporter 1 Company Name PINERIDGE FARMS, INC. | | | 808-847-6746 | | U.S. EPA ID Number HIR000001099 | | | |
| 7. Transporter 2 Company Name | | | | | U.S. EPA ID Number | | | |
| 8. Designated Facility Name and Site Address PVT LAND COMPANY, LTD. 87-2020 FARRINGTON HIGHWAY WAIANAE, HI 96792 | | | U.S. EPA ID Number NOT APPLICABLE | | | | | |
| Facility's Phone: 808-668-4561 | | | | | | | | |
| GENERATOR | 9. Waste Shipping Name and Description | | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. | NON-RCRA | |
| | 1. MATERIAL NOT REGULATED BY DOT (PETROLEUM CONTAMINATED SOIL) <i>#639965 Jan/2/18</i> | | No. | Type | | | | |
| | | | 001 | DT | 40000 | P | | |
| | 2. | | | | | | | |
| | 3. | | | | | | | |
| 4. | | | | | | | | |
| 13. Special Handling Instructions and Additional Information 9b1: * 9b2: * 9b3: * 9b4: * | | 2008 ERG# DO/JOE 7542 | | 9b1: 9b2: 9b3: 9b4: | | SEND COPY TO: PCS LLC P.O. BOX 235117 HONOLULU, HI 96823 | | |
| 14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. | | | | | | | | |
| Generator's/Offeror's Printed/Typed Name <i>ERVIN HENDRIX III</i> | | | Signature <i>[Signature]</i> | | | Month Day Year <i>3 2 12</i> | | |
| INTL | 15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ | | | | | | | |
| | 16. Transporter Acknowledgment of Receipt of Materials | | | | | | | |
| TRANSPORTER | Transporter 1 Printed/Typed Name <i>Kean Book</i> | | | Signature <i>[Signature]</i> | | Month Day Year <i>3 2 12</i> | | |
| | Transporter 2 Printed/Typed Name | | | Signature | | Month Day Year | | |
| DESIGNATED FACILITY | 17. Discrepancy | | | | | | | |
| | 17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | | |
| | Manifest Reference Number: _____ | | | | | | | |
| 17b. Alternate Facility (or Generator) | | | U.S. EPA ID Number | | | | | |
| Facility's Phone: | | | | | | | | |
| 17c. Signature of Alternate Facility (or Generator) | | | Month Day Year | | | | | |
| | | | | | | | | |
| 18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a | | | | | | | | |
| Printed/Typed Name <i>R. Ishii</i> | | | Signature <i>[Signature]</i> | | | Month Day Year <i>3 2 12</i> | | |

Manifest 18130

PVT LAND COMPANY LTD.
87-2020 FARRINGTON HWY.
WAIANAE, HI 96792

Ticket #: 641297

Bill To: PACIFIC COMMERCIAL SERVICES LLC
Haul Acct/Veh #: CJPETE /CJPET-T03
PO/Job #: 7542-01/7542
Date: 03/16/12 Time I/O:09:13 /09:51
Clr #: 77246 - Waipio Point Access Road

Material: 2500 - Special Waste-A
Gross: 113220 Tare: 38020 Net:75200 lbs
37.60 Tons @ \$95.00/tn \$ 3572.00
Fees:HX-1 95.00
Tax 172.79

TOTAL \$3839.79

COD Customer: 1 - 1 Not Specified
Notes:

STATE OF HAWAII CERTIFICATE OF MEASURES
DIVISION OF MEASUREMENT STANDARDS

This certifies to the accuracy and
identity of the quantity & commodity
shown, is suitable for all deliveries
when sealed by a measuremaster.

STATE OF HAWAII MEASUREMASTER
NO.3348 Registered Intls MD

Pmnt Type: 1 - Charge (Invoice)
Fee codes: HX-H Fee (SW)
<<< COVER YOUR LOAD >>>

SJA

C1 9/16/08

| | | | | | | |
|--|--|---|--|---|---------------------------------------|---|
| NON-HAZARDOUS WASTE MANIFEST | | 1. Generator ID Number CESQG | 2. Page 1 of 1 | 3. Emergency Response Phone 1-800-645-8265 | 4. Waste Tracking Number 000018130 | |
| 5. Generator's Name and Mailing Address GOODFELLOW BROTHERS, INC. P.O. BOX 970358 ATTN: ERVIN HENDRIX III WAIPAHU, HI 96797 Generator's Phone: 808-676-1523 | | | Generator's Site Address (if different than mailing address) HIC7542-10 93-061 WAIPIO POINT ACCESS ROAD WAIPAHU, HI 96797 | | | |
| 6. Transporter 1 Company Name C J PETERSON SERVICES INC | | | 808-678-9527 | | U.S. EPA ID Number NOT APPLICABLE | |
| 7. Transporter 2 Company Name | | | | | U.S. EPA ID Number NOT APPLICABLE | |
| 8. Designated Facility Name and Site Address EVT LAND COMPANY, LTD. 87-2020 FARRINGTON HIGHWAY WAIANAE, HI 96792 Facility's Phone: 808-668-4561 | | | U.S. EPA ID Number NOT APPLICABLE | | | |
| GENERATOR | 9. Waste Shipping Name and Description | | 10. Containers | | 11. Total Quantity | |
| | | | No. | Type | 12. Unit Wt./Vol. | |
| | 1. MATERIAL NOT REGULATED BY DOT (PETROLEUM CONTAMINATED SOIL) | | 001 | DT | 40000 | P |
| | 2. | | | | | |
| | 3. | | | | | |
| 4. | | | | | | |
| 13. Special Handling Instructions and Additional Information | | | | | | |
| 9b1: NR 77246 | | 2008 9b1: SEND COPY TO: | | | | |
| 9b2: * | | ERG# 9b2: PCS LLC | | | | |
| 9b3: * | | DO/JOE 9b3: P.O. BOX 285117 | | | | |
| 9b4: * | | 7542 9b4: HONOLULU, HI 96823 | | | | |
| 14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. | | | | | | |
| Generator's/Offeror's Printed/Typed Name ALFRED CHENG | | Signature <i>Alfred Cheng</i> | | Month Day Year 03 16 12 | | |
| 15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.: | | | | | | |
| 16. Transporter Acknowledgment of Receipt of Materials | | | | | | |
| Transporter 1 Printed/Typed Name Jefferson A Marquez | | Signature <i>Jefferson A Marquez</i> | | Month Day Year 03 16 12 | | |
| Transporter 2 Printed/Typed Name | | Signature | | Month Day Year | | |
| 17. Discrepancy | | | | | | |
| 17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | |
| 17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number: | | | | | | |
| Facility's Phone: | | | | | | |
| 17c. Signature of Alternate Facility (or Generator) Month Day Year | | | | | | |
| 18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a | | | | | | |
| Printed/Typed Name MARY JOSE | | Signature <i>Mary Jose</i> | | Month Day Year 3 16 12 | | |

Sub
CJ Peter 07

| | | | | | | |
|--|--|--|--|--|-------------------|----------|
| NON-HAZARDOUS WASTE MANIFEST | 1. Generator ID Number CRSOG | 2. Page 1 of 1 | 3. Emergency Response Phone 1-800-645-8265 | 4. Waste Tracking Number 000018128 | | |
| 5. Generator's Name and Mailing Address GOODFELLOW BROTHERS, INC. P.O. BOX 970358 ATTN: ERVIN HENDRIX III WAIPAHU, HI 96797 | | Generator's Site Address (if different than mailing address) 93-061 WAIPIO POINT ACCESS ROAD WAIPAHU, HI 96797 | | | | |
| Generator's Phone: 808-676-1523 | | HIC7542-08 | | | | |
| 6. Transporter 1 Company Name C J PETERSON SERVICES INC | | U.S. EPA ID Number 808-678-0527 | | NOT APPLICABLE | | |
| 7. Transporter 2 Company Name | | U.S. EPA ID Number | | NOT APPLICABLE | | |
| 8. Designated Facility Name and Site Address PVT LAND COMPANY, LTD. 87-2020 FARRINGTON HIGHWAY WAIANAE, HI 96792 | | U.S. EPA ID Number NOT APPLICABLE | | | | |
| Facility's Phone: 808-668-4561 | | | | | | |
| GENERATOR | 9. Waste Shipping Name and Description | 10. Containers | | 11. Total Quantity | 12. Unit Wt./Vol. | |
| | | No. | Type | | | |
| | 1. MATERIAL NOT REGULATED BY DOT (PETROLEUM CONTAMINATED SOIL) | | | | | |
| | | 001 | DT | 40000 | P | NON-RCRA |
| | 2. | | | | | |
| 3. | | | | | | |
| 4. | | | | | | |
| 13. Special Handling Instructions and Additional Information | | | | | | |
| 9b1: NR 77246 | | 2008 9b1: SEND COPY TO: | | | | |
| 9b2: * | | ERG# 9b2: PCS LLC | | | | |
| 9b3: * | | DO/JOE 9b3: P.O. BOX 235117 | | | | |
| 9b4: * | | 7542 9b4: HONOLULU, HI 96823 | | | | |
| 14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. | | | | | | |
| Generator's/Offeror's Printed/Typed Name ALFRED CHENG | | Signature <i>Alfred Cheng</i> | | Month Day Year 03 16 12 | | |
| 15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Point of entry/exit: Date leaving U.S.: | | | | | | |
| 16. Transporter Acknowledgment of Receipt of Materials | | | | | | |
| Transporter 1 Printed/Typed Name Jared Solomon | | Signature <i>Jared Solomon</i> | | Month Day Year 3 16 12 | | |
| Transporter 2 Printed/Typed Name | | Signature | | Month Day Year | | |
| 17. Discrepancy | | | | | | |
| 17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection | | | | | | |
| 17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number | | | | | | |
| Facility's Phone: | | | | | | |
| 17c. Signature of Alternate Facility (or Generator) Month Day Year | | | | | | |
| 18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17c | | | | | | |
| Printed/Typed Name MARY JANE | | Signature <i>Mary Jane</i> | | Month Day Year 3 16 12 | | |

Manifest 18108

PVT LAND COMPANY LTD.
87-2020 FARRINGTON HWY.
WAIANAE, HI 96782

Ticket #: 641298

Bill To: PACIFIC COMMERCIAL SERVICES LLC
Haul Acct/Veh #: CJPETE /CJPET-T07
PO/Job #:7542-01/7542
Date: 03/18/12 Time I/O:09:32 /09:53
Clr #: 77246 - Waipio Point Access Road

Material: 2500 - Special Waste-A
Gross: 122900 Tare: 44860 Net:78040 lbs
39.02 Tons @ \$95.00/tn \$ 3706.90
Fees:HX-1 95.00
Tax 179.15

TOTAL \$3981.05
=====

COO Customer: 1 - 1 Not Specified
Notes:

STATE OF HAWAII CERTIFICATE OF MEASURES
DIVISION OF MEASUREMENT STANDARDS

This certifies to the accuracy and
identity of the quantity & commodity
shown, is suitable for all deliveries
when sealed by a measurmaster.

STATE OF HAWAII MEASUREMASTER
NO.3348 Registered Intls NO

Pmnt Type: 1 - Charge (Invoice)
Fee codes: HX-H Fee (SW)
<<< COVER YOUR LOAD >>>

APPENDIX C: LABORATORY ANALYTICAL REPORTS

carrollcox.com



Environmental Services Network

**VOLATILE
MULTI-INCREMENT PREPARATION**

DATE: 12/19/2011

PREPARED BY: KC

ESN PROJECT: D1112190493

Pacific Commercial Services personnel collected multi-increment samples in the field for analysis. The samples were delivered to ESN's lab for preparation and analyses, according to DOH's Multi-Increment Sampling Plan (HEER TGM, Section 4.2).

| Sample ID# | Final Weight (g) | Jar Weight (g) | Methanol (mL) | Calculated Sample Weight (g) |
|---------------|------------------|----------------|---------------|------------------------------|
| GBI-SRA-CS-01 | 744.4 | 608.0 | 150 | 136.4 |
| GBI-GTA-CS-01 | 740.9 | 615.3 | 150 | 125.6 |
| GBI-OSA-CS-01 | 665.6 | 611.2 | 150 | 54.4 |
| GBI-UOT-CS-01 | 681.4 | 613.4 | 150 | 68.0 |
| GBI-OST-CS-01 | 665.6 | 610.7 | 150 | 54.9 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

SAMPLE PREP (FIELD METHANOL PRESERVATION) PROCESS SUMMARY:

- Samples were collected in pre-weighed clean containers using a ten-gram Lock N' Load™ soil sample coring device from samples in jars provided by the Client.
- A pre-weighed volume of extraction fluid (i.e. methanol) large enough to accommodate the multiple increments of soil was added to the clean containers.
- After sampling the containers were weighed in the lab to determine sample weight
- Sample concentrations were corrected to reflect the sample weight and volume of extraction fluid.



Environmental Services Network

NON-VOLATILE MULTI-INCREMENT PREPARATION

DATE: 12/20/2011

PREPARED BY: KC

ESN PROJECT: D1112190493

Pacific Commercial Services personnel collected multi-increment samples in the field for analysis. The samples were delivered to ESN's lab for preparation and analyses, according to DOH's Multi-Increment Sampling Plan (HEER TGM, Section 4.2).

(Dry weights)

| Sample ID# | Sample Weight (g) |
|---------------|-------------------|
| GBI-SRA-CS-01 | 1337.12 |
| GBI-GTA-CS-01 | 1729.10 |
| GBI-OSA-CS-01 | 1157.93 |
| GBI-UOT-CS-01 | 1546.27 |
| GBI-OST-CS-01 | 1744.82 |

SAMPLE PREP PROCESS SUMMARY:

- Each sample was emptied from their containers on to its own clean, flat baking pan. The sample was spread out evenly across the pan no more than 1" high in thickness.
- Sample trays were placed on separate oven racks and air-dried overnight or until no significant moisture remained as determined by appearance.
- Sample trays were removed and weighed to determine sample's total dry weight (see above table).
- Sieved entire dried sample through a #10 mesh sieve rendering particles less than two-millimeters in size. Clumps of dirt were crushed until able to pass through the sieve, rocks and other debris were set aside.
- Sieved samples were spread out evenly on flat baking pans.
- A small flat spatula was used to randomly scoop up 30 to 50 small increments to fill sample containers. Care was taken during this step to ensure that samples contained a good distribution of particle sizes. If duplicate or triplicate analysis is requested, additional samples are collected at this time. Remaining sample was returned to resealable (i.e. Zip-Loc) bags.
- Samples were spread out on flat baking pans and a small flat spatula was used to randomly scoop up 15 to 30 small increments to make up the sample mass for analyses.
- For all metals except mercury, five two-gram digestions were analyzed and averaged. Extractions of minimum ten-grams were prepared for all other analysis. Laboratories completing analysis not performed at ESN Pacific were advised to use a minimum of ten-grams for their sample preparation.

ESN NORTHWEST CHEMISTRY LABORATORY

ESN Pacific
 PCS - GBI Waipahu Baseyard
 Client Project #D1112190493
 Waipahu, HI

ESN Northwest
 1210 Eastside Street SE Suite 20C
 Olympia, WA 98501
 (360) 459-4670 (360) 459-3432 Fax
 lab@esnnw.com

Hydrocarbon Identification Analysis of Soil by Method 8015 Modified

| Sample Number | Date Prepared | Date Analyzed | Surrogate Recovery (%) | Gasoline Range Organics (mg/kg) | Diesel Range Organics (mg/kg) | Lube Oil Range Organics (mg/kg) |
|------------------|---------------|---------------|------------------------|---------------------------------|-------------------------------|---------------------------------|
| Method Blank | 12/22/2011 | 12/22/2011 | 89 | nd | nd | nd |
| LCS | 12/22/2011 | 12/22/2011 | 94 | 92% | 94% | --- |
| GBI-SRA-CS-01 | 12/22/2011 | 12/22/2011 | 107 | 28 | 300 | 350 |
| GBI-GTA-CS-01 | 12/22/2011 | 12/22/2011 | 86 | 31 | 2600 | 1400 |
| GBI-OSA-CS-01 | 12/22/2011 | 12/22/2011 | 85 | 27 | 1100 | 30000 |
| GBI-UOT-CS-01 | 12/22/2011 | 12/22/2011 | 81 | 28 | 400 | 2600 |
| GBI-OST-CS-01 | 12/22/2011 | 12/22/2011 | 88 | 37 | nd | 400 |
| Reporting Limits | | | | 20 | 50 | 100 |

"nd" Indicates not detected at listed detection limits.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

ESN NORTHWEST CHEMISTRY LABORATORY

ESN Pacific
PCS - GBI Waipahu Baseyard
Client Project #D1112190493
Waipahu, HI

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of BTEX (EPA Method 8260) in Soil

| Sample Number | Date Analyzed | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylenes (mg/kg) | Surrogate Recovery (%) |
|-------------------------|---------------|-----------------|-----------------|----------------------|-----------------|------------------------|
| Method Blank | 12/27/2011 | nd | nd | nd | nd | 95 |
| LCS | 12/27/2011 | 96% | 96% | 98% | 100% | 80 |
| GBI-SRA-CS-01 | 12/27/2011 | nd | 3.5 | 0.70 | 4.1 | 100 |
| GBI-GTA-CS-01 | 12/27/2011 | nd | 3.4 | 0.63 | 3.7 | 98 |
| GBI-OSA-CS-01 | 12/27/2011 | nd | 3.7 | 0.71 | 4.1 | 98 |
| GBI-UOT-CS-01 | 12/27/2011 | nd | 3.8 | 0.70 | 3.8 | 69 |
| GBI-OST-CS-01 | 12/27/2011 | nd | 5.2 | 0.98 | 5.8 | 100 |
| Method Detection Limits | | 0.02 | 0.05 | 0.05 | 0.15 | |

"nd" Indicates not detected at the listed detection limits

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (4-Bromofluorobenzene) & LCS : 65% TO 135%

ESN NORTHWEST CHEMISTRY LABORATORY

ESN Pacific
 PCS - GBI Waipahu Baseyard
 Client Project #D1112190493
 Waipahu, HI

ESN Northwest
 1210 Eastside Street SE Suite 200
 Olympia, WA 98501
 (360) 459-4670 (360) 459-3432 Fax
 lab@esnw.com

Analysis of Polynuclear Aromatic Hydrocarbons in Soil by Method 8270

| | | MTH BLK | LCS | LCS D | GBI-SRA-CS-01 | GBI-GTA-CS-01 | GBI-OSA-CS-01 |
|------------------------------|-----------|----------|----------|----------|---------------|---------------|---------------|
| Date extracted | Reporting | 12/22/11 | 12/22/11 | 12/23/11 | 12/22/11 | 12/22/11 | 12/22/11 |
| Date analyzed | Limits | 12/22/11 | 12/22/11 | 12/23/11 | 12/22/11 | 12/22/11 | 12/23/11 |
| Moisture, % | (mg/kg) | | | | 7% | 7% | 6% |
| Acenaphthene | 0.02 | nd | 130% | 124% | nd | nd | nd |
| Benzo(a)pyrene* | 0.02 | nd | 123% | 110% | nd | nd | nd |
| Fluoranthene | 0.02 | nd | 133% | 132% | nd | nd | nd |
| Naphthalene | 0.02 | nd | 117% | 113% | nd | nd | nd |
| Total Carcinogens | | | | | nd | nd | nd |
| Surrogate recoveries: | | | | | | | |
| 2-Fluorobiphenyl | | 73% | 78% | 85% | 74% | 71% | 61% |
| p-Terphenyl-d14 | | 85% | 90% | 97% | 101% | 83% | 75% |

Sample GBI-OSA-CS-01 was diluted to 10x before the analysis.

Data Qualifiers and Analytical Comments

* - Carcinogenic Analyte
 nd - not detected at listed reporting limits
 na - not analyzed
 C - coelution with sample peaks
 M - matrix interference
 J - estimated value
 Results reported on dry-weight basis
 Acceptable Recovery limits: 50% TO 150%
 Acceptable RPD limit: 35%

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ESN NORTHWEST CHEMISTRY LABORATORY

ESN Pacific
 PCS - GBI Waipahu Baseyard
 Client Project #D1112190493
 Waipahu, HI

ESN Northwest
 1210 Eastside Street SE Suite 200
 Olympia, WA 98501
 (360) 459-4670 (360) 459-3432 Fax
 lab@esnw.com

Analysis of Polynuclear Aromatic Hydrocarbons in Soil by Method 8270

| | | GBI-UOT-CS-01 | GBI-OST-CS-01 |
|------------------------------|-----------|----------------------|----------------------|
| Date extracted | Reporting | 12/22/11 | 12/22/11 |
| Date analyzed | Limits | 12/23/11 | 12/22/11 |
| Moisture, % | (mg/kg) | 6% | 3% |
| Acenaphthene | 0.02 | nd | nd |
| Benzo(a)pyrene* | 0.02 | nd | nd |
| Fluoranthene | 0.02 | nd | nd |
| Naphthalene | 0.02 | nd | nd |
| Total Carcinogens | | nd | nd |
| Surrogate recoveries: | | | |
| 2-Fluorobiphenyl | | 65% | 69% |
| p-Terphenyl-d14 | | 76% | 83% |

Sample GBI-OSA-CS-01 was diluted to 10x before the analysis.

Data Qualifiers and Analytical Comments

* - Carcinogenic Analyte

nd - not detected at listed reporting limits

na - not analyzed

C - coelution with sample peaks

M - matrix interference

J - estimated value

Results reported on dry-weight basis

Acceptable Recovery limits: 50% TO 150%

Acceptable RPD limit: 35%

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Environmental Services Network

January 11, 2012

Jingbo Chang
Pacific Commercial Services, LLC
PO Box 235117
Honolulu, HI 96823

SUBJECT: DATA REPORT – 7542, GBI Waipahu Baseyard, Waipio Point Access Road,
Waipahu, HI

ESN Project # D1201050004

Mr. Chang:

Please find enclosed a data report for the samples analyzed from the above referenced project for Pacific Commercial Services, LLC. The samples were received intact. Applicable detection limits, QA/QC data, and any issues encountered during analysis are included in the report.

The following tests were conducted:

- Multi-increment sample processing by Hawaii DOH Method.
- Analyses for TPH as diesel by EPA 8015 mod.
- Analyses for TPH as oil by EPA 8015 mod.

ESN appreciates the opportunity to have provided analytical services to Pacific Commercial Services, LLC on this project. If you have any further questions relating to the data or report, please do not hesitate to contact us.

Sincerely,

Karen Carvallo
Operations Manager

ESN Pacific
2020-B Kahai Street
Honolulu, HI 96819

Ph: (808) 847-0067
esn@esnpacific.com



Environmental Services Network

NON-VOLATILE MULTI-INCREMENT PREPARATION

DATE: 01/09/2012

PREPARED BY: NK

ESN PROJECT: D1201050004

Pacific Commercial Services, LLC, personnel collected multi-increment samples in the field for analysis. The samples were delivered to ESN's lab for preparation and analyses, according to DOH's Multi-Increment Sampling Plan (HEER TGM, Section 4.2).

(Dry weights)

| Sample ID# | Sample Weight (g) |
|---------------|-------------------|
| GBI-GTA-CS-02 | 990.47 |
| GBI-OSA-CS-01 | 1293.86 |
| GBI-UOT-CS-02 | 1275.38 |
| | |
| | |

SAMPLE PREP PROCESS SUMMARY:

- Each sample was emptied from their containers on to its own clean, flat baking pan. The sample was spread out evenly across the pan no more than 1" high in thickness.
- Sample trays were placed on separate oven racks and air-dried overnight or until no significant moisture remained as determined by appearance.
- Sample trays were removed and weighed to determine sample's total dry weight (see above table).
- Sieved entire dried sample through a #10 mesh sieve rendering particles less than two-millimeters in size. Clumps of dirt were crushed until able to pass through the sieve, rocks and other debris were set aside.
- Sieved samples were spread out evenly on flat baking pans.
- A small flat spatula was used to randomly scoop up 30 to 50 small increments to fill sample containers. Care was taken during this step to ensure that samples contained a good distribution of particle sizes. If duplicate or triplicate analysis is requested, additional samples are collected at this time. Remaining sample was returned to resealable (i.e. Zip-Loc) bags.
- Samples were spread out on flat baking pans and a small flat spatula was used to randomly scoop up 15 to 30 small increments to make up the sample mass for analyses.
- For all metals except mercury, five two-gram digestions were analyzed and averaged. Extractions of minimum ten-grams were prepared for all other analysis. Laboratories completing analysis not performed at ESN Pacific were advised to use a minimum of ten-grams for their sample preparation.

ESN NORTHWEST CHEMISTRY LABORATORY

ESN Pacific
PCS - GBI WAIPAHU BASEYARD, WAIPIO POINT ACCESS ROAD PROJECT
Client Project #D1201050004
Waipahu, Hawaii

ESN Northwest
1210 Eastside Street SE Suite 20C
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Diesel Range Organics & Lube Oil Range Organics in Soil by Method NWTPH-Dx/Dx Extende

| Sample Number | Date Prepared | Date Analyzed | Surrogate Recovery (%) | Diesel Range Organics (mg/kg) | Lube Oil Range Organics (mg/kg) |
|-------------------------|---------------|---------------|------------------------|-------------------------------|---------------------------------|
| Method Blank | 1/11/2012 | 1/11/2012 | 78 | nd | nd |
| GBI-GTA-CS-02 | 1/11/2012 | 1/11/2012 | 129 | 1600 | 170 |
| GBI-OSA-CS-02 | 1/11/2012 | 1/11/2012 | 73 | nd | 14000 |
| GBI-UOT-CS-02 | 1/11/2012 | 1/11/2012 | 81 | nd | 310 |
| GBI-UOT-CS-02 Duplicate | 1/11/2012 | 1/11/2012 | 82 | nd | 350 |
| Reporting Limits | | | | 50 | 100 |

"nd" Indicates not detected at the listed detection limits.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

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Environmental Services Network

March 9, 2012

Jingbo Chang
Pacific Commercial Services, LLC
PO Box 235117
Honolulu, HI 96823

SUBJECT: DATA REPORT – 7542, GBI Waipahu Baseyard, Waipio Point Access Road,
Waipahu

ESN Project #D1203020119

Mr. Chang:

Please find enclosed a data report for the samples analyzed from the above referenced project for Pacific Commercial Services, LLC. The samples were received intact. Applicable detection limits, QA/QC data, and any issues encountered during analysis are included in the report.

The following tests were conducted:

- Multi-increment sample processing by Hawaii DOH Method.
- Analyses for TPH as diesel by EPA 8015 mod.
- Analyses for TPH as oil by EPA 8015 mod.

ESN appreciates the opportunity to have provided analytical services to Pacific Commercial Services, LLC on this project. If you have any further questions relating to the data or report, please do not hesitate to contact us.

Sincerely,

A handwritten signature in cursive script that reads 'Karen Carvallo'.

Karen Carvallo
Operations Manager

ESN Pacific
2020-B Kahai Street
Honolulu, HI 96819

Ph: (808) 847-0067
esn@esnpacific.com

ESN NORTHWEST CHEMISTRY LABORATORY

ESN Pacific
GBI WAIPAHU BASEYARD PROJECT
Client Project #D1203020119
Hawaii

ESN Northwest
1210 Eastside Street SE Suite 2
Olympia, WA 98501
(360) 459-4670 (360) 459-3
lab@esnnw.com

**Analysis of Lube Oil Range Organics in Soil
by Method NWTPH-Dx/Dx Extended**

| Sample Number | Date Prepared | Date Analyzed | Surrogate Recovery (%) | Lube Oil Range Organics (mg/kg) |
|------------------|---------------|---------------|------------------------|---------------------------------|
| Method Blank | 3/6/2012 | 3/7/2012 | 95 | nd |
| GBI-OSA-CS-03 | 3/6/2012 | 3/7/2012 | 92 | 340 |
| Reporting Limits | | | | 100 |

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

ESN NORTHWEST CHEMISTRY LABORATORY

ESN Pacific
GBI WAIPAHU BASEYARD PROJECT
Client Project #D1203020119
Hawaii

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

**Analysis of Diesel Range Organics in Soil
by Method NWTPH-Dx/Dx Extended**

| Sample Number | Date Prepared | Date Analyzed | Surrogate Recovery (%) | Diesel Range Organics (mg/kg) |
|------------------|---------------|---------------|------------------------|-------------------------------|
| Method Blank | 3/6/2012 | 3/7/2012 | 85 | nd |
| LCS | 3/6/2012 | 3/7/2012 | 83 | 105% |
| GBI-GTA-CS-03 | 3/6/2012 | 3/7/2012 | 83 | nd |
| Reporting Limits | | | | 50 |

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

ESN PACIFIC'S CHAIN-OF-CUSTODY RECORD

CLIENT: PACIFIC COMMERCIAL SERVICES LLC TAT (circle one): 24-hr. 48-hr 5-day or Other: _____

ADDRESS: PO BOX 235117, HONOLULU, HI 96823 DATE: 3/22/2012 PAGE 1 OF 1

PHONE: 808-545-4599 FAX: 808-845-9773 ESN PROJECT #: D120302019

EMAIL: jingbo.chang@pcshl.com LOCATION/PROJECT NAME: GBI Waipahu Baseyard, Waipio Point Access Road, Waipahu, HI

CLIENT PROJECT #: 7542 Project Manager: Jingbo Chang COLLECTOR: Wendi Zheng DATE COLLECTED: 3/22/2012

| Sample ID# | Depth | Time | Sample Type | Container Type | 8260 HVOC ext 5035? Y/N | 8260 VOC ext 5035? Y/N | 8260 BTEX ext 5035? Y/N | 8260 MBE ext 5035? Y/N | 8015 Fuel Scan only | 8015 TPH-Gas ext 5035? | 8015 TPH-Diesel | 8015 TPH-Oil | 8081 Chlor. Pesticides | 8082 PCB | 8270 PAH DOH-4 | Reactivity | Corrosivity | 1010 FlashPoint (Ignitibility) | RCRA 8 Metals | TCLP As, Cd, Cr, Pb | TCLP 8 RCRA metals | TCLP Pesticides | TCLP Herbicides | TCLP VOC | TCLP SVOCs | Comments | # of Containers | |
|------------|-------|----------|-------------|----------------|-------------------------|------------------------|-------------------------|------------------------|---------------------|------------------------|-----------------|--------------|------------------------|----------|----------------|------------|-------------|--------------------------------|---------------|---------------------|--------------------|-----------------|-----------------|----------|------------|----------|-----------------|---|
| 1 | 5' | 10:00 AM | MI | P | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 4' | 10:25 AM | MI | P | | | | | | X | | | | | | | | | | | | | | | | | MI 958 | 1 |
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| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

RELINQUISHED BY: (Signature) [Signature] DATE/TIME: 3/22/12 10:00 RECEIVED BY: (Signature) [Signature] DATE/TIME: 3/22/12 10:00

SAMPLE DISPOSAL INSTRUCTIONS: ESN @ \$5.00/sample or Return to Client

TOTAL # OF CONTAINERS: 2 LABORATORY NOTES: COC SEALS Y/N NA
SEALS INTACT Y/N NA
RECEIVED TEMP: 2/10 on ice



Environmental Services Network

December 30, 2011

Jingbo Chang
Pacific Commercial Services, LLC
PO Box 235117
Honolulu, HI 96823

SUBJECT: DATA REPORT – 7542, GBI Waipahu Baseyard, Waipio Point Access Road,
Waipahu, HI

ESN Project # D1112190494

Mr. Chang:

Please find enclosed a data report for the samples analyzed from the above referenced project for Pacific Commercial Services, LLC. The samples were received intact. Applicable detection limits, QA/QC data, and any issues encountered during analysis are included in the report.

The following tests were conducted:

- Analyses for aromatic volatile organics by EPA 8260.
- Quantitative analyses for TPH fuel scan (C5-C40) by EPA 8015 mod.
- Analyses for polynuclear aromatic hydrocarbons by EPA 8270.
- Analyses for TCLP As, Cd, Cr, Pb by EPA 1311/6020.

ESN appreciates the opportunity to have provided analytical services to Pacific Commercial Services, LLC on this project. If you have any further questions relating to the data or report, please do not hesitate to contact us.

Sincerely,

A handwritten signature in cursive script that reads 'Karen Carvallo'.

Karen Carvallo
Operations Manager

ESN Pacific
2020-B Kahai Street
Honolulu, HI 96819

Ph: (808) 847-0067
esn@esnpacific.com

ESN NORTHWEST CHEMISTRY LABORATORY

ESN Pacific
 PCS - GBI Waipahu Baseyard
 Client Project #D1112190494
 Waipahu, HI

ESN Northwest
 1210 Eastside Street SE Suite 200
 Olympia, WA 98501
 (360) 459-4670 (360) 459-3432 Fax
 lab@esnnw.com

TCLP Metals in Soil by EPA-Method 1311/6020

| Sample Number | Date Analyzed | Lead (Pb) (mg/L) | Cadmium (Cd) (mg/L) | Chromium (Cr) (mg/L) | Arsenic (As) (mg/L) |
|----------------------------|---------------|------------------|---------------------|----------------------|---------------------|
| Method Blank | 12/22/2011 | nd | nd | nd | nd |
| GBI-Stockpile-01 | 12/22/2011 | nd | nd | nd | nd |
| GBI-Stockpile-01 Duplicate | 12/22/2011 | nd | nd | nd | nd |
| Method Detection Limits | | 0.20 | 0.20 | 0.20 | 0.20 |

QA/QC Data - TCLP Metals EPA-Method 1311/6020

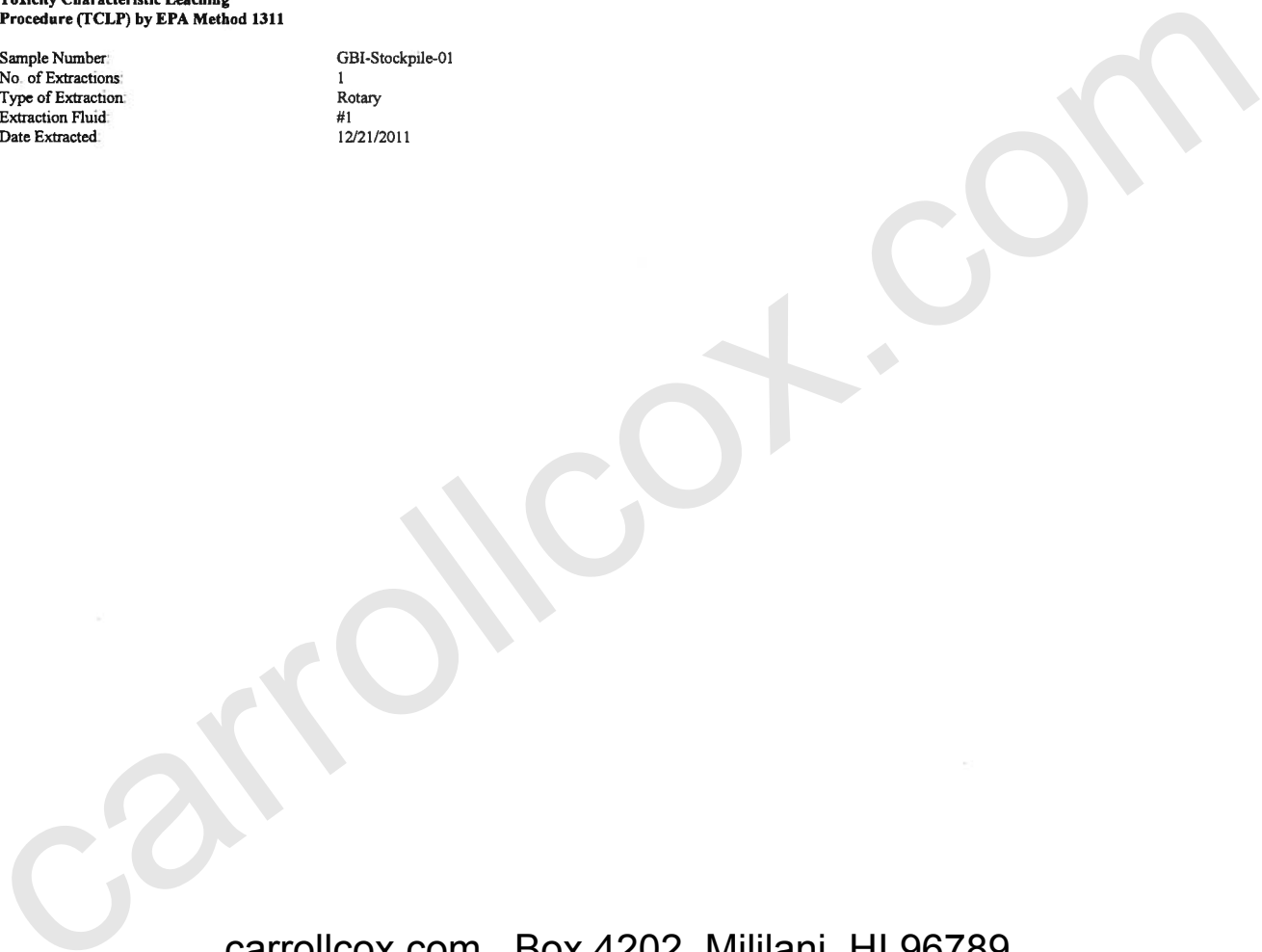
| Sample Number | Date Analyzed | Lead (Pb) (mg/L) | Cadmium (Cd) (mg/L) | Chromium (Cr) (mg/L) | Arsenic (As) (mg/L) |
|-------------------------|---------------|------------------|---------------------|----------------------|---------------------|
| Matrix Spike Level | | 1.00 | 1.00 | 1.00 | 1.00 |
| Sample + Matrix Spike | 12/22/2011 | 0.84 | 1.00 | 1.28 | 1.13 |
| Percent Recovery (%) | | 84 | 100 | 128 | 113 |
| Method Detection Limits | | 0.20 | 0.20 | 0.20 | 0.20 |

"nd" Indicates not detected at listed detection limits

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 80%-120%
 ACCEPTABLE RPD IS 35%

**Sample Preparation Information for
 Toxicity Characteristic Leaching
 Procedure (TCLP) by EPA Method 1311**

| | |
|--------------------|------------------|
| Sample Number | GBI-Stockpile-01 |
| No. of Extractions | 1 |
| Type of Extraction | Rotary |
| Extraction Fluid | #1 |
| Date Extracted | 12/21/2011 |



ESN NORTHWEST CHEMISTRY LABORATORY

ESN Pacific
 PCS- GBI Waipahu Baseyard
 Client Project #D1112190494
 Waipahu, HI

ESN Northwest
 1210 Eastside Street SE Suite 200
 Olympia, WA 98501
 (360) 459-4670 (360) 459-3432 Fax
 lab@esnnw.com

Analysis of Polynuclear Aromatic Hydrocarbons in Soil by Method 8270

Analytical Results

| | | MTH BLK | LCS | GBI-Stockpile-01 | MS | MSD | RPD |
|------------------------------|-----------|----------|----------|------------------|----------|----------|-----|
| Date extracted | Reporting | 12/23/11 | 12/23/11 | 12/22/11 | 12/23/11 | 12/23/11 | |
| Date analyzed | Limits | 12/23/11 | 12/23/11 | 12/23/11 | 12/23/11 | 12/23/11 | |
| Moisture, % | (mg/kg) | | | 25% | 25% | 25% | |
| Acenaphthene | 0.02 | nd | 124% | nd | 111% | 116% | 4% |
| Benzo(a)pyrene* | 0.02 | nd | 110% | nd | | | |
| Fluoranthene | 0.02 | nd | 132% | nd | | | |
| Naphthalene | 0.02 | nd | 113% | nd | | | |
| Total Carcinogens | | | | nd | | | |
| Surrogate recoveries: | | | | | | | |
| 2-Fluorobiphenyl | | 71% | 85% | 77% | 79% | 79% | |
| p-Terphenyl-d14 | | 89% | 97% | 88% | 91% | 93% | |

Sample was diluted at 10x before the analysis due to the sample's decomposition

Data Qualifiers and Analytical Comments

* - Carcinogenic Analyte

nd - not detected at listed reporting limits

na - not analyzed

C - coelution with sample peaks

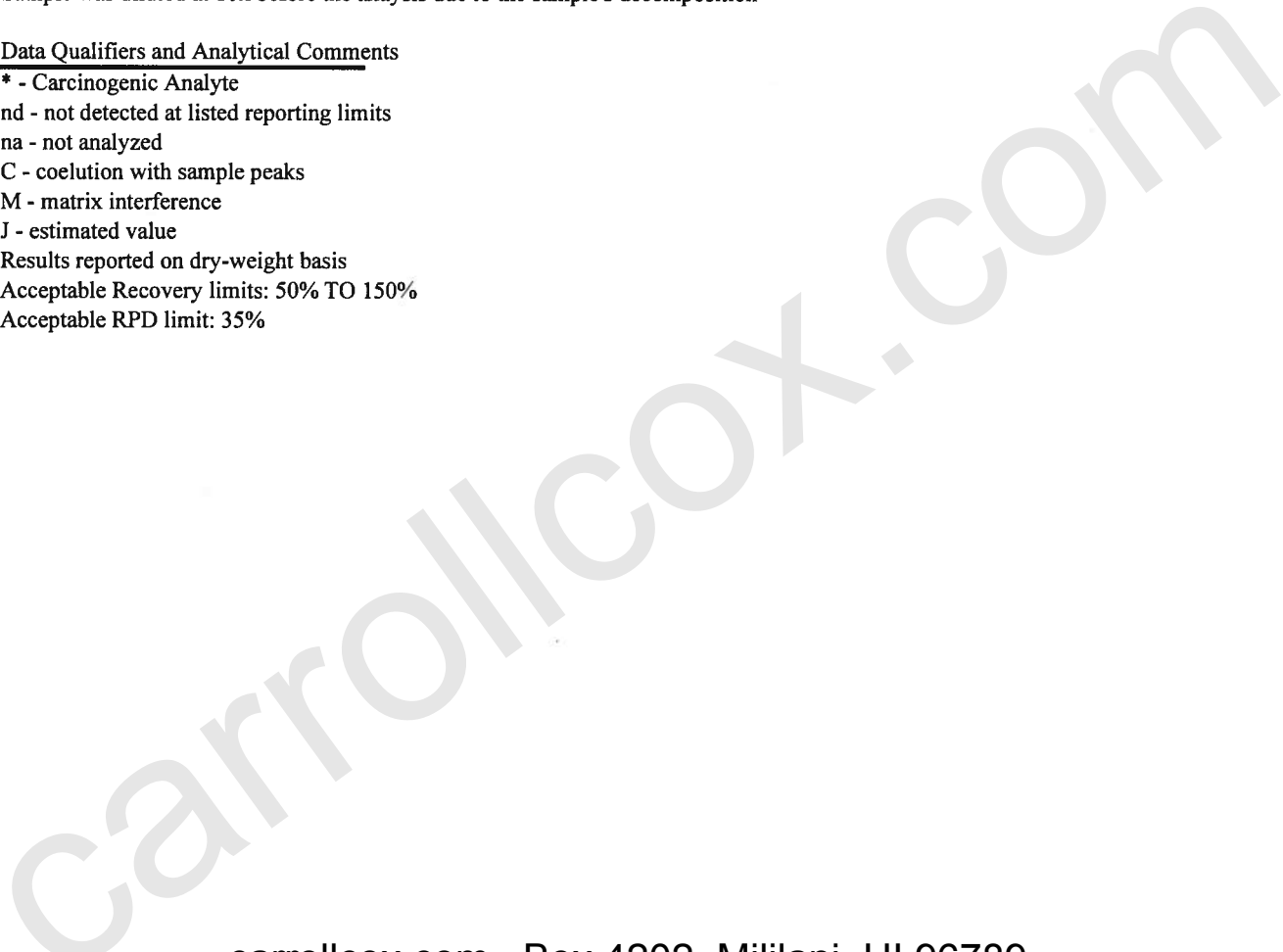
M - matrix interference

J - estimated value

Results reported on dry-weight basis

Acceptable Recovery limits: 50% TO 150%

Acceptable RPD limit: 35%



ESN NORTHWEST CHEMISTRY LABORATORY

ESN Pacific
PCS- GBI Waipahu Baseyard
Client Project #D1112190494
Waipahu, HI

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Diesel Range Organics & Lube Oil Range Organics in Soil by Method NWTPH-Dx/Dx Extended

| Sample Number | Date Prepared | Date Analyzed | Surrogate Recovery (%) | Diesel Range Organics (mg/kg) | Lube Oil Range Organics (mg/kg) |
|------------------|---------------|---------------|------------------------|-------------------------------|---------------------------------|
| Method Blank | 12/23/2011 | 12/23/2011 | 83 | nd | nd |
| GBI-Stockpile-01 | 12/22/2011 | 12/23/2011 | 93 | 15,000 | 10,000 |

| | | |
|-------------------------|-----------|------------|
| Reporting Limits | 50 | 100 |
|-------------------------|-----------|------------|

Notes: The sample was diluted to 10x before the analysis.

"nd" Indicates not detected at the listed detection limits.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

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ESN NORTHWEST CHEMISTRY LABORATORY

ESN Pacific
 PCS - GBI Waipahu Baseyarc
 Client Project #D1112190494
 Waipahu, HI

ESN Northwest
 1210 Eastside Street SE Suite 200
 Olympia, WA 98501
 (360) 459-4670 (360) 459-3432 Fax
 lab@esnw.com

Hydrocarbon Identification Analysis of Soil by Method 8015 Modified

| Sample Number | Date Prepared | Date Analyzed | Surrogate Recovery (%) | Gasoline Range Organics (mg/kg) | Diesel Range Organics (mg/kg) | Lube Oil Range Organics (mg/kg) |
|----------------------------|---------------|---------------|------------------------|---------------------------------|-------------------------------|---------------------------------|
| Method Blank | 12/21/2011 | 12/22/2011 | 136 | nd | nd | nd |
| LCS | 12/21/2011 | 12/22/2011 | 110 | 96% | 101% | --- |
| GBI-Stockpile-01 | 12/21/2011 | 12/22/2011 | int | 200 | 12000 | 310 |
| GBI-Stockpile-01 Duplicate | 12/21/2011 | 12/22/2011 | int | 110 | 16000 | 430 |
| Reporting Limits | | | | 20 | 50 | 100 |

"nd" Indicates not detected at listed detection limits.

"int" Indicates that interference prevents determination

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

carrollcox.com

ESN PACIFIC'S CHAIN-OF-CUSTODY RECORD

CLIENT: PACIFIC COMMERCIAL SERVICES LLC
 ADDRESS: PO BOX 235117, HONOLULU, HI 96823
 PHONE: 808-545-4599 FAX: 808-845-9773
 EMAIL: jingbo.chang@pcshi.com
 CLIENT PROJECT #: 7542 Project Manager: Jingbo Chang
 TAT (circle one): 24-hr. 48-hr. 5-day or Other: _____
 DATE: 11/24/2011 12/19 PAGE 1 OF 1
 ESN PROJECT #: D1112190494
 LOCATION/PROJECT NAME: GBI Waipahu Baseyard, Waipio Point Access Road, Waipahu, HI
 COLLECTOR: Jingbo Chang DATE COLLECTED: 12/19/2011

| Sample ID# | Depth | Time | Sample Type | Container Type | 8260 HOC ext 5035? Y N | 8260 VOC ext 5035? Y N | 8260 BTEX ext 5035? Y N | 8015 MBE ext 5035? Y N | 8015 Fuel Scan only Y N | 8015 TPH-Gas ext 5035? Y N | 8015 TPH-Diesel | 8081 Chlor. Pesticides | 8270 PCB | Resistivity | 8270 PAH DGH-4 | 10/10 FlashPoint (Ignitibility) | RCRA 8 Metals | TCMP As, Cd, Cr, Pb | TCMP Pesticides | TCMP VOC | TCMP SVOCs | Comments | # of Containers |
|------------|-------|-------|-------------|----------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|----------------------------|-----------------|------------------------|----------|-------------|----------------|---------------------------------|---------------|---------------------|-----------------|----------|------------|----------|-----------------|
| 1 | | 11:30 | Soil | G | X | | | | | | | | | | | | | | | | | | 2 |
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SAMPLE RECEIPT:
 RECEIVED BY (Signature): *Kaw Carville* DATE/TIME: 12-19 13:15
 RELINQUISHED BY (Signature): *Wesley* DATE/TIME: 12-19 1:15
 RECEIVED BY (Signature): _____ DATE/TIME: _____
 RELINQUISHED BY (Signature): _____ DATE/TIME: _____
 TOTAL # OF CONTAINERS: 2
 COC SEALS Y/N/NA: (N) NA
 SEALS INTACT Y/N/NA: (N) NA
 RECEIVED TEMP: 30C
 LABORATORY NOTES:

SAMPLE DISPOSAL INSTRUCTIONS: ESN @ \$5.00/sample or Return to Client

APPENDIX B: DISPOSAL MANIFESTS AND WEIGHT TICKETS

carrollcox.com

APPENDIX C: LABORATORY ANALYTICAL REPORTS

carrollcox.com