

Fuel Release – Response and Remedial Action Report

Washington State Fire Training Academy Aircraft Rescue Firefighting Prop 50810 SE Grouse Ridge Road North Bend, Washington

Prepared for: Mr. Phil Timpke State of Washington – Department of Enterprise Services PO Box 41012 Olympia, WA 98504

December 30, 2013 Project No. 40535.170

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EXECUTIVE SUMMARY

A release of aviation fuel was reported on Friday, October 25, 2013 during a training exercise at the Aircraft Rescue Firefighting Prop (ARFF) area at the State of Washington Fire Training Academy (FTA) facility located at 50810 Grouse Ridge Road, North Bend, Washington. Fuel had reportedly entered the recycled water reservoir and was drawn through the water lines and released in the area surrounding the ARFF and near two fire hydrants servicing this area.

FTA had responded by placing absorbent pads in areas of pooled petroleum (primarily around the fire hydrants), and had a vacuum truck remove pooled liquid on Sunday, October 27, 2013. The release incident was reported to the Washington Department of Ecology on October 25, 2013. At the request of Washington State Department of Enterprise Services and the Washington State Patrol, PBS Engineering and Environmental Inc. (PBS) was on-site October 26, 2013 to conduct an initial inspection of the release area. PBS performed site reconnaissance, emergency cleanup action, regulatory correspondence and confirmation soil sample collection and analysis from the impacted areas. IO Environmental and Infrastructure, Inc. provided the excavation, waste transport, and site restoration services.

The excavation and removal of petroleum-contaminated soil (PCS) was the remedial approach selected to mitigate potential surface runoff of petroleum residue and to meet Ecology's MTCA Level A Unrestricted Soil Cleanup standards. The remediation of soil contamination was also intended to eliminate; 1) the potential for migration of contaminants into deeper subsurface soil and potentially groundwater, and 2) the potential for site occupant exposure to contaminated soil at the surface.

With regard to the response and remedial action to the fuel release at the FTA, PBS presents the following conclusions:

- The release of fuel to surface soil in the vicinity of the ARFF appears to have impacted several areas, mostly bordering the concrete containment of the prop itself and also near the northern and eastern fire hydrant locations. For organizational purposes the impacted soil was designated as separate Spill Areas A through H.
- The contaminated soil material has been removed and transported for off-site disposal with completion on November 8, 2013. Approximately 2,761 tons of PCS were removed and transported under permit to the Waste Management transfer facility in Seattle for disposal.
- Based on site observations and analytical results, the PCS in Spill Areas B through H has been remediated or delineated to meet acceptable Ecology MTCA Method A soil cleanup standards. Clean fill has been imported and the areas restored to grade.
- Since contamination has been removed, potential for contamination contact with surface runoff or runoff to storm drain basins has been sufficiently eliminated.
- Field indications and laboratory analysis confirmed that impacted soil in Area A extends at least 5 to 10 feet bgs. Surface discharges from the hoses or fire truck, in Area A may be the cause of the deeper infiltration of the released fuel.

PBS presents the following recommendations:

- With regard to the October 25, 2013 surface release of fuel at the FTA, no further investigation or remediation in Spill Areas B through H is recommended at this time.
- Conduct a subsurface investigation at Area A to define the extent and magnitude of identified petroleum hydrocarbon impact.
- Submit a copy of this report to Ms. Jeanne Tran, Water Quality Program Engineer with the Washington Department of Ecology Northwest Regional Office in Bellevue, Washington.

1.0 INTRODUCTION

At the request of Washington State Department of Enterprise Services (DES) and the Washington State Patrol (WSP), PBS Engineering and Environmental Inc. (PBS) has performed site reconnaissance, emergency cleanup action, regulatory correspondence and confirmation soil sample collection and analysis from the impacted areas at the Aircraft Rescue Firefighting Prop (ARFF) at the Washington State Fire Training Academy (FTA) facility located at 50810 Grouse Ridge Road, North Bend, Washington.

The remediation performed meets the definition of a "cleanup action," as defined by the Model Toxics Control Act (MTCA), WAC 173-340-200. This report has been prepared for submission to the Washington State Department of Ecology (Ecology).

2.0 BACKGROUND

2.1 Site Location and Topography

The subject property is located approximately six miles east-southeast of North Bend, north of the Interstate Highway 90 (I-90) eastern approach to Snoqualmie Pass (Refer to Figure 1 Vicinity Map). The site is located in a mountainous, forested region, with a steep, upward slope to the northeast and a general slope to the southeast. The facility is utilized for various fire training exercises; temporary housing and administrative offices (Refer to Figure 2 Aerial View).

Site Address: 50810 Grouse Ridge Road, North Bend, WA 98045

Primary Parcel No: King County Assessor ID 282309-9023

Township, Range, T23N, R09E, portions of sections 20-22, 27-29

Section: Willamette Base and Meridian

Current Use: Government Service

2.2 Fuel Release and Response

A release of aviation fuel was reported on Friday, October 25, 2013 during a training exercise at the FTA facility. Fuel had reportedly entered the recycled water reservoir and was released in the area surrounding the ARFF and near two fire hydrants servicing this area. PBS was on-site October 26, 2013 to conduct an initial inspection of the release area. FTA had responded by placing absorbent pads in areas of pooled petroleum (primarily around the fire hydrants), and had a vacuum truck remove pooled liquid on Sunday, October 27, 2013. The release incident was reported to the Washington Department of Ecology on October 26, 2013.

2.3 Geology and Hydrogeology

The subject property is located near the border of the Central Cascades and Northern Cascades Physiographic Regions of Washington. Regional mountains and bedrock are composed of Tertiary period aged intrusive volcanic rocks. Unconsolidated sediments in the area of the subject property comprise Pleistocene epoch alpine glacial drift deposits, composed of sand and gravel and mixed silt and sand till.

Based on excavation activities at the site, soil is generally described as dense, gray and brown sandy gravels.

The nearest surface water to the site are small tributaries which flow in a southeasterly direction towards the south fork of the Snoqualmie River, located approximately 1.5 miles to the southeast.

Based on nearby groundwater well logs, regional groundwater is expected to exist approximately 120 feet below ground surface (bgs). However, the estimation is not considered accurate due to varied terrain and elevations. It is unknown whether or not a shallower water table elevation exists on site.

3.0 CLEANUP ACTION PLAN

The petroleum-contaminated soil (PCS) removal action was designed to mitigate potential surface runoff of petroleum residue and to remove PCS to meet Ecology's MTCA Level A Unrestricted Soil Cleanup standards. The remediation of soil contamination was also intended to eliminate; 1) the potential for migration of contaminants into deeper subsurface soil and potentially groundwater, and 2) the potential for site occupant exposure to contaminated soil at the surface.

The work plan for remediation of the contaminated soil included the following actions. A description of these activities is presented in the section below:

- Perform initial site assessment to evaluate the degree and extent of the release impact area.
- Provide oversight of excavation activities to remove and dispose of PCS above MTCA Method A levels;
- Coordinate and subcontract the Remediation Contractor to obtain necessary permits, and conduct soil excavation, hauling, and disposal. Contractor will provide erosion control measures and protective absorbent pads at potential runoff locations.
- The Contractor will provide, place and compact clean fill (gravel) material back into the excavation to match the surrounding grade.
- The work plan assumed that excavated PCS will be suitable for disposable as a nonhazardous PCS waste through approved waste disposal or landfill facility.
- Collect and analyze confirmation samples from excavation areas.
- Prepare a report of findings including; observations, site plans, tabulated analytical results, conclusion and recommendations.

4.0 EXCAVATION ACTIVITIES

4.1 Initial Site Assessment

PBS was on site Saturday, October 26, 2013, the day after the initial release. PBS noted that absorbent pads were placed in areas of pooled liquid and in the vicinity of drainage conduits. DES requested that PBS coordinate the cleanup action as necessary to remove and dispose of PCS resulting from the fuel release.

On October 28, 2013 PBS marked the extent of the spill areas with paint. At this time the horizontal extent of spill areas was clear due to dark staining of fuel residue on the surface. For organizational purposes the impacted soil was designated as separate Spill Areas A through H (Refer to Figure 3 Site Plan for the location of Spill Areas). The volume of PCS to be removed from the project Spill Areas was not defined at this time, as the depth of impacted soil was not known.

The "Draft-Interim Removal Action Plan for Aviation Fuel Release Incident Fire Training Academy – 50810 SE Grouse Ridge Road, North Bend, Washington, PBS-October28, 2013," was prepared and submitted to Ms. Jeanne Tran, Washington Department of Ecology representative on October 29, 2013. Ms. Tran was on-site on October 29, 2013 to examine the spill area(s) and discuss the approach for cleanup of the spill.

4.2 Soil Excavation

Between October 29 and November 8, 2013, PBS was on-site to oversee the excavation and removal of PCS for off-site disposal, and to collect confirmation samples from the excavated areas. IO Environmental and Infrastructure (IOEI) Inc. was contracted by DES to perform excavation and transport of PCS.

Prior to excavation activities, PBS filed a public utilities notification request. On October 29, 2013 PBS supervised a private utility locates company (Applied Professional Services, APS) while they conducted clearance for subsurface obstructions in the outlined excavation areas.

Soil was field-screened during excavation work by visual, olfactory, and instrumental (MiniRae photoionization detector - PID) methods. The PID used by PBS detects volatile organic compounds (VOCs) at levels as low as 0.2 parts per million (ppm). This is a relative screening tool and does not provide actual concentration data or identify the type of VOC. Once soil was removed from the spill areas to a depth where field screening indicated there was no staining, petroleum odor or PID measurements exceeding ambient air readings, confirmation soil samples were collected. Petroleum impacted soil was generally found to extend approximately six inches to one foot bgs. Soil sampling methodology and analytical results are detailed in Section 6 of this report.

The excavated material consisted of sand and gravel, with some silty sand beneath the surface gravel layer. In areas where excavation reached depths of 3 feet bgs or greater, the material consisted of coarse sand, gravel and cobbles. No groundwater was encountered in the excavations.

The contaminated soil and gravel material was primarily contained within the top 12 inches of the surface across most of the spill area. Deeper infiltration of the fuel (up to 18 inches) into the soil occurred along the northwestern rim of the ARFF concrete pad (Area G), near the fire hydrant in Area B, and near the fire hydrant in Area A. The near surface distribution of contaminated materials are consistent with the source of the fuel originating from a spray hose or localized surface discharge from the fire truck or hydrant connections.

During excavation, the northwestern portion of Area A exhibited field evidence that fuel had infiltrated vertical down to depths of at least 6 to 10 feet below ground surface in discrete locations. The source of the deeper fuel infiltration may be attributed to the surface discharge from the fire pump truck and hoses in this area, and presence of surface pooled liquid that had been vacuumed following the release incident. Excavation of contaminated soil below 3 feet in Area A did not occur during the interim soil cleanup. The extent of the soil contamination is being further evaluated.

Soil was temporarily stockpiled within the excavation footprint of each Spill Area or directly loaded into trucks. Between October 31 and November 6, between 8 to 21 truck loads per day were transported off-site for disposal. By the end of November 6 excavation of impacted soil from each Spill Area was complete, with the exception of soil directly beneath the soil stockpiles. Soil stockpiles were covered with plastic sheeting, as heavy precipitation was forecasted for November 7.

On November 7 and 8 the remaining stockpiled PCS was loaded into trucks. PCS which remained in place beneath the soil stockpiles was excavated at this time, direct loaded for

transport, and confirmation samples were collected. PCS removal and off-site disposal is detailed in Section 5.3.

Heavy precipitation on the 7 and 8 resulted in the filling of the drainage ditch portion of Area B with site runoff water. No petroleum hydrocarbon odor or sheen was observed in the drainage ditch water.

4.3 **Waste Disposal**

Approximately 2,761 tons of PCS were removed from site and transported to the Waste Management transfer facility in Seattle for disposal. A summary of the PCS loads is presented below and the Waste Management soil disposal receipts are presented in Appendix B.

Data	Ni walan af Landa	Fatimental Overatity (tame)
Date	Number of Loads	Estimated Quantity (tons)
10/31/2013	8	233.68
11/01/2013	12	359.46
11/04/2013	12	358.16
11/05/2013	14	459.59
11/06/2013	21	656.06
11/07/2013	15	472.02
11/08/2013	7	222.41
Totals	89 Loads	2,761.38

4.4 **Excavation Backfill**

Approximately 2,665 tons of crushed rock and 3/4 inch minus gravel was imported and placed into the excavation following removal of the PCS. IOEI completed the backfill and compaction of the clean fill material on November 8, 2013.

5.0 **SOIL SAMPLING AND RESULTS**

Sample Collection Methods

Soil samples were collected using protocols specified in Washington Department of Ecology's Guidance for Site Checks and Site Assessments for Underground Storage Tanks¹. The following procedures were utilized at the property:

- PBS personnel field-screened observed soil for evidence of contamination.
- Samples were collected from undisturbed soil within the excavation directly into the laboratory-prepared sample containers. Sampling personnel wore a new pair of disposable latex-gloves for each sample.
- Samples were issued a project-specific identification number based on Spill Area. The location, time and depth of each sample was logged by PBS staff.
- When sampling for volatile compounds, samples were collected using the EPA Method 5035A sampling protocol. Each sample was placed into a 40-ml laboratory vial containing a pre-weighted methanol preservative. Vials were filled with approximately 5 grams of soil.
- Samples were placed into an ice chest to maintain a temperature near 4 degrees Celsius, and stored for the duration of sampling and transport to Advanced Analytical

¹ Washington State Department of Ecology (February 1991, revised April 2003). Guidance for Site Checks and Site Assessment for Underground Storage Tanks, Department of Ecology Underground Storage Tank Program. Publication # 90-52.



December 2013

- Laboratory in Bellevue, Washington, under chain-of-custody documentation. All samples were analyzed within one day of sample collection.
- Soil samples were submitted for analysis for diesel-range petroleum hydrocarbons by Method NWTPH-Dx. Selected additional analysis included gasoline-range petroleum hydrocarbons by method NWTPH-Gx, benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021 and polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270 (SIM).

5.2 Sampling Results

PBS collected a total of 68 soil samples during the excavation activities. The sample locations are presented in Figures 4 and 5. Analytical results from all analyzed samples are presented in Tables 1 through 8, by excavation areas. Laboratory reports and sample chain-of-custody forms are presented in Appendix C.

The majority of the confirmation samples were collected at 8 to 12 inches below the ground surface, and confirmed that petroleum contaminants levels were not detected or well below regulatory cleanup criteria. If analyzed soil samples did detect concentrations above the regulatory criteria, then additional excavation was performed and supplemental confirmation samples were collected, as described in section 6.3.2.

5.3 Discussion

5.3.1 Surface Sampling of Contaminated Soil

Three samples were collected from contaminated, near surface soils (A-I-1, B-1, D-1). The purpose of collecting these samples was to characterize the type and magnitude of the contamination. The impacted soil is characterized by elevated concentrations of diesel range petroleum hydrocarbons (TPH-Dx), ethylbenzene, xylenes and PAHs. Analyzed contaminated samples were predominantly impacted by TPH-Dx (10,000 – 57,000 ppm). As such, TPH-Dx was nominated as the indicator analyte for confirmation sampling.

Sample ID	Depth	NWTPH-Dx (mg/Kg)	Contaminants exceeding MTCA-A Soil Cleanup Level
A-I-1	0'-3"	57,000	Diesel range petroleum hydrocarbons, ethylbenzene, xylenes, benzo(a)pyrene, naphthalene, cPAHs
B-1	0'-1"	51,000	Diesel range petroleum hydrocarbons
D-1	0'-1"	10,000	Diesel range petroleum hydrocarbons

5.3.2 Confirmation Sample Exceedance

At two locations (B-6 and F-1) analysis of confirmation samples reported elevated contaminant concentrations, indicating the impact from the fuel spill extended deeper than one foot at these locations. Additional excavation in these spill areas was conducted and additional confirmation samples were collected.

- In Area B, in the vicinity of B-6, an additional six inch depth was excavated and sample B-22 was collected. Contaminants were not detected in the B-22 sample.
- In the northeast portion of Area F an additional six inches depth was excavated and sample F-3 was collected. Contaminants were not detected in the F-3 sample.

5.3.3 Area A

Field indications and laboratory analysis confirmed that impacted soil in Area A extends at least 5 to 10 feet bgs. Three test pits were excavated and vertical delineation was not achieved. The analyzed samples collected from depths of 3 to 10 feet bgs that indicated contamination levels above the regulatory criteria included (A-1, A-11 and TP#13).

Sample #	Depth	TPH-Dx (mg/Kg)
A-1	5'-0"	5,500
A-11	6'-6"	12,000
TP#3	3'-0"	6,800

The petroleum hydrocarbon impacted subsurface at Area A is considered anomalous in regard to the depth of impact observed in the other Spill Areas. Further subsurface investigations were conducted in December 2013 in Area A, and the findings will be presented under a separate report.

6.0 REGULATORY CRITERIA

6.1 MTCA Level A Soil Cleanup Limits

Petroleum hydrocarbons as THP-Dx, Ethylbenzene, Xylenes, and select PAHs were identified as the contaminants of concern. The MTCA Method A Soil Cleanup levels per MTCA Cleanup Regulation 173-340-900, Table 740-1, are the applicable cleanup standards. Direct comparison of soil sample results to the Method A levels were used as compliance with cleanup standards for this site (Appendix D). The remediation performed resolves to be a permanent cleanup action, as defined by the Model Toxics Control Act (MTCA), WAC 173-340-200.

7.0 CONCLUSIONS AND RECOMMENDATIONS

With regard to the response and remedial action to the fuel release at the FTA, PBS presents the following conclusions:

- The release of fuel to surface soil in the vicinity of the ARFF appears to have impacted several areas, mostly bordering the concrete containment of the prop itself and also near the northern and eastern fire hydrant locations. For organizational purposes the impacted soil was designated as separate Spill Areas A through H.
- The contaminated soil material has been removed and hauled for off-site disposal with completion on November 8, 2013. Approximately 2,761 tons of PCS were removed and transported under permit to the Waste Management transfer facility in Seattle for disposal.
- Based on site observations and analytical results, the PCS in Spill Areas B through H has been remediated or delineated to meet acceptable Ecology MTCA Method A soil cleanup standards.
- Since contamination has been removed, potential for contamination contact with surface runoff or runoff to storm drain basins has been sufficiently eliminated. Clean fill has been imported and the areas restored to grade.
- Field indications and laboratory analysis confirmed that impacted soil in Area A extends at least 5 to 10 feet bgs. Several test pits were excavated and vertical delineation was not achieved. Surface discharges in the Area A may be the cause of the deeper infiltration of the released fuel. The assessment and remediation of Area A is considered outside the scope of an emergency response and remediation of a surface release, and will require additional investigation before remedial action is undertaken.

With regard to the response and remedial action to the fuel release at the FTA, PBS presents the following recommendations:

- With regard to the October 25th surface release of fuel at the FTA, no further investigation or remediation in Spill Areas B through H is recommended at this time.
- Conduct a subsurface investigation at Area A to define the extent and magnitude of identified petroleum hydrocarbon impact.
- Submit a copy of this report to Ms. Jeanne Tran, Water Quality Program Engineer with the Washington Department of Ecology Northwest Regional Office in Bellevue, Washington.

8.0 LIMITATIONS

PBS has prepared this report for use by the Washington Department of Enterprise Services and the Washington State Patrol. This report is for the exclusive use of the client and is not to be relied upon by other parties. It is not to be photographed, photocopied, or similarly reproduced, in total or in part, without the expressed written consent of the client.

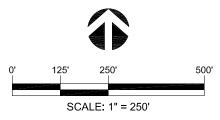
The reported activities were limited to the tests, locations, and depths as indicated to determine the absence or presence of certain contaminants. The site as a whole may have other contamination that was not characterized by this study. The findings and conclusions of this report are not scientific certainties but, rather, are probabilities based on professional judgment concerning the significance of the data gathered during the course of this investigation. PBS is not able to represent that the site or adjoining land contain no hazardous waste, oil or other latent conditions beyond that detected or observed by PBS.

PBS ENGINEERING AND ENVIRONMENTAL

Hen Him	December 30, 2013	
Ken Nogiere, LHG	Date	
Senior Geologist	se of Wash	20
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Thomas Mergy, LG	Date Center 1921	000
Senior Geologist	THOMAS J. ME	RGY



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PREPARED FOR: WA-DES

PROJECT# 40535.170 DATE **DEC 2013**

FIRE TRAINING ACADEMY - AERIAL VIEW

50810 GROUSE RIDGE ROAD NORTH BEND, WASHINGTON **FIGURE**

2

GENERAL NOTES

- 1. VACUUM AND ABSORBENT PADS USED TO REMOVE AND CONTAIN POOLED FUEL ON SURFACE ON 10/27/13.
- PORTION OF A-1/A-11, AREA A (SAMPLES A-12, TP-3, AND A-13) INDICATED CONTAMINATION DEEPER THAN 8-FOOT DEPTH.
- NORTH SIDE OF AREA A.
- 4. EXCAVATION AREAS BACKFILLED WITH CLEAN IMPORT CRUSHED GRAVEL AND COMPACTED WITH ROLLER ON

SITE PLAN SCALE: 1" = 80' PREPARED FOR: WA-DES

2. EXCAVATED DARK STAINED SURFACE MATERIALS TO APPROXIMATE 12-INCH BELOW SURFACE. EASTERN

3. INSTALLED SILT FENCE ALONG DRAINAGE DITCH AT

11/4/13 TO 11/7/13.

LEGEND

EXCAVATED AREA OF CONTAMINATED SURFACE MATERIAL

APPROXIMATE AREA OF OBSERVED SURFACE STAINED SOIL (10/26/13)

 \Diamond FIRE HYDRANT

FTW LINE

 \otimes MANHOLE COVER

CATCH BASIN

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SPILI FUEL

ARFF

ACADEMY

FIRE TRAINING

ISE RIDGE ROAD, WASHINGTON GROUSE BEND, 50810 SE NORTH I

SITE

PLAN

40535.170 PROJECT: DATE: DECEMBER 2013

FIGURE:

GENERAL NOTES

- 1. VACUUM AND ABSORBENT PADS USED TO REMOVE AND CONTAIN POOLED FUEL ON SURFACE ON 10/27/13.
- 2. EXCAVATED DARK STAINED SURFACE MATERIALS TO APPROXIMATE 12-INCH BELOW SURFACE. EASTERN PORTION OF A-1/A-11, AREA A (SAMPLES A-12, TP-3, AND A-13) INDICATED CONTAMINATION DEEPER THAN 8-FOOT DEPTH.
- 3. INSTALLED SILT FENCE ALONG DRAINAGE DITCH AT NORTH SIDE OF AREA A.
- 4. EXCAVATION AREAS BACKFILLED WITH CLEAN IMPORT CRUSHED GRAVEL AND COMPACTED WITH ROLLER ON 11/4/13 TO 11/7/13.

LEGEND

SOIL SAMPLE NUMBER AND LOCATION

EXCAVATED AREA OF CONTAMINATED SURFACE MATERIAL

APPROXIMATE AREA OF OBSERVED SURFACE STAINED SOIL (10/26/13)

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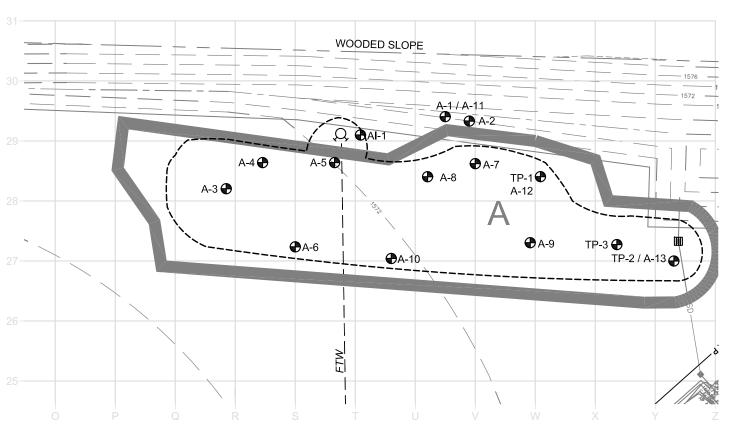
FIRE HYDRANT

FTW LINE

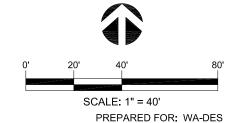
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MANHOLE COVER

CATCH BASIN



AVIATION FUEL SURFACE SPILL/RELEASE DESIGNATED AREA A



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FUEL

ARFF

RIDGE ROAD WASHINGTON ACADEMY GROUSE BEND, 50810 SE NORTH I FIRE TRAINING

SOIL SAMPLE

LOCATION PLAN

PROJECT:

DATE: DECEMBER 2013

FIGURE:

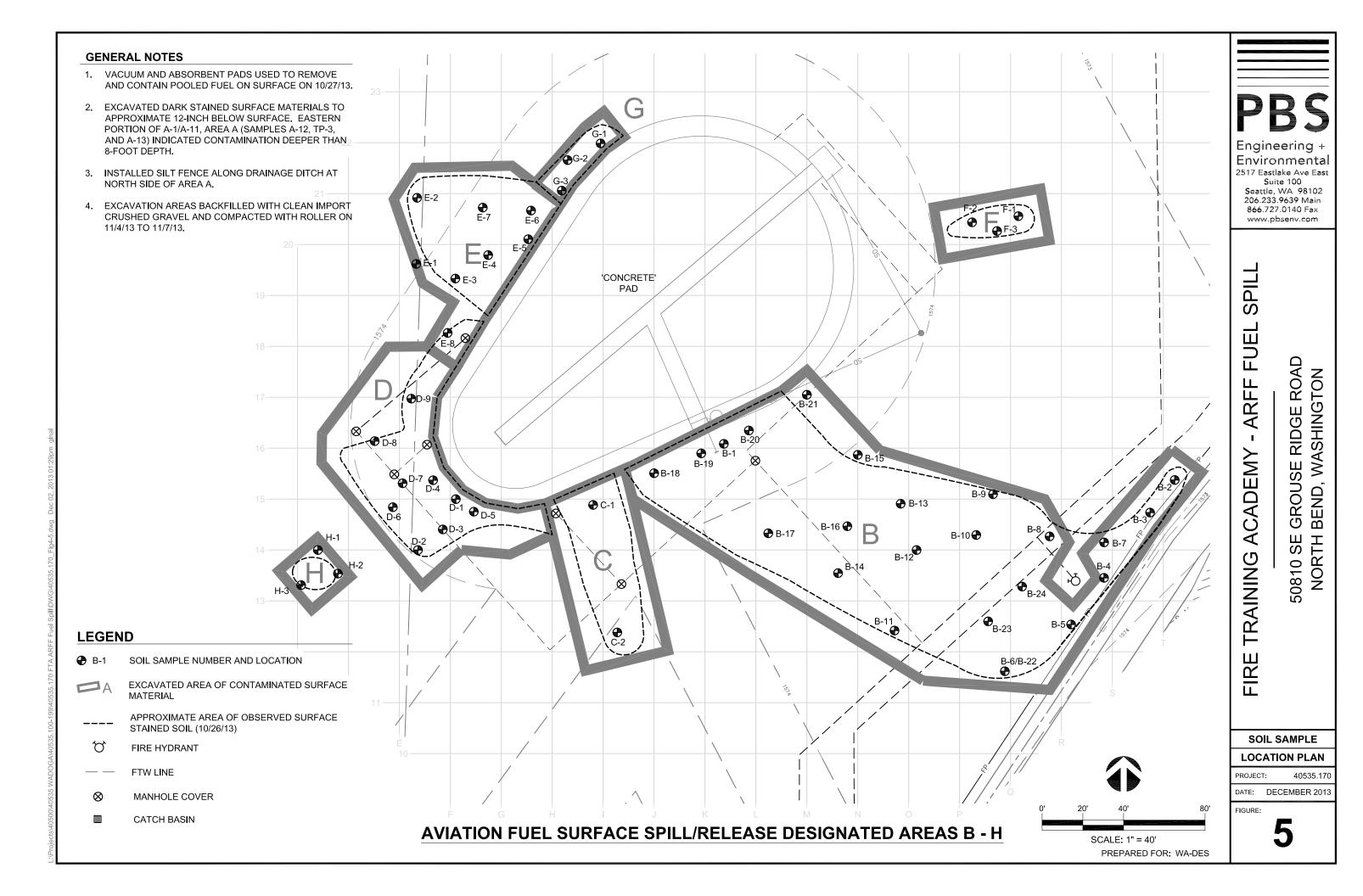




Table 1 - Area A Soil Analytical Results

Fire Training Academy - ARFF Fuel Spill

North Bend, Washington

			ı	NWTPH - Dx								PAH	3
Sample ID	Date	Depth (feet-inches	TPH as Kerosene/J et Fuel (mg/kg)	TPH as Diesel (mg/kg)	TPH as Heavy Oil (mg/kg)	TPH as Gasoline (mg/Kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/Kg)	B(a)P (mg/kg)	Naph (mg/kg)	Carcinogenic PAHs (mg/kg)
		bgs)											
A-I-1	10/29/2013	0'-3"	ND	57,000	ND	ND	<0.020	<0.050	560	4,900	1.7	72	2.20
A-1	10/29/2013	5'-0"	ND	5,500	ND	-	-	-	-	-	-	-	-
A-2	10/29/2013	2'-0"	ND	ND	ND	-	-	-	-	-	-	-	-
A-3	10/29/2013	0'-8"	ND	ND	ND	-	-	-	-	-	-	-	-
A-4	10/29/2013	0'-10"	ND	ND	ND	-	-	-	-	-	-	-	-
A-5	10/29/2013	0'-9"	ND	ND	ND	-	-	-	-	-	-	-	-
A-6	10/29/2013	1'-0"	ND	ND	ND	-	-	-	-	-	-	-	-
A-7	10/29/2013	1'-0"	ND	ND	ND	-	-	-	-	-	-	-	-
A-8	10/29/2013	1'-0"	ND	ND	ND	-	-	-	-	-	-	-	-
A-9	10/30/2013	1'-0"	ND	ND	ND	-	-	-	-	-	-	-	-
A-10	10/30/2013	1'-0"	ND	ND	ND	-	-	-	-	-	-	-	-
A-11	11/1/2013	6'-6"	ND	12,000	ND	-	-	-	-	-	-	-	-
A-12	11/4/2013	10'-0"	ND	54	ND	-	-	-	-	-	-	-	-
A-13	11/4/2013	8'-6"	ND	230	ND	-	-	-	-	-	-	-	-
TP#3 (A-13)	11/5/2013	3'-0"	ND	6,800	ND	ND	<0.020	<0.050	1,000	4,500	-	-	-
MTCA Method A	Cleanup Level		2,0	00	2,000	100	0.03	7	6	9	0.1	5	0.1**

Notes:

(-) - not analyzed

Bold indicates exceedances of MTCA Method A Soil Cleanup Level

PAH - polycyclic aromatic hydrocarbon

TPH - total petroleum hydrocarbons

B(a)P - benzo (a) pyrene

ND = analyte not detected at level above laboratory method reporting limit (MRL)

Naph - naphthalene

bgs = below ground surface

^{**} Value for carcinogenic PAHs by toxicity equivalency methodology in WAC 173-340-708(8) and table 708.2

Table 2 - Area B Soil Analytical Results

Fire Training Academy - ARFF Fuel Spill North Bend, Washington

			ı	NWTPH - D	(PAHs	
Sample ID	Date	Depth (feet-inches bgs)	TPH as Kerosene/J et Fuel (mg/kg)	TPH as Diesel (mg/kg)	TPH as Heavy Oil (mg/kg)	TPH as Gasoline (mg/Kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/Kg)	B(a)P (mg/kg)	Naph (mg/kg)	Carcinogenic PAHs (mg/kg)
B-1	10/29/2013	0'-1"	ND	51,000	ND	-	-	1	-	1	-	-	-
B-2	10/30/2013	0'-6"	ND	ND	ND	-	-	-	-	-	-	-	-
B-3	10/30/2013	1'-0"	ND	ND	ND	-	-	•	-	ı	-	-	-
B-4	10/30/2013	0'-9"	ND	ND	ND	-	-	-	-	ı	-	-	-
B-5	10/30/2013	1'-0"	ND	ND	ND	-	-	-	-	-	-	-	-
B-6	10/30/2013	1'-0"	ND	6,900	ND	-	-	•	-	1	<0.01	32	0.04
B-7	10/31/2013	0'-8"	ND	ND	ND	-	-	-	-	ı	-	-	-
B-8	10/31/2013	1'-0"	ND	ND	ND	-	-	-	-	ı	-	-	-
B-9	10/31/2013	0'-8"	ND	ND	ND	-	-	-	-	-	-	-	-
B-10	10/31/2013	1'-0"	ND	40	ND	ND	<0.020	<0.050	<0.050	<0.050	-	-	-
DUP_10.31.13	10/31/2013	1'-0"	ND	37	ND	-	-	-	-	-	-	-	-
B-11	10/31/2013	1'-0"	ND	ND	ND	-	-	-	-	-	-	-	-
B-12	10/31/2013	0'-10"	ND	42	ND	-	-	-	-	-	-	-	-
B-13	10/31/2013	1'-0"	ND	ND	ND	-	-	-	-	-	-	-	-
B-14	10/31/2013	0'-10"	ND	ND	ND	-	-	-	-	-	-	-	-
B-15	10/31/2013	1'-0"	ND	ND	ND	-	-	-	-	-	-	-	-
B-16	10/31/2013	0'-10"	ND	ND	ND	-	-	-	-	-	-	-	-
B-17	10/31/2013	0'-10"	ND	ND	ND	ND	<0.020	<0.050	<0.050	<0.050	-	-	-
B-18	11/6/2013	1'-0"	ND	ND	ND	-	-	-	-	-	-	-	-
B-19	11/6/2013	1'-0"	ND	ND	ND	-	-	-	-	-	-	-	-

Table 2 - Area B Soil Analytical Results

Fire Training Academy - ARFF Fuel Spill North Bend, Washington

B-20	11/6/2013	0'-10"	ND	ND	ND	-	-	-	-	-	-	-	-
B-21	11/6/2013	1'-0"	ND	ND	ND	-	-	-	-	-	-	-	-
B-22	11/6/2013	1'-6"	ND	ND	ND	ND	<0.020	<0.050	<0.050	<0.050	-	-	-
B-23	11/7/2013	1'-6"	ND	ND	ND	ND	<0.020	<0.050	<0.050	<0.050	-	-	-
B-24	11/7/2013	1'-6"	ND	ND	ND	ND	<0.020	<0.050	<0.050	<0.050	-	-	-
MTCA Method A	Cleanup Level		2,0	00	2,000	100	0.03	7	6	9	0.1	5	0.1**

Notes:

(-) - not analyzed

Bold indicates exceedances of MTCA Method A Soil Cleanup Level

PAH - polycyclic aromatic hydrocarbon

TPH - total petroleum hydrocarbons

B(a)P - benzo (a) pyrene

ND = analyte not detected at level above laboratory method reporting limit (MRL)

Naph - naphthalene

bgs = below ground surface

^{**} Value for carcinogenic PAHs by toxicity equivalency methodology in WAC 173-340-708(8) and table 708.2

Table 3 - Area C Soil Analytical Results

Fire Training Academy - ARFF Fuel Spill North Bend, Washington

				NWTPH - Dx						
Sample ID	Date	Depth (feet-inches bgs)	TPH as Kerosene/J et Fuel (mg/kg)	TPH as Diesel (mg/kg)	TPH as Heavy Oil (mg/kg)	TPH as Gasoline (mg/Kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/Kg)
C-1	10/31/2013	1'-0"	ND	31	ND	ND	<20	<50	<50	<50
C-2	10/31/2013	1'-0"	ND	ND	ND	-	-	-	-	-
MTCA Metho	MTCA Method A Cleanup Level		2,0	2,000		100	0.03	7	6	9

Notes:

(-) - not analyzed

Bold indicates exceedances of MTCA Method A Soil Cleanup Level

ND = analyte not detected at level above laboratory method reporting limit (MRL)

bgs = below ground surface

Table 4 - Area D Soil Analytical Results

Fire Training Academy - ARFF Fuel Spill North Bend, Washington

				NWTPH - Dx	
Sample ID	Date	Depth (feet-inches bgs)	TPH as Kerosene/Jet Fuel (mg/kg)	TPH as Diesel	TPH as Heavy Oil
D-1	10/29/2013	0'-1"	ND	10,000	ND
D-2	10/29/2013	1'-0"	ND	ND	ND
D-3	10/29/2013	1'-0"	ND	ND	ND
D-4	10/29/2013	1'-0"	ND	ND	ND
D-5	10/29/2013	1'-0"	ND	ND	ND
D-6	10/29/2013	1'-0"	ND	ND	ND
D-7	10/29/2013	1'-0"	ND	ND	ND
D-8	10/30/2013	0'-8"	ND	ND	ND
D-9	10/30/2013	1'-0"	ND	ND	ND
MTCA Method A	Cleanup Level		2,0	000	2,000

Notes:

(-) - not analyzed

Bold indicates exceedances of MTCA Method A Soil Cleanup Level

* = Gasoline in soil MTCA Method A Cleanup level when benzene is present

ND = analyte not detected at level above laboratory method reporting limit (MRL)

bgs = below ground surface

Table 5 - Area E Soil Analytical Results

Fire Training Academy - ARFF Fuel Spill North Bend, Washington

				NWTPH - Dx		
Sample ID	Date	Depth	TPH as Kerosene/Jet Fuel	TPH as Diesel	TPH as Heavy Oil	
		(feet-inches bgs)	(mg/kg)	(mg/kg)	(mg/kg)	
E-1	10/30/2013	0'-10"	ND	ND	ND	
E-2	10/30/2013	0'-5"	ND	ND	ND	
E-3	10/30/2013	1'-0"	ND	ND	ND	
E-4	10/30/2013	1'-0"	ND	ND	ND	
E-5	11/5/2013	1'-0"	ND	ND	ND	
E-6	11/5/2013	1'-0"	ND	ND	ND	
E-7	11/5/2013	1'-0"	ND	ND	ND	
E-8	11/5/2013	1'-0"	ND	ND	ND	
MTCA Method A Cle	eanup Level		2,0	2,000		

Notes:

(-) - not analyzed

Bold indicates exceedances of MTCA Method A Soil Cleanup Level

ND = analyte not detected at level above laboratory method reporting limit (MRL)

bgs = below ground surface

^{* =} Gasoline in soil MTCA Method A Cleanup level when benzene is present

Table 6 - Area F Soil Analytical Results

Fire Training Academy - ARFF Fuel Spill North Bend, Washington

				NWTPH - Dx						
Sample ID	Date	Depth (feet-inches bgs)	TPH as Kerosene/J et Fuel (mg/kg)	TPH as Diesel (mg/kg)	TPH as Heavy Oil (mg/kg)	TPH as Gasoline (mg/Kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/Kg)
F-1	10/30/2013	1'-0"	ND	1,700	ND	ND	<0.020	<0.050	100	390
F-2	10/30/2013	1'-0"	ND	ND	ND	-	-	-	-	-
F-3	11/1/2013	1'-6"	ND	ND	ND	-	-	-	-	-
MTCA Metho	od A Cleanup	Level	2,0	2,000		100	0.03	7	6	9

Notes:

(-) - not analyzed

Bold indicates exceedances of MTCA Method A Soil Cleanup Level

ND = analyte not detected at level above laboratory method reporting limit (MRL)

bgs = below ground surface

Table 7 - Area G Soil Analytical Results

Fire Training Academy - ARFF Fuel Spill North Bend, Washington

			NWTPH - Dx					
Sample ID	Date	Depth (feet-inches bgs)	TPH as Kerosene/Jet Fuel (mg/kg)	TPH as Diesel	TPH as Heavy Oil (mg/kg)			
G-1	10/29/2013	1'-4"	ND	ND	ND			
G-2	10/29/2013	1'-4"	ND	ND	ND			
G-3	10/29/2013	1'-8"	ND	ND	ND			
MTCA Method A C	leanup Level		2,0	2,000				

Notes:

(-) - not analyzed

Bold indicates exceedances of MTCA Method A Soil Cleanup Level

* = Gasoline in soil MTCA Method A Cleanup level when benzene is present

ND = analyte not detected at level above laboratory method reporting limit (MRL)

bgs = below ground surface

Table 8 - Area H Soil Analytical Results

Fire Training Academy - ARFF Fuel Spill North Bend, Washington

			N	IWTPH - Dx						
Sample ID	Date	Depth (feet-inches bgs)	TPH as Kerosene/Je t Fuel (mg/kg)	TPH as Diesel (mg/kg)	TPH as Heavy Oil (mg/kg)	TPH as Gasoline (mg/Kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/Kg)
H-1	10/30/2013	0'-10"	ND	ND	ND	-	-	-	-	-
H-2	10/30/2013	0'5"	ND	ND	ND	-	-	-	-	-
H-3	10/30/2013	0'10"	ND	ND	ND	ND	<0.020	<0.050	<0.050	<0.050
MTCA Method A Cleanup Level			2,000		2,000	100	0.03	7	6	9

Notes:

(-) - not analyzed

Bold indicates exceedances of MTCA Method A Soil Cleanup Level

ND = analyte not detected at level above laboratory method reporting limit (MRL)

bgs = below ground surface

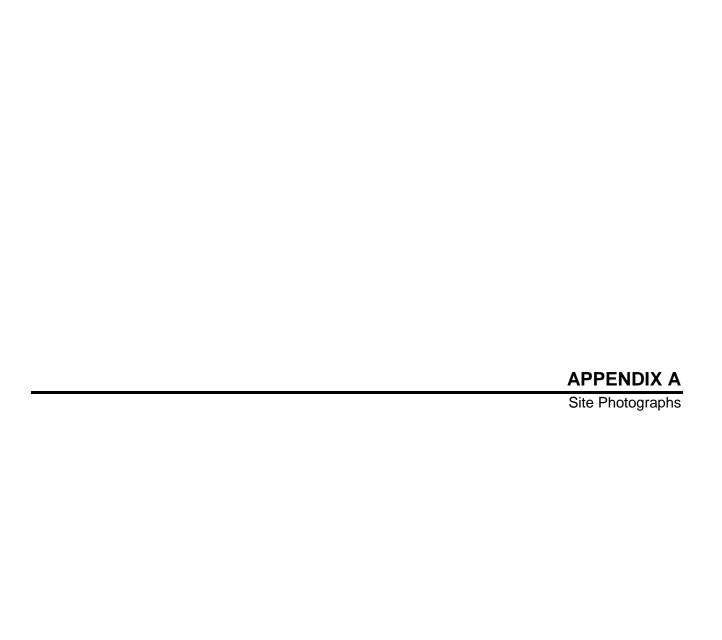




Photo 1: Project Site: FTA North Bend



Photo 2: Aviation fire simulation area



Photo 3: Aviation fire simulation area



Photo 4: Area photograph



Photo 5: Area A spill



Photo 6: Area A excavation



Photo 7: Area B spill: drainage culvert



Photo 9: Area B excavation: drainage culvert



Photo 11: Area B excavation



Photo 8: Area B excavation: drainage culvert



Photo 10: Area B spill



Photo 12: Area C spill



Photo 13: Area D spill



Photo 15: Area E spill



Photo 17: Area F spill



Photo 14: Area D excavation



Photo 16: Area E spill



Photo 18: Area F excavation



Photo 19: Area G spill



Photo 21: Area H excavation



Photo 23: Area B drainage culvert during November 7th precipitation: no sheen observed



Photo 20: Area G excavation



Photo 22: Excavations complete and covered before November 7th precipitation.



Photo 24: Soil removal for off-site disposal



Photo 25: Importation of gravel fill



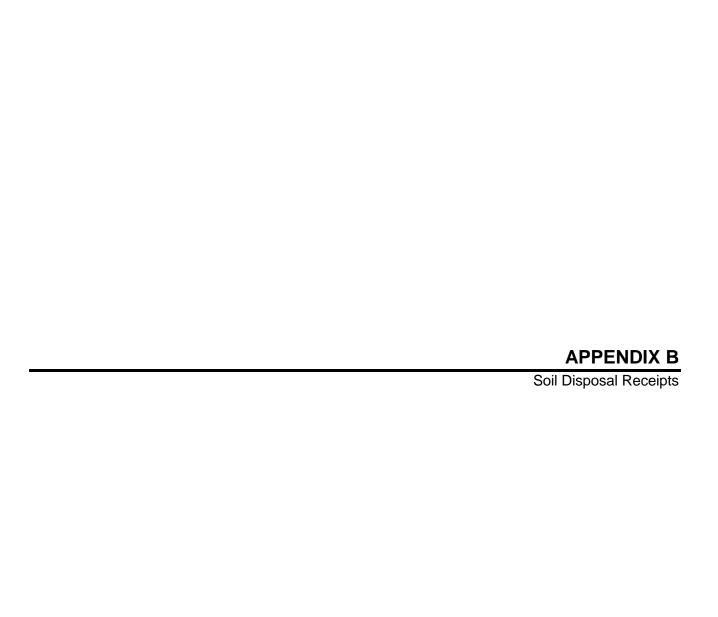
Photo 26: Area B restoration



Photo 27: Restoration



Photo 28: Restoration



Total Tax Total Ticket

\$5,45 \$1477,36

KING

Origin

\$939.65 KING \$900.06 KING		ያ ረሳ .	29.83 16.77	Tons Tons	21.50 21.50	100 100	Cover-PCS-Tons-Pet LA 16.77/TN-GONDOLA	Daily Cover-PCS-Tons-Pet	Dù ⊷∘
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		** ,						WASTE MANAGEMENT	WASTE
icket# 71306	Tic 5025	Ph: 206 763	Ph:		Street teet	ÅH EYN E	70 S Ala Seattle,		
Original	Ori		,) :			Street	Alaska :]	

101560 lb 38560 lb 63000 lb 31.50



Alaska Street 70 S Alaska Jöreet Seattle, WA, 98134 Original Ticket# 71307

Ph: 206 763 5025

Custome	r Name 10) ENV	I RONMENTAL	. AND	INFRASTR	Carrier	SELF	HAULER	*			
Ticket	Date 10	0/31/2	2013			Vehicle#	K19SD	1		Volume		
Payment	Type Cr	~edit	Account			Container		·				
Manual	Ticket株					Driver	JAKE	COMPTO	N			
Route	AK .	~				Check#						
Hauling	Ticket#					Billing#	00003	13				
Destina	tion					Grid						
PO#	1083301	٧A										
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In 10	/31/2013	10:1	1:53 SCA	NLE 1	lm	ercer				Tare	42880	16
Out 10.	/31/2013	10:36	5:23 SCA	NLE 1	lme	ercer				Net	45360	15
										Tons	22	. 68

Comments KCPK - GD

Proc	duct	LD%	Cty	MOU	Rate	Tax	Amount	Origin
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		22.68 22.68		29.83 16.77	6.80	\$676.54 \$3 80 .34	

Driver's Signature

Total Tax Total Ticket

\$6.80 \$1063.68

Alaska Street 70 S Alaska Street Seattle, WA, 98134

Original Ticket# 71308

Total Tax
Total Ticket

\$10.67 \$1667.30

208Wijver's Signature Management and Andrews

Customer Name	WASTE MANAGEMENT	
Œ)	EMENT	
901		

Comments XCPX - GD	UUT 10/31/2013 10:45:44			네 3. 3	PO# 108330WA	Destination	Hauling Ticket#	Route AK	Manual Ticket#	Payment Type Credit Account	Ticket Date 10/	Customer Name IO ENVIRONMENTAL	WASTE MANAGEMENT			
- GD	0140144	0.00.00) , , ,							dit Accou	10/31/2013	ENVIRONME		ប្រគង	70	Ala
)))))))))	n)						nt		AND		Seattle, WA, 98134	70 S Alaska Street	Alaska Street
	一色のでいのづ					Grid	Billing#	Check#	Driver	Container	Vehicle#	INFRASTR Carrier		98134	ATTENT	
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 	7 20 ct			ŧ							Volume			5005	Ticket# 71309	Origina.
Մ	04188 01 88140		11 66716 01 607161												71309	F-ma

Driver's Signature

Product

Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA

100 001

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Tons

29, 83 16, 77

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\$957, 24 \$538, 15

KING

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Rate

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Amount

Origin

Total Ticket Total Tax

\$9.63 \$1505,02

Municul Tinbet#	Payment Type	Ticket Date	Customer Name	WASTE MANAGEMENT			
+	Credit Accou	10/31/2013	IO ENVIRONME	7	្ល ប្រកព	70 (1 P

Alaska Street S Alaska Street attle, WA, 98134 Ph: 206 763 5025

ENTAL AND INFRASTR Carrier Ticket# 71343 Original

Route Comments Destination Hauling Ticket# Handar Tinkers 10/31/2013 13:58:34 10/31/2013 13:58:34 Time 108330WA KCPK - 60 int SCALE 1 000) 000) 000) imercer imercer Operator Grid Billing# Container #YOMAC Driver Vehicle# K109 0000313 MIKE NICHOLS SELF HAULER * Inbound Gross Net Tare Tons Volume 99080 lb 41320 lb 57760 lb

28.88

100

1-4 31

ſΰ 15npord Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA 100 100 707 88 88 88 V 40 Tons Tons Š Ruto 29, 83 16, 77 X F F 9,66 Amount \$484.32 \$861.49 KING KING Origin

\$0.66 \$1354.47

8						
203WM yer's Signature	1 Daily Cover-PCS-Tons-Pet 100 2 GONDOLA 16.77/TN-GONDOLA 100	Product	Comments KOPK + GD	Time Scale In 10/31/2013 14:07:05 SCALE 1 Out 10/31/2013 14:07:05	Route HR Hauling Ticket# Destination PO# 108330WA	다 라 라 라 다 다 다 다 다 다 다 다 다 다 다 다 다 다 다 다
	23.48 Tons 23.48 Tons	MOM A40		Operator lmercer lmercer	Check# Billing# Grid	FRASTR Carrier Vehicle# Container Driver
Total Tax Total Tic	29.83 7.04 16.77	Rate		Inbound	0000313	SELF HAULER * K49 ZEKE COBERLY
Tax Ticket	\$700. \$393.	Amount	Tons	Gross Tare Net		Volume

84560 lb 37600 lb 46960 lb 23.48

Alaska Street 70 S Alaska Street Seattle, WA, 98134

Original Ticket# 71345

\$7.04 \$1101.21

\$700.41 \$393.76

KING

Origin

Total Tax Total Ticket

\$9, 13 \$1427, 64

fù ⊷	Product	Custo Ticke Payne Manua Route Hauli Desti	WASTE
Dail) GONDO	Ent.	Customer Name I Ticket Date 1 Payment Type C Manual Ticket# Route AK Hauling Ticket# Destination 10/31/2013 Dut 10/31/2013 Dut 10/31/2013 Comments KCP	WASTE MANAGEMENT
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er-PCS 5.77/T	! ! !	IO ENVIRON 10/31/2013 Credit Acc # # # # # # # # # # # # # # # # # #	Ü
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76		HAULER GROEN 13	 ()
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			Time 10/31/2013 10/31/2013	ion 1083	Tinket#	Tioket#	Customer Name Ticket Date	WASTE MANAGEMENT
)ver-		KOPK		on 108330WA	*	¥ 5	-	ENT
-PCS-		- GD	ងង ហេលា	.1.7		Credit	IO ENVIRON 10/31/2013	
-Tons		U	9 9 10 10 4 4			Account	IRON NOSS	ຫຼ
Cover-PCS-Tons-Pet A 16.77/TN-GONDOLA	্ট্ৰ		909 809			ount	ENVIRONMENTAL 31/2013	មា ម ម ម ម ម

100	Ph: 206 763 5029	TO ENUTRONMENTO, OND INCROSTS Charles of a college .	ACCOUNTS TO THE PROPERTY OF TH
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4:09:04 4:09:04 it Account 60 , in Scale SCALE 1 lmercer lmercer Operator Billing# Grid Chack# Driver Container 0000313 JAKE COMPTON Inbound Gross Tara Net Tons 101000 15 42880 15 58120 15 29.06

205WM ver's Signature

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Tons Tons

29, 83 16, 77

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\$866.86 \$487.34

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Total Ticket Total Tax

\$8.72 \$1362.92

Customer Summary Report

Criteria: 10/15/2013 12:00 AM to 10/31/2013 11:59 PM

Business Unit Name: AK St Reload and Recycle Facility - S07325 (USA)

Customer Name: IO ENVIRONMENTAL AND INFRASTRUCTURE INC (IO ENVIRONMENTAL AND INFRASTRUCTURE INC)

Ticket Date	Ticket ID	Cust Code	Generator	Profile	Truck	Tons	Total
10/31/2013	71306	0000313	WA-WASHINGTON STATE FIRE	108330WA	К39	31.5	\$1,477.36
10/31/2013	71307	0000313	WA-WASHINGTON STATE FIRE	108330WA	K19SD	22.68	\$1,063.68
10/31/2013	71308	0000313	WA-WASHINGTON STATE FIRE	108330WA	K109	35.55	\$1,667.30
10/31/2013	71309	0000313	WA-WASHINGTON STATE FIRE	108330WA	K49	32.09	\$1,505.02
10/31/2013	71343	0000313	WA-WASHINGTON STATE FIRE	108330WA	K109	28.88	\$1,354.47
10/31/2013	71345	0000313	WA-WASHINGTON STATE FIRE	108330WA	K49	23.48	\$1,101.21
10/31/2013	71350	0000313	WA-WASHINGTON STATE FIRE	108330WA	K39	30.44	\$1,427.64
10/31/2013	71351	0000313	WA-WASHINGTON STATE FIRE	108330WA	K19SD	29.06	\$1,362.92
10/30/2013	71203	0000313	WA-WASHINGTON STATE FIRE	108330WA	NONE	Profile Fee	\$75.00
Customer Total	9					233.68	\$11,034.60



Original Ticket# 71863

Ph: 206 763 5025

Customer Name IO ENVIRONMENTAL AND INF	RASTR Carrier SELF HAULER *	
Ticket Date 11/01/2013	Vahicle# k̃39 , '''	Volume
Payment Type Credit Account	Container	
Manual Ticket#	Driver GORDY GROEN	A STATE OF THE STA
Route AK	Check#	
Hauling Ticket#	Billing# @000313	
Destination	Grid	
PO# 108330WA		
Time Scale	Operator Inbound	Gross 108440 lb*
In 11/01/2013 07:05:01 SCALE 1	lmercer	Tare 38560 lb*
Out 11/01/2013 07:05:01	lmercer	Net 69880 lb
	* Manual Weight	Tons 34.94
Comments KCPK - LM (REPLACES VOIDED	TICKET # 71365) .	

Proc	luct	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		34.94 34.94					KING



Ticket# 71996 Ph: 206 763 5025

Original

Customer Name IO ENVIRONMENTAL ANDWINFRASTR Gammier SELB HAULER * Ticket Date 11/01/2013 Vehicle# K19SD Volume Payment Type Credit Account Container Manual Ticket# Driver JAKE COMPTON Route AK Check# Haulino Ticket# Billing# 0000313 Destination Grid PO# 108330WA Time Scale Operator Inbound Gross 102320 lb* 11/01/2013 07:08:27 InSCALE 1 lmercer Tare 42880 1b* Out: 11/01/2013 07:08:27 lmercer Net 59440 16 * Manual Weight Tons 29.72 KCPK - LM (REPLACES VOIDED TICKET # 71366)

Pro	duct	LD%	Qty	MOU	Rate	Tax	Amount	Origin
i 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA	100 100	29.72 29.72			and the same state and the same state state and	14/4	KING



Original Ticket# 71997 Ph: 206 763 5025

Customer Name TO ENVIRON Ticket Date 11/01/2013 Payment Type Credit Acc			ELF HAULER * 109	Volume	
Manual Ticket#		Driver M	IKE NICHOLS		
Route AK		Check#			
Hauling Ticket#		Billing# 0	000313		
Destination PO# 108330WA		Grid			
Time	Scale	Operator	Inbound	Gross	113460 lb*
In 11/01/2013 07:12:14	SCALE 1	Imercer		Tare	41320 lb*
Out 11/01/2013 07:12:14		lmercer		Net	72140 15
Comments KCPK - LM (RE	EPLACES VOIDE	* Manual Weigh) TICKET # 71367)	t	Tons	36.07

			Vin					
Pro	duct 	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA	100 100	36.07 36.07	Tons Tons			*** *** *** **.	KING KING



Original Ticket# 71999 Ph: 206 763 5025

UU55	omet Wame IN	EMAT KINNWEW I	HE AND INFRASTR	Carrier	SELF HAULER *		
Tick	et Date 11/	/01/2013		Vehicle#	CE327	Volume	
Paym	ent Type Cre	edit Account	;	Container			
Manu	al Ticket#			Driver	CLIFTON CALLOWA	iΥ	
Rout	e AK			Check#		•	
Haul	ing Ticket#			Billing#	0000313		
Dest	ination			Grid			•
PO#	108330WA	ì	\$				
	Time		Scale 0	perator	Inbound	Gross	88940 lb*
Ιn	11/01/2013 1	[0:02:58 S		ercer		Tare	38980 lb*
Out	11/01/2013 1	0:02:58	1 m	ercer		Net	49960 lb
				Manual Wei		Tons	24.98
Comm	ents C&6	E TRANS - LI	1 (REPLACES VOID)	ED TICKET:	# 71 3 93)		

pro:	duet 	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		24.98 24.98					KING



Original Ticket# 7200i Ph: 206 763 5025

Customer Name IO ENVIP Ticket Date 11/01/20	013	RASTR Carrier Vehicle#		Volume	
Payment Type Credit A	lecount	Container			
Manual Ticket#		Driver	DAVID PURSELL		
Route AK		Check#			
Hauling Ticket#		Billing#	0000313		
Destination		Grid			
PO# 108330WA					
Time	Scale	Operator	Inbound	Gross	84820 1b*
In 11/01/2013 10:09:	11 SCALE 1	lmercer		Tare	37140 lb*
Out 11/01/2013 10:09:	11	lmercer		Net	47680 lb
		* Manual Wei	nh t	Tons	23.84
Comments AC PAVING	- LM (REPLACES V			1.0112	LUSUT

Prod	duct	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		23.84 23.84			· · · · · · · · · · · · · · · · · · ·	. The second	KING KING



Product

Ticket Date 11/01/2013

Payment Type Credit Account

70 S Alaska Street Seattle, WA, 98134

Alaska Street

Ph: 206 763 5025 Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER *

Volume

Original

Ticket# 72002

Origin

KING KING

Manual Ticket# Route AK	Driver GORD Check#	Y GROEN
Hauling Ticket#	Billing# 0000	313
Destination	Grid	
PO# 108330WA		
Time 9	cale Operator	Inbound Gross 101200 16*
In 11/01/2013 10:16:31 SC	ALE 1 lmercer	Tare 38560 1b*
Out 11/01/2013 10:16:31	lmercer	Net 62640 1b
	* Manual Weight	Tons 31.32
Comments KCPK - LM (REPLAC	ES VOIDED TICKET # 71396)	

Ωtγ

MOU

Rate

Tax

Vehicle# K39

Container

i 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA	31.32 31.32		
	•			

LD%

Total Tax Total Ticket

Amount



Original Ticket# 72003 Ph: 206 763 5025

Customer Name IO ENVIRONME Ticket Date 11/01/2013 Payment Type Credit Accou		ASTR Carrier Vehicle# Container		Volume	
Manual Ticket# Route AK		Driver	JAKE COMPTON		
Hauling Ticket# Destination		Check# Billing# Grid	0000313		
PO# 108330WA					
Time In 11/01/2013 10:42:42 Out 11/01/2013 10:42:42	Scale SCALE 1	Operator Imercer Imercer	Inbound	Gross Tare Net	94800 lb* 42880 lb* 51920 lb
Comments KCPK - LM (REP	LACES VOIDED	* Manual Weig TICKET # 71398		Tons	25.96

Prod	duct	LD%	Qty	NOM	Rate	Тах	Amount	Origin
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA	100 100	25.96 25.96					KING



Product

2030WM ver's Signature

Alaska Street 70 S Alaska Street Seattle, WA. 98134

Original Ticket# 72004 Ph: 206 763 5025

Volume

Sross

Tare

Net

Tons

96700 15*

41320 lb*

55380 lb

Origin

KING

KING

27.69

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/01/2013 Payment Type Credit Account Manual Ticket#

Hauling Ticket# Destination Grid PO# 108330WA

Time In 11/01/2013 10:51:34 SCALE 1

Out 11/01/2013 10:51:34

Scale

Comments KCPK - LM (REPLACES VOIDED TICKET # 71400)

1 Daily Cover-PCS-Tons-Pet 100 27.69 Tons

GONDOLA 16.77/TN-GONDOLA 100

Operator

Route AK

LD%

Qty

27.69 Tons

Vehicle# K109 Container

lmercer

* Manual Weight

UOM

lmercer

Driver MIKE NICHOLS Check# Billing# 0000313

Inbound

Rate Tax Amount



LD%

100

Daily Cover-PCS-Tons-Pet 100

GONDOLA 16.77/TN-GONDOLA

Original Ticket# 72005 Ph: 206 763 5025

Amount

Origin

KING

KING

Customer Name IO ENVIRONM Ticket Date 11/01/2013 Payment Type Credit Acco		FRASTR Carrier Vehicle# Container	SELF HAULER * K39	Volume	
Manual Ticket#		Driver	GORDY GROEN		
Route AK Hauling Ticket#		Check#	2222212		
Destination		Billing#	0000313	,	
PO# 108330WA		Grid			
Time	Scale	Operator	Inbound	Gross	104140 15*
In 11/01/2013 14:05:57	SCALE 1	lmercer		Tare	38560 lb*
Out 11/01/2013 14:05:57		lmercer		Net	65580 lb
		* Manual Wei	ght	Tons	32.79
Comments KCPK - LM (RE	PLACES VOIDEI) TICKET # 71427)		
					7
٠ 👊					

Oty UOM

32.79 Tons

Tons

32.79

Total	Tax	

Total Ticket

Rate Tax

208WMver's Signature



Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER *

Original Ticket# 72006 Ph: 206 763 5025

3	Vehicle#	K19SD	Volume	
count	Container			
	Driver	JAKE COMPTON		
	Check#			
	Billino#	00 0 0313		
	Grid			
	<u>-</u>			
Scale	Operator	Inhound	Gross	106120 lb*
3 SCALE 1	lmercer		- · -	42880 lb*
3	lmercer			63240 lb
	* Manual Wei	aht		31.62
REPLACES VOIDE				31.02
	Scale SCALE 1	count Container Driver Check# Billing# Grid Scale Operator 3 SCALE 1 Imercer 3 Imercer * Manual Wei	Container Driver JAKE COMPTON Check# Billing# 0000313 Grid Scale Operator Inbound 3 SCALE 1 Imercer	Container Driver JAKE COMPTON Check# Billing# 0000313 Grid Scale Operator Inbound Gross 3 SCALE 1 Imercer Tare 1 mercer Net * Manual Weight Tons

Pro	Product		Qty	MOU	Rate	Tax	Amount	Origin	
2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		31.62 31.62					KING KING	

Total Tax Total Ticket

20**8Mni**ver's Signature



Ticket Date

70 S Alaska Street Seattle, WA, 98134

Alaska Street

Ph: 206 763 5025 Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Volume

Original

Ticket# 72007

Payment Type Credit A	ccount	Container	
Manual Ticket#		Driver	MIKE NICHOLS
Route AK		Check#	
Hauling Ticket#		Billing#	0000313
Destination		Grid	
PO# 108330WA			
Time	Scale	Operator	Inbound

Destina #09 Ϊn 11/01/2013 14:21:58 SCALE 1 lmercer Out 11/01/2013 14:21:58

lmercer inual Weight # 71429)

33.17

33.17

100

MOU

Tons

Tons

Vehicle# Kid9

Gross Tare Net Tons

Amount

107660 15* 41320 lb* 66340 15 33.17 Origin KING

KING

Comments	KCPK - LM	(REPLACES	VOIDED	* Mar TICKET
Product		~	LD%	Qty

Daily Cover-PCS-Tons-Pet 100

GONDOLA 16.77/TN-GONDOLA

11/01/2013

Total Tax Total Ticket

Tax

Rate

208WM ver's Signature



Ticket# 72008 Ph: 206 763 5025

Amount

Origin

KING

KING

Original

Manual Ticket# Route AK Hauling Ticket#	Check#	JRDY GROEN		
Hauling Ticket#	nana_u aa			
	DITTIUDA OR	000313		
Destination	Grid			
PO# 108330WA				
Time Scale	Operator	Inbound	Gross	101540 15*
In 11/04/2013 09:41:49 SCALE 1	lmercer		Tare	38560 lb*
Out 11/04/2013 09:41:49	lmercer		Net	6298Ø 15
	* Manual Weight	,	Tons	31.49
Comments KCPK - LM (REPLACES VOIDE		•	. 5.113	

UOM

Rate

Qty

31.49 Tons

31.49 Tons

LD%

100

Daily Cover-PCS-Tons-Pet 100

GONDOLA 16.77/TN-GONDOLA

Total	Tax
Total	Ticket

Tax



Alaska Street 70 S Alaska Street Seattle, WA, 98134 Custamer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER *

Ticket# 72009 Ph: 206 763 5025

Original

Ticket Date	Vehicle#	K109	Volume	
Payment Type Credit Account	Container			
Manual Ticket#	Driver	MIKE NICHOLS		
Route AK	Check#			
Hauling Ticket#	Billing#	0000313		
Destination	Grid			
PO# 108330WA				
Time . Scale	Operator	Inbound	Gross	108000 lb*
In 11/04/2013 09:47:09 SCALE 1	lmercer		Tara	41320 lb*
Out 11/04/2013 09:47:09	lmercer		Net	66680 15
	* Manual Weig	ght	Tons	33.34
Comments KCPK - LM (REPLACES VOIDED				

Proc	iuct	LD%	Qty	MOU	Rate	Тах	Amount	Origin
1	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA	100 100	33.34 33.34					KING



Original Ticket# 72010 Ph: 206 763 5025

Customer Name IO ENVIRONMENTAL (Ticket Date 11/04/2013 Payment Type Credit Account	ND INFRASTR Carrier SEL Vehicle# K49 Container		Volume
Manual Ticket# Route AK	Driver ZEK Check#	E COBERLY	
Hauling Ticket# Destination PO# 108330WA	Billing# 000 Grid	0 313	
Time Scal In 11/04/2013 10:04:11 SCALE Out 11/04/2013 10:04:11 Comments KCPK - LM (REPLACES		Inbound Gr Tai Ne Toi	t 58260 lb

Prod	luct	LD%	Qty	NOM	Rate	Тах	Amount	Origin
î 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		29. 13 29. 13					KING KING



Original Ticket# 72012 Ph: 206 763 5025

Ticket Date 11/04/2013	<pre>Carrier SELF HAULER * Vehicle# M769</pre>	Volume
Payment Type Credit Account	Container	voreme
Manual Ticket# Route AK	Driver TOM DEHART	
Hauling Ticket#	Check# Billing# 0000313	
Destination PO# 108330WG	Grid	
T .		
T = 11/01/0010 10 10 00 10		Gross 104580 16*
Dub 11/04/08/5 48 88 78		Tare 40660 15* Net 63920 15
* Comments MAJESTIK - LM (REPLACES VOIDED	Manual Weight TICKET # 71509)	Tons 31.96

Pro:	duct 	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		31.96 31.96					KING



70 S Alaska Street Seattle, WA, 98134 Ph: 206 763 5025

Alaska Street

Volume ROGER KRUPP

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/04/2013 Payment Type Credit Account Manual Ticket# Route AΚ Hauling Ticket#

Driver

Check#

Vehicle# K3T

Container

Billing# 0000313

Destination Grid PO# 108330WA Time Scale Operator lmercer

In 11/04/2013 10:28:59 SCALE 1 Out 11/04/2013 10:28:59

lmercer Comments KRUPP - LM (REPLACES VOIDED TICKET # 71511)

* Manual Weight

Inbound Gross Tare Net Tons

Rate Tax Amount KING

Original

Ticket# 72013

Origin

KING

31.26

97020 15*

34500 lb*

62520 15

Product LD% Qty UOM 1 Daily Cover-PCS-Tons-Pet 100 31.26 Tons SONDOLA 16.77/TN-GONDOLA 100 31.26 Tons

> Total Tax Total Ticket

208MMiver's Signature



Ticket# 72014 Ph: 206 763 **50**25 Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER *

Original

Payme	nt Type (1 Ticket#	1/04/2013 Credit Accou	nt	141 TV 142 TT	Vehicle# Container Driver Check#	A4	PURSELL	Volume	
Hauli	ng Ticket# nation 108330				Billing# Grid	ØØØØ3:	13		
	Time 11/04/2013 11/04/2013	3 10:37:56 3 10:37:56	Scale SCALE 1	l m s l m s	perator ercer ercer Manual Wei	inht	Inbound	Gross Tare Net Tons	90860 lb* 37140 lb* 53720 lb 26.86
Comme	nts AC	PAVING - LM	(REPLACES					,	20.00
Produ	ct		LD*/	Qty	UOM	Rate	Tax	Amount	Origin
		er-PCS-Tons- 5.77/TN-GOND		26.86 26.86					KING KING



Ticket Date

11/04/2013

Daily Cover-PCS-Tons-Pet

GONDOLA 16.77/TN-GONDOLA

Alaska Street 70 S Alaska Street Seattle, WA, 98134 Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER *

Ph: 206 763 5025

Original

Volume

Amount

Origin

KING

KING

Ticket# 72015

- .	,	_		1.022	AGIGME	
	ent Type Credit Acco	unt	Container	•		
Manu	al Ticket#		Driver	GORDY GROEN		
Rout	e AK		Check#			
Haul	ing Ticket#		Billing#	0000313		
Dest	ination		Grid			
P0#	108330WA 🔠					
	Time	Scale	Operator	Inbound	Gross	102800 lb*
In	11/04/2013 13:17:18	SCALE 1	lmercer		Tare	38560 15*
Out	11/04/2013 13:17:18		lmercer		Net	6424Ø 15
			* Manual Wei	oht	Tons	32.12
ெற்ற	ents KCPK - IM (RF)	PLACES VOIDE	D TICKET # 71539		19113	Wind I la

MOU

Tons

Rate

Tax

Vehicle# K39

		· ·

LD%

100

100

Qty

32.12

32.12 Tons

Total Tax Total Ticket

208Wmiver's Signature



Ticket# 72016 Ph: 206 763 5025

Amount

Origin

KING

Original

Oustomer Name IO ENVIRONMENTAL AND INFRA Ticket Date: 11/04/2013	STR Carrier Vehicle#		Volume	
'ayment Type Credit Account	Container			
lanual Ticket#	Driver	MIKE NICHOLS		
loute AK	Check#			
Hauling Ticket#	Billing#	0000313		
estination	Grid			
O# 108330WA				
Time Scale	Operator	Inbound	Gross	103220 lb*
n 11/04/2013 13:21:02 SCALE 1	lmercer		Tare	41320 16*
ut 11/04/2013 13:21:02	lmercer		Net	61900 lb
	* Manual Wei	ght	Tons	30 .9 5
Comments KCPK - LM (REPLACES VOIDED T	ICKET # 71540)		

UOM

Rate

1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA	30.95 30.95	· · ·		

Qty

LD%

Total Tax Total Ticket

Tax



Ticket Date 11/04/2013

Payment Type Credit Account

Daily Cover-PCS-Tons-Pet 100

GONDOLA 16.77/TN-GONDOLA 100

Alaska Street 70 S Alaska Street Seattle, WA, 98134

Ph: 206 763 5025 Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER *

Original

Volume

Ticket# 72017

Origin

KING

KING

Manual Ticket# Route AK Hauling Ticket#	Driver KELLEN RENFRO Check# Billing# 0000313	
Destination PO# 108330WA	Grid	
Time Scale In 11/04/2013 13:32:08 SCALE 1 Out 11/04/2013 13:32:08	Operator Inbound imercer imercer * Manual Weight	Sross 96100 lb Tare 41960 lb Net 54140 l Tons 27.0
Comments KCPK - LM (REPLACES VOIDED		Tons 27.0

Qty

27.07 Tons

27.07 Tons

UOM

Rate

LD%

Vehicle# K9

Container

Total	Tax	

Total Ticket

Tax Amount



Ticket# 72018 Ph: 206 763 5025

Original

Customer Name IO ENVIRONM Ticket Date 11/04/2013	ENTAL AND				
			M769	Volume	
Payment Type Credit Accor	ınt	Container			
Manual Ticket#		Driver	TOM DEHART		
Route AK		Check#			
Hauling Ticket#			000031 ³ 3		
Destination		_	515.660 7 7 D		
,		Grid			
202001111					
Time	Scale	Operator	Inbound	Gross	102220 15*
In 11/04/2013 13:39:45	SCALE 1	lmercer		Tare	40660 1b*
Out 11/04/2013 13:39:45		lmercer		Net	61560 lb
			٠. ا		
Comments MAJESTIK - ! M	/BED: 00E0	* Manual Weig		Tons	30.78
COMMERCE MANCOLTY - FM	(KEPLHUES	3 VOIDED TICKET # 71	545)		

Pro(duct 	LD%	Qtγ	NOM	Rate	Tax	Amount	Origin
i 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA	100 100	30.78 30.78					KING KING



Time

P0#

Alaska Street 70 S Alaska Street Seattle, WA, 98134

Ticket# 72019 Ph: 206 763 5025 TR Carrier SELF HAULER *

Customer Name IC	ENVIRONMENTAL	AND	INFRAST
Ticket Date 11	/04/2013		
Payment Type Cr	edit Account		
Manual Ticket#			
Route AK			
Hauling Ticket#			
Destination			

108330WA In 11/04/2013 13:59:01 SCALE 1

Scale Out 11/04/2013 13:59:01

Comments KRUPP - LM (REPLACES VOIDED TICKET # 71548)

Container

Driver ROGER KRUPP Check# Billing# 0000313 Grid

* Manual Weight

lmercer

lmercer

Vehicle# K3T

Operator

Inbound Gross

Tare 34500 lb* Net Tons

Amount

Original

Volume

Origin KING KING

85140 15*

50640 15

25.32 ~

Product. LD% Ωty UOM Rate Tax Daily Cover-PCS-Tons-Pet 100 25.32 Tons GONDOLA 16.77/TN-GONDOLA 100 25,32 Tons

> Total Tax Total Ticket

2080/Myer's Signature



Micket Date 11/04/2013

Alaska Street 70 S Alaska Street Seattle, WA, 98134

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER *

Original Ticket# 72020 Ph: 206 763 5025

Volume

F	ayment Type Credit Account			Container			1 2 2 3 m C	
	Manual Ticket#			Driver		PURSELL		
F	Route AK			Check#				
Н	lauling Ticket#			Billing#	000031	.3		
D)estination			Grid				
Þ	0# 108330WA							
_	Time Sca	ale	Ob	perator		Inbound	Gross	92900 lb*
	n 11/04/2013 14:16:42 SCAL	_E 1	lme	rcer			Tare	37140 1b*
ū)ut 11/04/2013 14:16:42		1 m e	rcer			Net	55760 16
_	_			lanual Wei			Tons	27.88
0	3omments — AC PAVING − LM (REF	PLACES	VOIDED	TICKET #	71551)			
_								
_ 5)roduct 	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1	,	100	27.88	Tons				KING
2	GONDOLA 16.77/TN-GONDOLA	100	27.88	Tons				KING

Vehicle# A4



Original Ticket# 72021 Ph: 2**0**6 763 5025

Customer Name IO ENVIRONME Ticket Date 11/05/2013		R Carrier SE Vehicle# K4		Volume	
Payment Type. Credit Acco: Manual Ticket#	int	Container			
Route AK		Driver ZE Check#	KE COBERLY		
Hauling Ticket#			00313		
Destination		Grid			
PO# 1.08330WA					
Time In 11/05/2013 09:28:31 Out 11/05/2013 09:28:31	SCALE 1 1	Operator mercer mercer	Inbound	Gross Tare Net	108700 lb* 37600 lb* 71100 lb
Comments KCPK - LM (REP	* PLACES VOIDED TIC	Manual Weight KET # 71590)		Tons	35.55

Pro	duct	LD%	Qty	NOM	Rate	Tax	Amount	Origi
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		35. 55 35. 55				·	KING KING



Ticket Date

Destination

Comments

Route

#09

Manual Ticket#

Haulino Ticket#

Time

AK

108330WA

70 S Alaska Street Seattle, WA, 98134

Alaska Street

Ticket# 72025 Ph: 206 763 5025

Original

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * 11/05/2013 Vehicle# M769 Volume Payment Type Credit Account Container Driver TOM DEHART Check# Billing# 0000313 Grid Scale Operator Inbound Gross 101360 1b* In 11/05/2013 09:42:24 SCALE 1 Imercer Tare 40660 15* Out 11/05/2013 09:42:24 lmercer Net 60700 lb * Manual Weight Tons 30.35 MAJESTIK - LM (REPLACES VOIDED TICKET # 71592)

Pro:	duct	LD%	Oty	MOU	Rate	кат	Amount	Origin
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		30.35 30.35		ST. 8-8 LT. 458 LT. 458 LT. 459, 459 SEC. 458			KING

Total Tax Total Ticket

Driver's Signature 203WM



70 S Alaska Street Seattle, WA, 98134

Alaska Street

Comments KCPK - LM (REPLACES VOIDED TICKET # 71595)

1 Daily Cover-PCS-Tons-Pet 100 34.28 Tons

Ph: 206 763 5025

Tons

Amount

Original

Ticket# 72026

34,28

Origin

KING

KING

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/05/2013 Vehicle# K39 Volume Payment Type Credit Account Container Manual Ticket# Driver GORDY GROEN Route AK Check# Hauling Ticket# Billing# 0000313 Destination Grid PO# 108330WA Time Scale Operator Inbound Gross 107120 lb* In 11/05/2013 10:06:26 SCALE 1 lmercer Tare 38560 1b* Out 11/05/2013 10:06:26 lmercer Net: 68560 lb

* Manual Weight

HOM

Rate

2 GONDOLA 16.77/TN-GONDOLA 100 34.28 Tons

Qtv

LD%

Total Tax Total Ticket

Tax



Alaska Street 70 S Alaska Street Souttle WO 99174

Original

Ticket# 72027

ه كا البيا "التنظيما الساء	pearcie, MH, ppica	Ph: 206 /63	5 5025
WASTE MANAGEMENT			
Customer Name IO ENV:	RONMENTAL AND INFRASTR	Carrier SELF HAULER *	
Ticket Date 11/05/8	-	Vehicle# K3T	Volume
Payment Type Credit	Account	Container	
Manual Ticket#		Driver ROGER KRUPP	
Route AK		Check#	~
Hauling Ticket#		Billing# 0000313	
Destination		Grid	
PO# 108330WA			
Time	Scale Op	perator Inbound	Gross 99420 lb*
In= 11/05/2013 10:13	3:53 SCALE 1 lm/	ercer	Tare 34500 1b*
Out 11/05/2013 10:13	0:53 1me	rcer	Net 64920 1b
	į *	Manual Weight	Tons 32.46
Comments KRUPP - E		(ET # 71597)	

	i .							
Prod	duct 	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16,77/TN-GONDOLA	100 100	32.46 32.46					KING KING

Total Tax Total Ticket

Driver's Signature



Product

Daily Cover-PCS-Tons-Pet 100

Alaska Street 70 S Alaska Street Seattle, WA, 98134

Ph: 206 763 5025

Tax

Original

Ticket# 72028

Origin

KING KING

Customer Name IO ENVIRONMENTAL AND INFRA Ticket Date 11/05/2013 Payment Type Credit Account	STR Carrier SELF HAULER * Vehicle# R10 Container	Volume
Manual Ticket# Route AK	Driver JOE BAUMAN Check#	
Hauling Ticket# Destination PO# 108330WA	Billing# 0000313 Grid	
Time Scale In 11/05/2013 10:26:10 SCALE 1 Out 11/05/2013 10:26:10 Comments RHINO - LM (REPLACES VOIDED	Operator Inbound Imercer Imercer * Manual Weight TICKET # 71600)	Gross 114580 lb* Tare 38800 lb* Net 75780 lb Tons 37.89
	1101/01 # (1000)	

Rate

MOU

2	GONDÓLA 16.77/TN-GONDOLA	100	37.89	Tons
	*			

Qty

37.89 Tons

LD%

Total Tax Total Ticket

Amount

Driver's Signature 203WM



203WM

70 S Alaska Street Seattle, WA, 98134

100

Alaska Street

Ph: 206 763 5025

Original

Ticket# 72029

KING

Cust	omer Name IO ENVIRONM	ENTAL AND INF	RASTR Carrier	SELF HAULER *		
	et Date 11/05/2013		Vehicle#	K109	Volume	
.Paym	ent Type Credit Acco	unt	Container			
Manu	al Ticket#		Driver	MIKE NICHOLS		
Rout	e AK		Check#			4
Haul	ing Ticket#		Billing#	0000313		
Dest	ination		Grid			
PO#	108330WA					
	Time	Scale	Operator	Inbound	Gross	103920 lb*
Ιn	11/05/2013 10:32:17	SCALE 1	lmercer		Tare	41320 15*
Out	11/05/2013 10:32:17		lmercer		Net	68600 15
			* Manual Wei	ght	Tons	34.30
Comm	ents KCPK - LM (REI	PLACES VOIDED	TICKET # 71602	5		

In Out			Scale SCALE 1	lme lme	erator rcer rcer lanual W	eight.	Inbound	Gross Tare Net Tons	109920 lb* 41320 lb* 68600 lb 34.30
Comm	nents	s KCPK - LM (REPLACES VOIDED		ED TICKE) TICKET # 71602)				
Proc	iuct		LD%	Qty	MOU	Rate	Tax	Amount	Origin
i	Dailv	Cover-PCS-Tons-Pe	t 100	34.30	Tons			···	KING

34.30 Tons

Total Tax Total Ticket

Driver's Signature

GONDOLA 16.77/TN-GONDOLA



70 S Alaska Street

Alaska Street

Ticket# 72031 Ph: 206 763 5025

Seattle, WA, 98134 WASTE MANAGEMENT Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/05/2013 Payment Type Credit Account Manual Ticket# Route AK Hauling Ticket#

Vahicle# A4 Container Driver DAVID PURSELL Check#

Destination

Time

108330WA

PO#

Product

203WM

Billing# 0000313 Grid

Operator

Inbound

Tare

Net

Tons

Gross

Original

Volume

100560 15* 37140 15*

> Origin KING KING

63420 15

31.71

Total Tax Total Ticket

Rate Tax Amount

Scale In 11/05/2013 10:42:20 SCALE 1 Out 11/05/2013 10:42:20 Comments AC PAVING - LM (REPLACES VOIDED TICKET # 71604)

Daily Cover-PCS-Tons-Pet 100 31.71 Tons

GONDOLA 16.77/TN-GONDOLA 100

LD/Qty

31.71 Tons

lmercer

lmercer

MOU

* Manual Weight

Driver's Signature



Alaska Street 70 S Alaska Street Seattle, WA, 98134

Ticket# 72033 Ph: 206 763 5025

Original

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/05/2013 Vehicle# K49 Volume Payment Type Credit Account Container Manual Ticket# Driver ZEKE COBERLY Route AΚ Check# Hauling Ticket# Billing# 0000313 Destination Grid #04 10833000 Time Scale Operator Inbound 107020 15* Gross 11/05/2013 12:37:01 Iπ SCALE 1 lmercer Tare 37600 15* Out 11/05/2013 12:37:01 lmercer Net 69420 1b * Manual Weight Tons 34.71 Comments KCPK - LM (REPLACES VOIDED TICKET # 71823)

Prod	lact	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		34.71 34.71					KING

Total Tax Total Ticket



Manual Ticket#

Hauling Ticket#

Time

АK

Route

PO#

Product

Destination

Ticket Date 11/05/2013

108330WA

In 11/05/2013 12:40:38 SCALE 1

70 S Alaska Street Seattle, WA. 98134

Alaska Street

Scale

LD%

Ph: 206 763 5025 Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Vehicle# M769

Volume Driver TOM DEHART

Original

Ticket# 72035

Payment Type Credit Account

Container

lmercer

lmercer

Qtv

Check# Billing# 0000313 Grid

* Manual Weight

UOM

Operator

Rate

Inbound Gross Tare Net

Tax

Origin KING KING

102300 15*

40660 15*

61640 lb

30.82

Daily Cover-PCS-Tons-Pet 100 30.82 Tons

GONDOLA 16.77/TN-GONDOLA 100 30.82 Tons

Total Tax Total Ticket

Tons

Amount



Alaska Street 70 S Alaska Street Seattle, WA, 98134

Ph: 206 763 5025

Original

Ticket# 72036

KING KING

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/05/2013 Vehicle# K39 Volume Payment Type Credit Account Container Manual Ticket# Driver GORDY GROEN Route AK Check# Hauling Ticket# Billing# 0000313 Destination Grid **PO# 108330WA **Time Scale Operator Inbound Gross 108380 lb In 11/05/2013 12:54:29 SCALE 1 lmercer Tare 38560 lb Out 11/05/2013 12:54:29 lmercer Net 69820 l **Manual Weight Tons 34.9 Comments KCPK - LM (REPLACES VOIDED TICKET # 71626)	AND I E INIMINAGENIEM I					
Payment Type Credit Account Container Manual Ticket# Driver GORDY GROEN Route AK Check# Hauling Ticket# Billing# 0000313 Destination _ Srid Scale PO# 108330WA Time Scale In 11/05/2013 12:54:29 Operator Inbound Gross 108380 lb In 11/05/2013 12:54:29 Imercer Tare 38560 lb Out 11/05/2013 12:54:29 lmercer Net 69820 l * Manual Weight Tons 34.9	Customer Name IO ENVIRONMEN	NTAL AND INFR	ASTR Carrier	SELF HAULER *		
Payment Type Credit Account Container Manual Ticket# Driver GORDY GROEN Route AK Check# Hauling Ticket# Billing# 0000313 Destination Grid *PO# 108330WA Grid Time Scale In 11/05/2013 12:54:29 Operator In 11/05/2013 12:54:29 Imercer Out 11/05/2013 12:54:29 Imercer * Manual Weight Tons 34.9	Ticket Date		Vehicle#	K39	Volume	•
Manual Ticket# Driver GORDY GROEN Route AK Check# Hauling Ticket# Billing# 0000313 Destination _ Grid PO# 108330WQ Time Scale Operator Inbound Gross 108380 lb In 11/05/2013 12:54:29 SCALE 1 Imercer Tare 38560 lb Out 11/05/2013 12:54:29 lmercer Net 69820 l * Manual Weight Tons 34.9	Payment Type Credit Accous	nt		•		
Route AK Check# Hauling Ticket# Billing# 0000313 Destination _ Grid PO# 108330WA Scale Operator Inbound Gross 108380 lb In 11/05/2013 12:54:29 SCALE 1 lmercer Tare 38560 lb Out 11/05/2013 12:54:29 lmercer Net 69820 l * Manual Weight Tons 34.9	Manual Ticket#			· ·		
Hauling Ticket# Billing# 0000313 Destination _ Grid Grid PO# 108330WA Time Scale Operator Inbound Gross 108380 lb In 11/05/2013 12:54:29 SCALE 1 Imercer Tare 38560 lb Tout 11/05/2013 12:54:29 lmercer Net 69820 lmercer Out 11/05/2013 12:54:29	Route AK	· · · · · · · · · · · · · · · · · · ·	Check#			
Destination Grid PO# 108330WA Time Scale Operator Inbound Gross 108380 lb In 11/05/2013 12:54:29 SCALE 1 lmercer Tare 38560 lb Out 11/05/2013 12:54:29 lmercer Net 69820 l # Manual Weight Tons 34.9	Hauling Ticket#			0000313		
190# 108330WA Time Scale Operator Inbound Gross 108380 lb In 11/05/2013 12:54:29 SCALE 1 lmercer Tare 38560 lb Out 11/05/2013 12:54:29 lmercer Net 69820 l # Manual Weight Tons 34.9	Destination _					4
In 11/05/2013 12:54:29 SCALE 1 1mercer Tare 38560 lb Out 11/05/2013 12:54:29 lmercer Net 69820 l * Manual Weight Tons 34.9	108330WA			*		
In 11/05/2013 12:54:29 SCALE 1 Imercer Tare 38560 lb Out 11/05/2013 12:54:29 Imercer Net 69820 l * Manual Weight Tons 34.9	Time	Scale	Operator	Inbound	Gross	108380 15*
Out 11/05/2013 12:54:29	In 11/05/2013 12:54:29	SCALE 1	•			
* Manual Weight Tons 34.9	Out 11/05/2013 12:54:29					
	- 		* Manual Wei	aht		
	Comments KCPK - LM (REP	LACES VOIDED :				21821
				•		
			•			
and the control of th	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				*	
Product LD% Qty UOM Rate Tax Amount Origin	Product	LD% Q	tv UOM	Rate Tax	Qmount	Origin

1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA	34.91 34.91		

Total Tax Total Ticket



70 S Alaska Street Seattle, WA. 98134

Alaska Street

Ph: 206 763 5025

Original

Ticket# 72037

WASTE MANAGEMENT Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 41/05/2013 Vehicle# K3T Volume Payment Type Credit Account Container Manual Ticket# Driver ROGER KRUPP Route AK Check# Hauling Ticket# Billing# 0000313 Destination Grid P0# 108330WA Time Scale Operator Inbound Gross 101040 15* In / 11/05/2013 13:03:01 SCALE 1 lmercer Tare 34500 lb* Out 11/05/2013 13:03:01 lmercer Net 66540 15 * Manual Weight Tons 33,27 Comments KRUPP - LM (REPLACES VOIDED TICKET # 71628)

pro	duct	LD%	Qty	MOU	Rate	Тах	Amount	Origin
2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA	100 100	33.27 33.27	Tons Tons				KING KING

Total Tax Total Ticket



Route

PO#

Product

Destination

Manual Ticket#

Hauling Ticket#

Time

Driver's Signature

АΚ

108330WA

Out /11/05/2013 13:15:10

11/05/2013 13:15:10

70 S Alaska Street Seattle, WA, 98134

Alaska Street

Scale

LD%

SCALE 1

Comments RHINO - LM (REPLACES VOIDED TICKET # 71630)

Daily Cover-PCS-Tons-Pet 100 29.72 Tons

GONDOLA 16.77/TN-GONDOLA 100

Ph: 206 763 5025 Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER *

11/05/2013 Payment Type Credit Account

Driver

Oty

29.72 Tons

Vehicle# RiØ Container

Billing# 0000313

Check#

Grid

Operator

* Manual Weight

NOM

1mercer

lmercer

Rate

JOE BAUMAN

Inbound

Tax

Total Tax Total Ticket

Original

Volume

Gross

Tare

Net

Tons

Amount

Ticket# 72038

98240 1b*

38800 16*

59440 16

Origin

KING

KING

29, 72



Alaska Street 70 S Alaska Street Seattle, WA. 98134

Ph: 206 763 5025

Original

Ticket# 72040

Origin

KING

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/05/2013 Vehicle# K109 Volume Payment Type Credit Account Container Manual Ticket# Driver MIKE NICHOLS Route AΚ Check# Hauling Ticket# Billing# 0000313 Destination Grid P0# 108330WA Time Scale Operator Inbound Gross 98700 16* 11/05/2013 13:31:25 SCALE 1 lmercer Tare 41320 15* Out 11/05/2013 13:31:25 1mercer Net 57380 16 * Manual Waight Tons 28.69 Comments KCPK - LM (REPLACES VOIDED TICKET # 71635)

		LD%	Uty 	MUU	Rate	Tax	Amount	
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		28.69 28.69					

Total Tax Total Ticket

Dwaduat



Product

Driver's Signature

70 S Alaska Street Seattle, WA, 98134

Alaska Street

Volume

Ph: 206 763 5025

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/05/2013 Payment Type Credit Account Manual Ticket# Route AΚ Hauling Ticket# Destination PO# 108330WA Time Scale

Driver DAVID PURSELL Check# Billing# 0000313 Grid Operator

MOU

Imercer

Rate

Inbound

Tax

Gross Tare Net Tons

39000 15* 37140 15*

61860 15

Origin

KING

KING

30.93

Original

Ticket# 72041

Amount

Total Tax Total Ticket

Comments AC PAVING - LM (REPLACES VOIDED TICKET # 71645) (.D% Qty Daily Cover-PCS-Tons-Pet 100 30.93 Tons

60NDOLA 16.77/TN-GONDOLA 100 30.93 Tons

In 11/05/2013 14:04:32 SCALE 1 Out 11/05/2013 14:04:32 lmercer * Manual Weight

Container

Vehicle# A4



Alaska Street 70 S Alaska Street Seattle, WA, 98134

Ticket# 72042 Ph: 206 763 5025

Original

Costomer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/06/2013 Vehicle# K39 Volume Payment Type Credit Account Container Manual Ticket# Driver GORDY GROEN Route AK Check# Hauling Ticket# Billing# 0000313 Destination Grid P0# 108330WA Time Scale Operator Inbound Gross 103360 lb* In 11/06/2013 07:01:36 SCALE 1 lmercer Tare 38560 lb* Out 11/06/2013 07:01:36 lmercer Net 64800 15 * Manual Weight Tons

Comments KCPK - LM (REPLACES VOIDED TICKET # 71657)

Product

LD% Qty UOM Rate Tax Amount Origin

Daily Cover-PCS-Tons-Pet 100 32.40 Tons

CONDOLA 16.77/TN-GONDOLA 100 32.40 Tons

KING
KING

Total Tax Total Ticket

Driver's Signature 203WM



70 S Alaska Street

Alaska Street

Original

Ticket# 72044

	Seattle, WA, 98134	Ph: :	206 763 51	0 25	
WASTE MANAGEMENT					
Customer Name IO ENVIR	ONMENTAL AND INFRASTR	Carrier SELF HA	JLER *		
Ticket Date 11/06/20		Vehicle# K109		Volume	
Payment Type Credit A	ecount	Container			
Manual Ticket#		Driver MIKE NI	CHOLS		
Route AK		Check#			
Hauling Ticket#		Billing# 0000313			
Destination		Grid			
PO# 10832 0WA					
Time	Scale Op	perator I	nbound (Bross	110100 15*
In 11/06/2013 07:04:	45 SCALE 1 lms	ercer	•	Tare	41320 lb*
Out 11/06/2013 07:04:	45 - 1 տ ա	ercer		Vet	68780 15
	ń x	Manual Weight		rons	34.39
Comments KCPK - LM	(REPLACES VOIDED TICKE				7.077

Pro	duct	LD%	Qty	NOW	Rate	Tax	Amount	Origin
2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA	100 100	34.39 34.39	Tons Tons				KING

Total Tax Total Ticket



Manual Ticket#

Hauling Ticket#

Time

Destination

AK.

Route

P0#

70 S Alaska Street Seattle, WA. 98134

Alaska Streat

Ph: 206 763 5025 Customer Name ID ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * 11/08/2013 Vehicle# K3T Volume Payment Type Credit Account Container Driver ROGER KRUPP Check# Billing# 0000313 Grid 108330WA Scale Operator Inbound Gross 97040 15* In 11/06/2013 07:08:09 SCALE 1 lmercer Tare 34500 lb* Out 11/06/2013 07:08:09 1mercer Net 62540 15 * Manual Weight Tons 31,27

Comm	ents KRUPP - LM (REPLAC	ES VOII	DED TICK	ET # 71	559)		10115	31.Z/
	~						1	
Prod	uct	LD%	Qty	MOU	Rate	Tax	Amount	Origin
i 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		31.27 31.27	Tons Tons				<pre>KING KING</pre>

Total Tax Total Ticket

Original

Ticket# 72045



Destination

Route

PO#

Manual Ticket#

Hauling Ticket#

AK

108330WA

70 S Alaska Street Seattle, WA. 98134

Alaska Street

Ticket# 72046

Original

Ph: 206 763 5025 Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * 11/06/2013 Vehicle# M769 Volume Payment Type Credit Account Container Driver TOM DEHART Check# Billing# 0000313 Grid

In Out		/2013 07:42:03 /2013 07:42:03 MAJESTIK - LM	Scale SCALE 1	lms lms * p	erator ercer ercer Janual Wo		Inbound	Gross Tare Net Tons	104040 1b* 40660 1b* 63380 1b 31.69
COMI	aenes	PROCESTIN CA	(MEPCHCES	AOIDED 1	TUNC! #	/10 0 4/			
Proc	duct		LD%	Qty	MOU	Rate	Tax	Amount	Örigin
1	Daily	Cover-PCS-Tons-	Pet 100	31.69	Tons				KING

31.69 Tons

Total Tax Total Ticket

Driver's Signature

GONDOLA 16.77/TN-GONDOLA 100



70 S Alaska Street Seattle, WA. 98134

Alaska Street

Vehicle# K19SD Volume

Ph: 206 763 5025

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/06/2013 Payment Type Credit Account Route AK Hauling Ticket# 108330WA Time Scale

Check# Billino# 0000313 Grid

Container

MOU

Inbound

Driver JAKE COMPTON Operator

Ωtγ

lmercer

Rate

Tare

Net

Tons

Amount

Original

Ticket# 72047

Gross 110520 15* 42880 lb*

67640 lb

Origin

33.82

KING KING

Total Tax

Total Ticket

Tax

lmercer Comments KCPK - LM (REPLACES VOIDED TICKET # 71672)

LD%

* Manual Weight

In 11/06/2013 08:25:59 SCALE 1 Out 11/06/2013 08:25:59

Daily Cover-PCS-Tons-Pet 100 33.82 Tons

GONDOLA 16.77/TN-GONDOLA 100 33.82 Tons

Manual Ticket#

Destination P0#

Product



70 S Alaska Street

Alaska Street

Daily Cover-PCS-Tons-Pet 100 30.32 Tons

Original

Ticket# 72048

KING KING

	ھ لا اسا اللہ	Sea	attle, WA,	, 98134		Ph: 206 763	5025
WASTE	E MANAGEMENT						
Cus Tic	tomer Name I ket Date 1	O ENVIRONMS 1/06/2013	ENTAL AND	INFRASTR	Carrier Vehicle#	SELF HAULER *	Volume
Pay	ment Type Ci	redit Accou	ınt		Container		
	ual Ticket#				Driver	DAVID PURSELL	
	te AK				Check#		
	ling Ticket#				Billing#	0000313	
Des	tination				Grid		
P0#	108330	WA	-				
	Time		Scale	0	perator	Inbound	Gross
In	11/06/2013	08:42:38	SCALE 1		ercer		Tare
C	44 /00 / /004 = 5	00 40 00		_			

Time 97780 15* 055 In 11/06/2013 08:4 37140 lb* 9. Out 11/06/2013 08:42:38 lmercer Net 60640 15 * Manual Weight Tons 30.32 Comments AC PAVING - LM (REPLACES VOIDED TICKET # 71676) Product LD% Qty UOM Rate Tax Amount Origin

2	GONDOLA 16.77/TN-GONDOLA	100	30.32	Tons

Total Tax Total Ticket



Alaska Street 70 S Alaska Street Seattle, WA, 98134 Original Ticket# 72049 : 206 763 5025

Sea Sea	ttle, WA, 98134	Ph: 206 763	5025	1042
WASTE MANAGEMENT				
Customer Name IO ENVIRONME	NTAL AND INFRASTR Carrier	SELF HAULER *		
Ticket Date 11/06/2013	Vehiclet	‡ R2T	Volume	
Payment Type Credit Accou	nt Containe	- Y		
Manual Ticket#	Driver	DAVE GALLOWAY		
Route AK	Check#			
Hauling Ticket#	Billing	# 00 00 313		
Destination	Grid			
PO# 108330WA				
Time	Scale Operator	Inbound	Gross	103100 lb*
In 11/06/2013 08:49:50	SCALE 1 Imercer		Tare	38020 lb*
Out 11/06/2013 09:23:25	lmercer		Net	65080 lb
	* Manual We	eight	Tons	32.54
Comments O'RIELY'S - LM				

Prod:	uct	LD%	Qty	MOU	Rate	Тах	Amount	Origin
i 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		32.54 32.54				- Aller Men eng ang ang ang ata ang ang ang ang ang ang ang ang ang an	KING KING

Total Tax Total Ticket



Destination

Route

Manual Ticket#

Hauling Ticket#

ΑК

70 S Alaska Street Seattle, WA. 98134

Alaska Street

Daily Cover-PCS-Tons-Pet 100 29.52 Tons

GONDOLA 16.77/TN-GONDOLA 100

Ph: 206 763 5025

Original

Ticket# 72050

KING

KING

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * 11/06/2013 Vehicle# R10 Volume Payment Type Credit Account Container Driver JOE BAUMAN Check# Billing# 0000313 Grid

Commer										
	nts	RHINO	- LM (R	EPLACES	VOID		fanual We: (ET # 716)		Tons	29.52
		2013 09 2013 09		Scale SCALE	-	lm e	erator ercer ercer	 Inbound	Gross Tare Net	97840 1b* 38800 1b* 59040 1b

29.52 Tons

Total Tax Total Ticket



Manual Ticket#

Hauling Ticket#

Time

Driver's Signature

Destination

AΚ

Route

Product

203WM

PO#

Tipket Date 11/06/2013

108330WA

Dut 11/06/2013 09:48:19

In 11/06/2013 09:48:19 SCALE 1

Payment Type Credit Account

70 S Alaska Street Seattle, WA, 98134

Alaska Street

Scale

LD%

Comments KCPK - LM (REPLACES VOIDED TICKET # 7(691)

Daily Cover-PCS-Tons-Pet 100 - 31.67 Tons

GONDOLA 16.77/TN-GONDOLA 100 31.67 Tons

Ticket# 72051 Ph: 205 763 5025

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Vehicle# K39 Container Check#

Driver GORDY GROEN Billing# 0000313 Grid

Imercer

lmercer

Qty

* Manual Weight

MOU

Operator

Rate

Inbound

Total Tax Total Ticket

Gross

Tare

Net

Tons

Tax Amount

Volume

Original

101900 15*

38560 lb*

53340 lb

Origin

KING

KING

31.67



70 S Alaska Street Seattle, WA, 98134

LD%

Alaska Street

Ph: 206 763 5025

Original

Ticket# 72052

Customer Name Ticket Date	IO ENVIRONMEN 11/06/2013	YTAL AND I	NFRASTR Carrier Vehicle#		Volume	
Payment Type (nt	Container		1 2 4 - 1 11 E	
Manual Ticket#			Driver	MIKE NICHOLS		•
Route AK			Check#			
Hauling Ticket:	‡		Billing#	0000313		
Destination			Grid			
PO# 108330	3WA					
Time		Scale	Operator	Inbound	Gross	109640 lb*
In 11/06/2013	3 09:57:20	SCALE 1	lmercer		Tare	41320 15*
Out 11/06/201	3 09:57:20		lmercer		Net	68320 15
5 t un			* Manual Wei		Tons	34.16
Comments KC	PK – LM (REPL	LACES VOID	ED TICKET # 71693))		

MOU

Rate

1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA	34.16 34.16		KING KING

Qty

Total Tax Total Ticket

Amount

Origin

Тах

Product



Manual Ticket#

Hauling Ticket#

Route AK

70 S Alaska Street Seattle. WA. 98134

Alaska Street

Volume

Ph: 206 763 5025

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Vehicle# K3T Payment Type Credit Account Container

Driver Grid

lmercer

Check# Billing# 0000313 Operator lmercer

Inbound

ROGER KRUPP

Gross Tare Net Tons

Original

Ticket# 72053

95320 15* 34500 15* 60820 lb 30.41 Amount

Destination PO# 108330WA Time In 11/06/2013 10:00:07 SCALE 1 Out 11/06/2013 10:00:07

203WM

Comments KRUPP - LM (REPLACES VOIDED TICKET # 71694) Product

Ticket Date 11/06/2013

1 Daily Cover-PCS-Tons-Pet 100 30.41 Tons

GONDOLA 16.77/TN-GONDOLA 100 30.41 Tons

LD%

Scale

* Manual Weight

Oty

MOU

Rate Tax

Origin KING

KING

Total Tax Total Ticket Driver's Signature



70 S Alaska Street Seattle, WA, 98134

Alaska Street

Ticket# 72054

Original

Ph: 206 763 5025 **WASTE MANAGEMENT** Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/06/2013 Vehicle# M769 Volume Payment Type Credit Account Container Manual Ticket# Driver TOM DEHART Route АK Check# Hauling Ticket# Billing# 0000313 Destination Grid PO# 108330WA Time Scale Operator Inbound Gross 100700 lb* In 11/06/2013 10:39:45 SCALE 1 lmercer Tare 40660 lb* Out 11/06/2013 10:39:45 Imercer Net 60040 15 * Manual Weight Tons 30.02

Com	iments	MAJESTIK - LM (REP	PLACES	VOIDED	TICKET #	71703)		. 4112	00102
Pro	oduct		LD%	Qty	MON	Rate	Tax	Amount	Origin
1 2	-	Cover-PCS-Tons-Pet LA 16.77/TN-GONDOLA		_	Tons Tons				KING KING

Total Tax Total Ticket



70 S Alaska Street Seattle, WA, 98134

Alaska Street

Ph: 206 763 5025

Original

Ticket# 72055

WASTE MANAGEMENT Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/06/2013 Vehicle# K19SD Volume Payment Type Credit Account Container Manual Ticket# Driver JAKE COMPTON Route AΚ Check# Hauling Ticket# Billino# 0000313 Destination Grid PO#: 108330WA Time Scale Operator Inbound Gross 101120 15* In 11/06/2013 11:26:30 SCALE 1 lmercer Tare 42880 15* Out 11/06/2013 11:26:30 lmercer Net 58240 15 * Manual Weight Tons 29.12 Comments KCPK - LM (REPLACES VOIDED TICKET # 71719)

Pro	duct	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA	100 100	29.12 29.12					KING KING

Total Tax Total Ticket



Destination

Route

#09

Product.

203WM

Manual Ticket#

Hauling Ticket#

Time

Driver's Signature

АK

70 S Alaska Street Seattle, WA, 98134

11/06/2013

Daily Cover-PCS-Tons-Pet 100

GONDOLA 16.77/TN-GONDOLA

Payment Type Credit Account

108330WA

In 11/06/2013 11:50:00

Out 11/06/2013 11:50:00

Alaska Strest

Scale

SCALE 1

Comments AC PAVING - LM (REPLACES VOIDED TICKET # 71724)

LD%

100

Ph: 206 763 5025

Volume

Original

Ticket# 72056

27040 15*

37140 lb*

59900 lb

Origin

KING

KING

29.95

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Vehicls# A4 Container DAVID PURSELL

Driver Check#

Operator

* Manual Waight

MOU

lmercer

lmercer

Qtv

29.95 Tons

29.95 Tons

Grid

Billing# 0000313

Rate

Inbound

Tax

Total Tax Total Ticket

Grass

Tare

Net

Tons

Amount



Alaska Street 70 S Alaska Street

Seattle, WA, 981	34 Ph: 206 763	5025
WASTE MANAGEMENT		
Customer Name IO ENVIRONMENTAL AND INFR	ASTR Carrier SELF HAULER *	
Ticket Date	Vehicle# R10	Volume
Payment Type Credit Account	Container	v o s. sem c
Manual Ticket#	Driver JOE BAUMAN	
Route AK	Check#	
Hauling Ticket#	Billing# 0000313	
Destination	Grid	
PO# 108330WA		
Time Scale	Operator Inbound	Gross 104660 lb*
In 11/06/2013 12:14:59 SCALE 1	lmercer	Tare 38800 1b*
Out 11/06/2013 12:14:59	lmercer	Net 65860 lb
	* Manual Weight	Tons 32.93
Comments RHINO - LM (REPLACES VOIDED	_	

Prod	uet	LD%	Qty	UOM	Rate	Tax	Amount	Origin
	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA	100 100	32.93 32.93	Tons Tons				KING

Total Tax Total Ticket

Original

/Ticket# 72058



Alaska Street 70 S Alaska Street Seattle, WA, 98134 Original Ticket# 72059 : 206 763 5025

Se Se	attle, WA, 98	3134	Ph: 206 763	5025	
WASTE MANAGEMENT					
Customer Name IO ENVIRONM	MENTAL AND INF	FRASTR Carrier	SELF HAULER *		
Ticket Date 11/06/2013		Vehicle#	K39	Volume	
Payment Type Credit Acco	unt	Container		. =	
Manual Ticket#		Driver	GORDY GROEN		
Route AK		Check#			
Hauling Ticket#		Billina#	0000313		
Destination		Grid			
PO# 108330WA					
Time	Scale	Operator	Inbound	Gross	99840 1b*
In 11/06/2013 12:53:05	SCALE 1	lmercer		Tare	38560 1b*
Out 11/06/2013 12:53:05		lmercer		Net	61280 15
		* Manual Wei	aht	Tons	30.64
Comments KCPK - LM (RE	PLACES VOIDE) TICKET # 71738			00.0:

Pro:	duct	LD%	Qty	UOM .	Rate	Tax	Amount	Origin
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		30.64 30.64		· · · · · · · · · · · · · · · · · · ·			KING KING

Total Tax Total Ticket



Daily Cover-PCS-Tons-Pet 100

70 S Alaska Street Seattle, WA, 98134

Alaska Streat

Ph: 206 763 5025

Original

Ticket# 72060

KING

KING

WASTE MANAGEMENT					
Customer Name IO ENVIRONME	ENTAL AND INF	FRASTR Carrier	SELF HAULER *		
Ticket Date 11/06/2013		Vehicle#		Volume	
Payment Type Credit Accou	रंतर	Container			
Manual Ticket#		Driver	MIKE NICHOLS		
Route AK		Check#			
Hauling Ticket#		Billing#	0000313		
Destination		Grid			
PO# 108330WA					
Time	Scale	Operator	Inbound	Gross	109480 lb*
In 11/06/2013 13:02:27	SCALE 1	lmercer		Tare	41320 16*
Out 11/06/2013 13:02:27		lmercer		Net	68160 lb

41320 16* Out 11/06/2013 13:0 68160 15 * Manual Weight Tons 34.08 Comments KCPK - LM (REPLACES VOIDED TICKET # 71741) Product LD% Qty MOU Rate Tax Amount Origin

34.08 Tons

2	GONDOLA 16.77/TN-GONDOLA	100	34.08	Tons	

Total Tax Total Ticket



Route

50.4

Manual Ticket#

Payment Type Credit

AΚ Hauling Ticket# Destination

70 S Alaska Street

Alaska Street

Original

Ticket# 72061

KING

KING

∆。 Seatt:	le, WA, 98134	}	Ph: 206 763	5025	
IT					
IO ENVIRONMENTA	AL AND INFRAS	OTR Carrier	SELF HAULER *		
11/06/2013		Vehicle#	K3T	Volume	
Credit Account		Container	1 2 sair (* 0 1 0 m C	
#		Driver	ROGER KRUPP		
		Check#			
t#		Billing#	0000313		
		Grid			
30WA				•	
ç	Scale	Operator	Inbound	Gross	98040
13 13:08:13 80	CALE 1	lmercer		Tare	34500
13 13:08:13		lmercer		Net	63540
		* Manual Weig	ght	Tons	3:
DUDD 1N /OFFI	BOED HOTHER T	·			

Comments	KRUPP – LM (RI	EPLACES VOIDE	* Manual We D TICKET # 717		Tons	31.77
	e 6/2013 13:08:13 6/2013 13:08:13	Scale SCALE 1	Operator lmercer lmercer	Inbound	Gross Tare Net	98040 1b* 34500 1b* 63540 1b

31.77 Tons

2	GONDÓLA	16.77/TN-GONDOLA	100	Tons

Total Tax Total Ticket

Driver's Signature

Daily Cover-PCS-Tons-Pet 100



70 S Alaska Street Seattle, WA, 98134

Alaska Street

Ph: 206 763 5**0**25

Original

Ticket# 72062

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/06/2013 Vehicle# M769 Volume Payment-Type Credit Account Container Manual Ticket# Driver TOM DEHART Route AK Check# Hauling Ticket# Billing# 0000313 Destination Grid P0# 108330WA Time Scale Operator Inbound Gross 94720 16* In 11/06/2013 13:20:45 SCALE 1 lmercer Tare 40660 15* Out 11/06/2013 13:20:45 lmercer Net 54060 15 * Manual Weight Tons 27.03 Comments MAJESTIK - LM (REPLACES VOIDED TICKET # 71745)

	man a management and ther		AGIDED (ILUNE! #	71740)			
Pro	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		27.03 27.03	Tons Tons			·	KING KING

Total Tax Total Ticket

Driver's Signature

203WM



Route

PO#

Product

2

70 S Alaska Street Seattle, WA, 98134

Alaska Street

Ph: 206 763 5025

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/06/2013 Payment Type Credit Account Manual Ticket# AK Hauling Ticket# Destination 108330WA Time

1 Daily Cover-PCS-Tons-Pet 100 29.61 Tons

GONDOLA 16.77/TN-GONDOLA 100

Container Driver JAKE COMPTON Check# Billing# 0000313 Grid

Vehicle# K19SD

Inbound

Tax

Gross

Tare

Net

Tons

Amount

Volume

Original

Ticket# 72063

Origin KING

102100 15*

42880 15*

59220 15

29,61

KING

Total Tax Total Ticket

Scale Operator In 11/06/2013 14:07:19 SCALE 1

LD%

Comments KCPK - LM (REPLACES VOIDED TICKET # 71755)

Imercer lmercer

Qty UOM

29.61 Tons

* Manual Weight

Rate

Out 11/06/2013 14:07:19



Product

Driver's Signature

70 S Alaska Street Seattle, WA, 98134

Alaska Street

Volume

Ph: 206 763 5025

Original

Ticket# 72064

94580 15*

37140 lb*

57440 lb

Origin

KING

28.72

Driver DAVID PURSELL

Grid

LD%

Manual Ticket#

Daily Cover-PCS-Tons-Pet 100 28.72 Tons

GONDOLA 16.77/TN-GONDOLA 100 28.72 Tons

Route AK Destination

108330WA Time

Scale

In 11/06/2013 14:45:41 SCALE 1 Out 11/06/2013 14:45:41 Comments AC PAVING - LM (REPLACES VOIDED TICKET # 71761)

Operator lmercer lmercer

Hauling Ticket# P0#

Payment Type Credit Account

Ticket Date 11/06/2013

Costomer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER *

Qtv

Vehicle# A4 Container

* Manual Weight

UOM

Check#

Billing# 0000313

Rate

Tax

Total Tax Total Ticket

Inbound Gross

Tare

Net

Tons

Amount



Alaska Street 70 S Alaska Street Seattle, WA, 98134

Original Ticket# 72**0**65

Ph: 206 763 5025

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/07/2013 Vehicle# M769 Volume Payment Type Credit Account Container Manual Ticket# Driver TOM DEHART Route AK Check# Hauling Ticket# Billing# 0000313 Destination Grid P0# 108330WA Time Scale Operator Inbound Gross 107100 lb* In 11/07/2013 08:20:57 SCALE 1 Imercer Tare 40660 15* Out 11/07/2013 08:20:57 lmercer Net 66440 lb * Manual Weight Tons 33.22 Comments MAJESTIK - LM (REPLACES VOIDED TICKET # 71775)

Pro	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		33.22 33.22					KING KING

Total Tax Total Ticket



Route AK

Destination

PO#

Manual Ticket#

Hauling Ticket#

Time

108330WA

Alaska Street 70 S Alaska Street Seattle, WA, 98134

Comments KCPK - LM (REPLACES VOIDED TICKET # 71779)

GONDOLA 16.77/TN-GONDOLA 100

Original Ticket# 72066 Ph: 206 763 5025 Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * 11/07/2013 Vehicle# K39 Volume Payment Type Credit Account Container Driver GORDY GROEN Check# Billing# 0000313 Grid Scale Operator Inbound Gross 102040 15* In 11/07/2013 08:46:38 SCALE 1 lmercer Tare 38560 lb* Out 11/07/2013 08:46:38 lmercer Net 63480 15

Product LD% Qty UOM Rate Tax Amount Origin Daily Cover-PCS-Tons-Pet 100 31.74 Tons KING

31.74 Tons

* Manual Weight

Total Tax Total Ticket

Tons

31.74

KING



Manual Ticket#

Hauling Ticket#

Time

108330WA

GONDOLA 16.77/TN-GONDOLA

Route AK

Destination

P0#

2

Alaska Street

Comments KCPK - LM (REPLACES VOIDED TICKET # 71781)

100

Original 70 S Alaska Street Ticket# 72067 Seattle, WA, 98134 Ph: 208 763 5025 Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * 11/07/2013 Vehicle# K19SD Volume Payment Type Credit Account Container Driver JAKE COMPTON Check# Billing# 0000313 Grid Scale Operator Inbound Gross 98220 15* In 11/07/2013 09:06:07 SCALE 1 lmercer Tare 42880 15* Out 11/07/2013 09:06:07 lmercer Met 55340 16 * Manual Weight Tons 27.67

							,	
Pr	oduct	LD%	Qty	UOM	Rate	Тах	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.67	Tons				KING

27.67 Tons

Total Tax Total Ticket KING



70 S Alaska Street Seattle, WA, 98134

Alaska Street

Ph: 206 763 5025

Original

Ticket# 72068

WASTE MANAGEMENT					
Customer Name IO ENV	IRONMENTAL AND INFI	RASTR Carrier	SELF HAULER *		
Ticket Date 11/07/	2013	Vehicle#	K109	Volume	
Payment Type Credit	Account	Container			
Manual Ticket#		Driver	MIKE NICHOLS		
Route AK		Check#			
Hauling Ticket#		Billing#	0000313		
Destination		Grid			
PO# 108330WA					
Time	Scale	Operator	Inbound	Gross	107360 11
In 11/07/2013 09:1	4:14 SCALE 1	lmercer		Tare	41320 1
Out 11/07/2013 09:1	4:14	lmercer		Net	66040
		v 54 3 1: '			000-70

	/2013 09:14:14 /2013 09:14:14 KCPK – LM (RE			Operator Imercer Imercer * Manual Weight TICKET # 71783)		Inbound	Gross Tare Net Tons	107360 16* 41320 16* 66040 16 33.02
Product		LD%	Qty	MOU	Rate	Tax	Amount	Origin

Out 11/07/2013 09:14:14					ercer Manual Wa	imb+		Net	66040 lb 33.02	
Coma	ments	KCPK - LM (REPLACE	S VOID					Tons	33. <u>V</u> E	
Proc	duct		LD%	Gty	MOU	Rate	Tax	Amount	Origin	
i		Cover-PCS-Tons-Pet	100	33.02	Tans				KING	
2	GONDO	LA 16.77/TN-GONDOLA	100	33.02	Tons				KING	

Total Tax

KING

Total Ticket

Driver's Signature 203WM



Alaska Street 70 S Alaska Street Seattle, WA, 98134

Ticket# 72069 Ph: 206 763 5025

Original

WASTE MÄÑAGEMENT	,,	- .		FILE COD /	, pa 0,650	
Customer Name IO ENVIRONME Ticket Date 11/07/2013 Payment Type Credit Accou Manual Ticket# Route AK Hauling Ticket# Destination PO# 108330WA		([[C		SELF HAULER R2T DAVE GALLOWA 0000313	Volume	
Time In 11/07/2013 09:26:16 Out 11/07/2013 09:26:15 Comments O'RIELLY'S - L		lmer lmer * Ma	cer Dual Waid	Inboun ght 71785)	d Gross Tare Net Tons	98320 15* 38020 15* 60300 15 30.15
#* *						
Product 	LD%	Qty	UOM -	Rate Tax	Amount	Origin
1 Daily Cover-PCS-Tons- 2 GONDOLA 16.77/TN-GOND	Pet 100 DLA 100		Tons Tons			KING KING

Total Tax Total Ticket



Manual Ticket#

Hauling Ticket#

Time

Destination

AΚ

Route

Product

203WM

P0#

70 S Alaska Street Seattle, WA. 98134 Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER *

Alaska Street

Volume

Ph: 206 763 5025

Ticket Date 11/07/2013 Vehicle# A4 Payment Type Credit Account Container

Driver DAVID PURSELL Check# Grid

Qtv

28.01 Tons

Billing# 0000313

Inbound

Tax

Gross Tare Net Tons

Amount

Original

Ticket# 72070

93160 15* 37140 15* 56020 15 ... 28.01 Origin

KING

Out 11/07/2013 09:57:05 Comments AC PAVING - LM (REPLACES VOIDED TICKET # 71792)

108330WA

Scale Operator In 11/07/2013 09:57:05 SCALE 1 lmercer

LD%

1 Daily Cover-PCS-Tons-Pet 100 28.01 Tons

GONDOLA 16.77/TN-GONDOLA 100

lmercer * Manual Waight

UOM

Rate

Total Tax Total Ticket



70 S Alaska Street Seattle, WA, 98134

Alaska Street

Ph: 206 763 5025

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/07/2013 Vehicle# K3T Payment Type Credit Account Container Manual Ticket# Driver ROGER KRUPP Route АK Check# Hauling Ticket# Billing# 0000313 Destination Grid P0#

108330WA Time Scale In 11/07/2013 10:08:47 SCALE 1 Out 11/07/2013 10:08:47

GONDOLA 16.77/TN-GONDOLA 100

Operator lmercer

* Manual Weicht

Inbound

Tax

Gross Tare Net Tons

106220 lb* 34500 15*

lmercer Comments KRUPP - LM (REPLACES VOIDED TICKET # 71794)

LD%

Daily Cover-PCS-Tons-Pet 100 35.86 Tons

Qty MOU

35.86 Tons

Rate

Amount

Original

Volume

Ticket# 72071

71720 lb 35.86

Origin

KING

KING

Total Tax Total Ticket

Driver's Signature

Product



Product.

Driver's Signature

Alaska Street 70 S Alaska Street Seattle, WA, 98134

Ph: 206 763 5025

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/07/2013 Payment Type Credit Account Manual Ticket# Route AK Hauling Ticket# Destination PO# 108330WA Time Scale In . 11/07/2013 11:07:02 SCALE 1

Out 11/07/2013 11:07:02

Comments - MAJESTIK - LM (REPLACES VOIDED TICKET # 71803)

Daily Cover-PCS-Tons-Pat 100 29.96 Tons

GONDOLA 16.77/TN-GONDOLA 100 29.96 Tons.

LD%

Driver Check#

Vehicle# M769 Container

Grid

lmercer

lmercer

Qty

Operator

* Manual Weight

MOU

Rate

TOM DEHART

Billing# 0000313

Inbound Gross

Tax

Total Tax Total Ticket

Tare

Net

Tons

Amount

Volume

Original

Ticket# 72072

100580 lb*

40660 lb*

59920 15

Origin

KING

KING

29.96



GONDOLA 16.77/TN-GONDOLA 100

70 S Alaska Street Seattle, WA. 98134

Alaska Street

Ph: 206 763 5025

Original

Volume

Ticket# 72073

104780 15*

KING

38560 15*

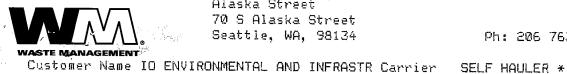
WASTE MANAGEMEN						
Customer Name	IO ENVIRONME	ENTAL AND	INFRASTR	Carrier	SELF HAULER *	•
Ticket Date				Vehicle#		Volu
Payment Type	Credit Accou	ınt		Container		
Manual Ticket#	Ė			Driver	GORDY GROEN	
Route AK				Check#		
Hauling Ticket	:#			Billino#	0000313	
Destination				Grid		
PO# 10833	BOWA -					
Time		Scale	O	perator	Inbound	Gross
In 11/07/201	.3 11:59:53	SCALE 1		ercer	21120 5.110	Tare
Out 11/07/201	.3 11:59:53			ercer		No+

Out 11/0//5013 11:03:03			lmercer * Manual Weight				Net T	66220 lb	
Comments	KCPK - LM (REPLACE	S VOID					Tons	33.11	
Product		LD%	Oty	MOU	Rate	Tax	Amount	Origin	
1 Dai:	ly Cover-PCS-Tons-Pet	100	33.11	Tons	~			KING	

33.11 Tons

Total Tax Total Ticket

Driver's Signature



Ticket Date

Destination

Route

Product

#09

Manual Ticket#

Hauling Ticket#

Time

ver's Signature

ЯΚ

70 S Alaska Street Seattle, WA. 98134

11/07/2013

2 GONDOLA 16.77/TN-GONDOLA 100

Payment Type Credit Account

108330WA

In 11/07/2013 12:28:02

Out\ 11/07/2013 12:28:02

Alaska Street

Scale

LD%

SCALE 1

Comments KCPK - LM (REPLACES VOIDED TICKET # 71815)

Daily Cover-PCS-Tons-Pet 100 32.40 Tons

Container

Driver

Check#

Operator

* Manual Weight

UOM

Grid

lmercer

lmercer

Qty

32.40 Tons

Billing# 0000313

Volume

Gross

Tare

Net

Tons

Amount

Original

Ticket# 72074

107680 1b*

42880 15*

64800 lb

Origin

KING

KING

32.40

Vehicle# K19SD

Ph: 206 763 5025

Inbound

Rate Tax

Total Tax Total Ticket

JAKE COMPTON



Alaska Street 70 S Alaska Street

Original

Ticket# 72075

Seattle, WA, 98134	Ph: 206 763 5025	
WASTE MANAGEMENT		
Customer Name IO ENVIRONMENTAL AND INFRASTR	Carrier SELF HAULER *	
Ticket Date - 1/1/07/2013	Vehicle# K1Ø9 Volume	
Payment Type Credit Account	Container	
Manual Ticket#	Driver MIKE NICHOLS	
Route AK	Check#	
Hauling Ticket#	Billing# 0000313	
Destination	Grid	
PO# 108330WA		
Time Scale O	perator Inbound Gross 106600	15*
In 11/07/2013 12:31:29 SCALE 1 1m	ercer Tare 41320	lb*
Out 11/07/2013 12:31:29	ercer Net 65280	
*		2.64
	ET # 71816)	'

Pro	duct	LD%	Qty .	MOM	Rate	Так	Amount	Origin
i 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA	100 100	32.64 32.64	Tons Tons				KING KING

Total Tax Total Ticket

Driver's Signature



70 S Alaska Street

Alaska Street

Ph: 206 763 5025 Carrier SELF HAULER *

		peartie,	w∺,	38134
NASTE MANAGEMENT	ŗ.,			
Customer Name	IO ENVI	RONMENTAL	AND	INFRASTR
Ticket Date	11/07/20	0 13		
Payment Type	Credit (Account		
Manual Ticket	‡			
Route AK				
		, wi		

Container Driver Check#

Vehicle# A4

DAVID PURSELL

Route AK Hauling Ticket# Destination 받아# 108330WA

lmercer

Ωtγ

Inbound

Billing# 0000313 Grid Operator

Gross Tare

91280 15* 37140 15* Net 54140 15 Tons

Time

Scale In 11/07/2013 13:19:10 SCALE 1 Out 11/07/2013 13:19:10 Comments AC PAVING - LM (REPLACES VOIDED TICKET # 71824)

LD%

* Manual Weight

UOM

Rate Tax

Original

Volume

Ticket# 72076

27,07

Origin

KING

KING

Product Daily Cover-PCS-Tons-Pet 100 27.07 Tons GONDOLA 16.77/TN-GONDOLA 100

lmercer

27.07 Tons

Total Tax Total Ticket

Amount

Driver's Signature



Ticket# 72**0**77 Ph: 206 763 5**0**25

Original

WASTE MANAGEMENT Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * 11/07/2013 Ticket Date Vehicle# KBT Volume Payment Type Credit Account Container Manual Ticket# Driver ROGER KRUPP Route AK Check# Hauling Ticket# Billing# 0000313 Destination Grid P0# 108330WA Time Scale Operator Inbound Gross 99080 15* 11/07/2013 13:25:56 SCALE 1 lmercer Tare 34500 lb* 11/07/2013 13:25:56 Out lmercer Net 64580 15 * Manual Weight Tons 32, 29 Comments KRUPP - LM (REPLACES VOIDED TICKET # 71826)

Proc	duct	LD%	Ωtγ	Now	Rate	Tax	Amount	Origin
i 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA	100 100	32.29 32.29	Tons Tons				KING KING

Total Tax Total Ticket



Ticket# 72078

Original

Ph: 206 763 5025 WASTE MANAGEMENT Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/07/2013 Vehicle# M769 Volume Payment Type Credit Account Container Manual Ticket# Driver TOM DEHART Route AK Check# Haulino Ticket# Billino# 0000313 Destination Grid #O9 108330WA Time Scale Operator Inbound Gross 102460 15* 11/07/2013 13:56:26 In SCALE 1 lmercer Tare 40660 lb* Out 11/07/2013 13:56:26 lmercer Net 61800 lb * Manual Weight Tons 30.90 Comments MAJESTIK - LM (REPLACES VOIDED TICKET # 71831)

Pro	duct	LD%	Qty	MOU	Ratic	Тах	Amount	Origin
<u>1</u>	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		30.90 30.90	Tons Tons				KING

Total Tax Total Ticket

Driver's Signature 203WM



Original Ticket# 72079 Ph: 206 763 5025

1	Customer Name IO ENVIRONMENTAL AND INFR Ticket Date 11/07/2013 Payment Type Credit Account	RASTR Carrier SELF HAULER * Vehicle# K39 Container	Volume
	Manual Ticket# Route AK	Driver GORDY GROEN Check#	
	Hauling Ticket# Destination PO# 108330WA	Billing# 0000313 Grid	
	Time Scale In 11/07/2013 14:45:19 SCALE 1 Out 11/07/2013 14:45:19 . Comments KCPK - LM (REPLACES VOIDED	Operator Inbound Imercer Imercer * Manual Weight TICKET # 71842)	Gross 106520 lb* Tare 38560 lb* Net 67960 lb Tons 33.98

Pro	duct	LD%	Oty	UOM	Rate	Tax	Amount	Origin
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		33.98 33.98	Tons Tons				KING KING

Total Tax Total Ticket

Driver's Signature



Ticket# 72080 : 206 763 5025

Original

Ph: 206 763 5025 WASTE MANAGEMENT Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/08/2013 Vehicle# K109 Volume Payment Type Credit Account Container Manual Ticket# Driver MIKE NICHOLS Route AK Check# Hauling Ticket# Billing# 0000313 Destination Grid PO# 108330WA

Time Scale Operator Inbound Gross 108380 15* 11/08/2013 06:58:52 In SCALE 1 lmercer Tare 41320 lb* 11/08/2013 06:58:52 Out lmercer Net 67060 15 * Manual Weight Tons 33.53 Comments KCPK - LM (REPLACES VOIDED TICKET # 71848)

Pro	duct	LD%	Qty	MQU	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	 33.53	Tons				KING
2	GONDÓLA 16.77/TN-GONDOLA		33.53					KING

Total Tax Total Ticket

'Driver's Signature ∞3wm



Ticket# 72081 Ph: 206 763 5025

Original

109120 1b*

42880 lb*

KING

KING

66240 16

33.12

Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Vehicle# Ki19SD Volume Container Driver JAKE COMPTON

Operator

* Manual Weight

MOU

Rate

lmercer

lmercer

33.12 Tons

33.12 Tons

Check# Billing#

Oty.

0000313

Inbound

Tax

Total Tax Total Ticket

Gross

Tane

Net

Tons

Amount

AΚ Grid

Comments KCPK - LM (REPLACES VOIDED TICKET # 71849)

108330WA

Time

Daily Cover-PCS-Tons-Pet

GONDOLA 16.77/TN-GONDOLA

Destination PD#

11/08/2013 07:02:16 In SCALE 1

Out 11/08/2013 07:02:16

Product

Driver's Signature

2

Scale

Hauling Ticket#

Payment Type Credit Account Manual Ticket# Route

Ticket Date 11/08/2013

WASTE MANAGEMENT

LD%

100

100



Ticket Date

Destination

Route

PO#

Product

Manual Ticket# 73637

108330WA

In 11/08/2013 08:25:00

Out 11/08/2013 08:25:00

9K

Hauling Ticket#

⇒Time

Driver's Signature

Alaska Street 70 S Alaska Street

Scale

SCALE 1

LD%

Comments KXPK - LM (RE: MANUAL TICKET # 53637)

Daily Cover-PCS-Tons-Pet 100 31.62 Tons

GONDOLA 16.77/TN-GONDOLA 100 31.62 Tons

Grid

lmercar

lmercer

* Manual Weight

UOM

Ph: 206 763 5025

Seattle, WA, 98134

Customer Name ID ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * 11/08/2013 Payment Type Credit Account

Vehicle# K39 Container Driver Check#

Oty

. GORDY GROEN Billing# 0000313

Operator

Rate

Inbound

Tax.

Total Tax Total Ticket

Gross Tare Net Tons

101800 15* 38560 lb*

Original

Volume

Asount

Ticket# 72082

KING ~

31.62

63240 15





Alaska Streat 70 S Alaska Street

Ticket# 72083 Seattle, WA. 98134 Ph: 206 763 5025 **WASTE MANAGEMENT** Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/08/2013 Vehicle# A4 Volume Payment Type Credit Account Container Manual Ticket# 53638 Driver DAVID PURSELL Route AK Check# Hauling Ticket# Billing# 0000313 Destination Grid P0# 108330WA Time Scale Operator Inbound Gross 100360 15* Ιn 11/08/2013 08:51:00 SCALE 1 Imarcar Tana 37140 1ha

Out 11	/08/2013 08:51:00		1 m	ercer Manual W	eight		nare Net Tons	57140 15 63220 16 31.6
Comment	s AC PAVING - LM	(RE: MANU	AL TICK	ET # 536	38)			
Product	; 	LD%	Qty	МОЦ	Rate	Тах	Amount	Origin
i Da	aily Cover-PCS-Tons-P	et 100	31.61	Tons		~		KING

31.61 Tons

Total Tax Total Ticket KING

Original

Dniver`s Signature

GONDOLA 16.77/TN-GONDOLA 100

2



Product

Driver's Signature

Alaska Street 70 S Alaska Street Seattle, WA, 98134

103020 lb*

40660 15*

Origin

KING

KING

62360 lb

31.18

Ph: 206 763 5025 WASTE MANAGEMENT Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER * Ticket Date 11/08/2013 Vehicle# M769 Volume Payment Type Credit Account Container Manual Ticket# 53639 Driver TOM DEHART Route AK Check#

Billino# 0000313

LD%

Grid

~~ 108330WA

Destination PO# Time Scale

11/08/2013 09:10:00 Īπ SCALE 1

Out 11/08/2013 09:10:00

Hauling Ticket#

Daily Cover-PCS-Tons-Pet 100

Comments MAJESTIK - LM (RE: MANUAL TICKET # 53639)

GONDOLA 16.77/TN-GONDOLA 100 31.18 Tons

Operator

* Manual Weight

NOM

Rate

lmercer

lmercer

Qty

31.18 Tons

Inbound

Tax

Total Tax Total Ticket

Gross

Tare

Net

Tons

Amount

Original Ticket# 72084



Ticket Date

Route

Manual Ticket# 53640

ΑК

Haulino Ticket#

PO# 108330WA Time

Destination

Alaska Street 70 S Alaska Street Seattle, WA, 98134

Scale

Daily Cover-PCS-Tons-Pet 100

GONDOLA 16.77/TN-GONDOLA 100

Ticket# 72085 Ph: 206 763 5025

Gross

102800 lb*

KING

KING

Original

Customer Name IO ENVIRONMENTAL AND INFRASTR Caprier SELF HAULER * 11/08/2013 Vehicle# A4 Volume Payment Type Credit Account Container Driver - DAVID PURSELL Check# Billing# 0000313 Grid

Inbound

In 11/08/2013 12:01:00 SCALE 1 lmercer Tare 37140 15* Out 11/08/2013 12:01:00 lmercer Net 65660 15 * Manual Weight Tons 32.83 Comments AC PAVING - LM (RE: MANUAL TICKET # 53640) Product LD% Qty MOU Rate Tax Amount Origin

32.83 Tons

32.83 Tons

Operator

e.	•	* •
	•	Total Tay

Total Ticket

Driver's Signature



Ticket Date

Route 9K

Destination

√ Time

PO#

Product

Driver's Signature

Hauling Ticket#

70 S Alaska Street Seattle, WA, 98134 Customer Name IO ENVIRONMENTAL AND INFRASTR Carrier SELF HAULER *

Alaska Street

Scale

LD%

Oty .

28.52 Tons

28.52 Tons

Vehicle# M769 Container

Rate

Driver

Billing# 0000313

Check#

* Manual Weight

UOM

Grid

Operator

lmercer

lmercer

TOM DEHART

Inbound

Tax

Total Tax Total Ticket

Ph: 206 763 5025

Gross

Tara

Net

Tons

Amount

Reprint

Volume

Ticket# 720A6

97700 15%

57040 16

28.52

40660 16*

KING

KING

Manual Ticket# 53642

Comments MAJESTIK - LM (RE: MANUAL TICKET # 53642)

11/08/2013

Payment Type Credit Account

108330WA

Out 11/08/2013 12:15:00

In [11/08/2013 12:15:00 SCALE 1

Daily Cover-PCS-Tons-Pet 190

GONDOLA 16.77/TN-GONDOLA 100



Original Ticket# 72146 Ph: 208 783 5025

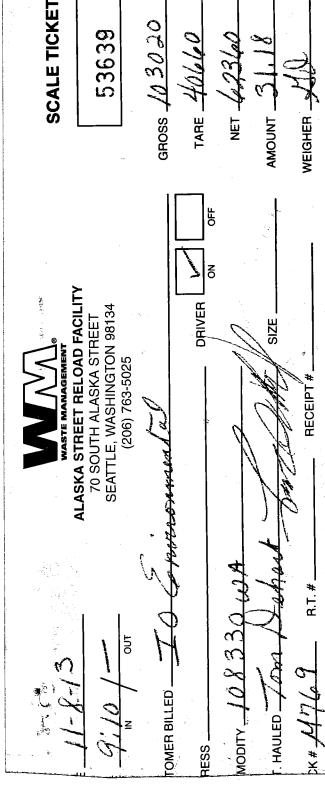
Customer Name IO ENVIRO	NMENTAL AND INF	FRASTR Carrier	SELF HAULER *		
Ticket Date 11/01/201	3	Vehicle#	K3T	√ Volume	
Payment Type Credit Ac	count	Container	بر	Zelov _	
Manual Ticket#		Driver	ROGER KRUPP /		
Route AK		Check#	,		~ ¹
Hauling Ticket# '		Section 1997	0000313		
Destination		Grid			
PO# 108330WA					
Time	Scale	Operator	Inbound	Gross	89240 15*
In 11/01/2013 10:05:3	1 SCALE 1	Imercar	7	Tare	34500 lb*
Out 11/01/2013 10:05:3	1	lmercer	4 دُر	Net	5474Ø 1b
		* Manual Weig	ıh <i>t</i>	Tons	27.37
Comments / KRUPP - LM	(REPLACES VOIDE	ED TICKET # 71394		10115	F(**)
	1922 7522	-s (refict a trop)	F /		
		1			

Pro:	duct 	LD%	Qty	UOM	Rate	Тах	Amount	Origin
1 2	Daily Cover-PCS-Tons-Pet GONDOLA 16.77/TN-GONDOLA		27.37 27.37					KING

Total Tax Total Ticket SCALE TICKET 38560 5363 WEIGHER TARE NET **AMOUNT ALASKA STREET RELOAD FACILITY** DRIVER SEATTLE, WASHINGTON 98134 70 SOUTH ALASKA STREET SIZ (206) 763-5025 RECEIPT # LOWINGY R.T.# 3000 OMER BILLED 3 HAULED -MODITY_ RESS

SCALE TICKET 53638 GROSS 100TARE. AMOUNT WEIGHER NET **ALASKA STREET RELOAD FACILITY** DRIVER SEATTLE, WASHINGTON 98134 70 SOUTH ALASKA STREET SIZE (206) 763-5025 RECEIPT # OMER BILLED 108 3304 HAULED MODITY

RESS.



SCALE TICKET WEIGHER STRACE 6566C 53640 TARE 37 W. GRĢSS _ NET AMOUNT _ ALASKA STREET RELOAD FACILITY
70 SOUTH ALASKA STREET
SEATTLE, WASHINGTON 98134
(206) 763-5025 DRIVER SIZE. RECEIPT # 200 8330W 11-A. R.T.# OUT から 一点 STOMER BILLED ST. HAULED MMODITY. DRESS_ CK #

WASTE MANAGEMENT	SCALE TICKET
ALASKA STREET RELOAD FACILITY 70 SOUTH ALASKA STREET SEATTLE, WASHINGTON 98134	53649
V ()	
TOWER BILLED	GROSS 711100
DRIVER ON OFF	TARE 40 660
08330WA	NET 57040
NA DEHAPT & SIZE	AMOUNT 2,8,52
9 BT# RECEIPT#	wеіднея

APPENDIX C

Laboratory Reports Chain-of-Custody Forms



October 31, 2013

Tom Mergy PBS Environmental 2517 Eastlake Ave. East, Suite 100 Seattle, WA 98102

Dear Mr. Mergy:

Please find enclosed the analytical data report for the *Fire Training Academy*, 40535.170 (B31029-6) Project.

Samples were received on *October 29*, *2013*. The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 497-0110.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

Val G. Ivanov, Ph.D. Laboratory Manager

V. Franov



Eren	10		ADV	ANCE	D AHA	LYT	0		Cł	nain of Custody Record
	206-352-37						Laboratory	Project No (internal):	
	206-352-37 206-352-71			Date: 10	1-29-13					of:
Client: PBS E	DV.				D					ACODENY
Address:						ect Name:	A 2 1		Cally south	4000000
City, State, Zip	E, WY	2	Tel: 206	,498.63	SIO COLL	ected by:	KEN	MAGE	EEE	
Reports To (PM): Tom ME	RAY	Fax:			Email: 10M	.Mera	52 plose	nv.co	Project N	No: 40535, 170
Sample Name	Sample Date		Sample Type (Matrix)	/	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ranie Little Ran	goldaine	///	27kl 20/200-8 jud tol 10/200-8 jud tol 10/200-8 jud tol	
1 A -((0/29)	3 12:40	501		X					Comments/Depth
2 A-2	1	12:45	1		×					
3 A-I-1		13:00		X	X	×				OIL
4 A-3		14:10			X					010
A-4		14:15			X					
6 A-5		14:20								
H-E		15:20			X					
^ 7		-			×					
8 A-7		15:25			X					
9 A-0	4	15:35	V		X					
10		5023								
	CRA-8 Pri	iority Pollutant	ts TAL	Individual: A	ag Al As B Ba I	Be Ca Cd Co	o Cr Cu Fe H	g K Mg M	n Mo Na N	i Pb Sb Se Sr Sn Ti Tl U V Zn
**Anions (Circle): Nitrate Nitrite	Chloride	Sulfate	Bromide				-Nitrite			ũ,
Sample Disposal: Return	to Client	☐ Disposa	l by Lab (A fee	may be assessed if	samples are retained a	fter 30 days.)				Special Remarks:
	Time 9/13	17:1	5	Received	Than	w i	ate/Time	3 17:	15	
Date	rime			Received x		D	ate/Time			
										TAT> Next Day 2 Day 3 Day STD



FICH	Oli alvii		AD	×450	ED	Appur	TIC			Cha	in of Custody Record
	06-352-379						Laboratory F	Project No	(internal):		
	06-352-717			Date: 10	129/1	3_	Page:				of:
Client: PBA T	ENL.				1 1		EIDE	To	A. 51	NA	ACA SALV
Address:	1100					Project Name: Location:	ART	F	21140	1.01	ACABAM
City, State, Zip	E,W.	4	Tel: 206,	498,63	510	Collected by:	Son	Ma	SPL	14	ACADEMY
Reports To (PM):		Fax:			Email:					ect No:	40535.170
	Sample	Sample	Sample Type	lar ske	THE PROPERTY OF THE PROPERTY O	ANG SEALST STATE STATE	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Red Color	///	/	
Sample Name	Date	Time	(Matrix)	12/24/	\$1 635°	86 98 84 4K	(8/8/3)	West	3 Hill	//	Comments/Depth
1 B1	10/29/13	1:00	SOIL			×					OL
2 D-1		11.00				×					
3 D-Z		1:13				x					
4 D-3		1115				x					
5 D-4		1:18				×					
6 D-5		1:20				×					
7 D-6		2:40				x					
8 D-7		2:45				x x					
9 G-1		3:00				×					
10 6-2	1	3110	4			X					
*Metals Analysis (Circle): MTCA-5 RCI	RA-8 Pric	ority Pollutan	ts TAL	Individual:	Ag Al As	B Ba Be Ca Cd Co	Cr Cu Fe H	g K Mg	Mn Mo	Na Ni Pl	b Sb Se Sr Sn Ti Tl U V Zn
**Anions (Circle): Nitrate Nitrite	Chloride	Sulfate	Bromide	O-Phosp	hate F	luoride Nitrate+	Nitrite				
Sample Disposal: Return	to Client	☐ Disposa	al by Lab (A fee	may be assessed i	if samples are r	etained after 30 days.)					Special Remarks:
Relinquished Date/1 x Relinquished Date/1 x	29/13	(-	7:15	Received x Received x	Wa	no "	ate/Time	5	17:	15	TAT/> Next Day 2 Day 3 Day STD
G-3 10	29 3	.12				X					333, 333, 310

Distribution: White - Lab, Yellow - File, Pink - Originator

www.fremontanalytical.com

Advanced Analytical Laboratory (425)497-0110, fax(425)497-8089

AAL Job Number: B31029-6

Client: PBS Environmental

Tom Mergy Fire Training Academy 40535.170 10/29/13

Project Manager: Client Project Name: Client Project Number: Date received:

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: 40535.170 10/29/13 Date received:

Analytical Results

NWTPH-Dx, mg/kg		MTH BLK	A-1	A-2	A-I-1	A-3	A-4	A-5
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13
Date analyzed	Limits	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13
Kerosene/Jet fuel Diesel/Fuel oil Heavy oil	20 20 50	nd nd nd	nd 5,500 nd	nd nd nd	nd 57,000 nd	nd nd nd	nd nd nd	nd nd nd
Surrogate recoveries:						2		
Fluorobiphenyl		118%	С	125%	С	126%	126%	128%
o-Terphenyl		110%	116%	109%	С	110%	110%	112%

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: 40535.170 10/29/13 Date received:

Analytical Results

NWTPH-Dx, mg/kg		A-6	A-7	A-8	B-1	D-1	D-2	D-3
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13
Date analyzed	Limits	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13
Kerosene/Jet fuel	20	nd						
Diesel/Fuel oil	20	nd	nd	nd	51,000	10,000	nd	nd
Heavy oil	50	nd						
Surrogate recoveries:								
Fluorobiphenyl		125%	125%	125%	С	С	129%	130%
o-Terphenyl		109%	109%	109%	С	С	112%	111%

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: Date received: 40535.170 10/29/13

Analytical Results									Dupl
NWTPH-Dx, mg/kg		D-4	D-5	D-6	D-7	G-1	G-2	G-3	G-3
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13
Date analyzed	Limits	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13
Kerosene/Jet fuel	20	nd							
Diesel/Fuel oil	20	nd							
Heavy oil	50	nd							
Surrogate recoveries:									
Fluorobiphenyl		129%	130%	130%	129%	128%	129%	129%	125%
o-Terphenyl		111%	112%	113%	113%	114%	112%	112%	114%

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%

Client: PBS Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: 40535.170 Date received: 40535.170

Analytical Results

NWTPH-Gx/BTEX		MTH BLK	LCS	A-I-1	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13
Date analyzed	Limits	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13
NWTPH-Gx, mg/kg	5.0						
Mineral spirits/Stoddard	5.0	nd		nd			
Gasoline	5.0	nd		nd			
BTEX 8021B, μg/kg Benzene Toluene	20 50	nd nd	97% 94%	nd nd	95% 95%	98% 96%	3% 1%
Ethylbenzene	50	nd		560			
Xylenes	50	nd		4,900			
Surrogate recoveries:							
Trifluorotoluene		77%	96%	92%	98%	94%	
Bromofluorobenzene		80%	92%	93%	96%	94%	

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits

na - not analyzed

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: 40535.170 10/29/13 Date received:

Analytical Results

PAH (8270 sim), mg/kg		MTH BLK	LCS	A-I-1	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13
Date analyzed	Limits	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13	10/29/13
1-Methylnaphthalene	0.10	nd		310			
2-Methylnaphthalene	0.10	nd		390			
Naphthalene	0.10	nd		72			
Acenaphthylene	0.10	nd		16			
Acenaphthene	0.10	nd	115%	4.7	118%	123%	4%
Fluorene	0.10	nd		14			
Phenanthrene	0.10	nd		16			
Anthracene	0.10	nd		nd			
Fluoranthene	0.10	nd		6.2			
Pyrene	0.10	nd	127%	8.5	109%	113%	3%
Benzo(a)anthracene	0.10	nd		1.9			
Chrysene	0.10	nd		2.2			
Benzo(b)fluoranthene	0.10	nd		1.6			
Benzo(k)fluoranthene	0.10	nd		nd			
Benzo(a)pyrene	0.10	nd		1.7			
Indeno(1,2,3-cd)pyrene	0.10	nd		0.94			
Dibenzo(ah)anthracene	0.10	nd		0.18			
Benzo(ghi)perylene	0.10	nd		1.1			
Surrogate recoveries:							
2-Fluorobyphenyl	•	102%	80%	140%	81%	81%	
o-Terphenyl		115%	69%	103%	72%	69%	

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

na - not analyzed

Results reported on dry-weight basis

Acceptable Recovery limits: 50% TO 150%



October 31, 2013

Tom Mergy PBS Environmental 2517 Eastlake Ave. East, Suite 100 Seattle, WA 98102

Dear Mr. Mergy:

Please find enclosed the analytical data report for the *Fire Training Academy*, 40535.170 (B31030-3) Project.

Samples were received on *October 30*, *2013*. The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 497-0110.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

Val G. Ivanov, Ph.D. Laboratory Manager

V. Franov

Chain of Custody Record

Laboratory Job #:

B31030-3

2821 152 Avenue NE

Redmond, WA 98052

(425) 497-0110 fax: (425) 497-8089 aachemlab@yahoo.com

Client: PBS Environmental	Project Name: Fire Training Academy
Project Manager: Tom Mengy	Project Number: 40\$35, 170
Address:	Collector: K. Negere
Phone: \$09.573.8163 Fax:	Date of collection: 10.30.13

							,							-		-
	Sample ID	Time	Matrix	Container type	10 8 10 0		RHI ST	RY ST RY	20 20 20 20 20 20 20 20 20 20 20 20 20 2	O de	20° / 20° /	A CON STANCE OF THE PROPERTY O			Notes, comments	# of containers
1	4-9	1010	50.1				X									
2	A-10	1015	-1				X									
3	F-1	1092				X	X									
4	F-7	1030					X									
5	4-1	1240					X									
6	H-3	1345					X									
7	H-3	1250				8	X								•	
8	E-1	1310			ad	pled	X									
9	E-2	1315				X	X									
10	E-3	1320			-	uce/ea	X									
11	E-4	1325			pen K.	18/31/12	X									
12	0-8	1450	A			Vaz	X								2	· ·

Relinguished by:	Date/Time	Received by:	Date/Time
Thiphon	KYS 10.30.13	V. Maur 10/30	13 16:
Relinguished by:	Date/Time	Received by:	Date/Time

Sample receipt info:

Total # of containers: 34

Condition (temp, °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

Standard O

B-6

6

Laboratory Job #: B3 1030-3

2821 152 Avenue NE

Redmond, WA 98052

(425) 497-0110 fax: (425) 497-8089

aachemlab@yahoo.com

Clie	ent: PBS Environmental							Project Name: For Training Academy							
Proj	ject Manager: Town Mergy					Project Number: 405 35, 170									
Add	dress:						Collect	or:	K.	Noger	e				
Pho	one: 509.512 8163	Fax:								0.30.1					
	Sample ID	Time	Matrix	Container type		ANGRICA STAN	24 / KG S	STO 808	200° / 20° /		//		Notes, comments	# of containers	
1	0-9	1455	50:1			X								1	
2	B-2	1510	-			X									
3	B-3	KIS				X									
4	B-4	1830				X									
5	B-S	1592				X		4							

Relinguished by:	Date/Time	Received by:	Date/Time
The Jun	1542 10:30:13	V. haur of	30/13/6:
Relinguished by:	Date/Time	Received by:	Date/Time
Milwed Milae	10-30-13	Noosived by.	Buto/ fillio

Sample receipt info:

Total # of containers: 24

Condition (temp, °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

Standard O

Advanced Analytical Laboratory (425)497-0110, fax(425)497-8089

B31030-3 AAL Job Number:

Client: PBS Environmental

Project Manager: Client Project Name: Client Project Number: Date received: Tom Mergy Fire Training Academy 40535.170 10/30/13

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: 40535.170 10/30/13 Date received:

Analytical Results

NWTPH-Dx, mg/kg		MTH BLK	A-9	A-10	F-1	F-2	H-1	H-2
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13
Date analyzed	Limits	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13
Kerosene/Jet fuel	20	nd						
Diesel/Fuel oil	20	nd	nd	nd	1,700	nd	nd	nd
Heavy oil	50	nd						
Surrogate recoveries:								
Fluorobiphenyl		128%	129%	130%	С	128%	127%	124%
o-Terphenyl		113%	118%	113%	С	114%	112%	112%

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: 40535.170 10/30/13 Date received:

Analytical Results

Allalytical Nesults								
NWTPH-Dx, mg/kg		H-3	E-1	E-2	E-3	E-4	D-8	D-9
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13
Date analyzed	Limits	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13
Kerosene/Jet fuel	20	nd						
Diesel/Fuel oil	20	nd						
Heavy oil	50	nd						
Surrogate recoveries:								
Fluorobiphenyl		122%	125%	123%	122%	121%	122%	122%
o-Terphenyl		114%	114%	114%	115%	112%	115%	115%

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%

Client: **PBS** Environmental

Project Manager: Tom Mergy

Fire Training Academy

Client Project Name: Client Project Number: Date received: 40535.170 10/30/13

Analytical Results							Dupl	RPD
NWTPH-Dx, mg/kg		B-2	B-3	B-4	B-5	B-6	B-6	B-6
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13
Date analyzed	Limits	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13
Kerosene/Jet fuel	20	nd	nd	nd	nd	nd	nd	
Diesel/Fuel oil	20	nd	nd	nd	nd	6,900	7,000	1%
Heavy oil	50	nd	nd	nd	nd	nd	nd	
Surrogate recoveries:								
Fluorobiphenyl		124%	123%	122%	126%	С	С	
o-Terphenyl		116%	115%	115%	117%	С	С	

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%

Client: PBS Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: 40535.170 Date received: 40535.170

Analytical Results

NWTPH-Gx/BTEX		MTH BLK	LCS	F-1	H-3	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13
Date analyzed	Limits	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13	10/30/13
NWTPH-Gx, mg/kg								
Mineral spirits/Stoddard	5.0	nd		nd	nd			
Gasoline	5.0	nd		nd	nd			
BTEX 8021B, µg/kg Benzene Toluene Ethylbenzene	20 50 50	nd nd nd	84% 82%	nd nd 100	nd nd nd	80% 78%	80% 77%	0% 1%
Xylenes	50	nd		390	nd			
Surrogate recoveries:								
Trifluorotoluene		83%	93%	105%	124%	91%	92%	
Bromofluorobenzene		95%	90%	112%	111%	89%	90%	

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits

na - not analyzed

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: 40535.170 Date received: 10/30/13

Analytical Results

PAH (8270 sim), mg/kg		MTH BLK	LCS	B-6	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13
Date analyzed	Limits	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13
1-Methylnaphthalene	0.10	nd		24			
2-Methylnaphthalene	0.10	nd		32			
Naphthalene	0.10	nd		11			
Acenaphthylene	0.10	nd		1.4			
Acenaphthene	0.10	nd	118%	0.29	122%	119%	3%
Fluorene	0.10	nd		1.2			
Phenanthrene	0.10	nd		1.0			
Anthracene	0.10	nd		nd			
Fluoranthene	0.10	nd		0.39			
Pyrene	0.10	nd	103%	0.56	102%	99%	2%
Benzo(a)anthracene	0.10	nd		0.19			
Chrysene	0.10	nd		0.22			
Benzo(b)fluoranthene	0.10	nd		0.18			
Benzo(k)fluoranthene	0.10	nd		nd			
Benzo(a)pyrene	0.10	nd		nd			
Indeno(1,2,3-cd)pyrene	0.10	nd		nd			
Dibenzo(ah)anthracene	0.10	nd		nd			
Benzo(ghi)perylene	0.10	nd		nd			
Surrogate recoveries:							
2-Fluorobyphenyl		109%	80%	106%	80%	79%	
o-Terphenyl		125%	70%	110%	85%	75%	

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

na - not analyzed

Results reported on dry-weight basis

Acceptable Recovery limits: 50% TO 150%



November 01, 2013

Tom Mergy PBS Environmental 2517 Eastlake Ave. East, Suite 100 Seattle, WA 98102

Dear Mr. Mergy:

Please find enclosed the analytical data report for the *Fire Training Academy*, 40535.170 (B31031-4) Project.

Samples were received on *October 31*, 2013. The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 497-0110.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

Val G. Ivanov, Ph.D. Laboratory Manager

V. Franov

PRC E.

Laboratory Job #: 331031-4

2821 152 Avenue NE Redmond, WA 98052 (425) 497-0110 fax: (425) 497-8089 aachemlab@yahoo.com

Client:	D) Lugineer							Proj	ect Na	me:	-11	+ - 1	HKL	1		
Project Mar	nager: Tom Mugy							Proj	ect Nu	mber:	40	535	. 17	0		
Address:								Coll	ector:	k	CN	ogen	e			
Phone:		Fax:	1 1					Date	e of col	llection:	10	1.31.	13			
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4 B-		1205	Since a consequent of the consequence of the conseq			X	X									
5 B-1	()	1210	and the second				X									
6 B-	12	1240					X									
7 B-	13	1245	Approximation of the state of t				Y									
8 B-	14	1250	- Carlotte o Lancasca				Y									
9 8-	15	1255	-				X		4							
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11 B-	17	1305				X	X									
12 (-		1415				X	X									A.
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										Com	nments	:			Standa	rd O

Advanced Analytical Laboratory (425)497-0110, fax(425)497-8089

B31031-4 AAL Job Number:

Client: PBS Environmental

Tom Mergy Fire Training Academy 40535.170 10/31/13

Project Manager: Client Project Name: Client Project Number: Date received:

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: 40535.170 10/31/13 Date received:

Analytical Results

NWTPH-Dx, mg/kg		MTH BLK	B-7	B-8	B-9	B-10	B-11	B-12
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13
Date analyzed	Limits	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13
Kerosene/Jet fuel	20	nd						
Diesel/Fuel oil	20	nd	nd	nd	nd	40	nd	42
Heavy oil	50	nd						
Surrogate recoveries:								
Fluorobiphenyl		93%	119%	109%	105%	103%	98%	97%
o-Terphenyl		85%	129%	117%	108%	99%	96%	91%

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: Date received: 40535.170 10/31/13

Analytical Results									Dupl
NWTPH-Dx, mg/kg		B-13	B-14	B-15	B-16	B-17	C-1	C-2	C-2
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13
Date analyzed	Limits	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13
Kerosene/Jet fuel	20	nd							
Diesel/Fuel oil	20	nd	nd	nd	nd	nd	31	nd	nd
Heavy oil	50	nd							
Surrogate recoveries:									
Fluorobiphenyl		95%	96%	93%	94%	96%	98%	96%	96%
o-Terphenyl		90%	89%	87%	87%	89%	89%	88%	89%

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: 40535.170 Date received: 10/31/13

Analytical Results

NWTPH-Dx, mg/kg		DUP-10.31.13
Matrix	Soil	Soil
Date extracted	Reporting	10/31/13
Date analyzed	Limits	10/31/13
Kerosene/Jet fuel	20	nd
Diesel/Fuel oil	20	37
Heavy oil	50	nd
Surrogate recoveries:		
Fluorobiphenyl		100%
o-Terphenyl		89%

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: Date received: 40535.170 10/31/13

Analytical Results							Dupl
NWTPH-Gx/BTEX		MTH BLK	LCS	B-10	B-17	C-1	C-1
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13
Date analyzed	Limits	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13	10/31/13
NWTPH-Gx, mg/kg							
Mineral spirits/Stoddard	5.0	nd		nd	nd	nd	nd
Gasoline	5.0	nd		nd	nd	nd	nd
BTEX 8021B, μg/kg							
Benzene	20	nd	84%	nd	nd	nd	nd
Toluene	50	nd	85%	nd	nd	nd	nd
Ethylbenzene	50	nd		nd	nd	nd	nd
Xylenes	50	nd		nd	nd	nd	nd
Surrogate recoveries:							
Trifluorotoluene		113%	102%	95%	80%	91%	128%
Bromofluorobenzene		97%	99%	99%	88%	97%	98%

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

na - not analyzed

C - coelution with sample peaks Results reported on dry-weight basis Acceptable Recovery limits: 70% TO 130%



November 04, 2013

Tom Mergy PBS Environmental 2517 Eastlake Ave. East, Suite 100 Seattle, WA 98102

Dear Mr. Mergy:

Please find enclosed the analytical data report for the *Fire Training Academy*, 40535.170 (B31101-2) Project.

Samples were received on *November 01, 2013*. The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 497-0110.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

Val G. Ivanov, Ph.D.

V. Franov

Laboratory Manager

of

Laboratory Job #:

B3 1101-2

2821 152 Avenue NE

Redmond, WA 98052

(425) 497-0110 fax: (425) 497-8089

aachemlab@yahoo.com

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2	F-3	1205	5					X									FS	CRAPE	=9	IDE
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Relinguished by:	Date/Time	Received by:	Date/Time

Sample receipt info:

Turnaround time:

Total # of containers:

Condition (temp, °C)

Seals (intact?, Y/N)

Comments:

48 hr **O**

Standard O

Same day O

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: 40535.170 Date received: 11/01/13

A colored December					Б
Analytical Results					Dupl
NWTPH-Dx, mg/kg		MTH BLK	A-11	F-3	F-3
Matrix	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	11/01/13	11/01/13	11/01/13	11/01/13
Date analyzed	Limits	11/01/13	11/01/13	11/01/13	11/01/13
Kerosene/Jet fuel	20	nd	nd	nd	nd
Diesel/Fuel oil	20	nd	12,000	nd	nd
Heavy oil	50	nd	nd	nd	nd
Surrogate recoveries:					
Fluorobiphenyl		78%	С	96%	99%
o-Terphenyl		94%	107%	89%	91%

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%



November 05, 2013

Tom Mergy PBS Environmental 2517 Eastlake Ave. East, Suite 100 Seattle, WA 98102

Dear Mr. Mergy:

Please find enclosed the analytical data report for the *Fire Training Academy*, 40535.170 (B31104-1) Project.

Samples were received on *November 04*, 2013. The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 497-0110.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

Val G. Ivanov, Ph.D. Laboratory Manager

V. Franov

Relinguished by:

Relinguished by:

Date/Time

Date/Time

144/13:16:48

of

Same day O

48 hr O

Standard O

Laboratory Job #: 83.1104-1

2821 152 Avenue NF.

Redmond, WA 98052

(425) 497-0110 fax: (425) 497-8089

aachemlab@yahoo.com

Total # of containers:

Condition (temp, °C)

Seals (intact?, Y/N)

Comments:

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Received by:

Received by:

Date/Time

Date/Time

Advanced Analytical Laboratory (425)497-0110, fax(425)497-8089

B31104-1 AAL Job Number:

Client: PBS Environmental

Tom Mergy Fire Training Academy 40535.170 11/04/13

Project Manager: Client Project Name: Client Project Number: Date received:

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: 40535.170 11/04/13 Date received:

Analytical Results					Dupl
NWTPH-Dx, mg/kg		MTH BLK	A-12 (10')	A-13 (8'-6"')	A-13 (8'-6"')
Matrix	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	11/04/13	11/04/13	11/04/13	11/04/13
Date analyzed	Limits	11/04/13	11/04/13	11/04/13	11/04/13
Kerosene/Jet fuel	20	nd	nd	nd	nd
Diesel/Fuel oil	20	nd	54	230	230
Heavy oil	50	nd	nd	nd	nd
Surrogate recoveries:					
Fluorobiphenyl		112%	105%	95%	99%
o-Terphenyl		84%	72%	70%	85%

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%



November 06, 2013

Tom Mergy PBS Environmental 2517 Eastlake Ave. East, Suite 100 Seattle, WA 98102

Dear Mr. Mergy:

Please find enclosed the analytical data report for the *Fire Training Academy*, 40535.170 (B31105-4) Project.

Samples were received on *November 05*, 2013. The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 497-0110.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

Val G. Ivanov, Ph.D. Laboratory Manager

V. Franov

Relinguished by:

Relinguished by:

Date/Time

Date/Time

of

Same day O

Standard O

Laboratory Job #: B31105-Y

2821 152 Avenue NF.

Redmond, WA 98052

Total # of containers:

Condition (temp, °C)

Seals (intact?, Y/N)

Comments:

(425) 497-0110 fax: (425) 497-8089 aachemlab@yahoo.com

Cli	ent: PBS ENV									Proje	ct Na	ame:		F	TA	-1	AR	FF	>	
Pro	oject Manager: Tom MES dress: SEATUE,	Zay				~~~				Proje	ct Nu	ımbe	r.	4	65	35	, [70		
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2	E-6	12:35	- 1					×												
3	€-7	12:40						×												
4	E-8	12:45						×												
5	TP#3 (A-13)	12:50				×		*											5035 vier + 402	
6		10																		
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Received by:

Received by:

Date/Time

Date/Time

Advanced Analytical Laboratory (425)497-0110, fax(425)497-8089

B31105-4 AAL Job Number:

Client: PBS Environmental

Tom Mergy Fire Training Academy 40535.170 11/05/13

Project Manager: Client Project Name: Client Project Number: Date received:

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: 40535.170 Date received: 11/05/13

Analytical Results

NWTPH-Dx, mg/kg		MTH BLK	E-5	E-6	E-7	E-8	TP#3 (A-13)
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	11/05/13	11/05/13	11/05/13	11/05/13	11/05/13	11/05/13
Date analyzed	Limits	11/05/13	11/05/13	11/05/13	11/05/13	11/05/13	11/05/13
							_
Kerosene/Jet fuel	20	nd	nd	nd	nd	nd	nd
Diesel/Fuel oil	20	nd	nd	nd	nd	nd	6,800
Heavy oil	50	nd	nd	nd	nd	nd	nd
Surrogate recoveries:							
Fluorobiphenyl		107%	105%	105%	104%	107%	С
o-Terphenyl		98%	91%	90%	90%	91%	95%

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: 40535.170 Date received: 11/05/13

Analytical Results		Dupl	RPD
NWTPH-Dx, mg/kg		TP#3 (A-13)	TP#3 (A-13)
Matrix	Soil	Soil	Soil
Date extracted	Reporting	11/05/13	11/05/13
Date analyzed	Limits	11/05/13	11/05/13
Kerosene/Jet fuel	20	nd	
Diesel/Fuel oil	20	6,900	1%
Heavy oil	50	nd	
Surrogate recoveries:			
Fluorobiphenyl		С	
o-Terphenyl		97%	

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%

AAL Job Number: B31105-4

Client: PBS Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: 40535.170 Date received: 40535.170

Analytical Results

NWTPH-Gx/BTEX		MTH BLK	LCS	TP#3 (A-13)	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	11/06/13	11/06/13	11/06/13	11/06/13	11/06/13	11/06/13
Date analyzed	Limits	11/06/13	11/06/13	11/06/13	11/06/13	11/06/13	11/06/13
NWTPH-Gx, mg/kg							
Mineral spirits/Stoddard	5.0	nd		nd			
Gasoline	5.0	nd		nd			
BTEX 8021B, μg/kg							
Benzene	20	nd	78%	nd	112%	102%	10%
Toluene	50	nd	77%	nd	122%	98%	22%
Ethylbenzene	50	nd		1,000			
Xylenes	50	nd		4,500			
Surrogate recoveries:							
Trifluorotoluene		78%	76%	74%	91%	80%	
Bromofluorobenzene		82%	75%	78%	79%	80%	

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits

na - not analyzed

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%



November 07, 2013

Tom Mergy PBS Environmental 2517 Eastlake Ave. East, Suite 100 Seattle, WA 98102

Dear Mr. Mergy:

Please find enclosed the analytical data report for the *Fire Training Academy*, 40535.170 (B31106-3) Project.

Samples were received on *November 06*, 2013. The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 497-0110.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

Val G. Ivanov, Ph.D. Laboratory Manager

V. Franov

Laboratory Job #: B3 1106-3

2821 152 Avenue NF.

Redmond, WA 98052

(425) 497-0110 fax: (425) 497-8089 aachemlab@yahoo.com

Client:	PBS Engineering								Proj	ect Na	ame:	FT	A				
Project Mar	Eastlake, Seattle								Proj	ect Nu						10	
Address:	Egstlake, Seattl	و							Coll	ector:	Ì	L. 1	No	risp	e		
Phone:		Fax:	tom.	Me	rgy@p	obse	nv.	com	Date	e of co	lection			6.1			
	Sample ID	Time	Matrix	Container type	\$70 8		of Jacob	ENTRY ST	LUT ST	10 82 TO 82 TO	Series Series	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Sa Su		//	Notes, comme	ents #
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12																	

3 163	Thata 11/00	5/13/6:
te/Time	Received by:	Date/Time
	163	103

Sample receipt info:

Total # of containers:

Condition (temp, °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day C

Standard O

Advanced Analytical Laboratory (425)497-0110, fax(425)497-8089

B31106-3 AAL Job Number:

Client: PBS Environmental

Tom Mergy Fire Training Academy 40535.170 11/06/13

Project Manager: Client Project Name: Client Project Number: Date received:

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: Date received: 40535.170 11/06/13

Analytical Results								Dupl
NWTPH-Dx, mg/kg		MTH BLK	B-18	B-19	B-20	B-21	B-22	B-22
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	11/06/13	11/06/13	11/06/13	11/06/13	11/06/13	11/06/13	11/06/13
Date analyzed	Limits	11/06/13	11/06/13	11/06/13	11/06/13	11/06/13	11/06/13	11/06/13
Kerosene/Jet fuel	20	nd						
Diesel/Fuel oil	20	nd						
Heavy oil	50	nd						
Curre note recoveries:								
Surrogate recoveries:								
Fluorobiphenyl		115%	114%	111%	112%	116%	118%	119%
o-Terphenyl		113%	96%	93%	96%	98%	99%	100%

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: 40535.170 Date received: 11/06/13

Analytical Results

NWTPH-Gx/BTEX		MTH BLK	LCS	B-22	MS	MSD	RPD
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	11/06/13	11/06/13	11/06/13	11/06/13	11/06/13	11/06/13
Date analyzed	Limits	11/06/13	11/06/13	11/06/13	11/06/13	11/06/13	11/06/13
NWTPH-Gx, mg/kg							
Mineral spirits/Stoddard	5.0	nd		nd			
Gasoline	5.0	nd		nd			
BTEX 8021B, μg/kg Benzene Toluene	20 50	nd nd	78% 77%	nd nd	95% 92%	102% 98%	7% 6%
Ethylbenzene	50	nd		nd			
Xylenes	50	nd		nd			
Surrogate recoveries:							
Trifluorotoluene		78%	76%	79%	84%	83%	
Bromofluorobenzene		82%	75%	82%	83%	80%	

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits

na - not analyzed

C - coelution with sample peaks Results reported on dry-weight basis Acceptable Recovery limits: 70% TO 130%



November 08, 2013

Tom Mergy PBS Environmental 2517 Eastlake Ave. East, Suite 100 Seattle, WA 98102

Dear Mr. Mergy:

Please find enclosed the analytical data report for the *Fire Training Academy*, 40535.170 (B31107-2) Project.

Samples were received on *November 07, 2013*. The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 497-0110.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

Val G. Ivanov, Ph.D. Laboratory Manager

V. Franov

Laboratory Job #:

2821 152 Avenue NE

Redmond, WA 98052

(425) 497-0110 fax: (425) 497-8089

aachemlab@yahoo.com

client: PBS Engineering								Proje	ct Nam	e;	FTA					
Project Manager: Tom Meny								Proje	ct Num	ber:	405	535	, 17	10		
Address: Eastlake, Southle								Colle	ctor:	K	. No	بروس	2			
Project Manager: Tom Mersy Address: East lake, Southle Phone: tom worgy Opiosensem	Fax:							Date	of colle							
Sample ID	Time	Matrix	Container type	8786 108ill	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Edwards F	St St Little Burner	APV. KI	Servindante Servindante Servindante	\$ \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	A Series	1 10 10 10 10 10 10 10 10 10 10 10 10 10			Notes, comments	# of containers
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3																
4																
5																
6	1															
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Relinguished by: Date/Time		Received by:		Date/Ti	me	

Total # of containers:

Condition (temp, °C)

Seals (intact?, Y/N)

Comments:

48 hr (

Standard O

Advanced Analytical Laboratory (425)497-0110, fax(425)497-8089

AAL Job Number: B31107-2

Client: PBS Environmental

Tom Mergy Fire Training Academy 40535.170 11/07/13

Project Manager: Client Project Name: Client Project Number: Date received:

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

Client Project Number: 40535.170 Date received: 11/07/13

Analytical Results					Dupl
NWTPH-Dx, mg/kg		MTH BLK	B-23	B-24	B-24
Matrix	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	11/07/13	11/07/13	11/07/13	11/07/13
Date analyzed	Limits	11/07/13	11/07/13	11/07/13	11/07/13
Kerosene/Jet fuel	20	nd	nd	nd	nd
Diesel/Fuel oil	20	nd	nd	nd	nd
Heavy oil	50	nd	nd	nd	nd
Surrogate recoveries:					
Fluorobiphenyl		123%	118%	115%	118%
o-Terphenyl		103%	98%	95%	98%

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

C - coelution with sample peaks
Results reported on dry-weight basis
Acceptable Recovery limits: 70% TO 130%

Client: **PBS** Environmental

Project Manager: Tom Mergy

Client Project Name: Fire Training Academy

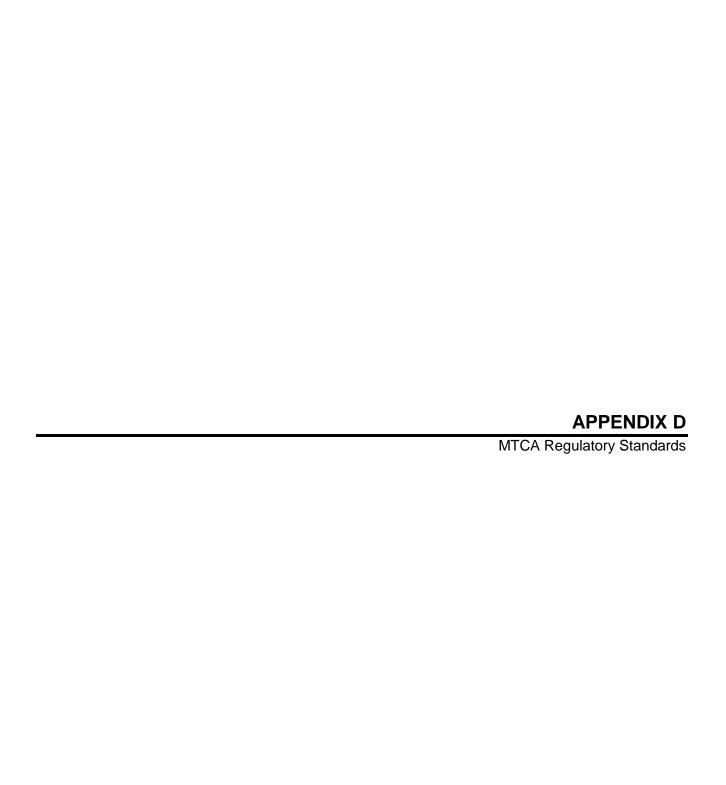
Client Project Number: Date received: 40535.170 11/07/13

Analytical Results						Dupl
NWTPH-Gx/BTEX		MTH BLK	LCS	B-23	B-24	B-24
Matrix	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	11/07/13	11/07/13	11/07/13	11/07/13	11/07/13
Date analyzed	Limits	11/07/13	11/07/13	11/07/13	11/07/13	11/07/13
NWTPH-Gx, mg/kg						
Mineral spirits/Stoddard	5.0	nd		nd	nd	nd
Gasoline	5.0	nd		nd	nd	nd
BTEX 8021B, μg/kg						
Benzene	20	nd	80%	nd	nd	nd
Toluene	50	nd	85%	nd	nd	nd
Ethylbenzene	50	nd		nd	nd	nd
Xylenes	50	nd		nd	nd	nd
Surrogate recoveries:						
Trifluorotoluene		92%	78%	83%	85%	84%
Bromofluorobenzene		90%	80%	80%	83%	87%

<u>Data Qualifiers and Analytical Comments</u> nd - not detected at listed reporting limits

na - not analyzed

C - coelution with sample peaks Results reported on dry-weight basis Acceptable Recovery limits: 70% TO 130%



Evaluation of Analytical Results per Ecology MTCA Standards:

The analytical results will be compared to the acceptance criteria defined for the types of wastes this plan addresses: "Clean Soil" and Petroleum Contaminated Soil (PCS). Management of the soils will be based on the material meeting the following conditions:

- 1. If the analytical results show their MTCA metals are within normal background concentrations, and there are no detectable concentrations of other contaminants in the sample, the soil that the sample represents will be designated "clean." This material may be managed as clean soil.
- 2. If the analytical results show their MTCA metals are above normal background concentrations and greater than the MTCA Method A Cleanup Levels, and the analytical results for a parameter tested positive, the soil will be managed as "PCS," at the discretion of the Consultant/Contractor.

MTCA Meth	od A Cleanup Levels for Unr	estricted Land Use
Constituent	Cleanup Level (mg/kg)	Remarks
Carcinogenic PAHs	0.1*	*Based on calculated benzo-a- pyrene equivalency – see below
MTCA metals:		
Arsenic	20	
Cadmium	2	
Chromium III	2000	
Chromium VI	19	
Lead	250	
Mercury	2	
Gasoline range organics	100	without benzene present
Gasoline range organics	30	with benzene present
Diesel range organics	2000	includes heavy oils

Source: MTCA Table 740-1

It should be noted that the calculation of carcinogenic PAHs (cPAHs) must be performed in accordance with MTCA regulations to determine whether cPAH concentrations meet MTCA level A requirements. The calculation methodology is given in Washington Administrative Code (WAC) Section 173-340-708(8), and the Toxicity Equivalence Factors (TEFs) to be used in the calculations are given in MTCA Section 173-340-900 Table 708-2 which is reproduced below:

Table 708-2
Toxicity Equivalency Factors for Minimum Required Carcinogenic Polyaromatic Hydrocarbons (cPAHs) under WAC 173-340-708(e)

CAS Number	Hazardous Substance	TEF(1)(unit less)
50-32-08	benzo[a]pyrene	1
56-55-3	benzo[a]anthracene	0.1
205-99-2	benzo[b]fluoranthene	0.1
207-08-9	benzo[k]fluoranthene	0.1
218-01-9	chrysene	0.01
53-70-3	dibenz[a,h]anthracene	0.1
193-39-5	indeno[1,2,3-cd]pyrene	0.1