

Re:

May 18, 2006

Mr. Dale Myers Coordinator for the VCP Northwest Regional Office Department of Ecology 3190 160<sup>th</sup> Ave. SE Bellevue, WA 98008-7775

RECEIVED

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**DEPT OF ECOLOGY** 

Site Assessment Completion Report

Upper Hudson Street Site 4815 15<sup>th</sup> Avenue SW Seattle, WA TCPID NW1585 SESCO Project # 3424

Dear Mr. Myers:

SESCO Group (SESCO) is pleased to provide you with the attached CKD-removal Site Assessment Completion Report. It details the site assessment performed for purposes of complying with Ecology's requests during your March 27, 2006 visit to the Site located at 4815 15<sup>th</sup> Avenue SW in Seattle, WA 98106.

SESCO excavated a total of 17 sampling pits to a depth of approximately seven (7) feet using a track-mounted excavator. The intent of the sampling pits was to determine whether any visual CKD waste material was still present at the Site. Excavation activities were conducted from April 10 through April 14, 2006. The sampling pits yielded no further areas of concern with the exception of one pit, TP-1 (See **Figure 1**), which contained CKD. This area of CKD contamination was delineated and approximately 178.18 tons of CKD was removed and disposed at the Columbia Ridge, Oregon, landfill. Confirmation samples collected from the base of the sampling pits, including the new excavated area, demonstrate that the CKD removal was effective and that contaminant levels in the remaining native soils are minimal. Furthermore, additional soil was excavated from areas of the original CKD excavation where analysis results of confirmatory samples indicated that CKD was still present (pit sampling locations S-1 and S-6).

The site assessment has demonstrated that SESCO has successfully removed all significant amounts of CKD from the Site thereby eliminating potential future risk to humans and the environment. Based on results from this removal effort, on behalf of the site owner, we conclude that the remedial objectives have been met and the risks associated with the former CKD stockpile appear to be mitigated. SESCO requests that you provide us with a status letter regarding our remedial efforts after your review of the enclosed report. Please call me at 317-347-9590 if you have any questions regarding this matter.

Respectfully Submitted,

Kerry Behnke

**Environmental Scientist** 

David G. Coles M.S., L.G.

Geochemist

DAVID G. COLES

ensed Geo

### SITE ASSESSMENT COMPLETION REPORT

### Upper Hudson Street Site 4815 SW 15<sup>th</sup> Avenue Seattle, WA 46038 TCPID NW1585

Date Issued: May 18, 2006 SESCO GROUP Project Number 3424

**Prepared By** 

Kerry Behnke



#### EXECUTIVE SUMMARY

On behalf of Mr. John M. McFarland, SESCO Group (SESCO) has completed a site assessment and further source removal of cement kiln dust (CKD) located at 4815 15<sup>th</sup> Avenue, Seattle, Washington.

Excavation activities were conducted at the Site from April 10 through April 14, 2006. Demolition Man Inc., under the supervision of SESCO, excavated 17 sampling pits approximately seven (7) feet deep to determine if further CKD contamination was located at the Site. The site assessment revealed that a small area of approximately 35 by 15 feet directly west of the former CKD stockpile area contained additional CKD material. SESCO removed this area of contamination which yielded 178.18 tons of additional CKD. The CKD-contaminated soil was transported to Waste Management's Alaska Street transfer station for final disposal at their Columbia Ridge, Oregon landfill.

Confirmation samples taken in the excavation pit sidewalls and pit bottom were submitted to North Creek Analytical Laboratory, Inc. for lead, arsenic and pH analysis.

Confirmation samples collected from the perimeter and bottom of the pit demonstrate that the excavation was effective because the contaminant levels in the confirmatory soil samples are below Model Toxics Control Act Method A Cleanup levels for lead and arsenic in soils. By removing the CKD and collecting confirmatory soil samples, it appears that SESCO has successfully eliminated a potential future risk to humans or the environment at this Site.

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#### 1.0 INTRODUCTION

SESCO Group (SESCO) has completed remedial activities under the Washington State Department of Ecology's (DOE) Voluntary Cleanup Program (VCP) for the Site located at 4815 15<sup>th</sup> Avenue SW in Seattle, Washington. This Site Assessment was requested by DOE during a March 27, 2006 site visit. The following Completion Report provides a summary and documentation of the sampling pits and further CKD excavation and confirmation sampling.

#### 1.1 SITE BACKGROUND

#### 1.1.1 SITE LOCATION AND HISTORY

This Site Assessment Completion Report has been prepared by SESCO Group on behalf of Mr. John M. McFarland for the property located at 4815 15<sup>th</sup> Avenue SW, Seattle, Washington.

The site contained stockpiled cement kiln dust (CKD) under a polyethylene sheet. Previously, a representative of SESCO provided oversight of the excavation and removal of 2,767 tons of the stockpiled CKD. This original excavation was conducted January 17 through February 2, 2006. The CKD was transported from the Site for disposal at the Waste Management landfill located in Columbia Ridge, OR.

Based on a site visit from DOE on March 27, 2006, 17 sampling pits were proposed to determine whether other hot-spots of CKD, or other waste material, were present between the SW Edmunds Street right-of-way and the on-site house. All test pits, with the exception of TP-1 (See Figure 1), contained no CKD material or other waste material. The CKD found in TP-1 was limited to a 35 by 15 foot area. Approximately 178.17 tons of CKD material was excavated and removed from the TP-1 hot spot. The CKD was transported from the Site for disposal at the Waste Management landfill located in Columbia Ridge, OR.

#### 2.0 REMEDIAL ACTION

#### 2.1 PROJECT DESCRIPTION SUMMARY

On April 10, 2006, representatives of SESCO met at the Site with Demolition Man to begin the site assessment requiring the excavation of 17 sampling pits as well as further sampling of contaminated areas located in the previous excavation. Activities were conducted on the Site from April 10, 2006 through April 14, 2006. A photographic log of excavation activities is included in Appendix A of this report. Demolition Man Inc., under the supervision of SESCO, removed additional soil from the areas of original confirmatory samples S-1 an S-6. This was necessary due to the high lead content found in these previous samples. Next, Demolition Man Inc. excavated the 17 sampling pits to a depth of approximately seven (7) feet. A soil sample was taken from the bottom of each pit and the pit was immediately refilled as a safety precaution. Sampling pit TP-1 revealed visual contamination of CKD material. The contamination was delineated in an approximately 15 by 35 foot rectangular area (see Figure 1). Approximately 178.17 tons of CKD material was excavated and stockpiled on plastic sheeting for removal as shown in Figure 1. Approximately 18 inches of native soil and fill directly under the area of CKD contamination also was removed. All soil was transported to Waste Management's Alaska Street transfer station for final disposal at their Columbia Ridge, Oregon landfill. A complete list of the waste manifests and disposal tickets is included in Appendix B.

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Confirmation soil samples were taken by the SESCO representative in the expanded CKD excavation pit sidewalls and bottom. All soil samples from the sampling pits and the expanded excavation pit were submitted to North Creek Analytical Laboratory, Inc. for lead, arsenic and pH analysis. These analytes were selected based on the CKD profile sample analysis results. Lead and arsenic were analyzed using USEPA Method SW-6020 and pH was analyzed using USEPA Method SW-150.1/9040A.

#### 2.2 REMEDIATION SYSTEM DETAILS

#### 2.2.1 EQUIPMENT USED

A track-mounted excavator was used during sampling pit and expanded-excavation activities and dump trucks were utilized for transportation of the CKD material to the Alaska Street transfer station. The expanded CKD removal activities included over-excavation to approximately 18 inches below the bottom of the visually recognizable CKD into native soil (or fill material) to insure the complete removal of the CKD. The SESCO representative was able to verify the complete removal of the CKD stockpile via visual inspection.

#### 2.2.2 DECONTAMINATION PROCEDURES

The excavated CKD material was stockpiled on plastic sheeting in order to keep soil underneath from being contaminated and then having to be removed. Trucks transporting the CKD excavated material were lined to reduce the incidence of potential spillage onto the streets. The truck loading area was next to the plastic sheeting in order to catch any spillage from the loading process.

SESCO personnel utilized a two (2) inch stainless steel hand auger to collect the confirmatory soil samples. Decontamination of the hand auger involved an Alconox wash followed by a water rinse. A new pair of disposable latex gloves was used for each sample collected.

#### 2.3 CONFIRMATION SAMPLING

#### 2.3.1 DATA COLLECTION AND EVALUATION

#### **Removal of Previous CKD Contamination**

Due to the results of the previous sampling event in the CKD pit, additional soil (one-excavator scoop) was taken from the S-1 and S-6 areas and a new confirmatory sample was taken from each of these additionally excavated areas. Of the original confirmatory soil samples taken from the bottom of the CKD removal pit, S-1 had an arsenic level above Model Toxics Control Act (MTCA) Method A levels of 20 mg/kg and S-6 had a lead content above MTCA Method A levels of 250 mg/kg. Further excavation with subsequent confirmatory sampling of these areas was performed on April 10, 2006. Soil samples S-1A and S-6A were taken from the bottom of the additional area of excavation. The soil samples were placed into laboratory supplied containers and immediately packed on ice in a cooler. Chain-of-custody forms accompanied the samples to the laboratory and can be found in **Appendix C**.

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#### **Sampling Pits**

Sampling-pit excavation activities were performed at the Site from April 10 through April 12, 2006. On April 10 through April 11, 2006, Ms. Kerry Behnke, the onsite SESCO representative, conducted confirmatory soil sampling within each of the sampling pits. Perched groundwater was encountered in TP-8 during sampling activities at approximately four (4) feet below ground surface. However, there was no contamination present. A total of one pit-bottom sample was collected from each of the 17 sampling pits (TP-1 through TP-17). Figure 1 shows the location of each confirmation soil boring.

Pit locations were set at approximately fifty-foot centers mainly between the SW Edmunds Street right-of-way and the on-site house located at the south end of the property. Each soil sample was collected from the track-mounted excavator's scoop with a new pair of disposable latex gloves. Soil samples were placed into laboratory supplied containers and immediately packed on ice in a cooler. Chain-of-custody forms accompanied the samples to the laboratory and can be found in **Appendix C**.

#### **Further CKD Removal**

TP-1 revealed that CKD was still present in an isolated area west of the original removal pit. Delineation of the CKD was conducted and shown to be in a roughly rectangular area approximately 35 by 15 feet (see Figure 1). This new area of CKD was removed along with approximately 18 inches of native soil and fill directly under the area of CKD contamination. All soil was transported to Waste Management's Alaska Street transfer station for final disposal at their Columbia Ridge, Oregon landfill. This additional CKD excavation and removal work was performed from April 12 through April 14, 2006. On April 12, 2006 four (4) confirmatory soil samples (S-A, S-B, S-C, and S-D) from the pit sidewalls and pit bottom were taken within the TP-1 CKD excavation pit. SESCO personnel utilized a two (2) inch stainless steel hand auger to collect the confirmatory soil samples from a horizon of no more than 6-inches into the base or sidewall of the excavation pit. Soil samples were placed into laboratory supplied containers and immediately packed on ice in a cooler. Chain-of-custody forms accompanied the samples to the laboratory and can be found in Appendix C.

#### 2.3.2 SAMPLE ANALYSIS RESULTS

The following laboratory was used to analyze the samples collected during the confirmation-sampling project:

North Creek Analytical 9405 SW Nimbus Avenue, Beaverton, OR 97008 (503) 906-9200

Results from the laboratory analysis were compared to the MTCA Method A Cleanup levels for soils. Laboratory results indicate that the results of:

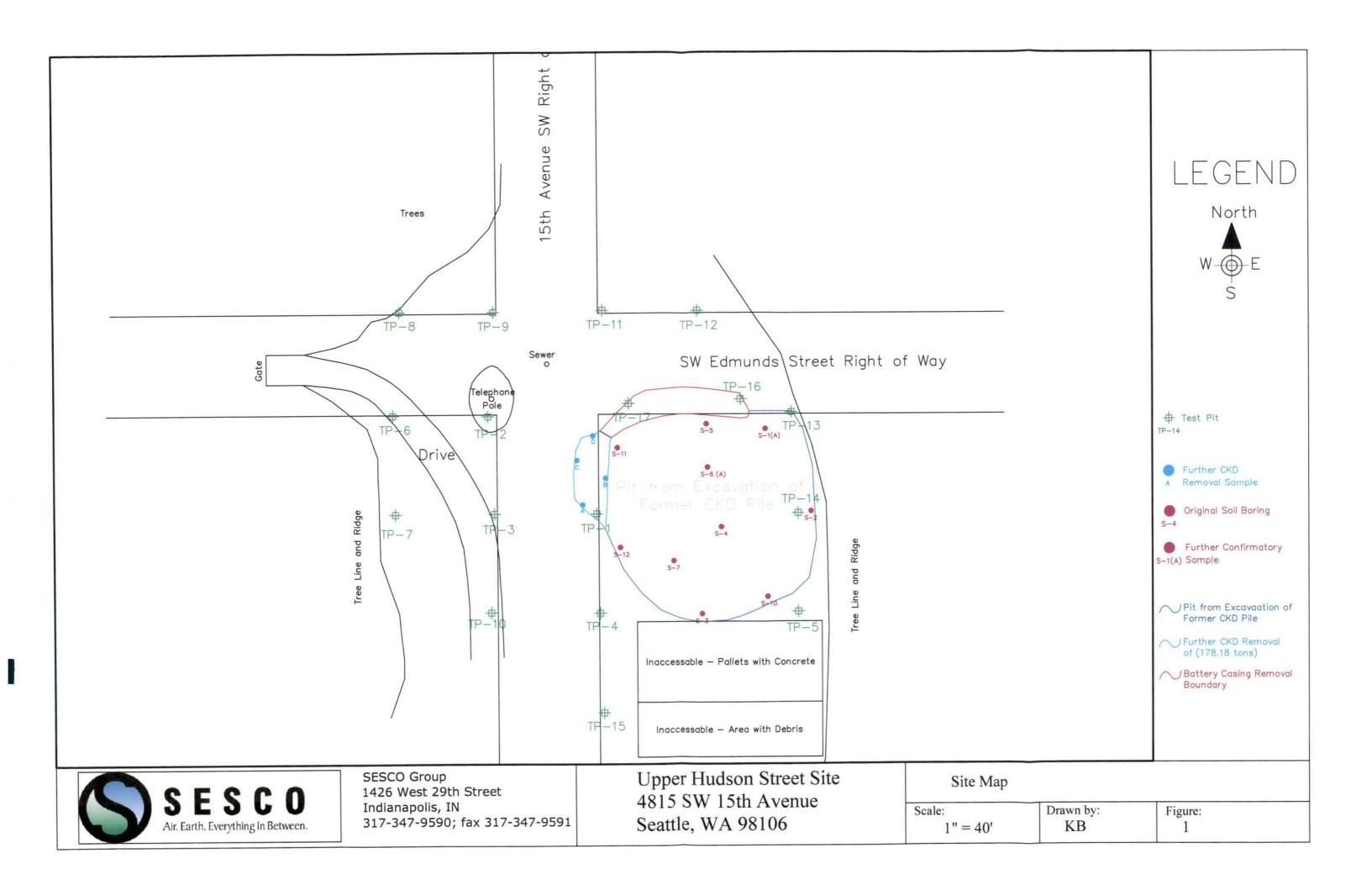
- The original CKD removal was successful. Arsenic levels are below MTCA Method A levels for sample S-1A. Lead levels are below MTCA Method A levels for S-6A.
- The 17 sampling pits were free of CKD and other waste material contamination. TP-16 shows levels of lead (1220 mg/kg) and arsenic (25.7 mg/kg) above the MTCA Method A industrial levels. TP-13 shows levels of lead (242 mg/kg) above the MTCA Method A level set for non-industrial use and arsenic (33 mg/kg) above the MTCA Method A level set for industrial use. However, these areas were located in the SW Edmunds Street right-of-way during the original CKD removal effort. The CKD was found to extend from the McFarland property into the right-of-way. Confirmatory samples were taken in the right-of-way for completeness. However, contamination within the right-of-way is not the responsibility of the property owner.
- The further CKD removal from the TP-1 area was successful. All samples show lead and arsenic levels below MTCA Method A levels.

The laboratory analytical data and chain-of-custody forms are included as **Appendix C**. The table presenting the confirmation soil sample results is included in **Table 1**.

#### 3.0 CONCLUSIONS

Confirmation samples collected from the perimeter and base of the excavation demonstrate that the excavation and removal of CKD from the McFarland property was effective and contaminant concentrations in the remaining soils are minimal and below MTCA Method A cleanup levels.

### Figures



### Tables

Table 1 – Site Assessment Confirmation Soil Sampling Data
McFarland CKD
4815 15<sup>th</sup> Avenue SW
Seattle, Washington

Constituents USEPA SW 6020 Results in mg/Kg	Lead	Arsenic	рН	Sample Date
TP-1	3.44	3.03	7.82	04/10/2006
TP-2	4.72	5.23	7.95	04/10/2006
TP-3	41.3	9.31	9.95	04/11/2006
TP-4	12.2	4.37	7.78	04/10/2006
TP-5	4.67	3.49	7.54	04/10/2006
TP-6	4.86	3.45	7.75	04/11/2006
TP-7	4.68	4.54	8.09	04/11/2006
TP-8	2.95	2.51	6.59	04/11/2006
TP-9	5.85	5.04	7.29	04/11/2006
TP-10	23.6	4.97	8.07	04/11/2006
TP-10D	7.21	4.72	8.02	04/11/2006
TP-11	2.56	2.89	6.60	04/11/2006
TP-12	35.2	3.84	6.79	04/11/2006
TP-13	242	33.0	7.09	04/11/2006
TP-14	19.4	4.40	7.63	04/11/2006
TP-15	12.2	4.12	8.20	04/11/2006
BC-1/TP-16	1220	25.7	7.15	04/10/2006
BC-4/TP-17	5.07	4.52	6.91	04/10/2006
S-1A	NA	3.16	NA	04/10/2006
S-6A	8.87	NA	NA	04/10/2006
S-A	14.0	4.93	6.89	04/12/2006
S-B	12.4	4.20	6.88	04/12/2006
S-C	28.1	6.77	6.92	04/12/2006
S-D	7.20	3.54	7.34	04/12/2006
Non Industrial	250	20	•	
Industrial	1,000	20	-	

Sample concentrations are Red if concentration exceeds Industrial levels.

Sample concentrations are Blue if concentration exceeds Non-Industrial levels.

Results shown are compared to Model Toxics Control Act Method A Cleanup levels for soils.

Duplicate sample was taken from TP-10 and is labeled TP-10D.

NA – Not Analyzed

### Appendix A

Site Photographs



Photograph #1 – View of TP-1 revealing CKD material and scraped south to determine southern boundary.



Photograph #2 – View of TP-1 showing CKD material.



Photograph #3 – View of TP-9 showing sampling pit procedure.



Photograph #4 – View of TP-8 showing groundwater encountered.



Photograph #5 – View during preparation for excavating CKD material showing plastic sheeting.



Photograph #6 – View during excavation of CKD material onto plastic sheeting.



Photograph #7 – View during excavation of CKD material.



Photograph #8 – Further removal of CKD material.



Photograph~#9-Further~removal.



Photograph #10 – View of CKD excavation nearly completed.



Photograph #11 – Excavation completed of the CKD material.



Photograph #12-View of CKD material pile to be removed from site.



Photograph #13 – Final excavated area, gray material on left (west) side of the pile is clay soil.



Photograph #14 - View of excavation area looking north.



Photograph #15 – View of excavation area looking south.



Photograph #16-View excavated area after grading to reduce erosion.



Photograph #17 - View of excavated CKD material being removed.



Photograph #18 – Further removal of CKD material.



Photograph #19 – Further removal.



Photograph #20 – Small pile of CKD material left to be removed on Friday April 14, 2006.



Photograph #21 – Final removal of CKD material after grading.

### Appendix B

Waste Management Manifests and Disposal Tickets

Waste Manifest Summary Profile #: 2723VC

<u>#</u>	<b>Date</b>	Truck#	Ticket #	Net Tons
209	4/13/2006	33	28361	11.32
210	4/13/2006	33	28387	9.60
211	4/13/2006	17	28388	12.06
212	4/13/2006	33	28391	11.26
213	4/13/2006	17	28392	15.48
214	4/13/2006	33	28394	14.04
215	4/13/2006	17	28395	14.56
216	4/13/2006	33	28397	12.66
217	4/13/2006	17	28399	13.94
218	4/13/2006	33	28400	13.08
219	4/13/2006	17	28401	14.93
220	4/13/2006	33	28403	12.71
221	4/14/2006	33	28406	12.13
222	4/14/2006	33	28411	10.41
	TOTAL			178.18

WASTE MANAGEMENT, INC.	70 S. ALASKA ST. SEATTLE WA. TRUCK ID 33D WEIGH-IN 56520 LB
Generators Name & Address:	
JOHN M. MCFARLAND	W, TARE 33880 LB
Billing: Sesco Group	NET 22640 LB NET 11.32 TON
Contact Person: Jeff Berebitsky Telephone: 503-236-8616	TIME 08=21 AM 13 APR 2006
Acknowledgement of Loading	
Name (Please Print)	Company
Signature	Date
Deliver To:	Disposal Facility:
ALASKA RELOAD & RECYCLING FACILITY 70 SOUTH ALASKA STREET SEATTLE, WASHINGTON 98134 TELEPHONE #: (206) 763-5025 MONDAY-FRIDAY 7:00AM-4:00PM	COLUMBIA RIDGE LANDFILL AND RECYCLING FACILITY 18177 CEDAR SPRINGS LANE ARLINGTON, OREGON 97812 TELEPHONE: (541) 454-2030
Transporter Name: Demolition wan Inc.	Waste Profile #: 2723VC
Demonity of the property	Waste Type: ADC
Truck#: 330	Expiration Date: 1/26/2007
Driver's Name (Please Print)	•
Driver's Signature	Date
Remarks:	

WASTE MANAGEMENT, INC.	ZO S. ALASKA ST. SEATTLE WA. TRUCK ID 33D WEIGH-IN 53100 LB
	TIME 12:29 PM 13 APR 2006
Generators Name & Address: JOHN M. MCFARLAND	GROSS 53100 LB W TARE 33900 LB MET 19200 LB NET 9.60 TOM
Billing: Sesco Group	TIME 12:29 PM 13 APR 2006
Contact Person: Jeff Berebitsky Telephone: 503-236-8616	
Acknowledgement of Loading	
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Deliver To:	Disposal Facility:
ALASKA RELOAD & RECYCLING FACILITY 70 SOUTH ALASKA STREET SEATTLE, WASHINGTON 98134 TELEPHONE #: (206) 763-5025 MONDAY-FRIDAY 7:00AM-4:00PM	COLUMBIA RIDGE LANDFILL AND RECYCLING FACILITY 18177 CEDAR SPRINGS LANE ARLINGTON, OREGON 97812 TELEPHONE: (541) 454-2030
Transporter Name: Demolition Wan Inc	Waste Profile #: 2723VC
semod a factor i = = >/(	Waste Type: ADC
Truck#: #33D	Expiration Date: 1/26/2007
Driver's Name (Please Print)	
Driver's Signature	Date
Remarks:	

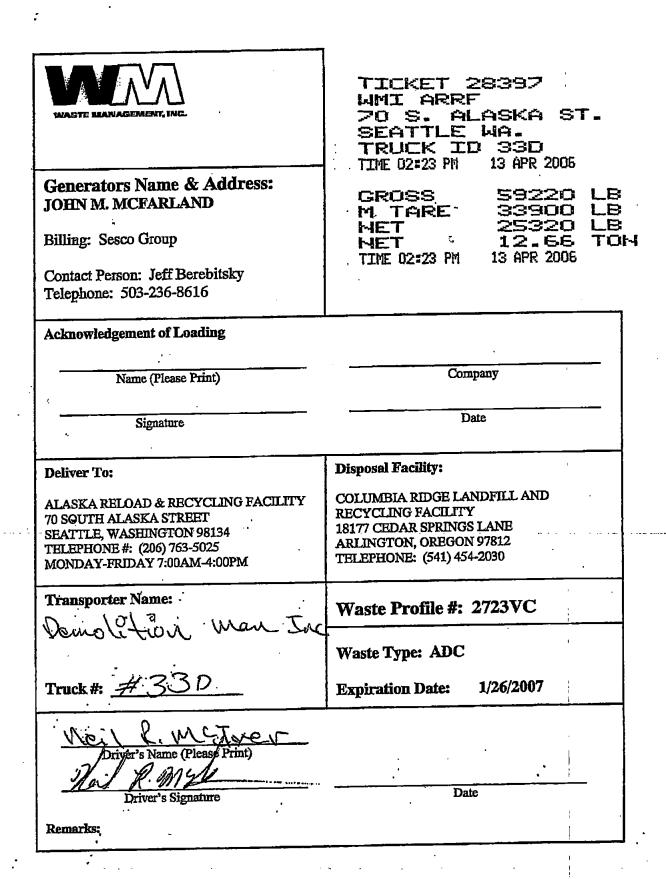
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Contact Person: Jeff Berebitsky Telephone: 503-236-8616	
Acknowledgement of Loading	
Name (Please Print)	Company
Signature	Date
Deliver To:  ALASKA RELOAD & RECYCLING FACILITY 70 SOUTH ALASKA STREET SEATTLE, WASHINGTON 98134 TELEPHONE #: (206) 763-5025 MONDAY-FRIDAY 7:00AM-4:00PM	Disposal Facility:  COLUMBIA RIDGE LANDFILL AND RECYCLING FACILITY 18177 CEDAR SPRINGS LANE ARLINGTON, OREGON 97812 TELEPHONE: (541) 454-2030
Transporter Name:	Waste Profile #: 2723VC
Demolition (du Truck#: 170	Waste Type: ADC  Expiration Date: 1/26/2007
Driver's Name (Please Print)  Driver's Signature  Remarks:	Date

WASTE MANAGEMENT, INC.	WMI ARRF  ZO S. ALASKA ST.  SEATTLE WA.  TRUCK ID 33D  TIME 01:01 PM 13 APR 2006
Generators Name & Address: JOHN M. MCFARLAND Billing: Sesco Group	GROSS 56420 LB M TARE 33900 LB MET 22520 LB MET 11.26 TOH TIME:01:01 FM 13 APR 2006
Contact Person: Jeff Berebitsky Telephone: 503-236-8616	· · · · · · · · · · · · · · · · · · ·
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Name (Please Print)	Company
Signature	Date
Deliver To:	Disposal Facility:
ALASKA RELOAD & RECYCLING FACILITY 70 SQUTH ALASKA STREET SEATTLE, WASHINGTON 98134 TELEPHONE #: (206) 763-5025 MONDAY-FRIDAY 7:00AM-4:00PM	COLUMBIA RIDGE LANDFILL AND RECYCLING FACILITY 18177 CEDAR SPRINGS LANE ARLINGTON, OREGON 97812 TELEPHONE: (541) 454-2030
Transporter Name:  Demolitari Wan Inc	Waste Profile #: 2723VC
Temo a fact	Waste Type: ADC
Truck#: #33	Expiration Date: 1/26/2007
Driver's Name (Please Print)  Driver's Signature	Date
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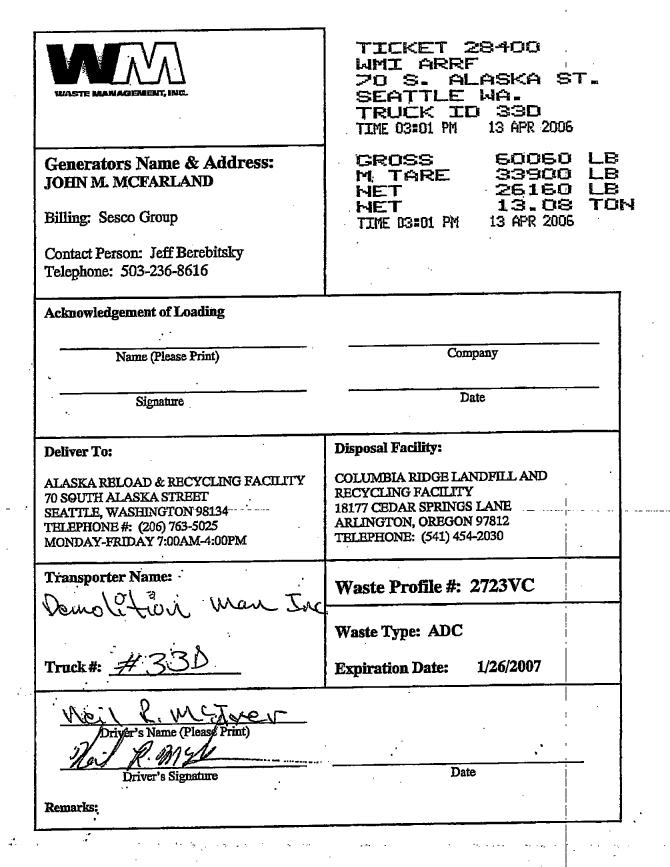
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Transporter Name: Demolition	Waste Profile #: 2723VC
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Driver's Signature Remarks:	

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Signature	Date
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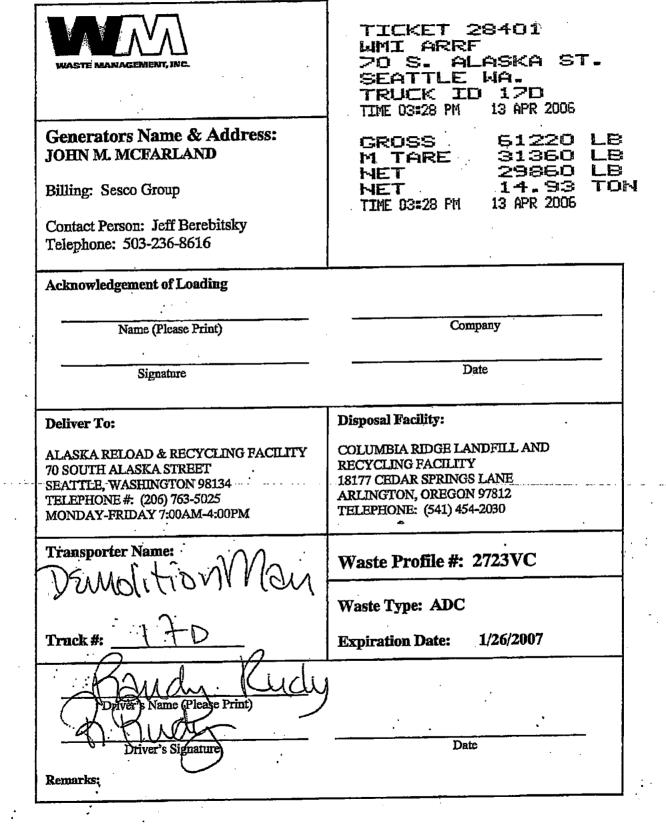
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Signature	Date
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ALASKA RELOAD & RECYCLING FACILITY 70 SOUTH ALASKA STREET SEATTLE, WASHINGTON 98134 TELEPHONE #: (206) 763-5025 MONDAY-FRIDAY 7:00AM-4:00PM	COLUMBIA RIDGE LANDFILL AND RECYCLING FACILITY 18177 CEDAR SPRINGS LANE ARLINGTON, OREGON 97812 TELEPHONE: (541) 454-2030
Transporter Name: DEMOLITION OM	Waste Profile #: 2723VC
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Truck#:	Expiration Date: 1/26/2007
Driver's Name (Please Print)	
Driver's Signature	Date
Remarks	·



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Acknowledgement of Loading  Name (Please Print)	Company
Signature	Date
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Transporter Name: DEMOLITION OU	Waste Profile #: 2723VC
Truck#: 70	Waste Type: ADC  Expiration Date: 1/26/2007
Driver's Name (Please Print)  Driver's Signature  Remarks:	Date



## BILL OF LADING/SCALE TICKET



Generators Name & Address: JOHN M. MCFARLAND  Billing: Sesco Group  Contact Person: Jeff Berebitsky Telephone: 503-236-8616	TICKET 28403 WMI ARRF 70 S. ALASKA ST. SEATTLE WA. TRUCK ID 33D TIME 03:46 PM 13 APR 2006  GROSS 59320 LB M. TARE 33900 LB NET 25420 LB NET 12.71 TON TIME 03:46 PM 13 APR 2006
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Name (Please Print)	Company
Signature	Date
Deliver To:  ALASKA RELOAD & RECYCLING FACILITY 70 SQUTH ALASKA STREET SEATTLE, WASHINGTON 98134 TELEPHONE #: (206) 763-5025 MONDAY-FRIDAY 7:00AM-4:00PM	Disposal Facility:  COLUMBIA RIDGE LANDFILL AND RECYCLING FACILITY 18177 CEDAR SPRINGS LANE ARLINGTON, OREGON 97812 TELEPHONE: (541) 454-2030
Transporter Name:	Waste Profile #: 2723VC
somo a Land	Waste Type: ADC
Truck#: #330	Expiration Date: 1/26/2007
Driver's Signature	Date
Remarks	

## BILL OF LADING/SCALE TICKET

Waste Management, Inc.	SEATTLE WA. TRUCK ID 33D TIME 08:38 AM 14 APR 2006
Generators Name & Address: JOHN M. MCFARLAND	GROSS 58160 LB M TARE 33900 LB NET 24260 LB NET 12.13 TOM
Billing: Sesco Group	TIME 08:38 AM 14 APR 2006
Contact Person: Jeff Berebitsky Telephone: 503-236-8616	
Acknowledgement of Loading	·
Name (Please Print)	Company
Signature	Date
Deliver To:	Disposal Facility:
ALASKA RELOAD & RECYCLING FACILITY 70 SOUTH ALASKA STREET SEATTLE, WASHINGTON 98134 TELEPHONE #: (206) 763-5025 MONDAY-FRIDAY 7:00AM-4:00PM	COLUMBIA RIDGE LANDFILL AND RECYCLING FACILITY 18177 CEDAR SPRINGS LANE ARLINGTON, OREGON 97812 TELEPHONE: (541) 454–2030
Transporter Name:  Demolition wan Jul.	Waste Profile #: 2723VC
	Waste Type: ADC
Truck#: 330	Expiration Date: 1/26/2007
Driver's Name (Please Print)	
Driver's Signature	Date
Remarks:	

# BILL OF LADING/SCALE TICKET

WASTE MANAGEMENT, INC.	70 S. ALASKA ST. SEATTLE WA. TRUCK ID 33D TIME 09:38 AM 14 APR 2006
Generators Name & Address: JOHN M. MCFARLAND	GROSS 54720 LB M. TARE 33900 LB MET 20820 LB MET 10.41 TON TIME 09:38 AM 14 APR 2006
Billing: Sesco Group	
Contact Person: Jeff Berebitsky Telephone: 503-236-8616	
Acknowledgement of Loading	, ,
Name (Please Print)	Company
Signature	Date
Deliver To:	Disposal Facility:
ALASKA RELOAD & RECYCLING FACILITY 70 SOUTH ALASKA STREET SEATTLE, WASHINGTON 98134 TELEPHONE #: (206) 763-5025 MONDAY-FRIDAY 7:00AM-4:00PM	COLUMBIA RIDGE LANDFILL AND RECYCLING FACILITY 18177 CEDAR SPRINGS LANE ARLINGTON, OREGON 97812 TELEPHONE: (541) 454-2030
Transporter Name:  Demolition wan Inc.	Waste Profile #: 2723VC
	Waste Type: ADC
Truck#: 330	Expiration Date: 1/26/2007
Driver's Name (Please Print)	
Driver's Signature	Date
Remarks:	

## Appendix C

Chain-of-Custody Documentation and Laboratory Analysis



Spokane

Portland

Bend

11720 North Creek Pkwy N, Suite 400, Bothell, WA 9011-8244
425.420.9200 fax 425.420.9210
East 11115 Montgomery, Suite B, Spokane, WA 9206-4776
509.924.9200 fax 509.924.9290
9405 SW Nimbus Avenue, Baverton, OR 97008-7132
503.906.9200 fax 503.906.9210
20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588
2000 W International Airport Road, Suite A-10, Anchorage, AK 9502-1119
907.563.9200 fax 907.563.9210 Anchorage

26 April 2006

Kerry Behnke SESCO Goup 5704 N Montana Ave. Portland, OR/USA 97217

RE: M&Farland

Enclosed are theresults of analyses for samples received by the laboratory on 64/13/06 10:50. If you have any questions concerning this report, please fee free to contact me

Sincerely,

Kortland ... Or.

PM



Spokane

Portland

11720 North Creek Pkwy N, Suite 400, Bithell, WA \$011-8244 425.420.9200 fax 425.420.9210 11922 E. 1st Avenue, Spokane Valley, WA \$9206-5302 509.924.9290 fax 509.924.9290 9405 SW Ninbus Avenue, Beaverton, OR 97008-7132 503.906.9200 fax 503.906.9210 20332 Empire Avenue, Silte F-1, Bend, OR 97701-5711 541.383.9310 fax 541.382.7588 2000 W International Airport Road. Suite A-10, Anchorage, AK 9200 M International Airport Road. Suite A-10, Anchorage, AK 9200 W International Airport Road.

Bend

Anchorage

2000 W International Airport Road, Suite A-10, Anchorage, AK 9502-1119 907.563.9200 fax 907.563.9210

SESCO Group 5704 N.Montana Ave. Portland, ORUSA 9727 Project: McFarland

Project Number: 3424 Project Manager: Kerry Banke

Reported: 04/26/06 16:34

#### ANALYTICAL REPORT FOR SAMPLES

S-IA         BPD0334-01         Soil         04/10/06         07:30         04/13/06         10:50           S-6A         BPD0334-02         Soil         04/10/06         11:05         04/13/06         10:50           BC-1/TP-16         BPD0334-03         Soil         04/10/06         11:05         04/13/06         10:50           BC-2         BPD0334-05         Soil         04/10/06         11:25         04/13/06         10:50           BC-3         BPD0334-07         Soil         04/10/06         11:25         04/13/06         10:50           BC-4/TP-17         BPD0334-07         Soil         04/10/06         11:35         04/13/06         10:50           BC-5         BPD0334-07         Soil         04/10/06         11:40         04/13/06         10:50           BC-6         BPD0334-09         Soil         04/10/06         11:50         04/13/06         10:50           BC-7         BPD0334-10         Soil         04/10/06         12:50         04/13/06         10:50           BC-9         BPD0334-11         Soil         04/10/06         13:00         04/13/06         10:50           BC-10         BPD0334-12         Soil         04/10/06         13:45 <td< th=""><th>Sample ID</th><th>Laboratory ID</th><th>Matrix</th><th>Date Sampled</th><th>Date Received</th></td<>	Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BC-17TP-16         BPD0334-03         Soil         04/10/06         11:05         04/13/06         10:05           BC-2         BPD0334-04         Soil         04/10/06         11:15         04/13/06         10:05           BC-3         BPD0334-05         Soil         04/10/06         11:25         04/13/06         10:05           BC-47TP-17         BPD0334-06         Soil         04/10/06         11:30         04/13/06         10:05           BC-5         BPD0334-07         Soil         04/10/06         11:35         04/13/06         10:50           BC-6         BPD0334-09         Soil         04/10/06         11:50         04/13/06         10:50           BC-7         BPD0334-11         Soil         04/10/06         11:50         04/13/06         10:50           BC-9         BPD0334-12         Soil         04/10/06         13:50         04/13/06         10:50           BC-10         BPD0334-12         Soil         04/10/06         13:50         04/13/06         10:50           TP-1         BPD0334-12         Soil         04/10/06         13:45         04/13/06         10:50           TP-2         BPD0334-12         Soil         04/10/06         13:45 <td< td=""><td>S-1A</td><td>BPD0334-01</td><td>Soil</td><td>04/10/06 07:30</td><td>04/13/06 10:50</td></td<>	S-1A	BPD0334-01	Soil	04/10/06 07:30	04/13/06 10:50
BC-2         BPD0334-04         Soil         04/10/06         11:15         04/13/06         10:50           BC-3         BPD0334-05         Soil         04/10/06         11:25         04/13/06         10:50           BC-4/TP-17         BPD0334-06         Soil         04/10/06         11:30         04/13/06         10:50           BC-5         BPD0334-07         Soil         04/10/06         11:30         04/13/06         10:50           BC-6         BPD0334-08         Soil         04/10/06         11:30         04/13/06         10:50           BC-7         BPD0334-09         Soil         04/10/06         11:00         04/13/06         10:50           BC-8         BPD0334-10         Soil         04/10/06         13:00         04/13/06         10:50           BC-9         BPD0334-11         Soil         04/10/06         13:10         04/13/06         10:50           BC-10         BPD0334-12         Soil         04/10/06         13:10         04/13/06         10:50           TP-1         BPD0334-13         Soil         04/10/06         13:45         04/13/06         10:50           TP-2         BPD0334-12         Soil         04/10/06         14:45         04/13	S-6A	BPD0334-02	Soil	04/10/06 07:45	04/13/06 10:50
BC-3         BPD0334-05         Soil         04/10/06         11:25         04/13/06         10:0           BC-4/TP-17         BPD0334-06         Soil         04/10/06         11:30         04/13/06         10:0           BC-5         BPD0334-07         Soil         04/10/06         11:35         04/13/06         10:50           BC-6         BPD0334-08         Soil         04/10/06         11:40         04/13/06         10:50           BC-7         BPD0334-09         Soil         04/10/06         11:50         04/13/06         10:50           BC-8         BPD0334-10         Soil         04/10/06         12:00         04/13/06         10:50           BC-9         BPD0334-11         Soil         04/10/06         13:00         04/13/06         10:50           BC-10         BPD0334-12         Soil         04/10/06         13:10         04/13/06         10:50           BC-10 D         BPD0334-13         Soil         04/10/06         13:40         04/13/06         10:50           TP-1         BPD0334-15         Soil         04/10/06         14:40         04/13/06         10:50           TP-2         BPD0334-16         Soil         04/10/06         14:45         04/1	BC-1/TP-16	BPD0334-03	Soil	04/10/06 11:05	04/13/06 10:50
BC-4/TP-17         BPD0334-06         Soil         04/10/06         11:30         04/13/06         10:30           BC-5         BPD0334-07         Soil         04/10/06         11:35         04/13/06         10:50           BC-6         BPD0334-08         Soil         04/10/06         11:40         04/13/06         10:50           BC-7         BPD0334-09         Soil         04/10/06         11:50         04/13/06         10:50           BC-8         BPD0334-10         Soil         04/10/06         13:00         04/13/06         10:50           BC-9         BPD0334-11         Soil         04/10/06         13:10         04/13/06         10:50           BC-10         BPD0334-12         Soil         04/10/06         13:10         04/13/06         10:50           BC-10 D         BPD0334-12         Soil         04/10/06         13:10         04/13/06         10:50           TP-1         BPD0334-12         Soil         04/10/06         13:45         04/13/06         10:50           TP-2         BPD0334-13         Soil         04/10/06         13:45         04/13/06         10:50           TP-2         BPD0334-12         Soil         04/10/06         14:45         04	BC-2	BPD0334-04	Soil	04/10/06 11:15	04/13/06 10:50
BC-5         BPD0334-07         Soil         04/10/06 11:35         04/13/06 10:50           BC-6         BPD0334-08         Soil         04/10/06 11:40         04/13/06 10:50           BC-7         BPD0334-09         Soil         04/10/06 11:50         04/13/06 10:50           BC-8         BPD0334-10         Soil         04/10/06 12:00         04/13/06 10:50           BC-9         BPD0334-11         Soil         04/10/06 13:10         04/13/06 10:50           BC-10         BPD0334-12         Soil         04/10/06 13:10         04/13/06 10:50           BC-10 D         BPD0334-13         Soil         04/10/06 13:10         04/13/06 10:50           TP-1         BPD0334-13         Soil         04/10/06 13:45         04/13/06 10:50           TP-2         BPD0334-15         Soil         04/10/06 14:40         04/13/06 10:50           TP-3         BPD0334-17         Soil         04/10/06 14:45         04/13/06 10:50           TP-3         BPD0334-18         Soil         04/11/06 09:00         04/13/06 10:50           TP-3         BPD0334-19         Soil         04/11/06 09:00         04/13/06 10:50           TP-3         BPD0334-20         Soil         04/11/06 09:00         04/13/06 10:50           TP-1	BC-3	BPD0334-05	Soil	04/10/06 11:25	04/13/06 10:50
BC-6         BPD0334-08         Soil         04/10/06         11:40         04/13/06         10:50           BC-7         BPD0334-09         Soil         04/10/06         11:50         04/13/06         10:50           BC-8         BPD0334-10         Soil         04/10/06         12:00         04/13/06         10:50           BC-9         BPD0334-11         Soil         04/10/06         13:10         04/13/06         10:50           BC-10         BPD0334-12         Soil         04/10/06         13:10         04/13/06         10:50           BC-10 D         BPD0334-13         Soil         04/10/06         13:10         04/13/06         10:50           TP-1         BPD0334-14         Soil         04/10/06         13:45         04/13/06         10:50           TP-2         BPD0334-15         Soil         04/10/06         14:30         04/13/06         10:50           TP-3         BPD0334-16         Soil         04/10/06         14:45         04/13/06         10:50           TP-3         BPD0334-18         Soil         04/11/06         99:30         04/13/06         10:50           TP-4         BPD0334-29         Soil         04/11/06         10:50         04/13/06	BC-4/TP-17	BPD0334-06	Soil	04/10/06 11:30	04/13/06 10:50
BC-7         BFD0334-09         Soil         04/10/6 11:50         04/13/06 10:50           BC-8         BFD0334-10         Soil         04/10/6 12:00         04/13/06 10:50           BC-9         BFD0334-11         Soil         04/10/6 13:05         04/13/06 10:50           BC-10         BPD0334-12         Soil         04/10/06 13:10         04/13/06 10:50           BC-10 D         BPD0334-13         Soil         04/10/06 13:10         04/13/06 10:50           TP-1         BPD0334-13         Soil         04/10/06 13:45         04/13/06 10:50           TP-2         BPD0334-13         Soil         04/10/06 13:45         04/13/06 10:50           TP-2         BPD0334-13         Soil         04/10/06 14:00         04/13/06 10:50           TP-2         BPD0334-13         Soil         04/10/06 14:30         04/13/06 10:50           TP-4         BPD0334-13         Soil         04/10/06 14:30         04/13/06 10:50           TP-3         BPD0334-13         Soil         04/10/06 14:45         04/13/06 10:50           TP-3         BPD0334-13         Soil         04/11/06 10:00         04/13/06 10:50           TP-4         BPD0334-13         Soil         04/11/06 10:00         04/13/06 10:50           TP-8 <td>BC-5</td> <td>BPD0334-07</td> <td>Soil</td> <td>04/10/06 11:35</td> <td>04/13/06 10:50</td>	BC-5	BPD0334-07	Soil	04/10/06 11:35	04/13/06 10:50
BC-8       BPD0334-10       Soil       04/10/06       12:00       04/13/06       10:50         BC-9       BPD0334-11       Soil       04/10/06       13:05       04/13/06       10:50         BC-10       BPD0334-12       Soil       04/10/06       13:10       04/13/06       10:50         BC-10 D       BPD0334-13       Soil       04/10/06       13:10       04/13/06       10:50         TP-1       BPD0334-14       Soil       04/10/06       13:45       04/13/06       10:50         TP-2       BPD0334-15       Soil       04/10/06       14:30       04/13/06       10:50         TP-4       BPD0334-16       Soil       04/10/06       14:30       04/13/06       10:50         TP-5       BPD0334-17       Soil       04/10/06       14:45       04/13/06       10:50         TP-3       BPD0334-18       Soil       04/11/06       09:00       04/13/06       10:50         TP-6       BPD0334-19       Soil       04/11/06       09:00       04/13/06       10:50         TP-7       BPD0334-21       Soil       04/11/06       09:00       04/13/06       10:50         TP-9       BPD0334-22       Soil       04/11/06	BC-6	BPD0334-08	Soil	04/10/06 11:40	04/13/06 10:50
BC-9         BPD0334-11         Soil         04/10/06         13:05         04/13/06         10:50           BC-10         BPD0334-12         Soil         04/10/06         13:10         04/13/06         10:50           BC-10 D         BPD0334-13         Soil         04/10/06         13:10         04/13/06         10:50           TP-1         BPD0334-14         Soil         04/10/06         13:45         04/13/06         10:50           TP-2         BPD0334-15         Soil         04/10/06         14:00         04/13/06         10:50           TP-4         BPD0334-16         Soil         04/10/06         14:45         04/13/06         10:50           TP-3         BPD0334-18         Soil         04/11/06         09:00         04/13/06         10:50           TP-6         BPD0334-19         Soil         04/11/06         09:30         04/13/06         10:50           TP-7         BPD0334-20         Soil         04/11/06         09:30         04/13/06         10:50           TP-10         BPD0334-22         Soil         04/11/06         10:30         04/13/06         10:50           TP-10 D         BPD0334-23         Soil         04/11/06         10:30         04/1	BC-7	BPD0334-09	Soil	04/10/06 11:50	04/13/06 10:50
BC-10         BPD0334-12         Soil         04/10/06         13:10         04/13/06         10:50           BC-10 D         BPD0334-13         Soil         04/10/06         13:10         04/13/06         10:50           TP-1         BPD0334-14         Soil         04/10/06         13:45         04/13/06         10:50           TP-2         BPD0334-15         Soil         04/10/06         14:00         04/13/06         10:50           TP-4         BPD0334-16         Soil         04/10/06         14:30         04/13/06         10:50           TP-5         BPD0334-17         Soil         04/10/06         14:45         04/13/06         10:50           TP-3         BPD0334-18         Soil         04/11/06         09:00         04/13/06         10:50           TP-6         BPD0334-19         Soil         04/11/06         09:30         04/13/06         10:50           TP-7         BPD0334-20         Soil         04/11/06         09:45         04/13/06         10:50           TP-8         BPD0334-21         Soil         04/11/06         10:30         04/13/06         10:50           TP-10         BPD0334-22         Soil         04/11/06         10:30         04/13/0	BC-8	BPD0334-10	Soil	04/10/06 12:00	04/13/06 10:50
BC-10 D         BPD0334-13         Soil         04/10/06 13:10         04/13/06 10:50           TP-1         BPD0334-14         Soil         04/10/06 13:45         04/13/06 10:50           TP-2         BPD0334-15         Soil         04/10/06 14:00         04/13/06 10:50           TP-4         BPD0334-16         Soil         04/10/06 14:45         04/13/06 10:50           TP-5         BPD0334-17         Soil         04/11/06 09:00         04/13/06 10:50           TP-3         BPD0334-18         Soil         04/11/06 09:00         04/13/06 10:50           TP-6         BPD0334-19         Soil         04/11/06 09:00         04/13/06 10:50           TP-7         BPD0334-20         Soil         04/11/06 09:45         04/13/06 10:50           TP-8         BPD0334-21         Soil         04/11/06 09:45         04/13/06 10:50           TP-9         BPD0334-22         Soil         04/11/06 10:30         04/13/06 10:50           TP-10         BPD0334-24         Soil         04/11/06 10:30         04/13/06 10:50           TP-11         BPD0334-25         Soil         04/11/06 11:30         04/13/06 10:50           TP-12         BPD0334-26         Soil         04/11/06 11:15         04/13/06 10:50           TP	BC-9	BPD0334-11	Soil	04/10/06 13:05	04/13/06 10:50
TP-1         BPD0334-14         Soil         04/10/06         13:45         04/13/06         10:50           TP-2         BPD0334-15         Soil         04/10/06         14:00         04/13/06         10:50           TP-4         BPD0334-16         Soil         04/10/06         14:30         04/13/06         10:50           TP-5         BPD0334-17         Soil         04/10/06         14:45         04/13/06         10:50           TP-3         BPD0334-18         Soil         04/11/06         09:00         04/13/06         10:50           TP-6         BPD0334-19         Soil         04/11/06         09:30         04/13/06         10:50           TP-7         BPD0334-20         Soil         04/11/06         09:45         04/13/06         10:50           TP-8         BPD0334-21         Soil         04/11/06         10:15         04/13/06         10:50           TP-9         BPD0334-22         Soil         04/11/06         10:15         04/13/06         10:50           TP-10         BPD0334-23         Soil         04/11/06         10:30         04/13/06         10:50           TP-10 D         BPD0334-26         Soil         04/11/06         11:05         04/13/06	BC-10	BPD0334-12	Soil	04/10/06 13:10	04/13/06 10:50
TP-2       BPD0334-15       Soil       04/10/06 14:00       04/13/06 10:50         TP-4       BPD0334-16       Soil       04/10/06 14:30       04/13/06 10:50         TP-5       BPD0334-17       Soil       04/10/06 14:45       04/13/06 10:50         TP-3       BPD0334-18       Soil       04/11/06 09:00       04/13/06 10:50         TP-6       BPD0334-19       Soil       04/11/06 09:30       04/13/06 10:50         TP-7       BPD0334-20       Soil       04/11/06 09:45       04/13/06 10:50         TP-8       BPD0334-21       Soil       04/11/06 10:00       04/13/06 10:50         TP-9       BPD0334-22       Soil       04/11/06 10:15       04/13/06 10:50         TP-10       BPD0334-23       Soil       04/11/06 10:30       04/13/06 10:50         TP-11       BPD0334-24       Soil       04/11/06 11:00       04/13/06 10:50         TP-12       BPD0334-25       Soil       04/11/06 11:15       04/13/06 10:50         TP-13       BPD0334-27       Soil       04/11/06 11:30       04/13/06 10:50         TP-14       BPD0334-28       Soil       04/11/06 11:30       04/13/06 10:50	BC-10 D	BPD0334-13	Soil	04/10/06 13:10	04/13/06 10:50
TP-4       BPD0334-16       Soil       04/10/06       14:30       04/13/06       10:50         TP-5       BPD0334-17       Soil       04/10/06       14:45       04/13/06       10:50         TP-3       BPD0334-18       Soil       04/11/06       09:00       04/13/06       10:50         TP-6       BPD0334-19       Soil       04/11/06       09:30       04/13/06       10:50         TP-7       BPD0334-20       Soil       04/11/06       09:45       04/13/06       10:50         TP-8       BPD0334-21       Soil       04/11/06       10:00       04/13/06       10:50         TP-9       BPD0334-22       Soil       04/11/06       10:15       04/13/06       10:50         TP-10       BPD0334-23       Soil       04/11/06       10:30       04/13/06       10:50         TP-11       BPD0334-25       Soil       04/11/06       11:00       04/13/06       10:50         TP-12       BPD0334-26       Soil       04/11/06       11:15       04/13/06       10:50         TP-13       BPD0334-27       Soil       04/11/06       11:30       04/13/06       10:50         TP-14       BPD0334-28       Soil       04/11/06	TP-1	BPD0334-14	Soil	04/10/06 13:45	04/13/06 10:50
TP-5       BPD0334-17       Soil       04/10/06 14:45       04/13/06 10:50         TP-3       BPD0334-18       Soil       04/11/06 09:00       04/13/06 10:50         TP-6       BPD0334-19       Soil       04/11/06 09:30       04/13/06 10:50         TP-7       BPD0334-20       Soil       04/11/06 09:45       04/13/06 10:50         TP-8       BPD0334-21       Soil       04/11/06 10:00       04/13/06 10:50         TP-9       BPD0334-22       Soil       04/11/06 10:15       04/13/06 10:50         TP-10       BPD0334-23       Soil       04/11/06 10:30       04/13/06 10:50         TP-11       BPD0334-25       Soil       04/11/06 10:30       04/13/06 10:50         TP-12       BPD0334-26       Soil       04/11/06 11:15       04/13/06 10:50         TP-13       BPD0334-27       Soil       04/11/06 11:30       04/13/06 10:50         TP-14       BPD0334-28       Soil       04/11/06 11:30       04/13/06 10:50	TP-2	BPD0334-15	Soil	04/10/06 14:00	04/13/06 10:50
TP-3       BPD0334-18       Soil       04/11/06 09:00       04/13/06 10:50         TP-6       BPD0334-19       Soil       04/11/06 09:30       04/13/06 10:50         TP-7       BPD0334-20       Soil       04/11/06 09:45       04/13/06 10:50         TP-8       BPD0334-21       Soil       04/11/06 10:00       04/13/06 10:50         TP-9       BPD0334-22       Soil       04/11/06 10:15       04/13/06 10:50         TP-10       BPD0334-23       Soil       04/11/06 10:30       04/13/06 10:50         TP-10 D       BPD0334-24       Soil       04/11/06 10:30       04/13/06 10:50         TP-11       BPD0334-25       Soil       04/11/06 11:00       04/13/06 10:50         TP-12       BPD0334-26       Soil       04/11/06 11:10       04/13/06 10:50         TP-13       BPD0334-27       Soil       04/11/06 11:30       04/13/06 10:50         TP-14       BPD0334-28       Soil       04/11/06 12:00       04/13/06 10:50	TP-4	BPD0334-16	Soil	04/10/06 14:30	04/13/06 10:50
TP-6       BPD0334-19       Soil       04/11/06 09:30 04/13/06 10:50         TP-7       BPD0334-20       Soil 04/11/06 09:45 04/13/06 10:50         TP-8       BPD0334-21       Soil 04/11/06 10:00 04/13/06 10:50         TP-9       BPD0334-22       Soil 04/11/06 10:15 04/13/06 10:50         TP-10       BPD0334-23       Soil 04/11/06 10:30 04/13/06 10:50         TP-10 D       BPD0334-24       Soil 04/11/06 10:30 04/13/06 10:50         TP-11       BPD0334-25       Soil 04/11/06 11:00 04/13/06 10:50         TP-12       BPD0334-26       Soil 04/11/06 11:15 04/13/06 10:50         TP-13       BPD0334-27       Soil 04/11/06 11:30 04/13/06 10:50         TP-14       BPD0334-28       Soil 04/11/06 12:00 04/13/06 10:50	TP-5	BPD0334-17	Soil	04/10/06 14:45	04/13/06 10:50
TP-7       BPD0334-20       Soil       04/11/06 09:45       04/13/06 10:50         TP-8       BPD0334-21       Soil       04/11/06 10:00       04/13/06 10:50         TP-9       BPD0334-22       Soil       04/11/06 10:15       04/13/06 10:50         TP-10       BPD0334-23       Soil       04/11/06 10:30       04/13/06 10:50         TP-10 D       BPD0334-24       Soil       04/11/06 11:00       04/13/06 10:50         TP-11       BPD0334-25       Soil       04/11/06 11:15       04/13/06 10:50         TP-12       BPD0334-26       Soil       04/11/06 11:30       04/13/06 10:50         TP-13       BPD0334-27       Soil       04/11/06 11:30       04/13/06 10:50         TP-14       BPD0334-28       Soil       04/11/06 12:00       04/13/06 10:50	TP-3	BPD0334-18	Soil	04/11/06 09:00	04/13/06 10:50
TP-8       BPD0334-21       Soil       04/11/06 10:00       04/13/06 10:50         TP-9       BPD0334-22       Soil       04/11/06 10:15       04/13/06 10:50         TP-10       BPD0334-23       Soil       04/11/06 10:30       04/13/06 10:50         TP-10 D       BPD0334-24       Soil       04/11/06 10:30       04/13/06 10:50         TP-11       BPD0334-25       Soil       04/11/06 11:00       04/13/06 10:50         TP-12       BPD0334-26       Soil       04/11/06 11:30       04/13/06 10:50         TP-13       BPD0334-27       Soil       04/11/06 11:30       04/13/06 10:50         TP-14       BPD0334-28       Soil       04/11/06 12:00       04/13/06 10:50	TP-6	BPD0334-19	Soil	04/11/06 09:30	04/13/06 10:50
TP-9       BPD0334-22       Soil       04/11/06       10:15       04/13/06       10:50         TP-10       BPD0334-23       Soil       04/11/06       10:30       04/13/06       10:50         TP-10 D       BPD0334-24       Soil       04/11/06       10:30       04/13/06       10:50         TP-11       BPD0334-25       Soil       04/11/06       11:00       04/13/06       10:50         TP-12       BPD0334-26       Soil       04/11/06       11:15       04/13/06       10:50         TP-13       BPD0334-27       Soil       04/11/06       11:30       04/13/06       10:50         TP-14       BPD0334-28       Soil       04/11/06       12:00       04/13/06       10:50	TP-7	BPD0334-20	Soil	04/11/06 09:45	04/13/06 10:50
TP-10       BPD0334-23       Soil       04/11/06 10:30       04/13/06 10:50         TP-10 D       BPD0334-24       Soil       04/11/06 10:30       04/13/06 10:50         TP-11       BPD0334-25       Soil       04/11/06 11:00       04/13/06 10:50         TP-12       BPD0334-26       Soil       04/11/06 11:15       04/13/06 10:50         TP-13       BPD0334-27       Soil       04/11/06 11:30       04/13/06 10:50         TP-14       BPD0334-28       Soil       04/11/06 12:00       04/13/06 10:50	TP-8	BPD0334-21	Soil	04/11/06 10:00	04/13/06 10:50
TP-10 D       BPD0334-24       Soil       04/11/06 10:30       04/13/06 10:50         TP-11       BPD0334-25       Soil       04/11/06 11:00       04/13/06 10:50         TP-12       BPD0334-26       Soil       04/11/06 11:15       04/13/06 10:50         TP-13       BPD0334-27       Soil       04/11/06 11:30       04/13/06 10:50         TP-14       BPD0334-28       Soil       04/11/06 12:00       04/13/06 10:50	TP-9	BPD0334-22	Soil	04/11/06 10:15	04/13/06 10:50
TP-11       BPD0334-25       Soil       04/11/06 11:00 04/13/06 10:50         TP-12       BPD0334-26       Soil 04/11/06 11:15 04/13/06 10:50         TP-13       BPD0334-27       Soil 04/11/06 11:30 04/13/06 10:50         TP-14       BPD0334-28       Soil 04/11/06 12:00 04/13/06 10:50	TP-10	BPD0334-23	Soil	04/11/06 10:30	04/13/06 10:50
TP-12       BPD0334-26       Soil       04/11/06 11:15       04/13/06 10:50         TP-13       BPD0334-27       Soil       04/11/06 11:30       04/13/06 10:50         TP-14       BPD0334-28       Soil       04/11/06 12:00       04/13/06 10:50	TP-10 D	BPD0334-24	Soil	04/11/06 10:30	04/13/06 10:50
TP-13       BPD0334-27       Soil       04/11/06 11:30       04/13/06 10:50         TP-14       BPD0334-28       Soil       04/11/06 12:00       04/13/06 10:50	TP-11	BPD0334-25	Soil	04/11/06 11:00	04/13/06 10:50
TP-14 BPD0334-28 Soil 04/11/06 12:00 04/13/06 10:50	TP-12	BPD0334-26	Soil	04/11/06 11:15	04/13/06 10:50
	TP-13	BPD0334-27	Soil	04/11/06 11:30	04/13/06 10:50
TP-15 BPD0334-29 Soil 04/11/06 12:05 04/13/06 10:50	TP-14	BPD0334-28	Soil	04/11/06 12:00	04/13/06 10:50
	TP-15	BPD0334-29	Soil	04/11/06 12:05	04/13/06 10:50

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Spokane

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SESCO Group

5704 N.Montana Ave. Portland, ORUSA 9727 Project: McFarland

Project Number: 3424

Reported:

Project Manager: Kerry Banke

04/26/06 16:34

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received		
<u></u>	•					
S-A	BPD0334-30	Soil	04/12/06 14:10	04/13/06 10:50		
S-B	BPD0334-31	Soil	04/12/06 14:15	04/13/06 10:50		
•	DDD 000 4 00		04/10/07 14 00	04/10/06 10 50		
S-C	BPD0334-32	Soil	04/12/06 14:20	04/13/06 10:50		
S-D	BPD0334-33	Soil	04/12/06 14:25	04/13/06 10:50		

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SESCO Group

5704 N.Montana Ave. Portland, ORUSA 9727 Project: McFarland

Project Number: 3424

Project Manager: Kerry Banke

Reported: 04/26/06 16:34

#### Total Metals by EPA 600/7000 Series Methods North Creek Analytical - Bothell

		Reporting							i
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-1A (BPD0334-01) Sil Sampled:	<b>9/10/06 07:30</b>	Receid: 0	4/13/06 10:50	)					
Arsenic	3.16	0.618	mg/kg dry	1	6D18026	04/18/06	04/19/06	EPA 6020	
S-6A (BPD0334-02) Sil Sampled:	<b>9</b> /10/06 07:45	Receid: 0	4/13/06 10:50	)					
Lead	8.87	0.610	mg/kg dry	1	6D18026	04/18/06	04/19/06	EPA 6020	
BC-1/TP-16 (BPD0334-03) Soil San	npled: 0A10/06	1:05 Rec	eived: <b>0/13/</b> 0	6 1050					
Arsenic	25.7	0.715	mg/kg dry	1	6D18026	04/18/06	04/19/06	EPA 6020	
BC-1/TP-16 (BPD0334-03RE1) Soil	Sampled: 0/10	0/06 11 <b>05</b> _	Reived: 04	/13/06 10:	:50		·		
Lead	1220	7.15	mg/kg dry	10	6D18026	04/18/06	04/19/06	EPA 6020	
BC-2 (BPD834-04) Soil Sampled:	0/10/06 1115	Reived: (	04/13/06 10:50	)					
Lead	68.3	0.635	mg/kg dry	1	6D18026	04/18/06	04/19/06	EPA 6020	
BC-3 (BPD034-05) Soil Sampled:	0/10/06 1125	Reived: (	04/13/06 10:50	)					
Lead	18.4	0.630	mg/kg dry	1	6D18026	04/18/06	04/19/06	EPA 6020	
BC-4/TP-17 (BPD0334-06) Soil San	npled: 0/110/06	1:30 Rec	eived: <b>9</b> /13/0	6 1050					
Arsenic	4.52	0.530	mg/kg dry	1	6D18026	04/18/06	04/19/06	EPA 6020	
Lead	5.07	0.530	11	*	II .	II	H	n	
BC-5 (BPD034-07) Soil Sampled:	<b>9</b> /10/06 1135	Reived: (	<u>04/13/06 10:50</u>	)		•			
Lead	43.9	0.723	mg/kg dry	1	6D18026	04/18/06	04/19/06	EPA 6020	
BC-6 (BPD034-08) Soil Sampled:	0/10/06 1140	Reived: (	<u> 14/13/06 10:50</u>	)			· 4. <u></u>		<del></del> -
Lead	25.3	0.616	mg/kg dry	1	6D18026	04/18/06	04/19/06	EPA 6020	

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SESCO Group 5704 N.Montana Ave. Portland, ORUSA 9727 Project: McFarland

Project Number: 3424

Project Manager: Kerry Banke

Reported: 04/26/06 16:34

#### Total Metals by EPA 600/7000 Series Methods North Creek Analytical - Bothell

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BC-7 (BPD034-09) Soil Sampled: 0/1	0/06 1150	Reived:	04/13/06 10:5	0					
Lead	4.93	0.694	mg/kg dry	1	6D18026	04/18/06	04/19/06	EPA 6020	
BC-8 (BPD#34-10) Soil Sampled: 6/1	0/06 1200	Reived:	04/13/06 10:5	0					
Lead	91.6	0.697	mg/kg dry	1	6D18026	04/18/06	04/19/06	EPA 6020	
BC-9 (BPD#34-11RE1) Soil Salurh:	04/10/06 13:	05 Rec	eide 04/13/00	<b>a</b> 0:50					
Lead	476	3.74	mg/kg dry	5	6D18026	04/18/06	04/19/06	EPA 6020	
BC-10 (BD0334-12RE1) Soil Sapled	: 04/10/06 13	:10 Rec	ived: 0/13/00	6 10:50					
Lead	495	2.98	mg/kg dry	5	6D18026	04/18/06	04/19/06	EPA 6020	
BC-10 DBPD0334-13RE1) Soil Sample	ed: <b>0</b> /10/06	1310 1	Reived: 04/13	/06 10:50	_	_			
Lead	306	2.96	mg/kg dry	5	6D18026	04/18/06	04/19/06	EPA 6020	
TP-1 (BD0334-14) Sil Sampled: 6/16	0/06 13:45	Recaid: (	<u>94/13/06 10:5</u> 0	0			·	<u> </u>	
Arsenic	3.03	0.586	mg/kg dry	1	6D18026	04/18/06	04/19/06	EPA 6020	
Lead	3.44	0.586	N	n	"	"	17	11	
TP-2 (BD0334-15) Sil Sampled: 0/10	<u>0/06 14:00</u>	Receid: (	04/13/06 10:50	0					
Arsenic	5.23	0.630	mg/kg dry	1	6D18026	04/18/06	04/19/06	EPA 6020	
Lead	4.72	0.630	***	tt	fi .	11	"	н	
TP-4 (BID0334-16) Sil Sampled: 0/10	0/06 14:30	Receid: 0	04/13/06 10:50	0					
Arsenic	4.37	0.534	mg/kg dry	1	6D18026	04/18/06	04/19/06	EPA 6020	
Lead	12.2	0.534	H	11	11	*1	n	n	

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SESCO Group

5704 N.Montana Av. Portland, ORUSA 9727 Project: McFarland

Project Number: 3424

Project Manager: Kerry Banke

Reported:

04/26/06 16:34

#### Total Metals by EPA 600/7000 Series Methods North Creek Analytical - Bothell

1					Reporting				_			
Anal	/te			Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<u>TP-5</u>	(B <b>D</b> 0334-17)	Sil	Sampled:	0/10/06_14:45	Recaid: 0	4/13/06 10:50						
Arse	nic			3.49	0.656	mg/kg dry	1	6D18026	04/18/06	04/19/06	EPA 6020	
Lead				4.67	0.656	II	11	п	"	11	11	
<u>TP-3</u>	(B <b>D</b> 0334-18)	Sil	Sampled:	0/11/06 09:00	Record: 0	4/13/06 10:50						
Arse	nic			9.31	0.497	mg/kg dry	1	6D18026	04/18/06	04/19/06	EPA 6020	
Lead				41.3	0.497	11	n	11	u	u	Ħ	
<u>TP-6</u>	(BD0334-19)	Sil	Sampled:	0/11/06 09:30	Receid: 0	4/13/06 10:50						
Arse	nic			3.45	0.428	mg/kg dry	1	6D18026	04/18/06	04/19/06 -	EPA 6020	
Lead				4.86	0.428	•	· n	"	u	н	Ħ	
<u>TP-7</u>	(B <b>D</b> 0334-20)	Sil	Sampled:	0/11/06 09:45	Recaid: 0	4/13/06 10:5 <u>0</u>						
Arse	nic			4.54	0.607	mg/kg dry	1	6D18026	04/18/06	04/19/06	EPA 6020	
Lead				4.68	0.607	Ħ	n	**	tı		н	
TP-8	(B <b>D</b> 0334-21)	Sil	Sampled:	<b>4/11/06 10:00</b>	Receid: 0	4/13/06 10:50						
Arse	nic			2.51	0.638	mg/kg dry	1	6D18028	04/18/06	04/19/06	EPA 6020	
Lead				2.95	0.638	11	11	11	"	H*	Ħ	
<u>TP-9</u>	(B <b>D</b> 0334-22)	Sil	Sampled:	0/11/06 10:15	Recoid: 0	4/13/06 10:50						
Arse	nic			5.04	0.626	mg/kg dry	1	6D18028	04/18/06	04/19/06	EPA 6020	
Lead				5.85	0.626		"	11	"	11	IŦ	
<u>TP-1</u>	0 BPD0334-23)	So	il Sampled:	04/11/06 10:30	Recived:	0/13/06 10:50						
Arse	nic			4.97	0.611	mg/kg dry	1	6D18028	04/18/06	04/19/06	EPA 6020	
Lead				23.6	0.611	u	n	11	rt .	*11	III	

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SESCO Group 5704 N.Montana Ave. Portland, ORUSA 9727

Project: McFarland Project Number: 3424

Project Manager: Kerry Banke

Reported: 04/26/06 16:34

#### Total Metals by EPA 600/7000 Series Methods North Creek Analytical - Bothell

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP-10 DBPD0334-24) Soil Sampled: (	<u>9/</u> 11/06 1030	Reive	d: 04/13/06 10	:50					
Arsenic	4.72	0.613	mg/kg dry	1	6D18028	04/18/06	04/19/06	EPA 6020	
Lead	7.21	0.613	tt.	11	H	11	u.	u	
TP-11 BPD0334-25) Soil Sampled: 04/1	1/06 11:00	Recived:	0/L3/06 10:5	0					
Arsenic	2.89	0.602	mg/kg dry	1	6D18028	04/18/06	04/19/06	EPA 6020	
Lead	2.56	0.602	"		11	11	"	н	
TP-12 BPD0334-26) Soil Sampled: 04/1	1/06 11:15	Recived:	0AL3/06 10:5	0					
Arsenic	3.84	0.650	mg/kg dry	1	6D18028	04/18/06	04/19/06	EPA 6020	
Lead	35.2	0.650	n		11	n	11	n	
TP-13 RPD0334-27) Soil Sampled: 04/1	1/06 11:30	Recived:	0/L3/06 10:5	0					
Arsenic	33.0	0.476	mg/kg dry	1	6D18028	04/18/06	04/19/06	EPA 6020	
TP-13 BPD0334-27RE1) Soil Shapled:	0/11/06 11:	30 Recis	ved: <b>0</b> /13/06	1050	_				
Lead	242	0.952	mg/kg dry	2	6D18028	04/18/06	04/19/06	EPA 6020	
TP-14 BPD0334-28) Soil Sampled: 04/1	1/06 12:00	Recived:	0AL3/06 10:5	0				,	
Arsenic	4.40	0.549	mg/kg dry	1	6D18028	04/18/06	04/19/06	EPA 6020	
Lead	19.4	0.549	n	IT	n	11	11	11 ,	
TP-15 BPD0334-29) Soil Sampled: 04/1	1/06 12:05	Recived:	0AL3/06 10:5	0	-				
Arsenic	4.12	0.489	mg/kg dry	1	6D18028	04/18/06	04/19/06	EPA 6020	
Lead	. 12.2	0.489	"	н	11		ti	17	

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SESCO Group

Portland, ORUSA 9727

5704 N.Montana Av.

Project: McFarland

Project Number: 3424

Project Manager: Kerry Banke

Reported:

04/26/06 16:34

### Total Metals by EPA 600/7000 Series Methods North Creek Analytical - Bothell

Analyte			Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-A (BP10334-30) Soil	amfiled:	0/12/06	1410	Roud: 0	/13/06 10:50						
Arsenic Lead			4.93 14.0	0.593 0.593	mg/kg dry	1	6D18028	04/18/06	04/19/06	EPA 6020	
S-B (BPD#34-31) Soil	Sampled:	<b>0</b> /12/06			/13/06 10:50						
Arsenic Lead			4.20 12.4	0.620 0.620	mg/kg dry	1	6D18028	04/18/06	04/19/06	EPA 6020	
S-C (BP10334-32) Soil	amßled:	0/12/06	1420	Read: 0	/13/06 10:50	=					
Arsenic Lead			6.77 28.1	0.597 0.597	mg/kg dry "	1	6D18028	04/18/06	04/19/06 "	EPA 6020	
S-D (BPD334-33) Soil	amfiled:	0/12/06	1425	Reun: 6	/13/06 10:50						
Arsenic Lead			3.54 7.20	0.498 0.498	mg/kg dry "	1	6D18028	04/18/06	04/19/06 "	EPA 6020	

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SESCO Group 5704 N.Montana Ave. Portland, ORUSA 9727

Project: McFarland Project Number: 3424 Project Manager: Kerry Banke

Reported: 04/26/06 16:34

#### Conventional Chemistry Brameters & AHA/EPA Mthods North Creek Analytical - Bothell

Analyte	Result	porting Limit Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BC-1/TP-16 (BPD0334-03) Soil Sampled:	0/A10/06 1:0	5 Received: <b>9/13/</b>	06 1050					,
рН	7.15	pH Units	1	6D18071	04/18/06	04/18/06	EPA 9045C	
BC-4/TP-17 (BPD0334-06) Soil Sampled:	0A10/06 1:3	0 Received: 0/13/0	06 1050			_		
pН	6.91	pH Units	1	6D18071	04/18/06	04/18/06	EPA 9045C	
TP-1 (BD0334-14) Sil Sampled: 0/10/0	6 13:45 R	eccaid: 04/13/06 10:5	0					
pH	7.82	pH Units	1	6D18071	04/18/06	04/18/06	EPA 9045C	
TP-2 (BD0334-15) Sil Sampled: 0/10/0	6 14:00 R	ecasid: 04/13/06 10:5	0					
PΗ	7.95	pH Units	1	6D18071	04/18/06	04/18/06	EPA 9045C	
TP-4 (BP0334-16) Sil Sampled: 0/10/0	6 14:30 R	ecaid: 04/13/06 10:5	0					
pH	7.78	pH Units	1	6D18071	04/18/06	04/18/06	EPA 9045C	
TP-5 (BP0334-17) Sil Sampled: 0/10/0	6 14:45 R	ececid: 04/13/06 10:5	0					
pH	7.54	pH Units	1	6D18071	04/18/06	04/18/06	EPA 9045C	
TP-3 (BD0334-18) Sil Sampled: 0/11/0	6 09:00 R	ececid: 04/13/06 10:5	0					
pН	9.95	pH Units	.1	6D18071	04/18/06	04/18/06	EPA 9045C	
TP-6 (BID0334-19) Sil Sampled: 0/11/0	6 09:30 R	ececid: 04/13/06 10:5	0					
рH	7.75	pH Units	1	6D18071	04/18/06	04/18/06	EPA 9045C	
TP-7 (BD0334-20) Sil Sampled: 0/11/0	6 09:45 R	ecasid: 04/13/06 10:5						
рН	8.09	pH Units	. 1 -	6D18071	04/18/06	04/18/06	EPA 9045C	

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SESCO Group 5704 N.Montana Ave. Project: McFarland

Project Number: 3424

Reported:

Portland, ORUSA 9727

Project Manager: Kerry Banke

04/26/06 16:34

### Conventional Chemistry Brameters & APIA/EPA Methods North Creek Analytical - Bothell

				Reporting							
Analy	rte		Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<u>TP-8</u>	(BD0334-21) Sil	Sampled:	<b>0/11/06 10:00</b>	Recaid: 0	4/13/06 10:50	)			-		
pН			6.59		pH Units	1	6D18071	04/18/06	04/18/06	EPA 9045C	
<u>TP-9</u>	(BD0334-22) Sil	Sampled:	<b>9</b> /11/06 10:15	Recaid: 0	4/13/06 10:50	)					
pН			7.29		pH Units	1	6D18071	04/18/06	04/18/06	EPA 9045C	
<u>TP-10</u>	BPD0334-23) So	il Sampled:	04/11/06 10:30	Recived:	0/L3/06 10:5	50					
pН			8.07		pH Units	· I	6D18071	04/18/06	04/18/06	EPA 9045C	
TP-10	DBPD0334-24) S	oil Sample	ed: <b>0</b> /11/0 <u>6</u> 1030	) Reive	d: 04/13/06 10	0:50					
pН			8.02		pH Units	1	6D18071	04/18/06	04/18/06	EPA 9045C	
<u>TP-11</u>	BPD0334-25) So	il Sampled:	04/11/06 11:00	Recived:	0/L3/06 10:5	50					
pН			. 6.60		pH Units	1	6D18071	04/18/06	04/18/06	EPA 9045C	
TP-12	2 BPD0334-26) So	il Sampled:	04/11/06 11:15	Recived:	0/L3/06 10:5	50					
pН			6.79		pH Units	1	6D18071	04/18/06	04/18/06	EPA 9045C	
TP-13	3 BPD0334-27) So	il Sampled:	04/11/06 11:30	Recived:	0/13/06 10:5	50					
pН			7.09		pH Units	1	6D18071	04/18/06	04/18/06	EPA 9045C	
TP-14	BPD0334-28) So	il Sampled:	04/11/06 12:00	Reeived:	0/13/06 10:5	50					
pН			7.63		pH Units	1	6D18071	04/18/06	04/18/06	EPA 9045C	
<u>TP-1</u>	5 BPD0334-29) So	il Sampled:	04/11/06 12:05	Recived:	0/13/06 10:5	50					
pН		-	8.20		pH Units	1 -	6D18071	04/18/06	04/18/06	EPA 9045C	-

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SESCO Group

5704 N.Montana Ave. Portland, ORUSA 9727 Project: McFarland

Project Number: 3424

Project Manager: Kerry Banke

Reported:

04/26/06 16:34

#### Conventional Chemistry Brameters by APIA/EPA Methods North Creek Analytical - Bothell

Anal	yte			Result	Reporting Limi	•	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-A	(BPD334-30) Soil	amβled:	0/12/06	1410	Round:	0/13/06 10:50	_					
pН		•		6.89		pH Units	1	6D18071	04/18/06	04/18/06	EPA 9045C	
<u>S-B</u>	(BPD034-31) Soil	Sampled:	0/12/06	1415	Reived:	04/13/06 10:50						
рH	•			6.88		pH Units	1	6D18071	04/18/06	04/18/06	EPA 9045C	
<u>S-C</u>	(BPD334-32) Soil	ambled:	0/12/06	1420	Round:	0/13/06 10:50						
pН	•			6.92		pH Units	1	6D18072	04/18/06	04/18/06	EPA 9045C	
S-D	(BPD334-33) Soil	amfiled:	<b>0/12/06</b>	1425	Receil:	0/13/06 10:50						
pН				7.34		pH Units	1	6D18072	04/18/06	04/18/06	EPA 9045C	

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907.563.9200 fax 907.563.9210

SESCO Group 5704 N.Montana Ave. Portland, ORUSA 9727 Project: McFarland

Project Number: 3424 Project Manager: Kerry Banke \ Reported:

04/26/06 16:34

#### Physical Parameters by APHA/ASTM/EPA Methods North Creek Analytical - Bothell

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-1A (BPD0334-01) Sil Sampled:	0/10/06 07:30	Receid: 04	<del>1/13/06 10:50</del>						·
Dry Weigh	80.9	1.00	%	1	6D18046	04/18/06	04/19/06	BSOPSPL003R08	
S-6A (BPD0334-02) Sil Sampled:	0/10/06 07:45	Receid: 04	<u>4/13/06 10:50</u>						
Dry Weigh	77.3	1.00	<b>%</b>	1	6D18046	04/18/06	04/19/06	BSOPSPL003R08	
BC-1/TP-16 (BPD0334-03) Soil San	npled: 0/10/06	1:05 Recei	ived: 0/13/00	5 1050					
Dry Weigh	69.9	1.00	%	1	6D18046	04/18/06	04/19/06	BSOPSPL003R08	
BC-2 (BPD#34-04) Soil Sampled:	0/10/06 1115	Reived: 04	4/13/0 <u>6</u> 10:50			_			
Dry Weigh	78.8	1.00	%	1	6D18046	04/18/06	04/19/06	BSOPSPL003R08	
BC-3 (BPD034-05) Soil Sampled:	Ø/10/06 1125	Reived: 04	4/13/06 10:50						
Dry Weigh	78.6	1.00	%	1	6D18046	04/18/06	04/19/06	BSOPSPL003R08	
BC-4/TP-17 (BPD0334-06) Soil San	npled: 0/10/06	1:30 Recei	ived: <b>0</b> /13/00	1050				-	
Dry Weigh	81.3	1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
BC-5 (BPD034-07) Soil Sampled:	0/10/06 1135	Reived: 04	4/13/06 10:50						
Dry Weigh	74.4	1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
BC-6 (BPD034-08) Soil Sampled:	0/10/06 1140	Reived: 04	4/13/06 10:50						
Dry Weigh	76.6	1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
BC-7 (BPD#34-09) Soil Sampled:	0/10/06 1150	Reived: 04	4/13/06 10:50						
Dry Weigh	75.1	1.00	%	1	6D18047	04/18/06 -	- 04/19/06	BSOPSPL003R08	
· ·									

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SESCO Group

5704 N.Montana Ac. Portland, ORUSA 9727 Project: McFarland

Project Number: 3424

Project Manager: Kerry Banke

Reported:

04/26/06 16:34

#### Physical Parameters by APHA/ASTM/EPA Methods North Creek Analytical - Bothell

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BC-8 (BPD834-10) Soil Sampled:	0/10/06 1200	Reived: 04	1/13/06 10:5	50					
Dry Weigh	67.0	1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
BC-9 (BPD834-11) Soil Sampled:	0/10/06 1305	Reived: 04	/13/06 10:5	50	_				
Dry Weigh	64.9	1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
BC-10 (BD0334-12) Sdi Saleda	04/10/06 13:10	Receide	04/13/060	:50					
Dry Weigh	74.3	1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
BC-10 DBPD0334-13) Soil Sample	d: 0A10/06 3:10	Received	: 0/13/06	1050					
Dry Weigh	70.5	1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
TP-1 (BD0334-14) Sil Sampled:	<b>0</b> /10/06 13:45	Recaid: 04	/13/06 10:5	0				1	
Dry Weigh	83.7	1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
TP-2 (BD0334-15) Sil Sampled:	<b>9</b> /10/06 14:00	Recaid: 04	/13/06 10;5	50					
Dry Weigh	77.0	1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
TP-4 (BD0334-16) Sil Sampled:	<b>9</b> /10/06 14:30	Receid: 04	/13/06 10:5	50	·			_	
Dry Weigh	82.8	1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
TP-5 (BID0334-17) Sil Sampled:	<b>9</b> /10/06 14:45	Receid: 04	/13/06 10:5	50					
Dry Weigh	82.8	1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
TP-3 (BD0334-18) Sil Sampled:	<b>0</b> /11/06 09:00	Receid: 04	/13/06 10:5	50	-			<del> </del>	
Dry Weigh	···· <b>89.1</b>	1.00	%	1	6D18047	04/18/06-	04/19/06	BSOPSPL003R08	

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SESCO Group 5704 N.Montana Ave. Portland, ORUSA 9727 Project: McFarland

Project Number: 3424 Project Manager: Kerry Banke

Reported: 04/26/06 16:34

#### Physical Parameters by APHA/ASTM/EPA Methods North Creek Analytical - Bothell

	Reporting		-	-				-]
Analyte Resu	ılt Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP-6 (BD0334-19) Sil Sampled: 0/11/06 09:	30 Recaid: (	04/13/06 10:50	)		_			
Dry Weigh 70.	.3 1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
TP-7 (BD0334-20) Sil Sampled: 0/11/06 09:	45 Receid: (	04/13/06 10:50	)	·=·				
Dry Weigh 80.	.0 1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
TP-8 (BD0334-21) Sil Sampled: 0/11/06 10:	00 Receid: (	04/13/06 10:50	١					
Dry Weigh 78.	1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
TP-9 (BD0334-22) Sil Sampled: 0/11/06 10:	15 Receid: (	04/13/06 10:50						
Dry Weigh 81.	5 1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
TP-10 BPD0334-23) Soil Sampled: 04/11/06 10	:30 Recived:	0/ <b>1</b> 3/06 10:5	0					
Dry Weigh 84.	4 1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
TP-10 DBPD0334-24) Soil Sampled: 0/11/06	10B0 Reive	d: 04/13/06 10	):50				···	
Dry Weigh 81.	5 1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
TP-11 BPD0334-25) Soil Sampled: 04/11/0611	:00 Recived:	0/L3/06 10:5	0					
Dry Weigh 79.	9 1.00	%	1	6D18047	04/18/06	04/19/06	BSOPSPL003R08	
TP-12 BPD0334-26) Soil Sampled: 04/11/06 11	:15 Recived:	0AL3/06 10:5	0					
Dry Weigh 79.	3 1.00	%	1	6D18048	04/18/06	04/19/06	BSOPSPL003R08	
TP-13 BPD0334-27) Soil Sampled: 04/11/06 11	:30 Recived:	0/L3/06 10:5	0					
Dry Weigh 99.	11.00	%	1	6D18048	04/18/06 -	04/19/06	BSOPSPL003R08	-

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SESCO Group

5704 N.Montana Ave. Portland, ORUSA 9727 Project: McFarland

Project Number: 3424

Project Manager: Kerry Banke

Reported:

04/26/06 16:34

#### Physical Parameters by APHA/ASTM/EPA Methods North Creek Analytical - Bothell

Analyte Resu	Reporting lt Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP-14 BPD0334-28) Soil Sampled: 04/11/06 12	:00 Recived:	0/13/06 10:5	0					
Dry Weigh 82.	8 1.00	%	1	6D18048	04/18/06	04/19/06	BSOPSPL003R08	
TP-15 BPD0334-29) Soil Sampled: 04/11/06 12	:05 Recived:	0AL3/06 10:5	0					
Dry Weigh 82.	5 1.00	%	1	6D18048	04/18/06	04/19/06	BSOPSPL003R08	
S-A (BPD334-30) Soil ampled: 0/12/06 1410	Reund: 0	/13/06 10:50						
Dry Weigh 80.	3 1.00	%	1	6D18048	04/18/06	04/19/06	BSOPSPL003R08	
S-B (BPD034-31) Soil Sampled: 0/12/06 1415	Reived: 04	/13/06 10:50						
Dry Weigh 78.	3 1.00	%	1	6D18048	04/18/06	04/19/06	BSOPSPL003R08	
S-C (BPI0334-32) Soil amfiled: 0/12/06 1420	Remd: 0	/13/06 10:50						
Dry Weigh 69.	8 1.00	%	1	6D18048	04/18/06	04/19/06	BSOPSPL003R08	
S-D (BP10334-33) Soil amfiled: 0/12/06 1425	Record: 0	/13/06 10:50						
Dry Weigh 76.	1 1.00	%	1	6D18048	04/18/06	04/19/06	BSOPSPL003R08	

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SESCO Group

5704 N.Montana Ae. Portland, ORUSA 9727 Project: McFarland

Project Number: 3424

Project Manager: Kerry Banke

Reported:

04/26/06 16:34

#### Total Metals by EPA 600/7000 Series Methods - Qulity Control North Creek Analytical - Bothell

Analyte				Result	Reporting Limit	Units	Spike	Source Result	%REC	%REC Limits	RPD	RPD Limit	Mataa
- Indiyie				Veanit	Pullt	Units	Level	Acsuit	70REC	Limits	KLD	Limit	Notes
Batch	D18026:	Pepared	<b>0</b> /18/06	_Uing	IPA 3050B								
Blank (6	D18026-BL	K1)											
Arsenic				ND	0.500	mg/kg wet							
Lead				ND	0.500	н							
LCS (6	D8026-BS1	)											
Arsenic				40.5	0,500	mg/kg wet	40.0		101	80-120			
Lead				40.0	0.500	**	40.0		100	80-120			
Duplicat	e (D18026	-DUP1)						Source:	B <b>D</b> 0334-	01			
Arsenic		-		3.30	0.618	mg/kg dry		3.16			4,33	30	
Lead				6.09	0.618	"		6.35			4.18	30	
Matrix	Sike (6D8	026-MS1)					•	Source:	B <b>D</b> 0334-	01	•		
Arsenic				48.9	0.618	mg/kg dry	49.4	3.16	92.6	57-125			
Lead				54.3	0.618	91	49.4	6.35	97.1	29-166			
Post Sji	ke <b>(</b> D1802	6-PS1)						Source:	B <b>B</b> 0334-	01			
Arsenic				0.106		ug/ml	0.100	0.00512	101	75-125			
Lead				0.106		"	0.100	0.0103	95.7	75-125			
Batch	<b>D</b> 18028:	Pepared	<b>4</b> /18/06	Ving	<b>P</b> A 3050B								
Blank (6	D18028-BL	K1)											
Arsenic				ND	0.500	mg/kg wet							
Lead				ND	0.500	n							
LCS (6	D8028-BS1)	)											
Arsenic			-	41.3	0.500	mg/kg wet	40.0		103	80-120			
Lead				41.0	0.500	11	40.0		102	80-120			

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5704 N.Montana Ave. Portland, ORUSA 9727 Project: McFarland

Project Number: 3424

Project Manager: Kerry Banke

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#### Total Metals by EPA 600/7000 Series Methods - Qulity Control North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch D18028: Pepared 6/		PA 3050B								110700
Duplicate (D18028-DUP1)					Source:	BD0334-	21			
Arsenic	3.26	0.638	mg/kg dry		2.51			26.0	30	
Lead	3.97	0.638	n		2.95			29.5	30	
Matrix Sike (6D\$028-MS1)					Source:	B <b>D</b> 0334-	21			
Arsenic	53.0	0,638	mg/kg dry	51.0	2.51	99.0	57-125	-		
Lead	55.6	0.638	н	51.0	2.95	103	29-166			
Post Sike (D18028-PS1)					Source:	B <b>D</b> 0334-	21			
Arsenic	0.104		ug/ml	0.100	0.00394	100	75-125			
Lead	0.101		II .	0.100	0.00463	96.4	75-125			

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Project Number: 3424

Project Manager: Kerry Benke

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#### Conventional Chemistry Brameters by APIA/EPA Mithods - Quality Conrol North Creek Analytical - Bothell

Analyte			Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch <b>D18071</b> :	Pepared	<b>4</b> /18/06	Ging	Gneral Pre	paration	_						
Duplicate (D18071-	DUP1)						Source:	B <b>B</b> 0334-	03			
pH			7.16		pH Units		7.15	-		0.140	10	
Duplicate (D18071-	-DUP2)						Source:	B <b>D</b> 0334-2	22			
pН			7.30		pH Units		7.29			0.137	10	
Batch <b>D18072</b> :	Pepared	<b>G</b> /18/06	Ging	Gneral Pre	paration							
Duplicate (D18072-	DUP1)						Source:	BD0334-3	32			
pH		·	7.05		pH Units		6.92			1.86	10	

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SESCO Group

5704 N.Montana Ave. Portland, ORUSA 9727 Project: McFarland

Project Number: 3424

Project Manager: Kerry Banke

Reported:

04/26/06 16:34

#### Physical Parameters by APHA/ASTM/EPA Methods - Qulity Control North Creek Analytical - Bothell

			<b>.</b>	Reporting	<b>**</b> *.	Spike	Source	a/pec	%REC	DDD	RPD	NT-4
Analyte			Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch <b>D</b> 18046:	Pepared	<b>4/18/06</b>	Ving	By Weight								
Blank (6D18046-BL	K1)											
Dry Weight		-	100	1.00	%							
Batch <b>D</b> 18047:	Pepared	<b>@/18/</b> 06	Ving	Dy Weight								
Blank (6D18047-BL	.K1)											
Dry Weight	_		100	1.00	%							
Batch <b>D18048</b> :	Pepared	<b>4/18/06</b>	Ving	Dy Weight								
Blank (6D18048-BL	.K1)											
Dry Weight			99.6	1.00	%							

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SESCO Group

5704 N.Montana Av.

Portland, ORUSA 9727

Project: McFarland

Project Number: 3424

Project Manager: Kerry Banke

Reported:

04/26/06 16:34

#### Notes and Definitions

DET

Analyte DETECTED

ND

Analyte NOT DETECTED at or above the reporting limit

NR

dгу

Sample results reported on a dry weight basis

RPD

Relative Percent Difference

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PAX 420-9210

FAX 924-9290

FAX 906-9210

FAX 382-7588

907-563-9200

FAX 563-9210

	(	CHAIN OI	FCU	JST	ODY	RE	POI	RT						Work Order	. R	SPD033	4
nca client: SESCO report to: Kenny. Be address: 1426 W Induanapo Phone: 317. 347. 9590	TO IT	INVOICE TO: Paul Tirrey  Same address  P.O. NUMBER:									TURNAROUND REQUEST  in Business Days in  Organic & Inorganic Analyses  19 7 9 4 7 1 1 < 1  Syn. Petroleum Hydrocarbon Analyses						
PROJECT NAME: MUFFARLA	ND					J		PRESI	ERVA	TIVE						<u> </u>	ब
PROJECT NUMBER: 3424			N	0	N	E								3111	. — -		
SAMPLED BY: Kerry	Rohnka			1.5	· ·	γ	RE	QUESTI	ED A	NALYS	ES	<del></del>	<del></del>	] [	OTHER	Specify:	_
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2 S-4A	4/10/06	7:45AM	X	*	1									S	2		02
3 BC-1/TP-16	4/10/06	11:05Am	X	X	X									2	2		03
· BC-2	4/10/06	11:15AM	X											S	2		04
s BC-3	4/10/06	11:25 Am	X		<u> </u>									S	2		05
6 BC-4/TP-17	4/10/04	11.30 Am	X	X	X									S	2		06
, BC-5	4/10/06	II:鄞Am	X			<u> </u>								S	2		07
8 BC-6	4/10/06	11:40 Am	X											S	2		08
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COC REV 09/04

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CHAIN OF CUSTODY REPORT Work Order #: INVOICE TO: NCACLIENT: SESCO TURNAROUND REQUEST REPORT TO: Kerry Behnke St ADDRESS: 1424 & 29th St Indianapolis IN 46203 PHONE: 317347.9590FAX: 317.347.9591 in Business Days \* Organic & Inorganic Analyses P.O. NUMBER: Petroleum Hydrocarbon Analyses PROJECT NAME: NCPAPILAN D PRESERVATIVE , 1 | 4 | 0 PROJECT NUMBER: 3424 REQUESTED ANALYSES SAMPLED BY: Arsemic CLIENT SAMPLE SAMPLING MATRIX #OF LOCATION/ NCA BE F (W, S, O) CONT. COMMENTS WOD **IDENTIFICATION** DATE/TIME 5 1:05pm 1:10 pm S 3 1,10 pm 4 S 15 0 9:00 Am 9:30.Am 4/n/06 9:45 Am RECEIVED BY: RELEASED BY: DATE: FIRM: NCA PRINT NAME: KELTY BEHNKE FIRM: SESCO TIME: PRINT NAME: RELEASED BY: DATE: RECEIVED BY: PRINT NAME: TIME: FIRM: PRINT NAME: FIRM: TIME: ADDITIONAL REMARKS: TEMP



COC REV: 09/04

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11922 B 1st Ave, Spokane, WA 99206-5302	<b>509-924-92</b> 00	FAX 924-9290	
9405 SW Numbus Ave, Beaverton, OR 97006-7145	503- <b>906-920</b> 0	FAX 906-9210	
20332 Empire Ave. Ste F1, Bend, OR 97701-5712	541-383-9310	FAX 382-7588	
2011 AV 00502-1110	007 667 0200	EAV (62 0010	$\overline{}$

2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 **CHAIN OF CUSTODY REPORT** Work Order #: INVOICE TO: TURNAROUND REQUEST NCA CLIENT: REPORT TO: Kerry in Bouleaux Days \* ADDRESS: Organic & Inorganic Analyses PHONE: 317.347.9590 FAX: 347.959/ P.O. NUMBER: Petroleum Hydrocarbon Analyses PROJECT NAME: Wilker and PRESERVATIVE PROJECT NUMBER: 7 REQUESTED ANALYSES OTRES SAMPLED BY: #OF LOCATION / CLIENT SAMPLE SAMPLING MATRIX NCA Hd (W, S, O) CONT. COMMENTS WOD DATE/TIME **IDENTIFICATION** 411/06 10 Am S 1015Am 1030 Am 5 1030 AM 9 11 Am 1115 AM 5 1130 AM 200 pm S 1205 pm Late Haney 5 Kerry Belink 4/12/06 DATE: 4/3/06 RECEIVED BY: FIRM: FIRM: SEPCO PRINT NAME: RELEASED BY: DATE: RECEIVED BY: 1050 FIRM: TIME: FIRM: TIME: PRINT NAME: PRINT NAME: ADDITIONAL REMARKS: TEMP: