



**BURLINGTON  
ENVIRONMENTAL**

October 13, 1993  
Project 12883088

Ms. Linda Priddy  
U. S. Environmental Protection Agency  
Region X  
1200 Sixth Avenue  
Seattle, Washington 98101

Dear Ms. Priddy:

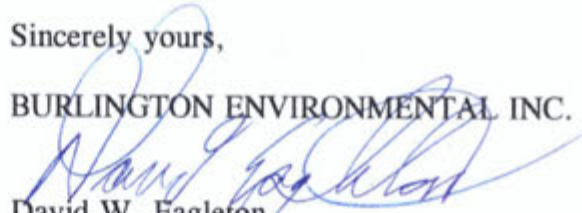
**Subject: Transmittal of the Soil Removal Final Report  
for the Woods Industries Site, Yakima, Washington**

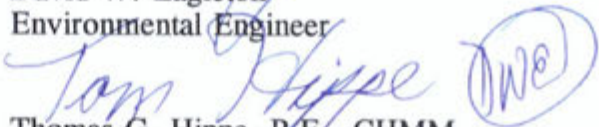
On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) hereby submits the Soil Removal Final Report for soil removal activities conducted at the Woods Industries Site. As mentioned in the report, the report is complete except for information regarding the cost of the removal action. BNRR will forward this information to you as it becomes available. Four copies of the report are being transmitted to your Seattle office and one copy is being transmitted to the Olympia office.

Please call me at (618) 281-7173 or Tom Hippe at (713) 442-1794 if you have any questions regarding this report.

Sincerely yours,

BURLINGTON ENVIRONMENTAL INC.

  
David W. Eagleton  
Environmental Engineer

  
Thomas G. Hippe, P.E., CHMM  
General Manager  
Southwest Region

GAK/gk/REMRPTCL.LET

Enclosure: Soil Removal Final Report  
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# Soil Removal Final Report Woods Industries Site Yakima, Washington

Volume I  
Report Text and Appendices A—D

October 13, 1993

Prepared for:



**BURLINGTON NORTHERN RAILROAD**  
999 Third Avenue  
Seattle, Washington 98104



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Project 12883088

**Soil Removal Final Report  
Woods Industries Site  
Yakima, Washington**

**Volume I II and II - Soil Removal Report**

October 13, 1993

Prepared for:

**BURLINGTON NORTHERN RAILROAD**  
999 3rd Avenue  
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Project 12883088

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SOIL REMOVAL FINAL REPORT  
WOODS INDUSTRIES SITE  
YAKIMA, WASHINGTON

1 INTRODUCTION

Burlington Northern Railroad (BNRR), through Burlington Environmental Inc. (Burlington Environmental), has prepared this final report for soil removal activities conducted at the Woods Industries (Woods) site from March 29 through September 24, 1993. These activities were conducted in accordance with Administrative Order Number 1087-03-18-106 (the Order) and the National Oil and Hazardous Substances Contingency Plan. A chronological summary of events is presented in the weekly project status reports previously submitted to the U.S. Environmental Protection Agency (USEPA) site coordinator.

Building demolition removal activities, occurring in January and February 1993, were performed to reduce physical and toxic health hazards and to facilitate future site remediation. Building demolition activities are described in the Building Demolition Final Report dated March 26, 1993.

Soil removal activities included the excavation and temporary storage of soil that presented a threat to groundwater, which also included the soils that present a toxic health hazard. This removal action reduced contaminant concentrations to acceptable levels under an industrial future-use scenario as defined under the State of Washington's Model Toxics Control Act (MTCA).

BNRR is submitting this report for the soil removal activities in accordance with the Order. As specified in Section 5.16 of the Order, this document is required to include:

a listing of quantities and types of materials removed, a discussion of removal and disposal options considered for those materials, a listing of the ultimate destination of those materials, a presentation of the analytical results of all sampling and analyses performed, and accompanying appendices containing all available relevant documentation generated during the removal action (manifests, invoices, bills, contracts, and permits).

The final cost of soil removal activities with invoices and bills will be forwarded to the USEPA as soon as it becomes available.

This document contains:

- the Order (Appendix A);
- weekly project status reports (Appendix B);
- contractor documentation (Appendix C);
- applicable permits, notifications, and agreements (Appendix D);
- analytical data (Appendices E through H, and L);
- photographs (Appendix I);
- cross sections (Appendix J); and,
- groundwater analytical data (Appendix K).

Additional details, as required in 40 CFR Section 300.165, OSC Reports, Paragraphs (1)(v) through (1)(x), have been presented in detail to the USEPA via various prior reports and technical memoranda.

## 2 SITE PREPARATION

Prior to the excavation of contaminated soils, site preparation was performed consisting of mobilization, construction of temporary soil storage areas, groundwater sampling and analysis, and management of utilities. Installation of sheet piling was performed during the start of soil excavation.

In March 1993, the USEPA issued a Woods Fact Sheet describing prior building demolition removal activities and the planned soil removal and treatment activities. A copy of the Woods Fact Sheet is included in Appendix D-1.

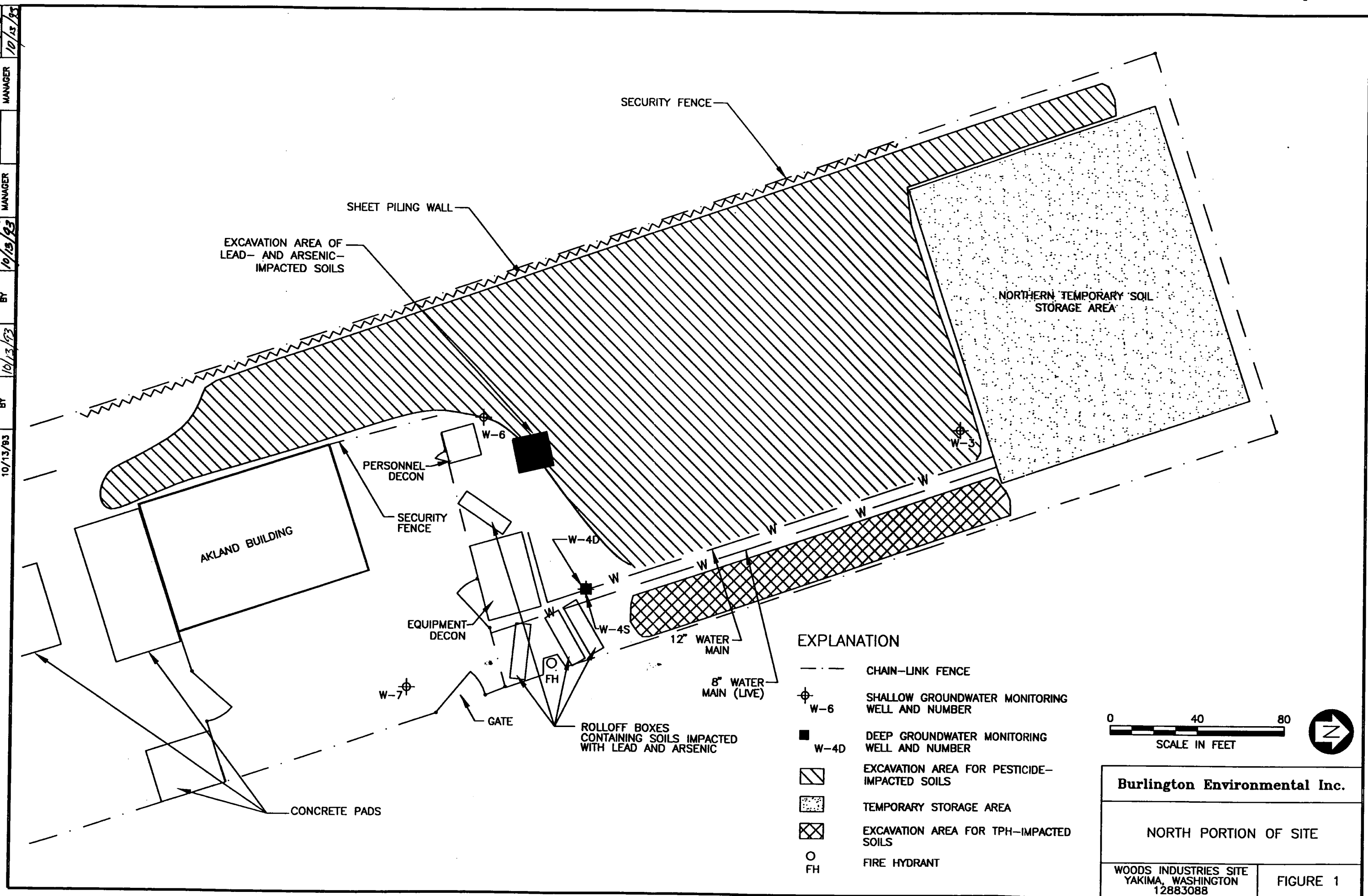
### 2.1 Mobilization

Mobilization and site preparation began on March 29, 1993, following the USEPA's approval of the Revised Soil Removal Work Plan dated March 17, 1993 (Work Plan). Olympus Environmental, Inc., (Olympus Environmental) was the prime contractor for building demolition and soil removal. Mobilization included the transportation of materials, equipment, and personnel to the site and setup of support facilities. Personnel and equipment decontamination areas existed on site from previous building demolition activities and were inspected prior to the start of field activities according to the Work Plan.

### 2.2 Construction of Temporary Soil Storage Areas

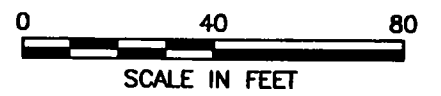
Two temporary soil storage areas were constructed according to the Work Plan to contain soil until soil treatment occurs. These areas are located at the north and south ends of the site as shown in Figures 1 and 2, respectively. Both temporary soil storage areas were constructed over areas of impacted soils. Impacted

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**EXPLANATION**

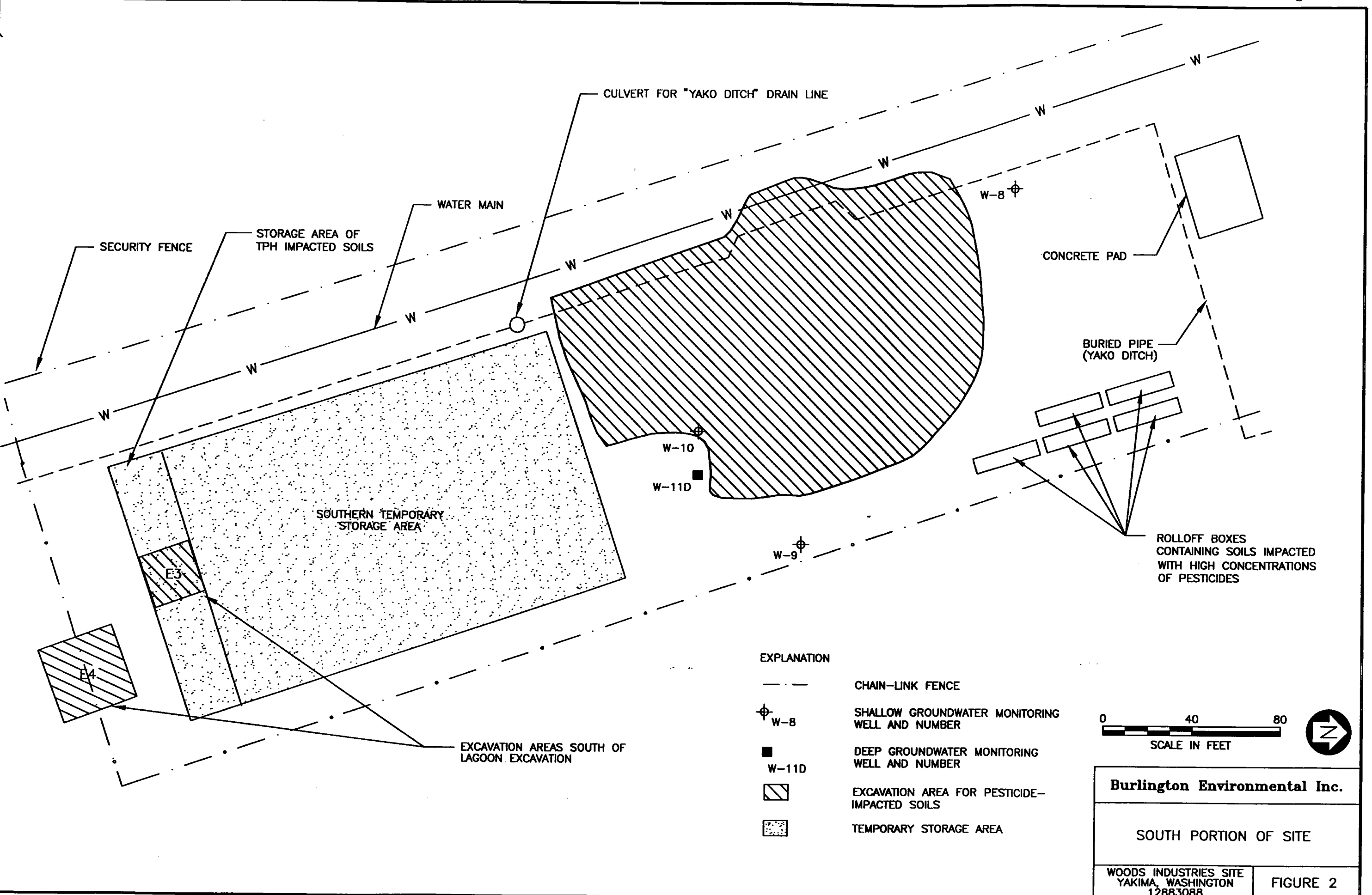
- CHAIN-LINK FENCE
- ⊕ SHALLOW GROUNDWATER MONITORING WELL AND NUMBER
- W-6
- DEEP GROUNDWATER MONITORING WELL AND NUMBER
- W-4D
- ▨ EXCAVATION AREA FOR PESTICIDE-IMPACTED SOILS
- ▤ TEMPORARY STORAGE AREA
- ▩ EXCAVATION AREA FOR TPH-IMPACTED SOILS
- FH
- FH FIRE HYDRANT



<b>Burlington Environmental Inc.</b>	
NORTH PORTION OF SITE	
WOODS INDUSTRIES SITE YAKIMA, WASHINGTON 12883088	FIGURE 1

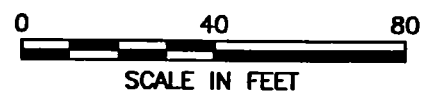


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EXPLANATION

- CHAIN-LINK FENCE
- ⊕ W-8 SHALLOW GROUNDWATER MONITORING WELL AND NUMBER
- W-11D DEEP GROUNDWATER MONITORING WELL AND NUMBER
- ▨ EXCAVATION AREA FOR PESTICIDE-IMPACTED SOILS
- ⋯ TEMPORARY STORAGE AREA



<b>Burlington Environmental Inc.</b>	
SOUTH PORTION OF SITE	
WOODS INDUSTRIES SITE YAKIMA, WASHINGTON 12883088	FIGURE 2

soils below the temporary storage areas will be removed during the soil treatment phase of the project.

Other soils such as highly concentrated pesticide-impacted soils or soils impacted with lead, arsenic, or other materials-- that may or may not be treated on site were kept separate and were placed in rolloff boxes for temporary storage, or they were transported off site for proper disposal. The location of these rolloff boxes is shown on Figures 1 and 2. Section 3.1 of this report summarizes the types and quantities of materials removed.

#### 2.2.1 Northern Temporary Soil Storage Area

The basement of Woods Building #1 and the Block Building were used as the foundation of the Northern Temporary Soil Storage Area depicted in Figure 1. Concrete was used to patch large cracks and holes in the basement, and a sealant was sprayed to create a surface that can be cleaned after soil is removed from the basement. In addition, a 10-millimeter high-density polyethylene (HDPE) cover was placed over native soils surrounding the basement in order to accommodate the approximately 7,100 cubic yards (yd<sup>3</sup>) of soil placed in this area for temporary storage (Figure 1). Photographs are included in Appendix I.

On May 13, 1993, a HDPE cover was placed and anchored over the 7,100 yd<sup>3</sup> of soils in the Northern Temporary Soil Storage Area to prevent wind and rain erosion while the soils await treatment. The cover was anchored with sandbags, tires, and ropes. Photographs are shown in Appendix I. Pesticide-impacted soils excavated after May 13, 1993, were placed in the Southern Temporary Soil Storage Area.

### 2.2.2 Southern Temporary Soil Storage Area

Approximately 11,575 yd<sup>3</sup> of pesticide-impacted soils and approximately 300 yd<sup>3</sup> of total-petroleum-hydrocarbon (TPH) impacted soils were placed in the Southern Temporary Soil Storage Area depicted in Figure 2. The Southern Temporary Soil Storage Area was extended approximately seventy-five feet further south on June 2, 1993 to accommodate additional pesticide-impacted soil. TPH-impacted soils were placed in the southern portion of the storage area separate from pesticide-impacted soils. HDPE separates the TPH-impacted soils from the pesticide-impacted soils.

On September 8, 1993, a HDPE cover was placed and anchored over the Southern Temporary Soil Storage Area. The cover was anchored with sandbags, tires, and ropes similar to the Northern Temporary Soil Storage Area. Photographs are shown in Appendix I.

### 2.3 Installation of Sheet Piling

To prevent jeopardizing the foundation of the railroad tracks running parallel to the west boundary of the site, sheet piling (Figure 1) was installed during the start of soil excavation. Installation of sheet piling was performed according to contractor documentation shown in Appendix C-2. To allow for the installation of sheet piling, 250 feet of permanent security fencing was replaced with temporary fencing. Temporary Occupancy and Detour Agreements with Washington Central Railroad Company (Appendix C-3) were necessary prior to sheet piling installation.

Sheet piling was not removed at the completion of soil excavation activities. However, the top of the sheet piling wall was cut to approximately six inches below the ground surface, and temporary fencing was replaced with permanent security fencing.

#### 2.4 Groundwater Sampling and Analysis

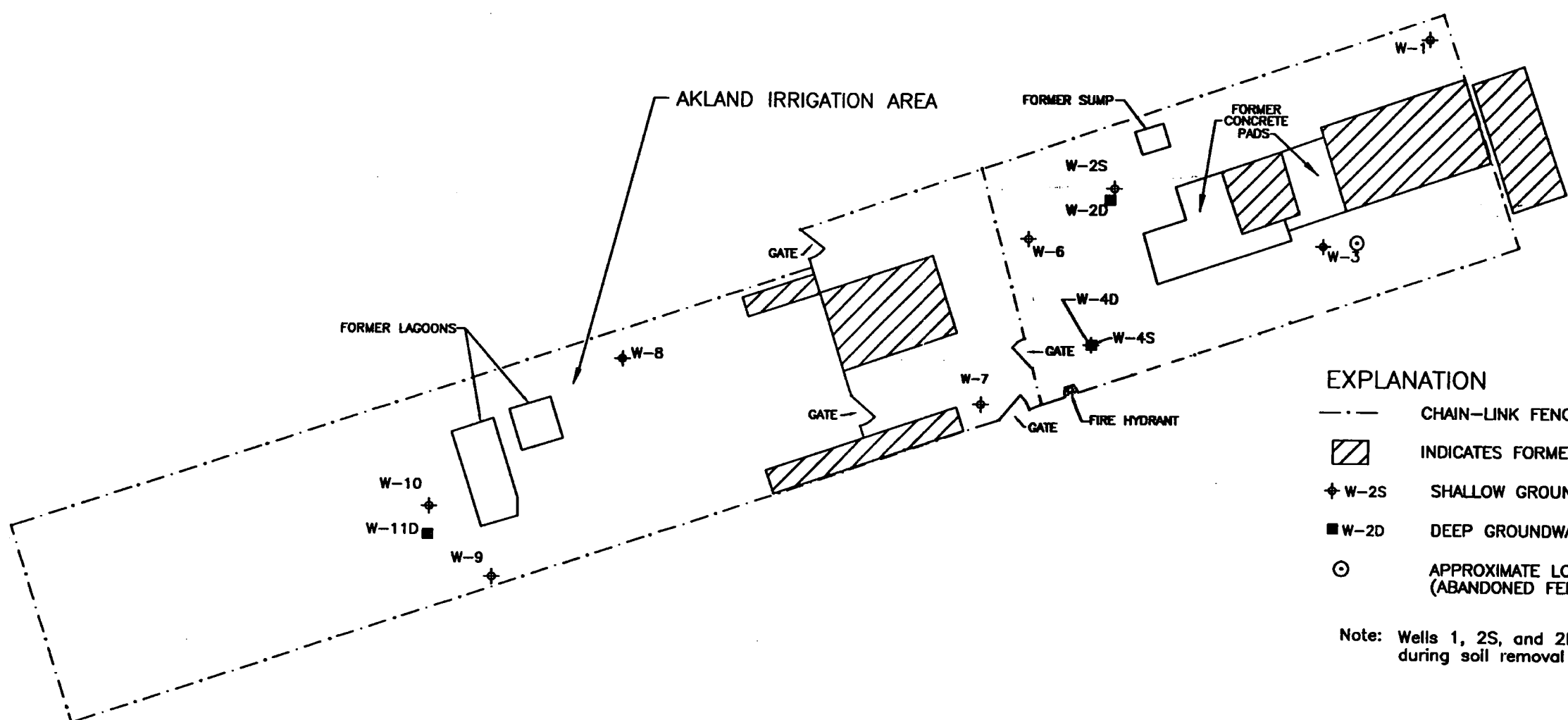
Prior to the start of soil removal activities, a complete round of groundwater samples were collected from 12 on-site wells and two upgradient background wells in accordance with Section 3 of the Work Plan. Well locations are shown in Figure 3. Groundwater sampling and analysis was performed to document the concentrations of indicator chemicals present in the groundwater prior to the removal of impacted soils (or source removal). Groundwater samples were analyzed by Southwest Laboratory of Broken Arrow, Oklahoma, Inc. (Southwest Labs). The type of analytical testing performed is listed in Table 2 of the Work Plan. Groundwater analytical data received from Southwest Labs are included in Appendix K.

#### 2.5 Management of Utilities

Railroad communication lines along the west side of the site were decommissioned and removed. Underground utilities such as sewer, water, gas, and abandoned pipelines discovered during building demolition activities were still marked for soil excavation activities. Smoke testing was performed on a shower drain in the basement of the Block Building. After approximately 30 minutes of pumping smoke into the drain, smoke was observed coming out of the ground along the southwest corner of the Hansen Shed located just north of the Woods site and the west foundation of the Block Building. Ultimately, the smoke testing was inconclusive in determining the drain's origin. As a result, the drain was capped with approximately six inches of concrete.

W-5D ■ ◆ W-5S

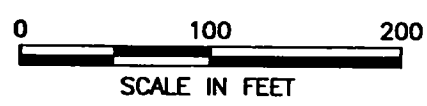
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EXPLANATION

- CHAIN-LINK FENCE
- ▨ INDICATES FORMER BUILDING LOCATION
- ◆ W-2S SHALLOW GROUNDWATER MONITORING WELL AND NUMBER
- W-2D DEEP GROUNDWATER MONITORING WELL AND NUMBER
- ⊙ APPROXIMATE LOCATION OF CROP KING WELL (ABANDONED FEBRUARY, 1992)

Note: Wells 1, 2S, and 2D were abandoned during soil removal activities.



<b>Burlington Environmental Inc.</b>	
GROUNDWATER MONITORING WELL LOCATION MAP	
WOODS INDUSTRIES SITE YAKIMA, WASHINGTON 12883088	FIGURE 3

Modified from Rogers Surveying Inc., Drawing File Number DWG90/18690, 1/30/91.

### 3 REMOVAL ACTIVITIES

This section describes the removal activities conducted and the methods employed including a summary of the materials removed and their storage or proper disposal, sampling, and additional site activities.

#### 3.1 Summary of Materials Removed

Table 3-1 summarizes the types of materials removed, quantities removed, and their treatment and/or disposal destination. Each type of material handled is discussed in the following sections.

Table 3-1

SUMMARY OF MATERIALS REMOVED  
WOODS INDUSTRIES SITE  
YAKIMA, WASHINGTON

Material Type	Destination	Quantity
Pesticide-impacted soil	Northern Temporary Soil Storage Area Southern Temporary Soil Storage Area	7,100 yd <sup>3</sup> 11,575 yd <sup>3</sup>
Highly concentrated pesticide-impacted soil	Five rolloff boxes	100 yd <sup>3</sup>
TPH-impacted soils	Southern Temporary Soil Storage Area	310 yd <sup>3</sup>
Lead and arsenic impacted soils	Four rolloff boxes	88 yd <sup>3</sup>
Contaminated debris	Chemical Waste Management Arlington, Oregon	289 tons
Capacitors from building demolition	Burlington Environmental Inc. Kent, Washington	One 55-Gallon Drum
Diesel fuel and oil	Burlington Environmental Inc. Kent, Washington	Four 55-Gallon Drums
Concrete Sump Contents	Remain On Site	Three 55-Gallon Drums
Unknown Material	Remain On Site	One 55-Gallon Drum
Clean debris	Terrace Heights Landfill Yakima, Washington	36 yd <sup>3</sup>
Scrap Metal	Pacific Steel Spokane, Washington	11 tons
Pentachlorophenolate-containing material	Remains On Site	One 55-Gallon Drum, 1/4 Full

yd<sup>3</sup> Cubic yards.



### 3.1.1 Pesticide-Impacted Soils

Soils impacted with pesticides represent the largest volume of material removed at the Woods site. Approximately 19,000 yd<sup>3</sup> of pesticide-impacted soils were excavated and placed in temporary storage areas.

Approximately 100 of the 19,000 yd<sup>3</sup> of pesticide-impacted soils excavated from an area directly adjacent to groundwater Monitoring Wells W-2S and W-2D shown on Figure 3. These soils were visibly contaminated and contained high concentrations of pesticides. Deteriorated 55-gallon drums buried in these soils were excavated as well.

On April 28, 1993, the 100 yd<sup>3</sup> of highly concentrated pesticide-impacted soil and 55-gallon drums were placed on HDPE over soils placed in the Southern Temporary Soil Storage Area. On May 11, the 55-gallon drums were segregated from the soils and stored on a temporary liner. These highly concentrated pesticide-impacted soils that may not be treatable via on-site thermal desorption were placed in five rolloff boxes shown on Figure 2. On June 9, 1993, preliminary samples were collected from the rolloff boxes (RB1, RB2, RB3, RB4, and RB5) to better characterize the material. Sampling data is included in Appendix E. The fate of the 55-gallon drums are described in Section 3.1.4.1.

### 3.1.2 TPH-Impacted Soils

During excavation of pesticide-impacted soils in the northeast section of the site, visible staining characteristic of TPH-impacted soils was observed. Based on aerial photographs of the site, five aboveground storage tanks existed in the area where the staining was observed. Further investigation revealed that some of these tanks contained petroleum at one time.

Preliminary samples were collected to assess the extent of the contamination and guide the excavation. Sampling data is included

in Appendix F. Approximately 450 yd<sup>3</sup> of material was excavated. Figure 1 depicts the approximate area where TPH-impacted soils were excavated. Samples collected on June 29, 1993, (SPPS-6, SPPS-7, SPPS-8, and SPPS-9) indicated that approximately 140 of the 450 yd<sup>3</sup> were below the cleanup level of 200 milligrams per kilogram (mg/kg) TPH and below the cleanup levels for pesticides. Sampling data for TPH and pesticides is included in Appendices E and F, respectively. The soils below cleanup levels were stockpiled on Forney Street to be used later as surficial backfill. The remaining 310 yd<sup>3</sup> were placed in the south portion of the Southern Temporary Soil Storage Area, separate from pesticide-impacted soils (Figure 2). Treatment of the TPH-impacted soils via thermal desorption will be described in the soil treatment work plan.

The excavation of TPH-impacted soils was limited to the east by the site boundary and to the west by the live eight-inch City of Yakima (City) water main (Figure 1) which could not be shut off per the City. Analytical results from preliminary samples collected adjacent and below the eight-inch water main indicate the presence of TPH contamination in an area along the foundation of the water main. This area will be addressed if necessary during the remediation of TPH impacted soils located east of the property boundary. Regarding the soils to the east of the property boundary where the extent of contamination is unknown, BNRR is pursuing an access agreement with Hansen Fruit and Cold Storage (Hansen) for further remediation of TPH-impacted soils.

### 3.1.3 Lead- and Arsenic-Impacted Soils

During excavation of pesticide-impacted soils approximately 50 feet north of the personnel decontamination area, a patch of white chalky material was discovered. Analysis indicated this white chalky material contained total concentrations of approximately 260,000 mg/kg of lead and 90,000 mg/kg of arsenic.

Excavation was performed similar to that of pesticide-impacted soils such that all visible contamination was excavated with subsequent preliminary sampling. Approximately 10 yd<sup>3</sup> of the white chalky material and approximately 78 yd<sup>3</sup> of adjacent soils containing lesser concentrations of both lead and arsenic were placed in covered rolloff boxes. Rolloff boxes were lined with HDPE. Subsequent to the placement of soils, the rolloff boxes were covered with plastic-coated tarpaulins. Analytical results indicate that the soils directly adjacent to the white chalky material typically contained concentrations of lead and arsenic two orders of magnitude less than the white chalky material. The locations of these rolloff boxes are shown on Figure 1.

Two composite samples of the "adjacent" soils were collected and analyzed by Southwest Labs for toxicity characteristic leaching procedure (TCLP) metals to better characterize the material and assess potential treatment and/or disposal options. Analytical results for lead and arsenic are included in Appendix G-3. Samples collected in the lead/arsenic excavation were also analyzed for pesticides with analytical results included in Appendix G-4.

#### 3.1.4 Miscellaneous Materials

Miscellaneous materials were removed and categorized into the following: contaminated debris, capacitors, diesel fuel and oil, concrete sump contents, unknown material, clean debris, and scrap metal. The quantities of materials removed are listed in Table 3-1.

##### 3.1.4.1 Contaminated Debris

As agreed by the USEPA and BNRR prior to the start of building demolition removal activities, visibly contaminated debris was

treated as a nonhazardous special waste and disposed of at Chemical Waste Management's Arlington, Oregon, facility (CWM).

The majority of the debris (approximately 244 tons) consisted of concrete from building foundations and an above-ground concrete vault. The concrete vault was located on the northeast portion of the site. Photographs of the concrete vault are shown in Appendix I. The remaining debris (45 tons) consisted of empty, deteriorated, 55-gallon drums excavated adjacent to groundwater monitoring wells W-2S and W-2D, as described in Section 3.1.1, and from the french drain area. On June 22, 1993, the 55-gallon drums were cut open and steam cleaned before being transported to CWM. A copy of the waste manifests and disposal certificates of the contaminated debris is included in Appendix C-4.

#### 3.1.4.2 Capacitors From Building Demolition

One 55-gallon drum of capacitors removed from light ballasts during building demolition activities was transported to Burlington Environmental's facility in Kent, Washington, for proper treatment and/or disposal. Light ballasts are suspect of containing polychlorinated biphenyls unless marked otherwise. A copy of the waste manifest and profile sheet is included in Appendix C-4.

#### 3.1.4.3 Diesel Fuel and Oil

Four 55-gallon drums of diesel fuel and oil were pumped from an underground heating oil tank located adjacent to the southwest corner of the Akland Building. The 55-gallon drums were transported to Burlington Environmental's facility in Kent, Washington, for proper treatment and/or disposal. A copy of the waste manifest and profile sheet is included in Appendix C-4.

#### 3.1.4.4 Concrete Sump Contents

A concrete sump was located directly south of the Akland Building. The sump's contents contained liquid and sediment which had been sampled during the RI. On June 30, 1993, the sump's contents were pumped into three 55-gallon drums and remained on site in the Akland Building storage area at the end of soil removal activities. After the sump's contents were removed, the sump was filled with clean sand and sealed with a concrete cap.

#### 3.1.4.5 Unknown Material

A small amount of white material was observed underwater in the north excavation. The white material was pumped into one 55-gallon drum on July 1, 1993. At the end of soil removal activities, the 55-gallon drum remained on site in the Akland Building storage area. This material will be sampled, characterized, and treated or disposed of as appropriate.

#### 3.1.4.6 "Clean" Debris

Approximately 36 yd<sup>3</sup> of clean debris was disposed of at Terrace Heights Landfill in Yakima, Washington. The debris largely consisted of concrete, wood, old security fencing, and brush cleared from the site. Disposal tickets from Terrace Heights Landfill are included in Appendix C-8.

#### 3.1.4.7 Scrap Metal

As agreed between the USEPA and BNRR prior to the start of removal activities, "to the extent practicable, scrap metal was recycled rather than disposed." As a result, approximately 11 tons

of scrap metal from the installation and management of the sheet piling wall were steam cleaned and transported to Pacific Steel in Spokane, Washington, to be recycled. The removed section of water main (ductile iron) was steam cleaned and reused by the Benton County Water Department to control stormwater runoff.

#### 3.1.4.8 Pentachlorophenate Containing Material

During building demolition, a 55-gallon drum, approximately one-quarter full, of an unknown pellet material was discovered in the northern exclusion zone. A sample of this material (PELL-1) was collected and analyzed by Laucks Testing Laboratories (Laucks) to characterize the composition of the material. Results of this analysis are included in Appendix L and indicate that the material contains pentachlorophenate. This material remains on site pending further evaluation of treatment or disposal options.

### 3.2 Preliminary Sampling

Approximately 1,500 preliminary samples were collected and analyzed during soil removal activities. The objective of preliminary sampling was to direct or guide further excavation. For example, after a specific area was excavated, preliminary samples were collected in the sidewalls and bottom of the excavation. Preliminary samples were analyzed for the indicator chemicals listed in Table 3-2 using a gas chromatograph system. The indicator chemicals' respective cleanup levels are also shown. On average, analytical results from preliminary sampling were received within 24 hours after excavation. If concentrations were below all the indicator chemicals' respective cleanup levels shown in Table 3-2, no further excavation was necessary in that specific area pending verification sampling as described in Section 3.4.



Table 3-2

## INDICATOR CHEMICALS AND THEIR RESPECTIVE CLEANUP LEVELS

Indicator Chemical	Cleanup Level (mg/kg)
p'p'-DDD	30
p'p'-DDE	10
p'p'-DDT	30
Dieldrin	0.63
Hexachlorobenzene	40

mg/kg Milligrams per kilogram.

Laucks, located approximately one mile from the site in Yakima, Washington, acted as an on-site laboratory. Typically, 20 to 30 preliminary samples were analyzed per day with a one-day turnaround time. After all preliminary samples in an area indicated that remaining soil was below the cleanup levels, verification samples were collected and analyzed. Preliminary sampling data is included in Appendix E. Preliminary sampling data for TPH and lead and arsenic impacted soils is included in Appendices F and G, respectively.

### 3.3 Preliminary Sampling West of the Sheet Piling Wall

The north excavation is bordered to the west by the sheet piling wall as described in Section 2.3. On June 21, 1993, at the request of the USEPA, 20 preliminary samples were collected off site at locations, evenly spaced along the west side of the sheet piling wall. Samples were collected from either 0.5 or 1.0 foot deep, as indicated in the sample number.

The samples were analyzed according to Section 3.2. The screening method analytical results indicate that concentrations in only one sample (WSPW14-01) exceeded cleanup levels containing a DDT concentration of 75 mg/kg. That sample also had a reported dieldrin concentration of 0.8 mg/kg; however, QA/QC checks indicate that the screening method has a tendency toward "false positive"

results for dieldrin. Therefore, dieldrin is likely below the cleanup level of 0.63 mg/kg in this sample. Sample data is included in Appendix E.

### 3.4 Verification Sampling

After preliminary sampling and analysis indicated the materials that exceed the cleanup levels were removed, verification sampling and analysis were performed. Verification sampling provides data to serve as evidence that the site had been cleaned to meet the cleanup criteria.

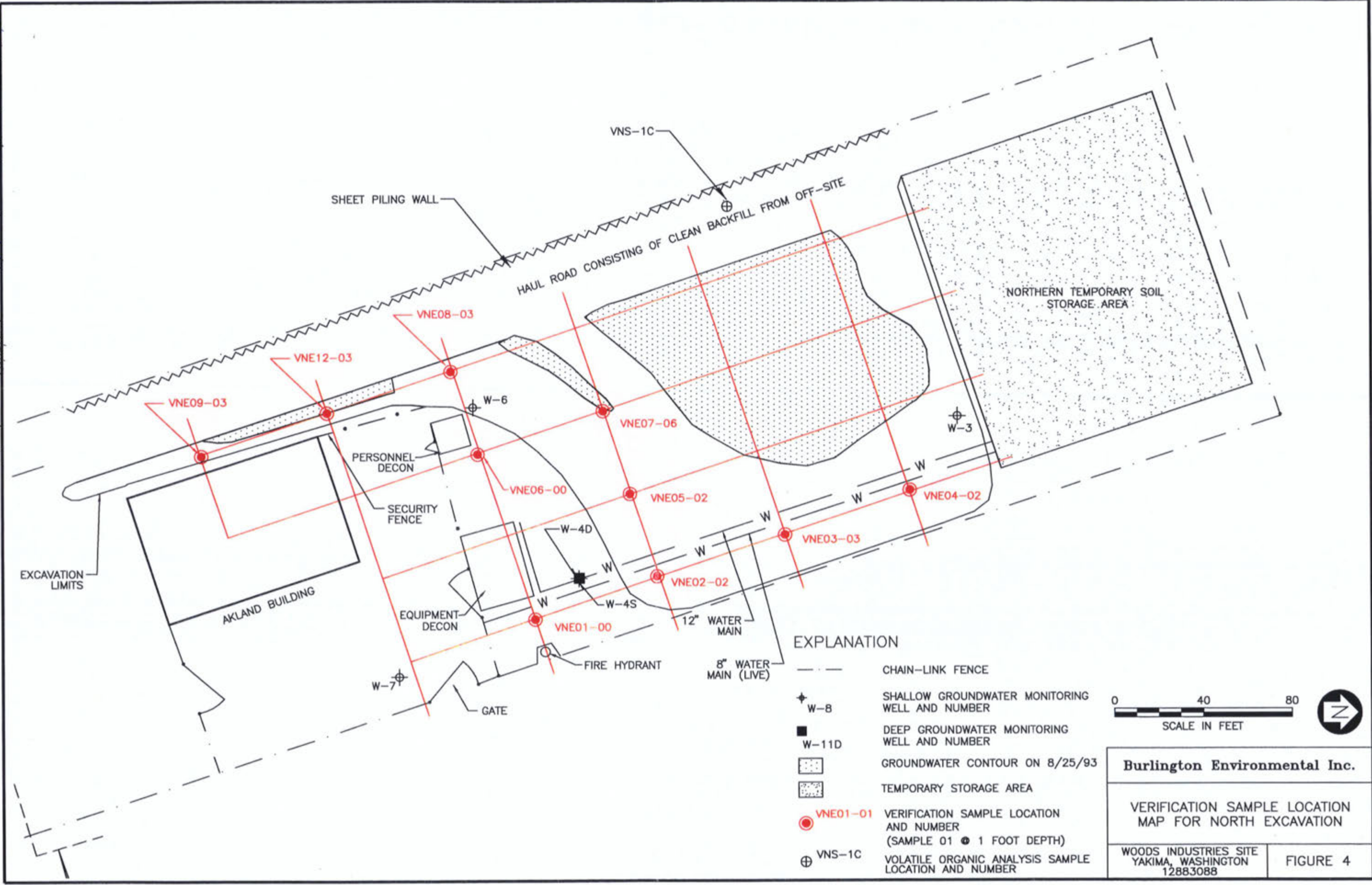
Completion of soil excavation in a particular area was determined by either receipt of verification sample analytical results indicating concentrations were below cleanup levels or if the bottom of the excavation was as close to groundwater as practicable. Soil below the groundwater was not disturbed. In each area where soil excavation was ceased due to groundwater, one sample was collected for volatile organic analysis (VOA) according to the Work Plan as described in Section 3.5.

Verification samples collected in the excavations were divided into four areas, the north excavation, the lagoon excavation, and two relatively small areas south of the lagoon excavation. Verification sampling of these areas are described in the following sections. Appendix H contains the quality assurance/quality control checked (QA/QC'ed) analytical data of the verification sampling and analysis performed.

#### 3.4.1 North Excavation

The north excavation includes the excavation north and west of the Akland Building. On August 12, 1993, verification samples were collected at the sample locations shown on Figure 4 in accordance with Section 4 of the Work Plan. Lead and arsenic were included on

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**EXPLANATION**

- CHAIN-LINK FENCE
- + W-8 SHALLOW GROUNDWATER MONITORING WELL AND NUMBER
- W-11D DEEP GROUNDWATER MONITORING WELL AND NUMBER
- ▨ GROUNDWATER CONTOUR ON 8/25/93
- ▨ TEMPORARY STORAGE AREA
- VNE01-01 VERIFICATION SAMPLE LOCATION AND NUMBER (SAMPLE 01 @ 1 FOOT DEPTH)
- ⊕ VNS-1C VOLATILE ORGANIC ANALYSIS SAMPLE LOCATION AND NUMBER



**Burlington Environmental Inc.**

VERIFICATION SAMPLE LOCATION  
MAP FOR NORTH EXCAVATION

WOODS INDUSTRIES SITE  
YAKIMA, WASHINGTON  
12883088

FIGURE 4

the list of parameters to be analyzed as a result of the white chalky material described in Section 3.1.3. However, in agreement with the USEPA, TPH was not analyzed as an access agreement for further excavation was being pursued.

Analytical results from Southwest Labs (Appendix H-8) indicated that concentrations are below the cleanup levels. Due to an inconsistency in duplicate sample results (VNE11-03, duplicate of VNE10-03) from verification sampling of the north excavation, Burlington Environmental personnel resampled the area on August 24, 1993 (samples VNE12 and VNE13). A statistical evaluation of the results in accordance with Section 4.1.2 of the Work Plan was performed with a summary included in Appendix H-8.

After analytical results indicated that no further excavation was required, cross sections of the excavation were measured. Cross sections of the north excavation are included in Appendix J-1.

#### 3.4.2 Lagoon Excavation

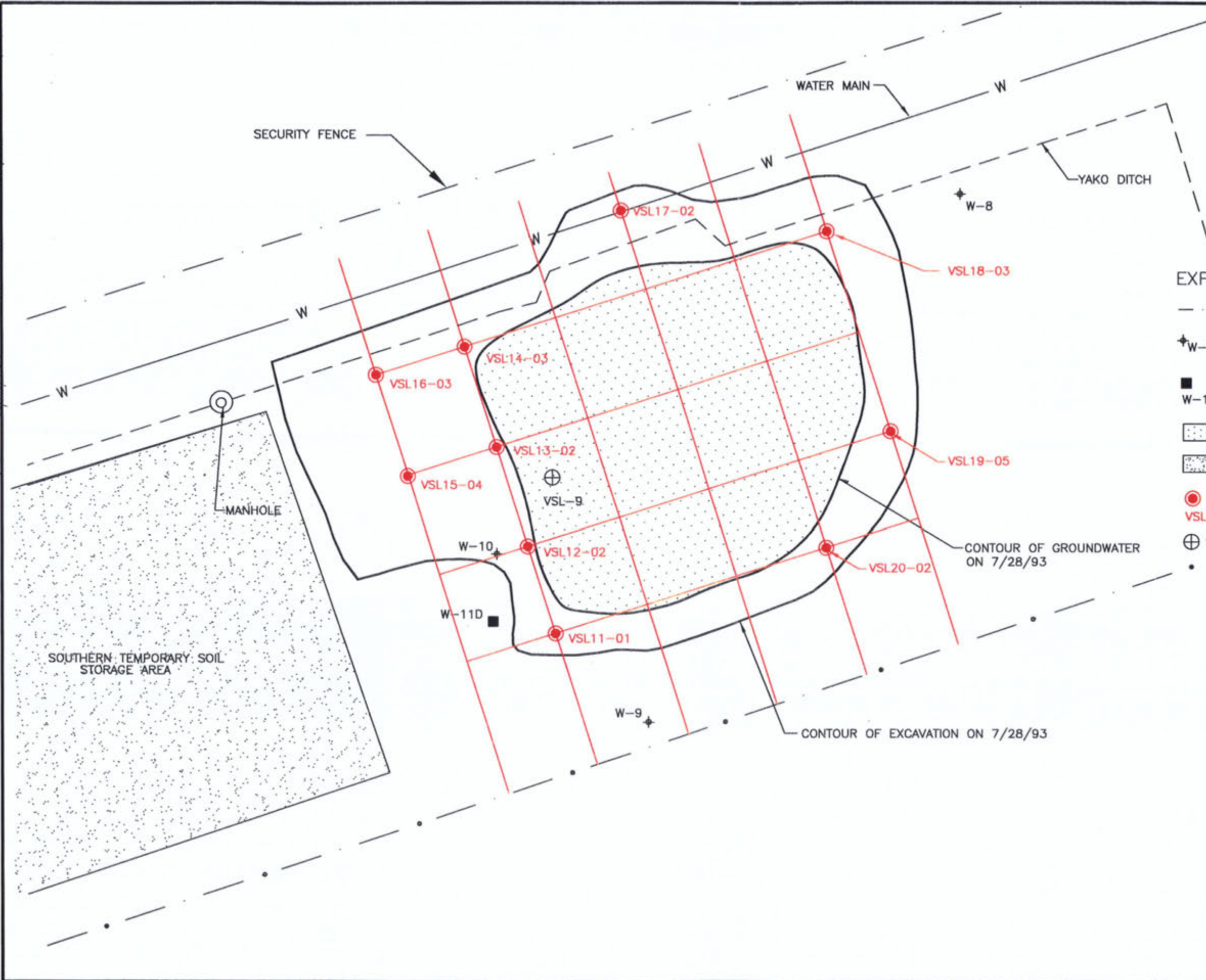
On May 6, 1993, verification samples were collected from the lagoon excavation. Analytical results (Appendix H-2) exceeded cleanup criteria. Further excavation was performed.

On June 29, 1993, ten samples were collected from the lagoon excavation where preliminary sampling indicated the area was clean. These samples were analyzed for QA/QC purposes by Sound Analytical Services in Tacoma, Washington, for DDT, DDD, DDE, and Dieldrin using EPA Method 8080. The results presented in Appendix E-4 were below the cleanup levels.

On July 28, 1993, additional verification samples were collected at the locations shown on Figure 5 in accordance with Section 4 of the Work Plan. Analytical results from Southwest Labs indicated concentrations below cleanup levels. These analytical results are included in Appendix H-7. A statistical evaluation of the results in accordance with Section 4.1.2 of the Work Plan was

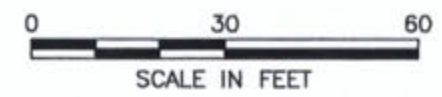


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EXPLANATION

- - - CHAIN-LINK FENCE
- ✦ W-8 SHALLOW GROUNDWATER MONITORING WELL AND NUMBER
- W-11D DEEP GROUNDWATER MONITORING WELL AND NUMBER
- [Dotted Box] GROUNDWATER CONTOUR ON 7/28/93
- [Stippled Box] TEMPORARY STORAGE AREA
- VSL16-03 VERIFICATION SAMPLE LOCATION AND NUMBER
- ⊕ VSL-9 VOLATILE ORGANIC ANALYSIS SAMPLE LOCATION AND NUMBER



**Burlington Environmental Inc.**

VERIFICATION SAMPLE LOCATION  
 MAP FOR LAGOON EXCAVATION

WOODS INDUSTRIES SITE  
 YAKIMA, WASHINGTON  
 12883088

FIGURE 5

performed. A summary of this evaluation is described in a memorandum also included in Appendix H-7.

After analytical results indicated that no further excavation was required, cross sections of the excavation were measured. Cross sections of the lagoon excavation are included in Appendix J-2.

#### 3.4.3 Excavation Areas South of Lagoon Excavation

Excavation was performed in two relatively small areas south of the Lagoon Excavation designated as E3 and E4 (Figure 2).

In Excavation E4, located near the south fence line, only two verification samples (VE4-1 and VE4-2) were collected due to the small size of the excavation and analyzed for indicator chemical concentrations. Analytical results indicated concentrations below cleanup levels. Sample data is included in Appendix H-3.

In Excavation E3, currently located beneath the Southern Temporary Soil Storage Area, two verification samples (VE3-1 and VE3-2) were collected prior to the placement of soils in the Southern Temporary Storage Area. Analytical results indicated concentrations exceeded cleanup levels. Sample data is included in Appendix H. Further excavation was not performed, because it was apparent that the Southern Temporary Soil Storage Area would be expanded over Excavation E3. After the removal and treatment of soils placed in the Southern Temporary Soil Storage Area, further excavation and subsequent verification sampling will be performed in Excavation E3 to document that the area is clean.

#### 3.5 Sampling VOAs

Where the excavation was stopped due to the proximity of groundwater, one composite sample was collected from the lagoon and north excavation bottom. The sampling location and collection



procedures were determined by agreement of BNRR's site manager and Region X's on-site coordinator.

Samples were collected on May 6, 1993, from the bottom of the north excavation and lagoon excavation and analyzed by Southwest Labs for VOAs (according to the Work Plan as requested by the Washington Department of Ecology), p'p'-DDT, DDD, DDE, hexachlorobenzene, and dieldrin, but the results were not used for cleanup verification purposes. The location of Sample VNS-1C from the north excavation is shown on Figure 4. The location of Sample VSL-9 from the lagoon excavation is shown on Figure 5. The results of both samples were nondetect for all parameters except for acetone and methylenechloride which were detected at low concentrations. Sample results are included in Appendix H-2.

### 3.6 Additional Site Activities

This section describes several additional site activities that were performed.

#### 3.6.1 Air Monitoring

Dust control practices were used to minimize the release of fugitive dust to the air and surrounding environment. A sprinkler system was installed and operated such that potential fugitive dust source areas were wetted as necessary. Air monitoring was conducted in accordance with Olympus Environmental's air monitoring protocols established on January 15, 1993, prepared by Rick Gleason, CIH, of Prezant Associates. An air sampling summary is presented in Appendix C-5.

### 3.6.2 Groundwater Elevation Monitoring

To document the seasonal fluctuation of the water table, groundwater levels were measured from existing on-site wells periodically during the soil removal activities. These levels are shown on Table 3-3. - Location of monitoring wells are shown on Figure 3. To allow for excavation of impacted soils, Groundwater Monitoring Wells 1, 2S, and 2D were abandoned according to Washington State Regulations. A copy of completed well construction forms are included in Appendix D-3.

### 3.6.3 Water Mains

Two City water mains (twelve and eight inches in diameter) were located within the site boundaries. The eight-inch water main, described in Section 3.1.2., limited the excavation of TPH-impacted soils. Special precautions were taken to prevent jeopardizing the City water main foundation during excavation.

Approval to shut off a 12-inch City water main was obtained and performed by the City. A 250-foot section of the 12-inch water main was removed to allow for further excavation north and south of the Akland Building. A preliminary sample (PWPS-1) was collected at the bottom of the water main excavation and analyzed prior to removal to document that the area was clean. As a result, the water main was cut, allowed to drain, and capped.

### 3.6.4 Yako Ditch Drain Line

To enable further excavation of pesticide-impacted soils along the west side of the lagoon area, it was necessary to relocate a fifty foot section of the Yako Ditch drain (Figure 2) approximately ten feet west. The contents of this drain line and where the Yako

Table 3-3

## GROUNDWATER ELEVATIONS

WOODS INDUSTRIES SITE  
YAKIMA, WASHINGTON

Well Number	Surface Elevation	Groundwater Elevations Collected On Specific Dates											
		March 10	April 2	April 21	April 27	April 29	May 3	May 11	May 18	May 25	June 15	July 20	August 11
1	1014.8	1003.8	1003.6	1004.0	1004.5	1004.6	A	A	A	A	A	A	A
2s	1017.8	1003.3	1003.0	1003.4	1003.9	1004.0	A	A	A	A	A	A	A
2d	1018.0	1003.1	1002.8	1003.0	1003.5	1003.6	A	A	A	A	A	A	A
3	1018.3	1003.4	1003.1	NC	1003.9	1004.0	1004.3	1005.0	1005.4	1005.9	1007.1	1007.8	1005.3
4s	1016.6	1003.1	1002.8	NC	1003.5	1003.6	1003.9	1004.6	1005.0	1005.6	1006.7	NC	1006.7
4d	1016.6	1003.1	1002.8	NC	1003.5	1003.8	1003.9	1004.6	1005.0	1005.6	1006.7	1007.5	1006.7
5S	1020.4	1004.8	1004.4	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
5D	1020.5	1004.5	1004.2	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
6	1016.8	1003.1	1002.8	1003.0	1003.6	1003.7	1004.1	1004.8	1005.3	1005.7	1006.9	1007.8	1007.7
7	1015.1	1002.6	1002.3	NC	1003.0	1003.2	1003.5	1004.3	1004.7	1005.2	1006.4	1007.2	1005.4
8	1012.3	1002.3	1002.0	1002.2	1002.6	1002.8	1003.0	1003.5	1004.1	1004.5	1005.6	1006.3	1004.4
9	1012.1	1001.8	1001.5	1001.6	1002.1	1002.3	1002.6	1003.2	1003.5	1004.0	1005.1	1005.8	1003.6
10	1011.4	1001.9	1001.6	1001.8	1002.1	1002.3	1002.5	1003.2	1003.6	1003.9	1005.1	1005.8	1003.8
11	1011.7	1001.4	1001.1	NC	1001.5	1001.7	1001.9	1002.5	1002.9	1003.4	1004.5	1005.2	1003.2

Note: Wells 5S and 5D were not collected after April 2, 1993, because the wells are located off site.

A Well was abandoned to enable further excavation.

NC Not collected.

Ditch drain line originates are unknown. Photographs are included in Appendix I.

#### 3.6.5 Construction of Haul Roads

The construction of haul roads was necessary to transport the soils from the excavation areas to soil storage areas and to transport backfill as described in Section 4.1. Haul roads were constructed of clean fill transported from off-site. The haul road along the sheet piling wall (Figure 4) was used to transport soils excavated from the north portion of the site to the Southern Temporary Soil Storage Area. On May 25, 1993, compaction testing was performed with a nuclear density gauge on the clean backfill that had been transported from off site and placed along the sheet piling wall. Test results indicated a density above the required 95% and are included in Appendix C-3.

#### 4 POST-REMOVAL ACTIVITIES

Post-removal activities included backfilling excavations, replacing a 12-inch City water main, securing the site, and demobilizing.

##### 4.1 Excavation Backfilling

After analytical results confirmed that no further excavation was necessary in accordance with the Work Plan and approval of the USEPA, approximately 11,150 tons of clean soil was transported from off site and placed as backfill in all excavations (except the TPH-excavation) to a depth of one foot above the predicted seasonal groundwater high (expected to be approximately six feet below ground surface). After the soils placed in the storage areas are treated, the soils will be used to backfill the remainder of the excavations.

##### 4.2 Installation of Water Main

As discussed in Section 3.6.3, a 12-inch City water main was removed in the Northern Excavation to allow for further excavation. After excavation of contaminated soils was completed per verification sampling discussed in Section 3.4.1, the 250-foot section of water main was replaced according to City specifications.

##### 4.3 Security Fencing

Prior to the start of soil removal activities, permanent security fencing surrounded the entire site. Sections of the permanent security fencing were removed for the installation of

sheet piling discussed in Section 2.3 and the excavation west of the lagoon. During these activities temporary fencing was used. At the end of soil removal activities, a new permanent security fence was installed along the entire west boundary of the site.

#### 4.4 Other Post-Removal Activities

Following the completion of backfill activities, the contractor performed demobilization activities. Olympus Environmental secured the temporary storage areas to protect against wind and rain erosion of the contaminated soil. All of the contractor's equipment was removed and the site fence secured. Miscellaneous materials contained in 55-gallon drums were stored inside the Akland Building Storage Area. General site cleanup was performed.

5 CERTIFICATION OF REPORT

Under penalty of law, I certify that based on personal knowledge and appropriate inquiries of all relevant persons involved in the preparation of the report, the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

John W. DeLan 10/13/93  
Signature Date

On-Site Coordinator  
Title

David Eagleton 10/13/93  
Signature Date

Assistant Project Manager  
Title





APPENDIX A

Administrative Order on Consent (Number 1087-03-18-106)

2 UNITED STATES  
3 ENVIRONMENTAL PROTECTION AGENCY  
4 REGION 10

5  
6 IN THE MATTER OF:

7 WOODS INDUSTRIES SITE

8 Burlington Northern Railroad,

9  
10 Proceeding Under Sections  
11 106(a) and 122 of the  
12 Comprehensive Environmental  
13 Response, Compensation, and  
U.S.C. §§9606(a) and 9622

ADMINISTRATIVE ORDER ON  
CONSENT FOR REMOVAL RESPONSE  
ACTIVITIES

U.S. EPA Region 10  
CERCLA  
Docket No. 1087-03-18-106

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15 I. JURISDICTION AND GENERAL PROVISIONS

16 1.1 This Order is issued pursuant to the authority vested in  
17 the President of the United States by sections 106(a) and 122 of  
18 the Comprehensive Environmental Response, Compensation, and  
19 Liability Act of 1980, 42 U.S.C. §§ 9606(a) and 9622, as amended  
20 ("CERCLA"), and delegated to the Administrator of the United States  
21 Environmental Protection Agency ("EPA") by Executive Order No.  
22 12580, January 23, 1987, 52 Federal Register 2923, and further  
23 delegated to the EPA Regional Administrators and the EPA Assistant  
24 Administrator for Solid Waste and Emergency Response by EPA  
25 Delegation Nos. 14-14-A and 14-14-B. This authority is conferred  
26 on the EPA Region 10 Chief, Superfund Response and Investigations

1 Branch by Regional Redelelegation Order signed by the Regional  
2 Administrator.

3 1.2 This Administrative Order on Consent (Order) is entered  
4 into voluntarily by the EPA and, Respondent Burlington Northern  
5 Railroad Company ("BNR") and its receivers, trustees, successors  
6 and assigns. This Order provides for the performance of removal  
7 actions by Respondent and the reimbursement of response costs  
8 incurred by the United States in connection with the property  
9 located at 1 East King Street in Yakima, Washington, and known as  
10 the "Woods Industries Site". This Order requires the Respondent  
11 to conduct removal actions described herein to abate an imminent  
12 and substantial endangerment to the public health, welfare or the  
13 environment that may be presented by the actual or threatened  
14 release of hazardous substances at or from the Woods Industries  
15 Site.

16 1.3 EPA has notified the State of Washington of this action  
17 pursuant to section 106(a) of CERCLA, 42 U.S.C. § 9606(a).

18 1.4 Respondent's participation in this Order shall not  
19 constitute or be construed as an admission of liability or of EPA's  
20 findings or determinations contained in this Order except in a  
21 proceeding to enforce the terms of this Order. Respondent agrees  
22 to comply with and be bound by the terms of this Order. Respondent  
23 further agrees that it will not contest the basis or validity of  
24 this Order or its terms.

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II. PARTIES BOUND

2.1 This Order applies to and is binding upon EPA, and upon Respondent and its directors, officers, employees, agents, receivers, trustees, successors and assigns. Any change in ownership or corporate status of Respondent including, but not limited to, any transfer of assets or real or personal property shall in no way alter Respondent's responsibilities under this Order.

2.2 Respondent shall ensure that its contractors, subcontractors, and representatives receive a copy of this Order and comply with this Order. Respondent shall be responsible for any noncompliance by such persons.

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III. FINDINGS OF FACT

3.1 The Woods Industries facility (hereinafter the "Woods site," "site" or "facility"), is a facility as defined in Section 101(9) of CERCLA, 42 U.S.C. § 9109(9), and a former pesticide formulation and distribution operation located in the city of Yakima, Washington. The site is the areal extent of contamination that consists of approximately four (4) acres of land, located at 1 East King Street in Yakima, Washington. The site is located within the city limits of Yakima, Washington, in a commercial and industrial area.

3.2 Burlington Northern Railroad Company is a Delaware corporation authorized to do business in the state of Washington. BNR's principal offices are located in Fort Worth, Texas. The

1 mailing address of BNR for purposes of this order is:

2 Mel Burda  
3 Manager, Environmental Projects  
4 Burlington Northern Railroad Company  
5 9401 Indian Creek Parkway  
6 Overland Park, Kansas 66210

7 3.3 BNR is the land owner of the site. Several individuals and  
8 corporations used the site for pesticide formulation and related  
9 operations from at least 1945 until at least 1985 under leases from  
10 BNR and its predecessors. Site operators have included, among  
11 others, Crop King Co., Richey & Gilbert Co., Akland Irrigation Co.,  
12 Inc. and their respective officers and directors. Between  
13 approximately 1980 and May 1985, Woods Industries, Incorporated  
14 (hereinafter "Woods") occupied the site and operated a pesticide  
15 business on property leased from BNR.

16 3.4 In May 1985, the lease between BNR and Woods expired and  
17 was not renewed. Woods no longer occupies the site. No current  
18 operation is present at the site. BNR now controls the site.

19 3.5 A wide variety of hazardous substances, including arsenic,  
20 aldrin, strychnine, lindane, carbamates, and DDT, were used in the  
21 pesticide formulation process on the site. Site inspections and  
22 assessments conducted by EPA in October and November of 1985,  
23 revealed that a number of drums and chemical containers were  
24 present on the site. The inspections and assessments revealed  
25 chemical contamination in the soils at the site.

26 3.6 Pursuant to an Administrative Order on Consent for Immediate  
27 Response and Stabilization Activities issued by EPA and dated  
28 December 6, 1985 (Order No. 1085-10-02-106), BNR was ordered to  
perform several actions, including: restricting access to the

1 property, securing pools or solid spills within the buildings of  
2 the property, securing drums and bottled chemicals on the property  
3 to prevent release of their contents, and securing the entrances  
4 and lower windows of buildings on the property.

5 3.7 In addition to these actions, the order required BNR to:  
6 analyze the on-site groundwater well and provide to EPA information  
7 on the casing, screening and depth of that well; further  
8 investigate the extent of hazardous substance contamination of  
9 soils, groundwater, and surface waters at the facility; and  
10 investigate pathways for contamination migration.

11 3.8 The above-mentioned actions were undertaken with the  
12 knowledge that more extensive response actions would be required to  
13 address the significant and varied environmental hazards at this  
14 facility.

15 3.9 BNR contracted with Morrison-Knudsen Engineers,  
16 Incorporated (hereinafter "MKE") to implement the actions required  
17 by the December 6, 1985 Consent Order. MKE conducted site  
18 characterization studies from July through October 1987 covering  
19 air, surface water, soil, and shallow groundwater investigations.  
20 The findings and conclusions from those studies are contained in  
21 the following documents which have been reviewed and accepted by  
22 EPA: 1) a Preliminary Site Characterization Report prepared by MKE  
23 and dated March 1987; 2) a letter addressed to Jeff Webb of EPA,  
24 dated March 28, 1988; 3) a letter addressed to Jeff Webb, EPA,  
25 dated July 6, 1987; and 4) quarterly groundwater monitoring data.

26 3.10 Pursuant to an Amended Order on Consent dated June 28,  
27 1990, for a Remedial Investigation and Feasibility Study, BNR

1 completed a Remedial Investigation, which was approved by EPA on  
2 Sept. 16, 1992.

3 3.11 The Remedial Investigation revealed extensive  
4 contamination of the surface and subsurface soils at the site. The  
5 hazardous substances of greatest concern in the soils are  
6 pesticides including DDT and Dieldrin, hexachlorobenzene, lead,  
7 mercury, and arsenic. The main sources of this contamination  
8 appears to be past waste disposal units including a sump, a  
9 washdown area, and a series of lagoons. Most of the contamination  
10 on site appears to be located in soils in and around these units.  
11 The contamination around these units extends from the surface to  
12 the watertable. The maximum concentrations detected in soils  
13 within these units are: DDT-30,000 ppm; Dieldrin-200 ppm;  
14 hexachlorobenzene- 23,000 ppm; lead- 143,800 ppm; mercury-88.5 ppm;  
15 and arsenic-543 ppm. The Remedial Investigation indicates that  
16 concentrations of contaminants outside of these areas is much lower  
17 and the contamination doesn't extend lower than 2 to 3 feet below  
18 the surface.

19 3.12 The Remedial Investigation found visible evidence of  
20 chemical contamination inside the Woods buildings including dry  
21 powder above ceiling panels in the basement and stained areas on  
22 the floors and walls. Bags containing asbestos material are  
23 located in one of the buildings. The buildings are generally in a  
24 dilapidated condition.

25 3.13 The Remedial Investigation found that groundwater under the  
26 site is contaminated with many of the same chemicals found in the  
27 soils including DDT, Dieldrin, and hexachlorobenzene. The highest

1 concentrations of chemicals found in groundwater on site are: DDT-  
2 77 ppb; Dieldrin- 16 ppb; and hexachlorobenzene- 11 ppb. Highest  
3 concentrations of contaminants were found in the upper portion of  
4 the aquifer in the area of greatest soil contamination.  
5 Concentrations of contaminants in the ground water decreases with  
6 depth.

7 3.14 Conditions presently exist at the site that may present a  
8 imminent and substantial endangerment to public health or welfare  
9 or the environment.

10 3.15 The conditions at the site meet the criteria for a removal  
11 action as stated in the National Contingency Plan, 40 C.F.R.  
12 Section 300.415 as follows:

13 A. Actual or potential exposure to nearby human  
14 population, animals, or the food chain from hazardous  
15 substances: There are two businesses operating directly  
16 adjacent to the site. There is a threat of trespassers coming  
17 into direct contact with the residual chemical product within  
18 the buildings. There is also a threat of residual chemical  
19 product in the building blowing onto neighboring businesses.

20 B. Threat of fire or explosion: There is a risk that  
21 transients associated with the adjacent railroad lines may seek  
22 shelter in the abandoned buildings on site and inadvertently set  
23 fire to the buildings in an effort to keep warm or to heat food.  
24 The smoke from an uncontrolled fire would contain hazardous  
25 substances that represent a threat to the neighboring  
26 population.



1 3.16 DDT is a chlorinated organic pesticide which together with  
2 its metabolites DDD and DDE, is very persistent in the environment.  
3 DDT, DDD, and DDE are probable human carcinogens. Exposure to DDT  
4 can also result in adverse impacts to the central nervous system  
5 including excitability, tremors, and seizures.

6 3.17 Dieldrin is resistant to biodegradation and abiotic  
7 degradation and therefore can accumulate in the environment.  
8 Dieldrin is a probable human carcinogen. In high doses, Dieldrin  
9 is a neurotoxin that affects the central nervous system and can  
10 produce tremors, convulsions, coma, and even death. Short-term  
11 exposure can result in symptoms such as headaches, dizziness,  
12 irritability, loss of appetite, and convulsions.

13 3.18 Hexachlorobenzene is a probable carcinogen. Long-term  
14 exposure can result in hepatic toxicity, kidney effects, immune  
15 system abnormalities, and neurological effects.

16  
17 IV. CONCLUSIONS OF LAW AND DETERMINATIONS

18 4.1 Based on the Findings of Fact set forth above, and the  
19 Administrative Record supporting these removal actions, EPA  
20 determines that:

21 (A) The Woods Industries Site is a "facility" as defined  
22 by section 101(9) of CERCLA, 42 U.S.C. § 9601(9).

23 (B) Each substance identified in the Findings of Fact above  
24 is a "hazardous substance" as defined by section 101(14) of CERCLA,  
25 42 U.S.C. § 9601(14).

26 (C) The Respondent is a "person" as defined by section  
27 101(21) of CERCLA, 42 U.S.C. § 9601(21).

4.2 Respondent is liable under section 107(a) of CERCLA, 42 U.S.C. § 9607(a) as the "owner" of the facility, as defined by section 101(20) of CERCLA, 42 U.S.C. § 9601(20), and within the meaning of section 107(a)(1) of CERCLA, 42 U.S.C. § 9607(a)(1).

4.3 The conditions described in the Findings of Fact above constitute an actual or threatened "release" into the "environment" as defined by sections 101(8) and (22) of CERCLA, 42 U.S.C. §§ 9601(8) and (22).

4.4 The conditions present at the facility constitute a threat to public health, welfare, or the environment based upon the factors set forth in the National Oil and Hazardous substances Pollution Contingency Plan (NCP), 40 C.F.R. § 300.415(b)(2).

4.5 The actual or threatened release of hazardous substances from the Site may present an imminent and substantial endangerment to the public health, welfare, or the environment within the meaning of section 106(a) of CERCLA, 42 U.S.C. § 9606(a).

4.6 The removal actions required by this Order are necessary to protect the public health, welfare, or the environment, and are not inconsistent with the NCP and CERCLA.

#### V. ORDER

5.1 Based upon the foregoing Findings of Fact, Conclusions of Law, Determinations, and the Administrative Record for this Site, it is hereby ordered and agreed that Respondent shall comply with the following provisions, including but not limited to all attachments, all documents incorporated by reference, and all schedules and deadlines attached to, or incorporated by reference

1 into this Order, and perform the following actions:

2 5.2 Designation of Contractor, Project Coordinator, and On-  
3 Scene Coordinator. Respondent shall perform the work itself or  
4 retain a contractor(s) to implement this removal action.  
5 Respondent shall notify EPA of Respondent's qualifications or the  
6 name(s) and qualification(s) of such contractor(s) within five (5)  
7 days of the effective date of this Order. Respondent shall also  
8 notify EPA of the name(s) and qualification(s) of any other  
9 contractor(s) or subcontractor(s) retained to perform work under  
10 this Order at least five (5) days prior to commencement of such  
11 work. EPA retains the right to disapprove of any, or all, of the  
12 contractors and/or subcontractors retained by the Respondent. If  
13 EPA disapproves of a contractor selected by the Respondent,  
14 Respondent shall retain a different contractor within five (5) days  
15 following EPA's disapproval and shall notify EPA of that  
16 contractor's name and qualifications within five (5) days of EPA's  
17 disapproval.

18 5.3 Within five (5) days after the effective date of this  
19 Order, the Respondent shall designate a Project Coordinator who  
20 shall be responsible for administration of all the Respondent's  
21 actions required by the Order. Respondent shall submit the  
22 designated coordinator's name, address, telephone number, and  
23 qualifications to EPA. To the greatest extent possible, the  
24 Project Coordinator shall be present on site or readily available  
25 during site work. EPA retains the right to disapprove of any  
26 Project Coordinator named by the Respondent. If EPA disapproves of  
27 a selected Project Coordinator, Respondent shall retain a different

1 Project Coordinator and shall notify EPA of that person's name and  
2 qualifications within five (5) days following EPA's disapproval.  
3 Receipt by Respondent's Project Coordinator of any notice or  
4 communication from EPA relating to this Order shall constitute  
5 receipt by Respondent.

6 5.4 The EPA has designated Bob Kievit of Region 10 as its On-  
7 Scene Coordinator (OSC). Respondent shall direct all submissions  
8 required by this Order to the OSC at:

9 United States Environmental Protection  
10 Agency, Region 10  
11 Washington Operations Office  
12 C/O Washington Department Of Ecology  
13 P.O. Box 47600  
14 Olympia, Washington 98604-7600

15 EPA and Respondent shall have the right to change their designated  
16 OSC or Project Coordinator. EPA shall notify the Respondent, and  
17 Respondent shall notify EPA, five (5) days before such a change is  
18 made. The initial notification may be orally made but it shall be  
19 promptly followed by a written notice. (See Section VI - Authority  
20 of the EPA On-scene Coordinator).

21 5.5 Work to Be Performed. Pursuant to Section 106(a) of  
22 CERCLA, 42 U.S.C., Part 9606(a), as amended, Respondent shall  
23 conduct all removal activities in accordance with the requirements  
24 of this order. The removal action shall include the building  
25 demolition and disposal, and debris disposal. The removal action  
26 shall be conducted in accordance with the Work Plan (Attachment A)  
27 and the Schedule of Deliverables (Attachment B) which are  
28 incorporated into this Consent Order. All such removal activities

1 shall be conducted in accordance with CERCLA, the NCP, and EPA  
2 guidance.

3       5.6 Work Plan and Implementation. The Respondent has submitted  
4 to EPA an approved Final Work Plan (Attachment A) for the building  
5 demolition and disposal, and debris disposal. The Work Plan  
6 provides a description of, and an expeditious schedule for, the  
7 activities required by this Order.

8       5.7 Respondent shall implement the Work Plan as finally  
9 approved in writing by EPA in accordance with the schedule approved  
10 by EPA. The approved Work Plan and schedule shall be fully  
11 enforceable under this Order. Respondent shall notify EPA in  
12 writing at least 48 hours prior to performing any on-site work  
13 pursuant to an EPA-approved Work Plan. Respondent shall not  
14 commence or undertake any removal actions at the Site without prior  
15 EPA approval.

16       5.8 Health and Safety Plan. Ten (10) days before Respondent  
17 commences any removal action, the Respondent shall submit for EPA  
18 review and comment a plan that ensures the protection of the public  
19 health and safety during performance of on-site work under this  
20 Order. This plan shall be prepared in accordance with EPA's  
21 Standard Operating Safety Guide, dated November 1984, and updated  
22 July 1988. The plan shall comply with applicable Occupational  
23 Safety and Health Administration (OSHA) regulations found at 29  
24 C.F.R. Part 1910, dated March 6, 1989. In addition, the plan shall  
25 also comply with all applicable Washington Industrial Safety and  
26 Health Act (WISHA) regulations found at WAC Chapter 296-62. If  
27 EPA determines that it is appropriate, the plan shall also include

1 contingency planning. Respondent shall incorporate all changes to  
2 the plan recommended by EPA, and implement the plan during the  
3 removal action.

4 5.9 Quality Assurance and Sampling. All sampling and analyses  
5 performed pursuant to this Order shall conform to EPA direction,  
6 approval, and guidance regarding sampling, quality  
7 assurance/quality control (QA/QC), data validation, and chain of  
8 custody procedures. Respondent shall ensure that the laboratory  
9 used to perform the analyses participates in a QA/QC program that  
10 complies with the appropriate EPA guidance. Respondent shall  
11 follow the following documents as appropriate as guidance for QA/QC  
12 and sampling: "Quality Assurance/Quality Control Guidance for  
13 Removal Activities: Sampling QA/QC Plan and Data Validation  
14 Procedures," OSWER Directive Number 9360.4-01; "Environmental  
15 Response Team Standard Operating Procedures," OSWER Directive  
16 Numbers 9360.4-02 through 9360.4-08; and the representative  
17 Sampling Guidance for soil, air, ecology, waste, and water as this  
18 information becomes finalized and available.

19 5.10 Upon request by EPA, Respondent shall have the  
20 laboratory analyze samples submitted by EPA for quality-assurance  
21 monitoring. Respondent shall provide to EPA the quality  
22 assurance/quality control procedures followed by all sampling teams  
23 and laboratories performing data collection and/or analysis.

24 5.11 Upon request by EPA, Respondent shall allow EPA or its  
25 authorized representatives to take split and/or duplicate samples  
26 of any samples collected by Respondent while performing work under  
27 this Order. Respondent shall notify EPA not less than five (5)

1 days in advance of any sample collection activity, or with the  
2 approval of the OSC if less than five days. EPA shall have the  
3 right to take any additional samples that it deems necessary.

4 5.12 Respondent shall submit to EPA the results of all  
5 sampling or tests and all other data generated by Respondent or its  
6 contractor(s), or on the Respondent's behalf during implementation  
7 of this Order. This information shall be submitted to EPA, as it  
8 becomes available, in the written progress reports and shall be  
9 summarized in the final report submitted pursuant to paragraph  
10 5.16.

11 5.13 Post-Removal Site Control. To the extent practicable,  
12 Respondent shall provide for post-removal site control consistent  
13 with the NCP, 40 C.F.R. § 300.415(k) and OSWER Directive 9360.2-02.  
14 Respondent shall provide EPA with documentation indicating that  
15 these post-removal site control arrangements have been made with  
16 the local/state governments.

17 5.14 Reporting. Respondent shall submit a written progress  
18 report to EPA concerning activities undertaken pursuant to this  
19 Order every seven (7) days after the date of receipt of EPA's  
20 approval of the Work Plan until termination of this Order, unless  
21 otherwise directed by the OSC. These reports shall describe all  
22 significant developments during the preceding period, including the  
23 work performed and any problems encountered, analytical data  
24 received during the reporting period, and the developments  
25 anticipated during the next reporting period, including a schedule  
26 of work to be performed, anticipated problems, and planned  
27 resolutions of past or anticipated problems.

1           5.15 Any Respondent and Successor(s) in title shall, at least  
2 30 days prior to the conveyance of any interest in real property at  
3 the site, give written notice of this Order to the transferee and  
4 written notice to EPA and the State of the proposed conveyance,  
5 including the name and address of the transferee. The party  
6 conveying such an interest shall require that the transferee comply  
7 with Paragraph 5.15 - Access to Property and Information.

8           5.16 Final Report. Within thirty (30) days after completion  
9 of the removal action required under this Order, the Respondent  
10 shall submit for EPA review and approval a final report summarizing  
11 the actions taken to comply with this Order. The final report  
12 shall conform, at a minimum, with the requirements set forth in the  
13 NCP, 40 C.F.R. § 300.165 entitled "OSC Reports". The final report  
14 shall include a good faith estimate of total costs or statement of  
15 actual costs incurred in complying with the Order, a listing of  
16 quantities and types of materials removed, a discussion of removal  
17 and disposal options considered for those materials, a listing of  
18 the ultimate destination of those materials, a presentation of the  
19 analytical results of all sampling and analyses performed, and  
20 accompanying appendices containing all available relevant  
21 documentation generated during the removal action (e.g., manifests,  
22 invoices, bills, contracts, and permits). All relevant  
23 documentation not available when the final report is submitted  
24 shall be forwarded to EPA as soon as it becomes available. The  
25 final report shall also include the following certification signed  
26 by a person who supervised or directed the preparation of that  
27 report:



1 Under penalty of law, I certify that based on personal  
2 knowledge and appropriate inquiries of all relevant persons  
3 involved in the preparation of the report, the information  
4 submitted is true, accurate, and complete. I am aware that  
5 there are significant penalties for submitting false  
6 information, including the possibility of fine and  
7 imprisonment for knowing violations.

8 5.17 Access to Property and Information. Respondent shall  
9 provide and/or obtain access to the Site and appropriate off-site  
10 areas, and provide access to all records and documentation related  
11 to the conditions at the Site and the activities conducted pursuant  
12 to this Order. Such access shall be provided to EPA employees,  
13 contractors, agents, consultants, designees, representatives, and  
14 State of Washington representatives. These individuals shall be  
15 permitted to move freely at the Site and appropriate off-site areas  
16 in order to conduct activities which EPA determines to be  
17 necessary. Respondent shall submit to EPA the results of all  
18 sampling or tests and all other data generated by Respondent or its  
19 contractor(s), or on the Respondent's behalf during implementation  
20 of this Order.

21 5.18 Where work under this Order is to be performed in areas  
22 owned by or in possession of someone other than Respondent,  
23 Respondent shall use its best efforts to obtain all necessary  
24 access agreements within thirty (30) days after the effective date  
25 of this Order, or as otherwise specified in writing by the OSC.  
26 Respondent shall immediately notify EPA if after using its best  
27 efforts it is unable to obtain such agreements. Respondent shall

1 describe in writing its efforts to obtain access. EPA may then  
2 assist Respondent in gaining access, to the extent necessary to  
3 effectuate the response activities described herein, using such  
4 means as EPA deems appropriate.

5 5.19 Record Retention, Documentation, Availability of  
6 Information. Respondent shall preserve all documents and  
7 information relating to work performed under this Order, or  
8 relating to the hazardous substances found on or released from the  
9 Site, for at least ten years following completion of the removal  
10 actions required by this Order. At the end of this ten year period  
11 and 30 days before any document or information is destroyed,  
12 Respondent shall notify EPA that such documents and information are  
13 available to EPA for inspection, and upon request, shall provide  
14 the originals or copies of such documents and information to EPA.  
15 In addition, Respondent shall provide documents and information  
16 retained under this section at any time before expiration of the  
17 ten year period at the written request of EPA.

18 5.20 Respondent may assert a business confidentiality claim  
19 pursuant to 40 C.F.R. § 2.203(b) with respect to part or all of any  
20 information submitted to EPA pursuant to this Order, provided such  
21 claim is allowed by section 104(e)(7) of CERCLA, 42 U.S.C.  
22 § 9604(e)(7). Analytical and other data specified in section  
23 104(e)(7)(F) of CERCLA shall not be claimed as confidential by the  
24 Respondent. EPA shall only disclose information covered by a  
25 business confidentiality claim to the extent permitted by, and by  
26 means of the procedures set forth at, 40 C.F.R. Part 2, Subpart B.  
27 If no such claim accompanies the information when it is received by

1 EPA, EPA may make it available to the public without further notice  
2 to Respondent.

3 5.21 Respondent shall maintain a running log of privileged  
4 documents on a document-by-document basis, containing the date,  
5 author(s), addressee(s), subject, the privilege or grounds claimed  
6 (e.g., attorney work product, attorney-client), and the factual  
7 basis for assertion of the privilege. Respondent shall keep the  
8 "privilege log" on file and available for inspection. EPA may at  
9 any time challenge claims of privilege through negotiations or  
10 otherwise as provided by law or the Federal Rules of Civil  
11 Procedure.

12 5.22 Off-Site Shipments. All hazardous substances,  
13 pollutants or contaminants removed off-site pursuant to this Order  
14 for treatment, storage or disposal shall be treated, stored, or  
15 disposed of at a facility in compliance, as determined by EPA, with  
16 the EPA Revised "Off-Site Policy," OSWER Directive Number 9834.11,  
17 November 13, 1987. (see 42 U.S.C. § 9621(d)(3).)

18 5.23 Compliance With Other Laws. All actions required  
19 pursuant to this Order shall be performed in accordance with all  
20 applicable local, state, and federal laws and regulations except as  
21 provided in CERCLA section 121(e) and 40 C.F.R. section 300.415(i).  
22 In accordance with 40 C.F.R. section 300.415(i), all on-site  
23 actions required pursuant to this Order shall, to the extent  
24 practicable, as determined by EPA, considering the exigencies of  
25 the situation, attain applicable or relevant and appropriate  
26 requirements (ARARs) under federal environmental, state  
27 environmental, or facility siting laws ("The Superfund Removal  
28 CONSENT ORDER - Page 18 of 31

1 Procedure for Consideration of ARARs for Removal Actions," OSWER  
2 Directive No. 9360.3-02, August 1991).

3 5.24 Emergency Response and Notification of Releases. If any  
4 incident, or change in site conditions, during the activities  
5 conducted pursuant to this Order causes or threatens to cause an  
6 additional release of hazardous substances from the Site or an  
7 endangerment to the public health, welfare, or the environment, the  
8 Respondent shall immediately take all appropriate action to  
9 prevent, abate or minimize such release, or endangerment caused or  
10 threatened by the release. Respondent shall also immediately  
11 notify the OSC at (206) 753-9014 or, in the event of his/her  
12 unavailability, shall notify the Regional Duty Officer at (206)  
13 553-1263 of the incident or site conditions.

14 5.25 In addition, in the event of an actual release of a  
15 hazardous substance, Respondent shall immediately notify the  
16 National Response Center at telephone number (800) 424-8802.  
17 Respondent shall submit a written report to EPA within (seven (7))  
18 days after each release, setting forth the events that occurred and  
19 the measures taken or to be taken to mitigate any release or  
20 endangerment caused or threatened by the release and to prevent the  
21 reoccurrence of such a release. This reporting requirement is in  
22 addition to, not in lieu of, reporting under CERCLA section 103(c)  
23 and section 304 of the Emergency Planning and Community Right-To-  
24 Know Act of 1986, 42 U.S.C. sections 11001 et seq.

1 VI. AUTHORITY OF THE EPA ON-SCENE COORDINATOR

2 6.1 The OSC shall be responsible for overseeing the proper  
3 and complete implementation of this Order. The OSC shall have the  
4 authority vested in an OSC by the NCP, including the authority to  
5 halt, conduct, or direct any work required by this Order, or to  
6 direct any other response action undertaken by EPA or Respondent at  
7 the Site. Absence of the OSC from the Site shall not be cause for  
8 stoppage of work unless specifically directed by the OSC.

9 EPA and Respondent shall have the right to change their designated  
10 OSC or Project Coordinator. EPA shall notify the Respondent, and  
11 Respondent shall notify EPA five (5) days before such a change is  
12 made. Notification may initially be made orally, but shall be  
13 followed promptly by written notice.

14 VII. REIMBURSEMENT OF COSTS

15 7.1 Respondent shall reimburse EPA for all past response  
16 costs and response costs incurred by the United States in  
17 overseeing Respondent's implementation of the requirements of this  
18 Order. After the end of each federal fiscal year in which  
19 Respondent performs work under the original Administrative Consent  
20 Order executed on October 11, 1988, the Amended Administrative  
21 Consent Order executed on June 28, 1990, and under this Order, EPA  
22 will submit to Respondent a detailed accounting of all costs,  
23 incurred by and/or billed to the United States after the effective  
24 date of the original Consent Order in connection with response,  
25 oversight, and community relations, costs and activities conducted  
26 by the United States government and its contractors and

1 representatives with respect to the implementation of the original  
2 Administrative Consent Order, the Amended Administrative Consent  
3 Order, and this Order.

4 7.2 Respondent shall, within (60) days of receipt of the  
5 bill, remit a cashier's, certified or corporate check for the  
6 amount of those costs made payable to the "Hazardous Substance  
7 Superfund," with a copy of such transaction sent to the EPA  
8 Project/On-Scene Coordinator. Remittances shall addressed to:

9 U.S. Environmental Protection Agency Region 10  
10 Superfund Accounting  
11 P.O. Box 360903M  
12 Pittsburgh, Pennsylvania 15251.

13 Respondent shall simultaneously transmit a copy of the check to  
14 EPA.

15 Regional Hearing Clerk  
16 Office of Regional Counsel  
17 U.S. E.P.A. Region 10, SO-125  
18 1200 Sixth Avenue  
19 Seattle, Washington 98101

20 Payments shall be designated as Oversight and/or Past Response  
21 Costs and shall reference the payor's name and address, the EPA  
22 site identification number (WAD027583525), and the docket number of  
23 this Order.

24 7.3 Interest at the rate established under section 107(a) of  
25 CERCLA, 42 U.S.C. § 9607(a), shall begin to accrue on the unpaid  
26 balance from the day after the expiration of the Sixty (60) day  
27 period, notwithstanding any dispute or an objection to any portion  
28 of the costs.

7.4 Respondent may dispute all or part of a bill submitted  
under this Order, if Respondent determines that EPA has made an  
accounting error, or if Respondent alleges that a cost item that is

1 included represents costs that are inconsistent with the NCP.

2 7.5 If any dispute over costs is resolved before payment is  
3 due, the amount due will be adjusted as necessary. If the dispute  
4 is not resolved before payment is due, Respondent shall pay the  
5 full amount of the uncontested costs into the Hazardous Substances  
6 Trust Fund as specified above on or before the due date. Within  
7 the same time period, Respondent shall pay the full amount of the  
8 contested costs into a market rate interest-bearing escrow account.  
9 Respondent shall simultaneously transmit a copy of both checks to  
10 the EPA OSC. Respondent shall ensure that the prevailing party or  
11 parties in the dispute shall receive the amount upon which they  
12 prevailed from the escrow funds plus interest within (30) days  
13 after the dispute is resolved.

14  
15 **VIII. DISPUTE RESOLUTION**

16 8.1 The parties to this Order shall attempt to resolve,  
17 expeditiously and informally, any disagreements concerning this  
18 Order. If the Respondent objects to any EPA action taken pursuant  
19 to this Order, the Respondent shall notify EPA in writing of its  
20 objection(s) within fourteen (14) days of receipt of such  
21 notification or action, unless the objections have been informally  
22 resolved. EPA and the Respondent shall have seven (7) days from  
23 receipt of the notification of objection to reach agreement. If  
24 agreement is reached, it will be reduced to writing and will become  
25 a fully enforceable part of this Order. If agreement cannot be  
26 reached on any issue within this seven (7) day period, an EPA  
27 official will issue a written decision to the Respondent.

1 Respondent's obligations under this Order shall not be tolled by  
2 submission of any objection for dispute resolution under this  
3 section.

4 8.2 Following resolution of the dispute, as provided by this  
5 section, Respondent shall fulfill the requirement that was the  
6 subject of the dispute in accordance with the agreement reached or  
7 with EPA's decision, whichever occurs. No EPA decision made  
8 pursuant to this section shall constitute a final agency action  
9 giving rise to judicial review.

10  
11 IX. FORCE MAJEURE

12 9.1 Respondent agrees to perform all requirements under this  
13 Order within the time limits established under this Order, unless  
14 the performance is delayed by a force majeure. For purposes of  
15 this Order, a force majeure is defined as any event arising from  
16 causes beyond the control of Respondent or of any entity controlled  
17 by Respondent, including but not limited to their contractors and  
18 subcontractors, that delays or prevents performance of any  
19 obligation under this Order despite Respondent's best efforts to  
20 fulfill the obligation. Force majeure does not include financial  
21 inability to complete the work or increased cost of performance.  
22 Respondent shall notify EPA orally within forty eight (48) hours  
23 after the event, and in writing within seven (7) days, after  
24 Respondent become(s) or should have become aware of events that  
25 constitute a force majeure. Such notice shall: identify the event  
26 causing the delay or anticipated delay; estimate the anticipated  
27 length of delay, including necessary demobilization and re-



1 mobilization; state the measures taken or to be taken to minimize  
2 the delay; and estimate the timetable for implementation of the  
3 measures. Respondent shall take all reasonable measures to avoid  
4 and minimize the delay. Failure to comply with the provisions of  
5 this section shall waive any claim of force majeure by the  
6 Respondent.

7 9.2 If EPA determines a delay is or was attributable to a  
8 force majeure, the time period for performance under this Order  
9 shall be extended as deemed necessary by EPA. Such an extension  
10 shall not alter Respondent's obligation to perform or complete  
11 other tasks required by the Order that are not directly affected  
12 by the force majeure.

#### 13 14 X. STIPULATED PENALTIES

15 10.1 Stipulated penalties shall be paid by Respondent, upon  
16 notification by EPA to do so, into the Hazardous Substance Response  
17 Trust Fund according to the procedures described below. Stipulated  
18 penalties shall not apply to any act or omission that is the  
19 subject of ongoing dispute resolution under Section VIII of this  
20 Order unless EPA determines that the dispute resolution procedures  
21 were invoked by Respondent frivolously or in bad faith or for the  
22 purpose of delay. Stipulated penalties shall accrue commencing  
23 upon Respondent's receipt of an EPA written determination of  
24 disapproval, upon the failure of Respondent to meet the schedule  
25 specified in Attachment B of this Consent Order, or upon written  
26 notice from EPA to Respondent that a violation of this Order has  
27 occurred:

1 A. Failure to submit the following major deliverables  
2 and/or perform the following removal actions in compliance with the  
3 requirements of this Consent Order, and in accordance with the  
4 Schedules incorporated in the Work Plans and Schedule of  
5 Deliverables; in the amount up to \$500 per day for the first week  
6 of violation or delay, up to \$1,000 per day for the second week of  
7 violation or delay, and up to \$3,750 per day for the third week of  
8 violation or delay and each day thereafter.

- 9 1) Begin Mobilization of Demolition project
- 10 2) Complete Demolition project

11 10.2 Subject to paragraph 10.1, EPA may require that  
12 Respondent shall pay into the Hazardous Substances Superfund the  
13 sums set forth above as stipulated penalties with a copy of such  
14 transaction sent to EPA Project/OSC Coordinator. Certified checks  
15 or money orders shall be made out to the Hazardous Substances  
16 Superfund and specifically reference the identity of the Site and  
17 be addressed to:

18 U.S. Environmental Protection Agency Region 10  
19 Superfund Accounting  
20 P.O. Box 360903M  
Pittsburgh, Pennsylvania 15251.

21 Nothing herein shall prevent the simultaneous accrual of separate  
22 penalties for separate violations of this Order. Penalties are  
23 assessed per violation per day. Penalties shall accrue regardless  
24 of whether EPA has notified Respondent of a violation or act of  
25 noncompliance. Respondent must perform the work even if stipulated  
26 penalties are assessed.

1                    **XI. RESERVATION OF RIGHTS**

2            11.1 Nothing herein shall limit the power and authority of EPA  
3 or the United States to take, direct, or order all actions  
4 necessary to protect public health, welfare, or the environment or  
5 to prevent, abate, or minimize an actual or threatened release of  
6 hazardous substances, pollutants or contaminants, or hazardous or  
7 solid waste on, at, or from the Site. Further, nothing herein  
8 shall prevent EPA from seeking legal or equitable relief to enforce  
9 the terms of this Order, from taking other legal or equitable  
10 action as it deems appropriate and necessary, or from requiring the  
11 Respondent in the future to perform additional activities pursuant  
12 to CERCLA or any other applicable law.

13  
14                    **XII. OTHER CLAIMS**

15            12.1 By issuance of this Order, the United States and EPA  
16 assume no liability for injuries or damages to persons or property  
17 resulting from any acts or omissions of Respondent. The United  
18 States or EPA shall not be deemed a party to any contract entered  
19 into by the Respondent or their directors, officers, employees,  
20 agents, successors, representatives, assigns, contractors, or  
21 consultants in carrying out activities pursuant to this Order.

22            12.2 *Except as expressly provided*, nothing in this Order  
23 constitutes a satisfaction of or release from any claim or cause of  
24 action against the Respondent or any person not a party to this  
25 Order, for any liability such person may have under CERCLA, other  
26 statutes, or the common law, including but not limited to any  
27 claims of the United States for costs, damages and interest under

1 section 106(a) and 107(a) of CERCLA, 42 U.S.C. § 9606(a) and  
2 9607(a).

3 12.3 This Order does not constitute a preauthorization of  
4 funds under section 111(a)(2) of CERCLA, 42 U.S.C. § 9611(a)(2).  
5 The Respondent waive(s) any claim to payment under sections 106(b),  
6 111, and 112 of CERCLA, 42 U.S.C. §§ 9606(b), 9611 and 9612,  
7 against the United States or the Hazardous Substances Superfund  
8 arising out of any activity performed under this Order.

9 12.4 No action or decision by EPA pursuant to this Order shall  
10 give rise to any right to judicial review except as set forth in  
11 section 113(h) of CERCLA, 42 U.S.C. § 9613(h).

12  
13 **XIII. CONTRIBUTION**

14 13.1 With regard to claims for contribution against Respondent  
15 for matters addressed in this Order, the Parties hereto agree that  
16 the Respondent is entitled to such protection from contribution  
17 actions or claims to the extent provided by section 113(f)(2) of  
18 CERCLA, 42 U.S.C. § 9613(f)(2).

19 13.2 Nothing in this Order precludes Respondent from asserting  
20 any claims, causes of action or demands against any persons not  
21 parties to this Order for indemnification, contribution, or cost  
22 recovery.

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XIV. INDEMNIFICATION

14.1 Respondent agree(s) to indemnify, save and hold harmless the United States, its officials, agents, contractors, and employees from any and all claims or causes of action arising from, or on account of, acts or omissions of Respondent, its officers, directors, officers, employees, agents, contractors, subcontractors, receivers, trustees, successors or assigns, in carrying out activities pursuant to this Order.

XV. INSURANCE

15.1 At least seven (7) days prior to commencing any on-site work under this Order, the Respondent shall secure, and shall maintain for the duration of this Order, comprehensive general liability insurance and automobile insurance with limits of at least one million dollars, combined single limit. Within the same time period, the Respondent shall provide EPA with certificates of such insurance and a copy of each insurance policy. If the Respondent demonstrates by evidence satisfactory to EPA that any contractor or subcontractor maintains insurance equivalent to that described above, or insurance covering the same risks but in a lesser amount, then the Respondent need provide only that portion of the insurance described above which is not maintained by such contractor or subcontractor.

XVI. MODIFICATIONS

16.1 Modifications to any plan or schedule shall be made in writing by the OSC. Minor field modifications to any plan or

1 schedule may be made in writing by the OSC, or at the OSC's oral  
2 direction. If the OSC makes an oral modification, it will be  
3 memorialized in writing within seven (7) days; provided, however,  
4 that the effective date of the modification shall be the date of  
5 the OSC's oral direction. Any other requirements of the Order may  
6 be modified by mutual agreement of the parties and shall be in  
7 writing.

8 16.2 If Respondent seeks permission to deviate from any  
9 approved Work Plan or schedule, Respondent's Project Coordinator  
10 shall submit a written request to EPA for approval outlining the  
11 proposed Work Plan modification and its basis.

12 16.3 No informal advice, guidance, suggestion, or comment by  
13 EPA regarding reports, plans, specifications, schedules, or any  
14 other writing submitted by the Respondent shall relieve the  
15 Respondent of obligations to obtain such formal approval as may be  
16 required by this Order, and to comply with all requirements of this  
17 Order unless it is formally modified.

18 16.4 If EPA determines that additional response actions not  
19 included in an approved plan are necessary to protect public  
20 health, welfare, or the environment, EPA will notify Respondent of  
21 that determination. Unless otherwise stated by EPA, within thirty  
22 days of receipt of notice from EPA that additional response  
23 activities are necessary to protect public health, welfare, or the  
24 environment, Respondent shall submit for approval by EPA a work  
25 plan for the additional response activities. The plan shall  
26 conform to the applicable requirements of this Order. Upon EPA  
27 approval of the plan, Respondent shall implement the plan for

1 additional response activities in accordance with the provisions  
2 and schedule contained therein. This section does not alter or  
3 diminish the OSC's authority to make oral modifications to any plan  
4 or schedule.

5  
6 **XVII. NOTICE OF COMPLETION**

7 17.1 When EPA determines, after EPA's review of the Final  
8 Report, that all work has been fully performed in accordance with  
9 this Order, with the exception of any continuing obligations  
10 required by this Order, EPA will provide notice to the Respondent.  
11 If EPA determines that any removal activities have not been  
12 completed in accordance with this Order, EPA will notify the  
13 Respondent, provide a list of the deficiencies, and require that  
14 Respondent submit to EPA a Work Plan to correct such deficiencies.  
15 The Respondent shall implement the new and approved Work Plan and  
16 shall submit a modified Final Report in accordance with the EPA  
17 notice. Failure by Respondent to implement this approved Work Plan  
18 shall be a violation of this Order.

19  
20 **XVIII. SEVERABILITY**

21 18.1 If a court issues an order that invalidates any provision  
22 of this Order or finds that Respondent have sufficient cause not to  
23 comply with one or more provisions of this Order, Respondent shall  
24 remain bound to comply with all provisions of this Order not  
25 invalidated or determined to be subject to a sufficient cause  
26 defense by the court's order.

XIX. EFFECTIVE DATE

19.1 The effective date of this Consent Order is the date on which it is signed by the EPA Region 10 Chief, Superfund Response and Investigations Branch.

The undersigned representative of Respondent certifies that it is fully authorized to enter into the terms and conditions of this Order and to bind the parties it represents to this document.

Agreed

By Melvin L. Burda

Title Manager Environmental Projects

It is so ORDERED and Agreed this \_\_\_\_\_ day of \_\_\_\_\_, 199\_\_.

BY: \_\_\_\_\_ DATE: \_\_\_\_\_

Jim M. Everts, Chief  
Superfund Response and Investigations Branch  
Region 10  
U.S. Environmental Protection Agency



**B**

APPENDIX B  
Weekly Project Status Reports

April 5, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop PVII  
Olympia, Washington 98504

Dear Mr. Kievit:

Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project  
Weekly Status Report, March 29, 1993 through April 4,  
1993

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From 3/29/93 through 4/04/93:

March 29, 1993 Burlington Environmental and Olympus Environmental mobilized to the site. Burlington Environmental personnel were conducting groundwater monitoring. The field office was set up. Railroad communications lines that had been cut by Washington Central Railroad were rolled up and moved to the decontamination pad.

March 30, 1993 Olympus conducted a daily safety meeting. Groundwater monitoring continued. Liners for the temporary storage piles were delivered to the site. Additional equipment was mobilized to the site including pile driving equipment and a dump truck. Olympus and Burlington Environmental met with Washington Central Railroad to discuss temporary occupancy to facilitate excavation near tracks. Decon water from previous building demolition work was discharged to the Yakima city sewer system in accordance with Permit # CY92001.1.. Bob Kievit with the USEPA Region X was on site.

Page 2  
Mr. Bob Kievit

March 31, 1993 Olympus conducted a safety meeting. Groundwater monitoring continued. 2,400 pounds of scrap metal from previous building demolition activities was shipped for recycling. Preparation of the southern soil storage area began today. Water mains and storm drains were located. Bob Kievit and Bruce Sheppard were on site.

April 1, 1993 Olympus and Washington Central Railroad signed the Detour and Temporary Occupancy Agreement. Preparation of the southern storage area was completed and the liner was spread and secured. A "smoke" test was conducted on the old shower drain in the basement of the Woods Block Building. Results were inconclusive; however, smoke was observed rising out of the soil near the northwest corner of the foundation wall. Telephone and gas lines were located. Groundwater monitoring continued.

April 2, 1993 Olympus conducted a safety meeting. Along the west side of the northern exclusion zone the fence was removed, 100' of precast for sheet piling was completed according to design, and temporary fencing was installed. Concrete was used to patch cracks and holes in the foundations of Woods Building #1 and the Block Building to prepare them for soil storage. Groundwater monitoring was completed.

April 3, 1993 Weekend break, no work.

April 4, 1993 Weekend break, no work.

II. Problems or Difficulties:

No problems or difficulties were encountered.

III. Upcoming Activities:

Activities planned for next week include completing the layout of the northern excavations, driving sheet piling, beginning soil excavation, and preliminary sampling of the excavations. The northern soil storage area will be constructed. Access for excavation beneath the southern boundary fence will be arranged.

Page 3  
Mr. Bob Kievit

Please call me at 509-575-7953 if you have any questions regarding this weekly progress report.

Sincerely yours,  
BURLINGTON ENVIRONMENTAL INC.



Michael S. Martin  
On Site Coordinator

MSM/MSM/SRWEK1.LET

cc: David Eagleton and Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Lee Otis (USEPA)  
Anne Little (BNRR)  
Tom Backer (Preston, Thorginson, Shidler, Gates, and Ellis)  
Marla Stromcha (Olympus Environmental)

April 12, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop PVII  
Olympia, Washington 98504

Dear Mr. Kievit:

Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project  
Weekly Status Report, April 5, 1993 through April 11, 1993

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

**I. Project Activities From 4/05/93 through 4/11/93:**

April 5, 1993 Olympus conducted a health and safety meeting. Excavation of the inside and outside lagoons areas began. Sheet pile driving began.

April 6, 1993 Olympus conducted a health safety meeting. Excavation of the inside lagoons areas continued. Sheet pile driving continued. The basement of the northern woods building was cleaned. Preliminary soil samples were collected from excavated areas.

April 7, 1993 Olympus conducted a health and safety meeting. Driving of the sheet piling continued. Excavation of the south lagoon, north lagoon, and outside lagoon areas continued. Preliminary soil samples were collected from the southern and northern lagoons and the outside lagoons areas excavations. A sealant was applied to the northern building basement which will be used to temporarily store soils.

April 8, 1993 Olympus conducted a health and safety meeting. Driving of the sheet piling continued. Excavation of the south lagoon continued. Preliminary soil samples were collected from the north and south lagoons excavations.

April 9, 1993 Olympus conducted a health and safety meeting. Pile driving continued. Excavation of the north lagoon and the outside lagoons areas continued. Preliminary samples were collected. The southern storage pile was covered and secured for the upcoming easter weekend break.

April 10, 1993 Weekend break, no work.

Page 2  
Mr. Bob Kievit  
April 12, 1993

April 11, 1993 Weekend break, no work.

**II. Problems or Difficulties:**

No problems or difficulties were encountered.

**III. Upcoming Activities:**

Activities planned for next week include completing driving of the sheet piling. The northern soil storage area will be constructed. The northern excavation areas will be laid out and excavation of these areas will begin following completion of sheet piling. Excavation and preliminary sampling of the inside and outside lagoons areas will continue.

Please call me at 509-575-7953 if you have any questions regarding this weekly progress report.

Sincerely yours,  
BURLINGTON ENVIRONMENTAL INC.

*Mike Martin*   
Michael S. Martin  
On Site Coordinator

MSM/MSM/SRWEEK2.LET

cc: David Eagleton and Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Lee Otis (USEPA)  
Anne Little (BNRR)  
Tom Backer (Preston, Thorginson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus Environmental)

April 19, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop PVII  
Olympus, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima Washington  
Soil Removal Project, Weekly Status Report  
April 12, 1993, Through April 18, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From April 12, 1993, Through April 18, 1993

**April 12, 1993** Burlington Environmental and Olympus Environmental, Inc., (Olympus) conducted a safety meeting. Pile Contractors Inc. (Pile Contractors) continued to install sheet piling. Burlington Environmental collected preliminary samples from the north lagoon area and the outside lagoon areas. Olympus excavated approximately 150 cubic yards of soil from the lagoon areas and placed these soils in the southern temporary soil storage area. Burlington Environmental received results on preliminary samples from Laucks Laboratory, Inc., (Laucks) on samples collected from the south lagoon area indicating that the southwest one-fourth was excavated to clean material.

**April 13, 1993** Burlington Environmental and Olympus conducted a safety meeting. Pile Contractors completed sheet piling; however, they were informed by Olympus that the 10 foot "drift" of the planned line may not be acceptable. Excavation below the former concrete wash pad south of the Woods Building #2 foundation was started and approximately 45 cubic yards was excavated and placed in the northern building basement foundations for temporary storage. Olympus removed and stockpiled material from the temporary road constructed to facilitate building demolition. Burlington Environmental collected preliminary samples from the outside lagoon areas and from the excavation below the former wash pad. Burlington Environmental received results on preliminary samples collected from the lagoon and outside lagoons areas. David Eagleton was on site.



Page 2  
Mr. Bob Kievit  
April 19, 1993

**April 14, 1993** Burlington Environmental and Olympus conducted a safety meeting. Pile Contractors decontaminated their equipment and demobilized. Excavation in the french drain area began and approximately 330 cubic yards of soil was excavated and placed in the north building foundations for temporary storage. Excavation in the lagoon area continued, and approximately 143 cubic yards of soil was placed in the southern storage pile. Burlington Environmental collected preliminary samples from the outside lagoon areas and the north one-fourth of the french drain excavation. Burlington Environmental received results on preliminary samples indicating that the initial excavation below the concrete wash pad area was still "hot," including areas near the foundation of Woods Building #2; some outer lagoon area preliminary samples were above cleanup levels and some were below. Decontamination procedures for travel on the road between the northern and southern exclusion zones were established. David Eagleton and Bob Kievit were on site.

**April 15, 1993** Burlington Environmental and Olympus conducted a safety meeting. Excavation in the french drain area continued, approximately 695 cubic yards of material was excavated and placed in the north building foundation for temporary storage. Excavation in the lagoon area continued. Burlington Environmental collected preliminary samples from the lagoon area and outer lagoon areas. Burlington Environmental received results on preliminary samples collected from the north one-fourth of the french drain excavation indicating that the new grade was still "hot." Received "full parameter list" results from Southwest Laboratories, Inc., on the temporary road samples indicating that the material was "clean." Bob Kievit was on site. Discussed traffic control with Don Johnson of Hanson Fruit Company. Received sieve and proctor values on proposed backfill material from Olympus.

**April 16, 1993** Burlington Environmental and Olympus conducted a safety meeting. Excavation in the french drain area continued. Excavation in the lagoon area continued. Burlington Environmental collected preliminary samples from the perimeter of the excavation surrounding the lagoon area. Received results on preliminary samples indicating that excavations in the french drain area were still "hot," including areas below the foundation of Woods Building #2. Rain in the afternoon forced Olympus to cover the southern soil storage pile (the northern pile was active at the time and rain provided dust control, no excess runoff).

**April 17, 1993** Burlington Environmental and Olympus conducted a safety meeting. Excavation in the french drain area continued. Excavation in the lagoon area continued during the morning. The foundation and floor slab of Woods Building #2 was removed to expose the contaminated subgrade material. Fourth "round" of preliminary samples from the east one-half of the

Page 3  
Mr. Bob Kievit  
April 19, 1993

inner lagoon area were collected. Received results on preliminary samples from Laucks that continued to indicate broad areas of contamination in surficial soils in the lagoon area excavations. Rain in the afternoon forced Olympus to cover the southern soil storage pile (the northern pile was active at the time and rain provided dust control, no excess runoff).

**April 18, 1993** Burlington Environmental and Olympus conducted a safety meeting. The liners for construction of the east and west perimeter of the northern temporary storage pile were not placed due to excess wind. Removal of the foundation and floor slab of Woods Building #2 continued until equipment broke down at 11:00. Second "round" of preliminary samples from the french drain area were collected. The total excavated soils to date are approximately 4,000 cubic yards.

## II. Problems or Difficulties

Sheet piling was found to be installed as much as 10 feet off of the planned line at the north end of the 100 feet of sheetpile. Wind and equipment problems on Sunday, April 18, 1993, slowed production.

## Upcoming Activities

Activities planned for next week include continuing to excavate the lagoon and french drain areas as necessary. Verification samples may be collected in the lagoon and outside lagoon areas. Mike Martin will not be the On-Site Coordinator for the next 10-day shift which starts April 26, 1993. He will be replaced by David Eagleton and Scott Pope of Burlington Environmental. Mike Martin will return as the On-Site Coordinator the following shift.

Sincerely yours,

BURLINGTON ENVIRONMENTAL INC.

*Mike Martin* 

Michael S. Martin  
On-Site Coordinator

MSM/ksd/SOILYAKI.LET

cc: David Eagleton (Burlington Environmental)  
Tom Hippe (Burlington Environmental)  
Anne Little (Burlington Northern Railroad)  
Bruce Sheppard (Burlington Northern Railroad)  
Lee Otis (U.S. Environmental Protection Agency)  
Marla Stremcha (Olympus Environmental)  
Tom Backer (Preston, Thorgimson, Shidler, Gates, and Ellis)



**BURLINGTON  
ENVIRONMENTAL**

April 26, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop PVII  
Olympus, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project, Weekly Status Report  
April 19, 1993, Through April 25, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From April 19, 1993, Through April 25, 1993

**April 19, 1993** Burlington Environmental and Olympus Environmental, Inc., (Olympus) conducted a safety meeting. Olympus continued excavation near the sheet piling along the french drain and partially removed the foundation of the former Woods Building #2. Approximately 285 cubic yards of soil was excavated and moved to the north temporary storage area. The high-density polyethelene liner for the north storage area perimeter (outside of the basements) was placed and secured. Burlington Environmental collected preliminary samples from the former loading dock surface and delivered them to Laucks Laboratory, Inc. (Laucks). Received soil sample results that indicate the french drain area subgrade is still "hot."

**April 20, 1993** Burlington Environmental and Olympus conducted a safety meeting. Bob Kievit and Larry McGill were on site. Excavation below the former concrete wash pad/floor slab south of the Woods Building #2 foundation and in the french drain area south of the sheet piling continued. Approximately 477 cubic yards was excavated and placed in the northern building basement foundations for temporary storage. Chemical Waste Management (CWM) transported 49.395 tons of contaminated concrete from the site for disposal at CWM's Arlington, Oregon, facility. Burlington Environmental collected preliminary samples from two test pits dug in the northern portions of the french drain. Burlington Environmental received results on preliminary samples collected from the former loading dock indicating that the surface material was above the cleanup levels.

Page 2  
Mr. Bob Kievit  
April 26, 1993

**April 21, 1993** Burlington Environmental and Olympus conducted a safety meeting. Bob Kievit and Larry McGill were on site today. Excavation of an additional test pit south of the known french drain was completed and preliminary samples collected. Approximately 474 cubic yards of soil was excavated and placed in the north building foundations for temporary storage. CWM transported 35.26 tons of contaminated concrete and debris from the site for disposal at CWM's Arlington, Oregon, facility. Burlington Environmental collected preliminary samples from test pits. Bob Kievit and I discussed the possibility of storing additional contaminated materials on top of the soils in the former loading dock area.

**April 22, 1993** Burlington Environmental and Olympus conducted a lengthy safety meeting and developed an action list based on an Occupational Safety and Health Administration self-inspection checklist received from David Eagleton. Excavation on the east slope of the lagoon area was completed. Approximately 66 cubic yards of material was excavated and placed in the south temporary storage area. Excavation in the north exclusion zone totaled 15 cubic yards. Burlington Environmental received results on preliminary samples collected from the test pits north and south of the current french drain excavation; these results indicate that additional sheet piling will be needed to the south of the existing sheet-wall. Alvie Maxie and representatives of the City of Yakima water department were on site to discuss excavations near the city water main.

**April 23, 1993** Burlington Environmental and Olympus conducted a safety meeting. Excavation in the former basement and wash pad/slab areas continued. Approximately 123 cubic yards of soil was excavated and placed in the north building foundations for temporary storage. Burlington Environmental collected preliminary samples from the east slope of the lagoon excavation. Olympus covered the southern soil storage pile; the northern pile was active at the time and a sprinkler system was established to be used over the weekend to control dust. Chemical Waste Management transported 29.13 tons of contaminated concrete from the site for disposal at CWM's Arlington, Oregon, facility.

**April 24, 1993** Olympus supervised the delivery of sheet piling equipment and operated the north storage area sprinklers for dust control. No other work, schedule shift break.

**April 25, 1993** Olympus operated the north storage area sprinklers for dust control. No other work, scheduled shift break.

Page 3  
Mr. Bob Kievit  
April 26, 1993

## II. Problems or Difficulties

The french drain was found to be larger than anticipated in both the north and south directions.

## Upcoming Activities

Activities planned for next week include continuing to excavate below the former wash pad, Building #2, and french drain areas as necessary. Additional sheet piling will be installed as needed. Coordination with the water department will be conducted as needed. Verification samples may be collected in the lagoon and two outside lagoon areas. Mike Martin will not be the On-Site Coordinator for the next 10-day shift which starts today, April 26, 1993. He will be replaced by David Eagleton and Scott Pope of Burlington Environmental. Mike Martin will return as the On-Site Coordinator for the following shift.

Sincerely yours,

**BURLINGTON ENVIRONMENTAL INC.**

*Michael S. Martin*  
Michael S. Martin  
On-Site Coordinator

MSM/ksd/SRWEEK5.LET

cc: David Eagleton (Burlington Environmental)  
Tom Hippe (Burlington Environmental)  
Anne Little (Burlington Northern Railroad)  
Bruce Sheppard (Burlington Northern Railroad)  
Lee Otis (U.S. Environmental Protection Agency)  
Marla Stremcha (Olympus Environmental)  
Tom Backer (Preston, Thorgimson, Shidler, Gates, and Ellis)



**BURLINGTON  
ENVIRONMENTAL**

May 3, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop PVII  
Olympus, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project, Weekly Status Report  
April 26, 1993, Through May 2, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From April 26, 1993, Through May 2, 1993

**April 26, 1993** Burlington Environmental and Olympus Environmental, Inc., (Olympus) conducted a health and safety meeting. Pile contractors assembled their equipment for sheet piling. Phil Bonincini, the owner of Pile Contractors Inc. was on site. The drums and soil around the drums in the north end of the french drain were removed. Preliminary samples were collected from the south end of the french drain sump area and in the area below former building number 2. A test pit was excavated approximately 35 feet southwest of the Akland office to a depth of approximately 10 feet and preliminary samples were collected. David Eagleton and Tom Hippe (Burlington Environmental) were on site. Bruce Sheppard with BNRR and Larry McGill with Olympus Environmental were on-site in the afternoon.

Approximately 414 cubic yards of soil was excavated and placed in the northern temporary soil storage area. Burlington Environmental received analytical results from preliminary samples collected from the area below the southern Woods building, the concrete pad, test pits 5, 6, 7 located in the french drain area, and test pit 11 located southwest of the office building. Representatives of the City of Yakima Water Department were on site and attempted to shut off the water main which crosses the site and were unsuccessful.

**April 27, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Burlington Environmental measured the water levels in

Page 2

Mr. Bob Kievit

April 26, 1993

the on-site monitoring wells. In the area below former Woods building number 2 and the former concrete pad, excavation continued and preliminary samples were collected in these areas. Four test pits were excavated west of the Akland Building inside the western fence line and preliminary samples were collected in these pits. Approximately 641 cubic yards of soil was excavated and placed in the northern temporary storage pile.

Larry McGill with Olympus was on site. Sheet piling continued and Phil Bonincini, the owner of Pile Contractors Inc. was on site. Olympus installed an area sprinkler system for dust control. Rick Roder, Tony Valero, Tony Grover, and Carol Fleskes with the Washington Department of Ecology (WDOE) walked around the site on the outside of the site security fence. Bob Kievit with the USEPA was on site. Representatives from Williams Environmental Inc., a potential thermal desorption contractor, visited the site and met with David Eagleton, Tom Hippe, Bruce Sheppard, and Bob Kievit. Burlington Environmental received analytical results of the preliminary samples collected from the area below the southern Woods building and below the former loading dock. Representatives of the City of Yakima Water Department were on site and made additional attempts to shut off the water main which crosses the site but were unsuccessful.

**April 28, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. A test pit was excavated along the west fence and preliminary samples were collected. Bob Kievit and Tom Hippe were on site. Representatives of the City of Yakima Water Department were on site and made additional attempts to shut off the water main which crosses the site but were unsuccessful. Burlington Environmental laid out the systematic random sampling grid verification sample locations in the lagoons and these sample locations were discussed with Bob Kievit. Excavation continued in the area below the elevated concrete pad. Additional soil and drums were removed from the french drain area. Additional soil was removed in areas along the east and northern sidewalls of the lagoon excavation and preliminary samples were collected in these areas. Sheet piling continued. A test pit was excavated approximately 10 feet north of the north west corner of the field office and preliminary samples were collected. Representatives from Canonic Environmental, a potential thermal desorption contractor, visited the site and met with David Eagleton, Tom Hippe, and Bob Kievit. Chemical Waste Management transported 27.63 tons of concrete debris from the site to be disposed of at their Arlington, Oregon, facility. Alvee Maxee and representatives of the City of Yakima Water Department were on site to discuss the excavation of soils near the city water main and how the water main could be shut off, taken out of the way of the excavation, and then replaced. Burlington Environmental received analytical results of preliminary

Page 3  
Mr. Bob Kievit  
April 26, 1993

samples collected from the area below the southern Woods building basement, former concrete pad, and from three test pits (Test Pits 12, 13, and 14) located along the west fenceline west of the office. Approximately 375 cubic yards of soil was excavated and placed in the northern temporary soil storage area.

**April 29, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Burlington Environmental measured groundwater levels in all on-site monitoring wells. Representatives of the City of Yakima Water Department were on site and were able to shut off the water main that crosses the site. Sheet piling continued with Phil Bonincini on site. Bob Kievit was on site. Approximately 80 cubic yards of extremely contaminated soil and deteriorated drums were removed from a square underground concrete block structure, centered approximately 13 feet northeast of Wells 2S and 2D. This material was placed on top of a portion of the southern temporary soil storage area and wrapped in permalox to keep it separated from the previously excavated material. Approximately 345 cubic yards of soil was placed in the northern temporary soil storage area.

**April 30, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Alvee Maxee discussed cutting the water main, removing it from the site, and then replacing it with new pipe. Well 1, located at the northwest end of the site, was abandoned because it had been damaged in the process of removing drums from the french drain. Excavation began south of the french drain sump area along the sheet pile wall. Preliminary samples were collected from the area south of the french drain sump area. Burlington Environmental received analytical results from preliminary samples collected from the area below the former loading dock area, the french drain, and the extremely contaminated material stockpiled separately on top of the southern temporary soil storage area. Sheet piling continued. Approximately 660 cubic yards of soil was excavated and placed in the northern temporary storage pile.

**May 1, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Sheet piling continued. Well 2D was abandoned. Excavation continued in the area south of the french drain/sump area along the sheet pile wall. Burlington Environmental received analytical results from preliminary samples collected in the excavation south of the french drain/sump area. Approximately 702 cubic yard soil was excavated and placed in the northern temporary soil storage area.

**May 2, 1993** No Work.



Page 4  
Mr. Bob Kievit  
April 26, 1993

II. Problems or Difficulties

None.

Upcoming Activities

Sheet piling will be completed. The city water main that crosses the site will be removed. Excavation of the area south of the french drain/sump and west of the field office will continue. Verification samples will be collected in the lagoon area.

If you have any questions please call me at (618) 281-7173.

Sincerely yours,

BURLINGTON ENVIRONMENTAL INC.

*David Eagleton*

David W. Eagleton  
On-Site Coordinator

*GAK*  
*5/5/93*

DWE/jl/SRWEEK6.LET

cc: Mike Martin (Burlington Environmental)  
Tom Hippe (Burlington Environmental)  
Anne Little (Burlington Northern Railroad)  
Bruce Sheppard (Burlington Northern Railroad)  
Lee Otis (U.S. Environmental Protection Agency)  
Marla Stremcha (Olympus Environmental)  
Tom Backer (Preston, Thorgimson, Shidler, Gates, and Ellis)



**BURLINGTON  
ENVIRONMENTAL**

May 10, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop PVII  
Olympus, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project, Weekly Status Report  
May 3, 1993, Through May 9, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

**I. Project Activities From May 3, 1993, Through May 9, 1993**

**May 3, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Continued sheet piling installation. Continued excavating along the sheet piling wall south of the french drain sump area. Well 2S was abandoned. David Eagleton and John Binder met with Alvee Maxee with the City of Yakima Water Department to discuss removal of the 12-inch water main. A total of 432 cubic yards of soil was excavated and placed in the northern temporary storage area. A test pit was excavated (test pit 17) on the north side of the site along the west excavation. Preliminary samples were collected from the test pit and the southern sidewall of the actual excavation. Burlington Environmental took groundwater level measurements in the on-site monitoring wells. In a phone conversation, David Eagleton talked with Bob Kievit about field activities. Burlington Environmental faxed analytical results for containerized well development water to Pete Hobbs with the Yakima Waste Water Treatment Plant. Burlington Environmental prepared sketches of the "northern removal areas" to begin preparing a draft systematic random sampling grid for collecting verification samples in these areas. Larry McGill with Olympus was onsite in the afternoon. Burlington Environmental received analytical results of the preliminary samples collected in test pit 17 and in the south sidewall of the excavation.

**May 4, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Sheet piling was completed (except for decontamination and demobilization activities). Representatives from the City of Yakima Water

Burlington Environmental Inc.

P.O. Box 330 • 210 West Sand Bank Road • Columbia, IL 62236-0330

Phone 618/281-7173 • 314/241-1785 • FAX 618/281-5188

Page 2  
Mr. Bob Kievit  
May 10, 1993

Department were on site and made sure the water in the 12-inch water main was shut off. Portion of the west fence of the south exclusion zone were removed to facilitate excavation. Surficial soils were removed from the upper portions of the east and northern sidewalls of the inner lagoon areas and preliminary samples were collected from these areas. Burlington Environmental received analytical results of the preliminary samples collected earlier that day from the lagoon areas. Olympus requested an extension for the temporary occupancy permit that they have with Washington Central Railroad (WCRR). The 12-inch water main was located with the excavator and a preliminary sample was collected from below the pipe. The results of this sample were below the cleanup levels. After receiving the results indicating that the immediate area was clean, the pipeline was partially cut to let the water drain. Approximately 225 cubic yards of soil was excavated and placed in the southern temporary soil storage area.

**May 5, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Continued demobilization of sheet piling equipment. Continued excavating along the sheet piling wall south of the french drain sump area, on the north side of the lagoon excavation and in the area where building No. 2 had been located. A total of 306 cubic yards of soil was excavated and placed in the northern temporary storage area. A total of 270 cubic yards of soil was excavated and placed in the southern temporary storage area. Bob Kievit and Rick Roeder were on site today. David Eagleton left the site. The 12-inch water main was cut and capped south of the field office near Forney street. Preliminary samples were collected from the inner and outer lagoon areas.

**May 6, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Continued excavating along the sheet piling wall south of the french drain sump area and in the outer lagoon areas. A total of 283 cubic yards of soil was excavated and placed in the northern temporary storage area. A total of 467 cubic yards of soil was excavated and placed in the southern temporary storage area. A thrust block on the 12-inch water main was exposed during excavation. Bob Kievit left the site. Michael Martin returned to the site. Verification samples were collected from within the lagoon areas and shipped to Southwest Labs. Preliminary samples were collected from the outside lagoon areas.

**May 7, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Olympus began excavation of the one-foot contour cut in the north exclusion zone in areas east of the former building No. 2 location. A

Page 3  
Mr. Bob Kievit  
May 10, 1993

total of 315 cubic yards of soil was excavated and placed in the southern temporary storage area. The southern stockpile was filled to the angle of repose on the west side and digging was stopped until visibly contaminated materials currently on the east 1/2 of the stockpile are relocated.

**May 8, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Olympus crew cleaned up the site. Dart Trucking notified Burlington Environmental and Olympus that roll-off boxes for the temporary storage of the visibly contaminated materials would not be delivered until Monday afternoon.

**May 9, 1993** No work, waiting on equipment.

## II. Problems or Difficulties

None.

## Upcoming Activities

Anticipated work items for the next work week include removing the visibly contaminated material from the southern stockpile for storage in 30 cubic yards roll-off boxes. The northern storage area will be secured and excavation of the northern one-foot contour excavation will continue. If you have any questions please call me at (618) 281-7173.

Sincerely yours,

BURLINGTON ENVIRONMENTAL INC.



Michael S. Martin  
On-Site Coordinator

MSM/jl/SRWEEK7.LET

cc: Mike Martin (Burlington Environmental)  
Tom Hippe (Burlington Environmental)  
Anne Little (Burlington Northern Railroad)  
Bruce Sheppard (Burlington Northern Railroad)  
Lee Otis (U.S. Environmental Protection Agency)  
Marla Stremcha (Olympus Environmental)  
Tom Backer (Preston, Thorgimson, Shidler, Gates, and Ellis)



**BURLINGTON  
ENVIRONMENTAL**

May 17, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop PVII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington,  
Soil Removal Project Weekly Status Report  
May 10, 1993, through May 16, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

**I. Project Activities From May 10, 1993, through May 16, 1993:**

**May 10, 1993** Burlington Environmental and Olympus Environmental conducted a health and safety meeting. Burlington Environmental personnel collected preliminary samples from the 1 foot contour cut north of the concrete vault near the east fence line. Verification samples were collected from the outside lagoon areas south of the southern temporary soil storage area and shipped to Southwest Labs. Equipment for backfill operations was delivered to the site.

**May 11, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Four 20 cubic yard roll-off containers were delivered from Dart Trucking. Soil suspected of containing high concentrations of contaminants was removed from the top of the east 1/2 of the southern temporary storage area and placed in the roll-off boxes. Roll-offs were lined with poly sheeting, covered with 10 mil poly sheeting, and then covered with plastic coated tarpaulins.

Page 2  
Mr. Bob Kievit  
May 17, 1993

**May 12, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Continued loading 20 cubic yard roll-off containers with soil suspected of containing high concentrations of contaminants from the top of the east 1/2 of the southern temporary soil storage area. The fifth roll-off box was received and filled. Drums were segregated from the material being placed in the roll-off containers and stored on a temporary liner. Excavation continued in the 1 foot cut contour south of the concrete vault. Approximately 118 cubic yards of soil was placed on the southern temporary soil storage area.

**May 13, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Olympus covered and secured the Northern temporary soil storage area with 10 mil HDPE. At approximately 11:00 A.M. Olympus demobilized for the scheduled shift break. At approximately 12:30 P.M. wind had begun to drag the HDPE cover off of the northern temporary soil storage area; John Dolan with Burlington Environmental was on site and organized a response with accredited workers from Ken Leingang Excavation to properly secure the stockpile prior to leaving the site.

**May 14, 1993** Shift Break, no work.

**May 15, 1993** Shift Break, no work.

**May 16, 1993** Shift Break, no work.

## II. Problems or Difficulties:

No problems or difficulties were encountered.


## III. Upcoming Activities:

Activities planned for next week include completing the excavation of the lagoon and outside lagoon areas and collecting verification samples in those areas. Excavation will also continue as necessary, in the northern exclusion zone, as determined by preliminary sample results.

Page 3  
Mr. Bob Kievit  
May 17, 1993

Please call me at 509-575-7953 if you have any questions regarding this weekly progress report.

Sincerely yours,  
BURLINGTON ENVIRONMENTAL INC.

*Mike Martin* 

Michael S. Martin  
On Site Coordinator

MSM/msm/SRWEEK8.LET

cc: David Eagleton and Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Lee Otis (USEPA)  
Anne Little (BNRR)  
Tom Backer (Preston, Thorginson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus Environmental)



**BURLINGTON  
ENVIRONMENTAL**

May 24, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop PVII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima , Washington  
Soil Removal Project Weekly Status Report  
May 17, 1993, through May 23, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

**I. Project Activities From May 17, 1993, through May 23, 1993:**

**May 17, 1993** Burlington Environmental and Olympus Environmental conducted a health and safety meeting after mobilizing to the site. Burlington Environmental personnel collected preliminary samples from the 1 foot contour excavation south of the concrete vault near the east fence line. Burlington Environmental personnel collected preliminary soil samples from this area as the excavation continued. Approximately 116 cubic yards of soil was placed on the southern temporary soil storage area.

**May 18, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. The concrete vault was demolished and soils were moved from within the vault to the southern temporary soil storage area. Excavation continued south of the vault. Burlington Environmental collected preliminary samples from the excavation south of the vault and delivered them to Laucks. Approximately 378 cubic yards of soil was placed on the southern temporary soil storage area. Bob Kievit was on site.

**May 19, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Excavation continued in the north exclusion zone and additional soils were removed from the southern lagoon area continued. Approximately 224 cubic yards of soil was placed on the southern temporary soil storage area. Approximately 45 tons of concrete debris from the vault



Page 2

Mr. Bob Kievit

May 24, 1993

was shipped to Chemical Waste Management's Arlington, Oregon (CWM) facility for disposal. The cover on the north stockpile was repaired and re-secured. Bob Kievit was on site today.

**May 20, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Excavation continued in the north exclusion zone east of the former elevated loading dock area. Four large concrete footings were uncovered in the excavation east of the former loading dock. Burlington Environmental collected preliminary samples from the lagoon area. Approximately 432 cubic yards of soil was placed in the southern temporary soil storage area. Larry McGill was on site.

**May 21, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Larry McGill was on site. Approximately 8.7 tons of concrete debris was shipped to CWM for disposal. Excavation of materials east of the former loading dock continued. Approximately 400 cubic yards of soil was placed in the southern temporary soil storage area. Burlington Environmental received analytical results from Laucks on preliminary samples collected from the lagoon areas; the sample results indicated that contaminants were still present at concentrations above the cleanup levels.

**May 22, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Excavation continued in the northern exclusion zone in areas east of the former loading dock and east of where Building #2 had been. A total of 517 cubic yards of soil was placed in the southern temporary soil storage area.

**May 23, 1993** Shift break, no work.

## II. Problems or Difficulties:

No problems or difficulties were encountered.

## III. Upcoming Activities:

Activities planned for next week include completing the excavation of the lagoon and outside lagoon areas and collecting verification samples in those areas. Excavation will continue as necessary in the northern exclusion zone.

Page 3  
Mr. Bob Kievit  
May 24, 1993

Please call me at 509-575-7953 if you have any questions regarding this weekly progress report.

Sincerely yours,

BURLINGTON ENVIRONMENTAL INC.

*Mike Martin* 

Michael S. Martin  
On Site Coordinator

MSM/mm/SRWEEK8.LET

cc: David Eagleton and Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Lee Otis (USEPA)  
Anne Little (BNRR)  
Tom Backer (Preston, Thorginson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus Environmental)



**BURLINGTON  
ENVIRONMENTAL**

June 1, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop PVII  
Olympia, Washington 98504

Dear Mr. Kievit:

Subject: Hoods Industries Site, Yakima, Washington  
Soil Removal Project Weekly Status Report  
May 24, 1993, through May 30, 1993

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From May 24, 1993, through May 30, 1993:

**May 24, 1993** Burlington Environmental and Olympus Environmental conducted a health and safety meeting after mobilizing to the site. Burlington Environmental received two roll-off boxes from dirt trucking. Burlington Environmental received sample results from Laucks on samples from the north excavation indicating that several areas were still above the established cleanup levels. Excavation continued in the north exclusion zone and in the southern lagoon area. Burlington Environmental personnel collected preliminary soil samples from the northern areas. Approximately 497 cubic yards of soil was placed on the southern temporary soil storage area. Bruce Sheppard was on site today.

**May 25, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Excavation continued in the southern lagoon areas and in the north exclusion zone south of the former concrete pad area. Backfill along the sheet pile wall in the deepest cut area was started with previously approved borrow material. Compaction testing was performed; all results were above the specified 95%. Sandbags were placed on the north storage pile. Burlington Environmental collected preliminary samples from the

Page 2  
Mr. Bob Kievit  
June 1, 1993

excavation south the former concrete pad. Approximately 915 cubic yards of soil was placed on the southern temporary soil storage area. Bruce Sheppard left the site.

**May 26, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Excavation continued in the north exclusion zone. Preliminary samples were collected from the southern lagoon area and the northern excavation areas. Approximately 592 cubic yards of soil was placed on the southern temporary soil storage area. Sandbags were placed on the cover on the north stockpile. Backfill was placed along the sheet pile wall. Bob Kievit was on site today.

**May 27, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Excavation continued in the north exclusion zone beneath the former Building # 2 area. The north temporary soil storage area was secured with sandbags. Backfill along the sheetpile wall was completed. Burlington Environmental collected preliminary samples from the former building # 2 area. Approximately 298 cubic yards of soil was placed in the southern temporary soil storage area.

**May 28, 1993** Olympus and Burlington Environmental demobilized from the site for the scheduled shift break.

**May 29, 1993** Shift Break, no work.

**May 30, 1993** Shift Break, no work.

#### II. Problems or Difficulties:

No problems or difficulties were encountered.

#### III. Upcoming Activities:

Activities planned for next week include continuing the excavation of the lagoon and northern areas and collecting samples in those areas in an effort to define the boundaries of these excavations. Monday, May 31, 1993 is a Holiday. The southern temporary storage area will be expanded if necessary. The main "line" of the Washington Central Railroad will be re-opened to normal traffic.

Page 3  
Mr. Bob Kievit  
June 1, 1993

Please call me at 509-575-7953 if you have any questions regarding this weekly progress report.

Sincerely yours,  
BURLINGTON ENVIRONMENTAL INC.



Michael S. Martin  
On Site Coordinator

MSM/MSM/SRWEEKS.LET

cc: David Eagleton and Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Lee Otis (USEPA)  
Anne Little (BNRR)  
Tom Backer (Preston, Thorginson, Shidler, Gates, and Ellis)  
Maria Stremcha (Olympus Environmental)



**BURLINGTON  
ENVIRONMENTAL**

June 7, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop PVII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project Weekly Status Report  
May 31, 1993, through June 6, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From May 31, 1993, through June 6, 1993:

**May 31, 1993** Holiday, No Work

**June 1, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Approximately 360 cubic yards of soil was excavated from the area east of former building No. 2 and along the west side of the Akland building and was placed in the southern temporary soil storage area. Burlington Environmental collected preliminary samples from these excavations.

**June 2, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Excavation continued along the west side of the Akland building. Approximately 286 cubic yards of soil was placed in the southern temporary soil storage area. The southern temporary storage area was expanded approximately 75 feet to the south to accommodate storage of additional soil. Burlington Environmental collected preliminary samples in the excavation west of the Akland building.

**June 3, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Excavation continued northwest of the Akland building and approximately 546 cubic yards of soil was placed in the southern temporary storage pile.

**June 4, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Approximately 77 cubic yards of soil was excavated from the southern lagoon areas and from the area west of the Akland building. Verification samples were collected in the west part of the lagoon excavation. Olympus and Burlington Environmental demobilized from the site for the scheduled shift break.

Burlington Environmental Inc.

P.O. Box 330 • 210 West Sand Bank Road • Columbia, IL 62236-0330

Phone 618/281-7173 • 314/241-1785 • FAX 618/281-5120



Page2  
Mr. Bob Kievit  
June 7, 1993

June 5, 1993 Shift Break, no work.

June 6, 1993 Shift Break, no work.

II. Problems or Difficulties:

No problems or difficulties were encountered.

III. Upcoming Activities:

Activities planned for next week include continuing the excavation northwest and west of the Akland building. Verification samples will be collected in the lagoon area pending receipt of preliminary sample results that indicate the area is clean. Mike Martin will be replaced as the on-site coordinator by John Dolan and Greg Koester of Burlington Environmental.

Please call me at 509-575-7953 if you have any questions regarding this weekly progress report.

Sincerely yours,

BURLINGTON ENVIRONMENTAL INC.

*Mike Martin* *DWE*

Michael S. Martin  
On Site Coordinator

MSM/msm/SRWEEK11.LET

cc: David Eagleton and Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Lee Otis (USEPA)  
Anne Little (BNRR)  
Tom Backer (Preston, Thorginson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus Environmental)



**BURLINGTON  
ENVIRONMENTAL**

June 14, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop PVII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project Weekly Status Report  
June 7, 1993, Through June 13, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From June 7, 1993, Through June 13, 1993:

**June 7, 1993** Burlington Environmental and Olympus Environmental (Olympus) conducted a health and safety meeting after mobilizing to the site. Burlington Environmental received analytical results from preliminary samples collected from the south lagoons area indicating some areas were above cleanup levels. Olympus relocated the Yako ditch water drain line in the west part of the lagoon excavation approximately 10 feet further west to allow excavation of contaminated soil located beneath the drain line. Excavation continued in the north exclusion zone and approximately 36 cubic yards of soil was placed on the southern temporary soil storage area. Burlington Environmental personnel collected preliminary soil samples from the area below former Building #2.

**June 8, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Areas excavated were south of the former concrete pad area in the northern exclusion zone, the lagoons, and west of the Akland Building. Burlington Environmental collected preliminary samples from these areas. A test pit was excavated on the northeast portion of the site and samples were collected to assess the extent of total petroleum hydrocarbons (TPH) impacted soils present in that area. A total of approximately 276 cubic yards were excavated and placed on the southern temporary soil storage area.





**BURLINGTON  
ENVIRONMENTAL**

Page 2

Mr. Bob Kievit

June 14, 1993

**June 9, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Burlington Environmental received analytical results from preliminary samples collected from the lagoons excavation. Burlington Environmental personnel collected preliminary samples from the area south of former Building #2. Excavation continued in the area south of former Building #2 and Burlington Environmental personnel collected preliminary samples from this area. A total of 24 cubic yards were placed on the southern storage pile. Excavation was minimized due to high winds. Olympus collected and decontaminated scrap metal and secured the cover on the northern temporary soil storage area.

**June 10, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Excavation was performed in the north exclusion zone beneath the former Building #2 area, in the southwest portion of the lagoon area, and the area west of the Akland Building. Approximately 336 cubic yards of soil was placed in the southern temporary soil storage area. Olympus personnel not involved in excavation activities worked on cutting off the tops of the sheet piles to grade and gathering and decontaminating scrap metal.

**June 11, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Excavation continued in the area west of the Akland Building. A total of 144 cubic yards were placed on the southern temporary soil storage area. A total of 72 preliminary samples were collected from the lagoon area. Olympus and Burlington Environmental demobilized from the site for the scheduled shift break.

**June 12, 1993** Shift break; no work.

**June 13, 1993** Shift break; no work.

**II. Problems or Difficulties:**

No problems or difficulties were encountered.



**BURLINGTON  
ENVIRONMENTAL**

Page 3  
Mr. Bob Kievit  
June 14, 1993

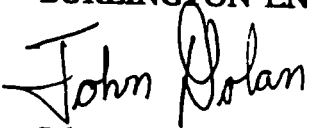
III. Upcoming Activities:

Activities planned for next week include continuing excavation in the area west of the akland building and in the lagoons if necessary. Verification samples may be collected in areas where preliminary samples indicate soil is below cleanup concentrations. Petroleum impacted soil located along the east side of the north exclusion zone may be excavated.

Please call me at (509) 575-7953 if you have any questions regarding this weekly progress report.

Sincerely yours,

**BURLINGTON ENVIRONMENTAL INC.**

  
John Dolan  
On-Site Coordinator

DWE/jg/SRWEEK12.LET

cc: David Eagleton and Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Lee Otis (U.S. Environmental Protection Agency)  
Anne Little (BNRR)  
Tom Backer (Preston, Thorgrimson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus)

June 21, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop PVII  
Olympia, Washington 98504

Dear Mr. Bob Kievit:

Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project Weekly Status Report  
June 14, 1993, through June 20, 1993

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From June 14, 1993, through June 20, 1993:

**June 14, 1993** Burlington Environmental and Olympus Environmental conducted a health and safety meeting after mobilizing to the site. Burlington Environmental received a portion of the preliminary sample results from the lagoon area survey indicating some areas on the south portion of the lagoons were above the established cleanup levels. Excavation continued west of the Akland Building and in the north exclusion zone. Burlington Environmental personnel collected additional preliminary soil samples in the lagoon excavation. Approximately 370 cubic yards of soil was placed on the southern temporary soil storage area.

**June 15, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Bruce Sheppard of BNRR arrived on site. Burlington Environmental measured groundwater levels in wells at the site. Excavation continued west of the Akland Building to a depth just above groundwater. Burlington Environmental collected preliminary samples west of the Akland Building at depths ranging from three feet to eight feet on the excavation wall. Additional preliminary sample results from the lagoon survey were received from Laucks indicating some areas slightly exceeded assigned

cleanup concentrations. Excavation continued on the south portion of the lagoon area where the lagoon preliminary sample survey results indicated contaminant levels exceeded the assigned cleanup concentrations. Approximately 448 cubic yards were excavated and placed on the southern temporary storage area.

June 16, 1993 Olympus and Burlington Environmental conducted a health and safety meeting. Approximately 12 cubic yards were excavated from the south portion of the lagoon area and placed on the southern temporary storage area. After excavation, Burlington Environmental personnel collected preliminary samples in the lagoon area where excavation had occurred and a sample of suspected petroleum - impacted soil on the northeast portion of the site to be analyzed for TCLP metals and PCBs. Backfilling along the sheet piling wall began west of the Akland Building. Approximately 300 cubic yards of clean backfill material was brought onto site and placed along the sheet piling wall. Bruce Sheppard left the site.

June 17, 1993 Olympus and Burlington Environmental conducted a health and safety meeting. Backfilling along the sheet piling wall continued west of the Akland Building with approximately 237 cubic yards of clean backfill material brought onto site. Bob Kievit arrived on site.

June 18, 1993 Olympus and Burlington Environmental conducted a Health and Safety meeting. Backfilling along the sheet piling wall continued west of the Akland Building with approximately 450 cubic yards of clean backfill material brought onto site. Approximately 48 cubic yards of soil was excavated west of the Akland Building and placed in the southern temporary soil storage area. Olympus demobilized from the site for the scheduled shift break. Bob Kievit left the site.

June 19, 1993 Shift Break, no work.

June 20, 1993 Shift Break, no work.

## II. Problems or Difficulties:

No problems or difficulties were encountered.

## III. Upcoming Activities:

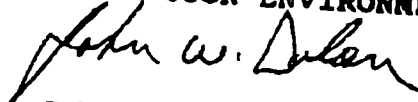
Activities planned for next week include continued excavation in the lagoon, west of Akland Building, and in of the northern exclusion zone where preliminary results indicate contaminant concentrations are above cleanup levels. Preliminary samples will be collected west of the sheet piling wall. Pending approval from the Yakima County Health District, the petroleum - impacted soils may be excavated and transported to a local landfarm. Verification samples may be collected in areas where preliminary samples indicate contaminant levels below cleanup concentrations.

Page 3  
Mr. Bob Kievit  
June 21, 1993

Please call me at 509-575-7953 if you have any questions regarding  
this weekly progress report.

Sincerely yours,

BURLINGTON ENVIRONMENTAL INC.



John Dolan  
On Site Coordinator

GAK/gk/SRWEEK14.LET

cc: David Eagleton and Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Lee Otis (USEPA)  
Anne Little (BNRR)  
Tom Backer (Preston, Thorginson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus Environmental)



**BURLINGTON  
ENVIRONMENTAL**

June 28, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop PVII  
Olympia, Washington 98504

Dear Mr. Kievit :

**Subject: Woods Industries Site, Yakima, Washington, Soil  
Removal Project weekly Status Report June 21, 1993,  
through June 27, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

**I. Project Activities From June 21, 1993, through June 27, 1993:**

**June 21, 1993** Burlington Environmental and Olympus Environmental Inc. (Olympus) conducted a health and safety meeting after mobilizing to the site. Excavation continued southwest of the Akland Building and in the south portion of the lagoon area and approximately 84 cubic yards of soil was placed in the southern temporary soil storage area. Burlington Environmental personnel collected preliminary soil samples from these areas. Burlington Environmental personnel also collected 20 preliminary samples along the west side of the sheet piling wall at depths of six inches and one foot.

**June 22, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Excavation continued southwest of the Akland Building and approximately 12 cubic yards of soil was placed in the southern temporary soil storage area. Several drums that had been excavated from an area in the north exclusion zone were cut open and cleaned.

**June 23, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Excavation continued southwest of the Akland Building and approximately 24 cubic yards of soil was placed on the southern temporary soil storage area. One fifty-five gallon drum containing capacitors was transported off-site to a Burlington Environmental Treatment Storage and Disposal facility. Approximately 11 tons of "clean" debris was transported off-site and disposed at Terrace Heights Landfill in Yakima, Washington.



**BURLINGTON  
ENVIRONMENTAL**

Page 2

Mr. Bob Kievit

June 28, 1993

Olympus continued cutting and cleaning the drums which had been removed from the excavation in the northern exclusion zone. Burlington Environmental personnel collected preliminary soil samples in areas of excavation. Burlington Environmental received preliminary sample results from the lagoon excavation area and the area southwest of the Akland Building.

**June 24, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Excavation continued southwest of the Akland Building and in the south portion of the lagoon area and approximately 132 cubic yards of soil was placed in the southern temporary soil storage area. A portion of permanent fencing located southwest of the Akland Building was removed and replaced with temporary fencing to allow excavation to continue. Burlington Environmental personnel collected preliminary soil samples from these areas as the excavation continued. Olympus cut tops off of sheet piles to grade.

**June 25, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Olympus cut tops off of sheet piles to grade. Olympus and Burlington Environmental demobilized for the shift break.

**June 26, 1993** Shift break, no work.

**June 27, 1993** Shift break, no work.

II. Problems or Difficulties:

No problems or difficulties were encountered.

III. Upcoming Activities:

Activities planned for next week include completing the excavation of the lagoon and the area southwest of the Akland Building. Verification sampling may be conducted in the lagoon area providing that preliminary sample results are below the assigned cleanup levels. Excavation of the TPH-impacted soils will begin. Installation of permanent fencing along the west side of the site may begin.

Burlington Environmental Inc.

P.O. Box 330 • 210 West Sand Bank Road • Columbia, IL 62236-0330

Phone 618/281-7173 • 314/241-1785 • FAX 618/281-5120



**BURLINGTON  
ENVIRONMENTAL**

Page 3  
Mr. Bob Kievit  
June 28, 1993

Please call me at 509-575-7953 if you have any questions regarding this weekly progress report.

Sincerely yours,

**BURLINGTON ENVIRONMENTAL INC.**

John W. Dolan  
On Site Coordinator

GAK/gk/SRWEEK15.LET

cc: David Eagleton and Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Lee Otis (USEPA)  
Anne Little (BNRR)  
Tom Backer (Preston, Thorginson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus Environmental)





July 5, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency Region X  
c/o Washington Department of Ecology  
Mail Drop PVII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington Soil  
Removal Project Weekly Status Report for June 28,  
1993, through July 4, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From June 28, 1993, through July 4, 1993:

**June 28, 1993** Burlington Environmental and Olympus Environmental Inc. (Olympus) conducted a health and safety meeting after mobilizing to the site. Olympus continued to cut the sheet piling wall to grade. Excavation continued southwest of the Akland Building and in the south portion of the lagoon area and approximately 60 cubic yards of soil was placed in the southern temporary soil storage area. Burlington Environmental personnel collected preliminary soil samples from the excavated areas. Excavation and stockpiling of TPH-impacted soils began.

**June 29, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Olympus continued to cut the sheet piling wall to grade. Excavation and stockpiling of TPH-impacted soils continued. Burlington Environmental personnel collected preliminary soil samples from the excavated areas and the TPH-impacted soils stockpile. Burlington Environmental collected 10 samples from the lagoon area to be analyzed by Sound Analytical using the Standard 8080 Analytical Method.

**June 30, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Olympus continued to cut the sheet piling wall to grade. Approximately 10 cubic yards of soil was excavated from the south portion of the lagoon area and placed on the southern temporary soil storage area. Burlington Environmental personnel collected preliminary soil samples in the

Page 2  
Mr. Bob Kievit  
September 15, 1993

lagoon area. The "Akland Sump" located directly south of the Akland Building was cleaned, filled with sand, and capped with cement.

**July 1, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Approximately 400 cubic yards of clean backfill was hauled onto the site, placed, and compacted along the sheet piling wall. White material observed in the water present in the north excavation was vacuumed into a 55 gallon drum.

**July 2, 1993** Olympus and Burlington Environmental conducted a health and safety meeting. Chemical Waste Management transported one load of debris to their Arlington, Oregon facility. Olympus and Burlington Environmental demobilized for the shift break. One truckload of scrap metal was hauled off-site.

**July 3, 1993** Shift break, no work.

**July 4, 1993** Shift break, no work.

## II. Problems or Difficulties:

No problems or difficulties were encountered.

## III. Upcoming Activities:

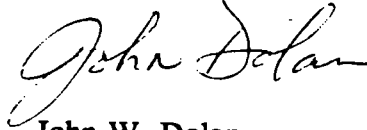
Activities planned for next week include completing the excavation of the lagoon and the area southwest of the Akland Building. Verification sampling may be conducted in the lagoon area providing that preliminary sample results are below the assigned cleanup levels. Excavation of the TPH-impacted soils will continue. A preliminary sample survey will be performed for the north excavation in preparation for verification sampling. Installation of permanent fencing along the west side of the site may begin.

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Mr. Bob Kievit  
September 15, 1993

Please call me at 509-575-7953 if you have any questions regarding this weekly progress report.

Sincerely yours,

BURLINGTON ENVIRONMENTAL INC.



John W. Dolan  
On Site Coordinator

DWE/gk/SRWEEK16.LET

cc: David Eagleton and Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Lee Otis (USEPA)  
Anne Little (BNRR)  
Tom Backer (Preston, Thorginson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus Environmental)



**BURLINGTON  
ENVIRONMENTAL**

July 12, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop PVII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project Weekly Status Report  
July 5, 1993, Through July 11, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From July 5, 1993, Through July 11, 1993

**July 5, 1993** Holiday; no work.

**July 6, 1993.** Burlington Environmental and Olympus Environmental (Olympus) conducted a health and safety meeting after mobilizing to the site. Approximately 40 cubic yards of soil were excavated from an area west of the Akland Building and placed on the southern temporary soil storage area.

**July 7, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Approximately 120 cubic yards of soil were excavated from an area in the south portion of the lagoon area and from an area west of the Akland Building and placed on the southern temporary soil storage area. Burlington Environmental personnel collected preliminary soil samples in these excavations. Ken Leingang with Ken Leingang Excavating, a construction contractor, visited the site to prepare for the replacement of the 12-inch water main.

**July 8, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Olympus finished cutting the tops off the sheet piling wall. Burlington Environmental personnel surveyed the excavation contours of the south lagoon in preparation for verification sampling. Two stockpiles of previously suspected total-petroleum-hydrocarbon-impacted (TPH-impacted)



# BURLINGTON ENVIRONMENTAL

Page 2

Mr. Bob Kievit

July 12, 1993

soils (approximately 140 cubic yards) were relocated in order to make space for further excavation of suspected TPH-impacted soils. A plastic liner was placed below the stockpiles, and temporary fencing was relocated to include the stockpiles. Burlington Environmental personnel collected preliminary soil samples as part of the north sample survey prior to verification sampling. The north sample survey includes excavations west and north of the Akland Building. Burlington Environmental received analytical results from preliminary samples collected to characterize a white chalky material located in the northern exclusion zone. The results indicate high concentrations of lead and arsenic.

**July 9, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Approximately 20 cubic yards of soil were excavated in the south portion of the lagoon area and placed on the southern temporary soil storage area. Burlington Environmental personnel collected preliminary soil samples in this excavation. The excavator was decontaminated to allow excavation of additional suspected TPH-impacted soil located along the east side of the site. Suspected TPH-impacted soils were excavated and stockpiled next to the excavation. Burlington Environmental personnel collected preliminary soil samples of the stockpile and in the excavation to be analyzed for both TPH and pesticides. Burlington Environmental personnel also collected another portion of the preliminary soil sample survey in the northern exclusion zone.

**July 10, 1993** Shift break; no work.

**July 11, 1993** Shift break; no work.

## II. Problems or Difficulties

No problems or difficulties were encountered.

## III. Upcoming Activities

Activities planned for next week include continuing excavation in the south portion of the lagoon area. The most recent preliminary sample results indicate only a small area of contamination is still present in the lagoon area; therefore, verification samples are expected to be collected once preliminary

**BURLINGTON  
ENVIRONMENTAL**

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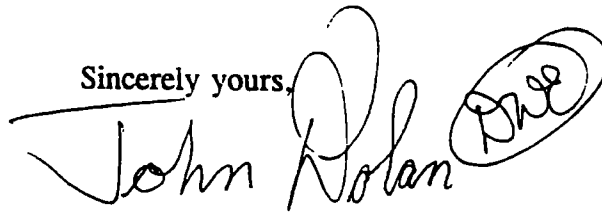
Mr. Bob Kievit

July 12, 1993

samples indicate that this area has been cleaned up. Suspected TPH-impacted soils located along the east side of the site will be excavated.

Please call me at (509) 575-7953 if you have any questions regarding this weekly progress report.

Sincerely yours,



John Dolan  
On-Site Coordinator

JD/jg/SRWEEK17.LET

cc: David Eagleton and Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Lee Otis (U.S. Environmental Protection Agency)  
Anne Little (BNRR)  
Tom Backer (Preston, Thorgrimson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus)



**BURLINGTON  
ENVIRONMENTAL**

July 19, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop PVII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project Weekly Status Report  
July 12, 1993 - July 18, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From July 12, 1993 - July 18, 1993

**July 12, 1993** Burlington Environmental and Olympus Environmental (Olympus) crews conducted a health and safety meeting. Began installation of permanent fencing along the west side of the site. Approximately 20 cubic yards of soil was removed from an area in the south part of the lagoons excavation and placed on the southern temporary soil storage area. Burlington Environmental personnel collected preliminary samples of this excavation.

**July 13, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Continued installation of permanent fence. Four 55-gallon drums of potentially contaminated diesel fuel from an underground storage tank found during building demolition activities and oil also found during building demolition activities were transported to Burlington Environmental's Kent, Washington, facility for treatment.

**July 14, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Installation of permanent fence continued. Approximately 12 cubic yards of soil were excavated from an area in the south part of the lagoon

# BURLINGTON ENVIRONMENTAL

Page 2

Mr. Bob Kievit

July 19, 1993

area and placed on the southern temporary soil storage area. Burlington Environmental personnel collected preliminary soil samples in this excavation. Burlington Environmental personnel collected preliminary soil samples from below the 12-inch water main along the northeast part of the site. Bruce Sheppard with BNRR, Tom Backer with Preston Thorgrimson, and Rick Roeder with the WDOE visited the site.

July 15, 1993 Burlington Environmental and Olympus conducted a health and safety meeting. Installation of permanent fence continued. One truckload of scrap metal (tops of the sheet piling that had been cut off) was transported by Olympus to Pacific Steel in Spokane, Washington, to be recycled. The site was secured and Olympus and Burlington Environmental demobilized for the upcoming shift break.

July 16, 1993 Shift break; no work.

July 17, 1993 Shift break; no work.

July 18, 1993 Shift break; no work.

## II. Problems or Difficulties

No problems or difficulties were encountered.



**BURLINGTON ENVIRONMENTAL**

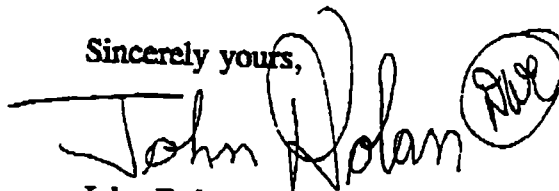
Page 3  
Mr. Bob Kievit  
July 19, 1993

III. Upcoming Activities

Activities planned for next week include continuing excavation in the south part of the lagoon area. The most recent preliminary sample results indicate only a small area of contamination is still present in the lagoon area; therefore, verification samples are expected to be collected once preliminary samples indicate that this area has been cleaned up. Excavation of approximately 10 cubic yards of white-chalky material encountered in the north exclusion zone containing high concentrations of lead and arsenic will occur. This material will be placed in a rolloff box for storage until treatment or disposal can be arranged. Suspected TPH-impacted soils located along the east side of the site will be excavated.

Please call me at (509) 575-7953 if you have any questions regarding this weekly progress report.

Sincerely yours,



John Dolan  
On-Site Coordinator

JD/jg/SRWEEK18.LET

- cc: David Eagleton and Tom Hippe (Burlington Environmental)
- Bruce Sheppard (BNRR)
- Lee Otis (U.S. Environmental Protection Agency)
- Anne Little (BNRR)
- Tom Backer (Preston, Thorgrimson, Shidler, Gates, and Ellis)
- Marla Stremcha (Olympus)



**BURLINGTON  
ENVIRONMENTAL**

July 26, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop PVII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project Weekly Status Report  
July 19, 1993, Through July 25, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From July 19, 1993, Through July 25, 1993

July 19, 1993 Burlington Environmental and Olympus Environmental (Olympus) conducted a health and safety meeting. Permanent fence installation continued. Olympus and Burlington Environmental prepared to excavate material containing high concentrations of lead and arsenic in the northern exclusion zone. Burlington Environmental personnel collected preliminary samples from an area in the south part of the lagoon excavation.

July 20, 1993 Burlington Environmental and Olympus conducted a health and safety meeting. Permanent fencing installation continued. Olympus and Burlington Environmental personnel reviewed the health and safety addendum for excavation of material containing high concentrations of lead and arsenic. Approximately 18 cubic yards of visibly contaminated material was excavated and placed in an enclosed rolloff box. Burlington Environmental personnel performed air monitoring, providing immediate results, at the fence line directly downwind of the excavation to ensure the exclusion zone and engineering controls (dust control) were working. Burlington Environmental personnel collected preliminary samples in the excavation to be analyzed for lead and arsenic in addition to DDD, DDT, DDE, dieldrin, and hexachlorobenzene. Burlington Environmental personnel recorded water levels in existing wells.

Page 2  
Mr. Bob Kievit  
July 26, 1993

July 21, 1993 Burlington Environmental and Olympus conducted a health and safety meeting. Approximately 540 cubic yards of clean backfill material was transported onto the site by Ken Leingang Trucking and was placed in the north excavation area. Olympus loaded and transported clean debris to the Terrace Heights Landfill. Permanent fence installation continued along the west side of the site. Burlington Environmental received analytical results for pesticides from the preliminary samples collected in the excavation of lead and arsenic. Six of the twelve samples exceeded cleanup levels for DDT. Approximately 5 cubic yards of soil was excavated from the south part of the lagoon and was placed on the southern temporary storage pile. Burlington Environmental personnel collected preliminary samples in this excavation.

July 22, 1993 Burlington Environmental and Olympus conducted a health and safety meeting. Approximately 24 cubic yards of soil was excavated from an area west of the Akland Building and approximately 2 cubic yards from an area in the south part of the lagoon excavation. This soil was placed on the southern temporary storage area. Burlington Environmental personnel collected preliminary samples west of the Akland Building and in the lagoon excavation. Installation of permanent fence continued. Burlington Environmental received analytical results from the preliminary samples from the lagoon indicating only one sample exceeded cleanup concentrations. Approximately 18 cubic yards of stockpiled-petroleum-impacted soil was transported to the south section of the southern temporary storage area. A liner was used in the south storage area to separate the petroleum-impacted soil from the pesticide-impacted soil.

July 23, 1993 Burlington Environmental and Olympus conducted a health and safety meeting. Installation of permanent fence continued. Approximately 3 cubic yards of soil was removed from an area west of the Akland Building and approximately 0.5 cubic yards from an area in the south part of the lagoon and was placed on the southern temporary storage area. Burlington Environmental personnel collected preliminary samples west of the Akland Building and in the lagoon excavation. Approximately 4 cubic yards of soil containing lead and arsenic was excavated from the area in the northern exclusion zone and placed in the enclosed rolloff box. Burlington Environmental personnel performed air monitoring and collected preliminary samples in the excavation. Approximately 104 cubic yards of petroleum-impacted soil was excavated and placed separate from the pesticide-impacted soils in the south section of the southern temporary storage area. Olympus demobilized from the site for the shift break.

Page 3  
Mr. Bob Kievit  
July 26, 1993

July 24, 1993 Shift bread; no work.

July 25, 1993 Shift break; no work.

II. Problems or Difficulties

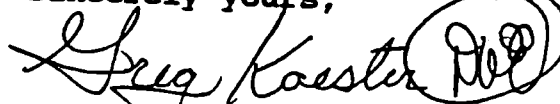
No problems or difficulties were encountered.

III. Upcoming Activities

Activities planned for next week include continuing excavation in the south portion of the lagoon area if preliminary sample results indicate contamination is still present in the lagoon area. Verification samples are expected to be collected once preliminary samples indicate that this area is clean. Continue excavation of petroleum-impacted soils located along the east side of the site.

Please call me at (509) 575-7953 if you have any questions regarding this weekly progress report.

Sincerely yours,



Greg A. Koester  
On-Site Coordinator

JD/jl/WEEK19.LET

cc:David Eagleton and Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Lee Otis (U.S. Environmental Protection Agency)  
Anne Little (BNRR)  
Tom Backer (Preston, Thorgrimson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus)



**BURLINGTON  
ENVIRONMENTAL**

August 2, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop VII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project Weekly Status Report  
July 26, 1993, Through August 1, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From July 26, 1993, Through August 1, 1993

**July 26, 1993** Burlington Environmental and Olympus Environmental (Olympus) conducted a health and safety meeting after mobilizing to the site. Permanent fence installation was completed. Olympus removed old permanent and temporary fence along the west side of the site. Burlington Environmental received preliminary sample results for pesticides from the south lagoon and west of the Akland Building excavations. An evaluation of results indicated no concentrations exceed the assigned cleanup levels in either excavation. Burlington Environmental personnel prepared the verification sampling grid for the south lagoon.

Analytical results received from samples collected in the excavation of petroleum-impacted soils along the east side of the site indicate that petroleum-impacted soils still exist in concentrations above the assigned cleanup levels. One of eight samples from the excavation of soil with lead and arsenic exceeded assigned cleanup concentrations for lead and arsenic, 1000 milligrams per kilogram (mg/kg) and 200 mg/kg, respectively.

Olympus prepared the south portion of the southern temporary storage area for the placement and temporary storage of petroleum-impacted soils. The petroleum-impacted soils will be kept separated from the pesticide soils already existing in the southern temporary storage area.

Burlington Environmental Inc.

P.O. Box 330 • 210 West Sand Bank Road • Columbia, IL 62236-0330

Phone 618/281-7173 • 314/241-1785 • FAX 618/281-5120



Page 2  
Mr. Bob Kievit  
August 2, 1993

**July 27, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Approximately 90 cubic yards of petroleum-impacted soils was excavated. A portion of petroleum-impacted soils were not excavated because the excavation was limited to the east by the site boundary and to the west by a live water main. Burlington Environmental personnel collected preliminary samples in the petroleum excavation to be analyzed for total petroleum hydrocarbons (TPH) and the pesticide list.

One roll-off box was delivered on site by DART Trucking for the storage of lead and arsenic contaminated soil. Approximately 6 cubic yards of lead and arsenic contaminated soil was excavated in Level B Personal Protection Equipment (supplied-air respirator and chemical-resistant clothing) and placed in the roll-off box. After placement, the roll-off box was covered and secured. Burlington Environmental personnel performed air monitoring, providing immediate results, at the fence line directly downwind of the excavation to ensure the exclusion zone and engineering controls (dust control) were working. Burlington Environmental personnel collected preliminary samples in the excavation to be analyzed for lead and arsenic in addition to the pesticide list.

**July 28, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Olympus loaded and transported clean debris to the Terrace Heights Landfill. Burlington Environmental personnel set the stakes in the south lagoon identifying where verification samples shall be collected according to the verification sampling grid. Burlington Environmental personnel collected verification samples in accordance with the protocol specified in the Soil Removal Work Plan. The verification samples were sent to Southwest Laboratories, Inc. for analysis.

**July 29, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Jim Dolan is now acting as on-site coordinator. Burlington Environmental received preliminary TPH sample results. TPH concentrations still exist above assigned cleanup concentrations along the east portion of the site. Approximately 36 cubic yards of petroleum-impacted soils were excavated and placed in the designated section of the southern temporary storage area. Burlington Environmental collected preliminary samples in the TPH excavation.

Lead and arsenic analytical results were received. Lead and arsenic concentrations still exist above assigned cleanup concentrations in excavation located north of the Akland Building.

Page 3  
Mr. Bob Kievit  
August 2, 1993

**July 30, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Approximately 10 cubic yards of lead and arsenic contaminated soil was excavated in Level B Personal Protection Equipment (supplied-air respirator and chemical-resistant clothing) and placed in a roll-off box. After placement, the roll-off box was covered and secured. Burlington Environmental personnel collected preliminary samples in the excavation to determine if lead and arsenic still exist above assigned cleanup levels. Petroleum-impacted soils were excavated where accessible. Olympus demobilized from the site for the shift break.

**July 31, 1993** Shift break; no work.

**August 1, 1993** Shift break; no work.

## II. Problems or Difficulties

No problems or difficulties were encountered.

## III. Upcoming Activities


Activities planned for next week include continuing excavation in the north area for lead, arsenic, and pesticide-impacted soils until analytical results indicate concentrations below cleanup levels. Analytical results should be received from verification soil samples collected in the south lagoon. Suspected petroleum-impacted soils located along the east side of the site will be excavated wherever accessible.

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Mr. Bob Kievit  
August 2, 1993

Please call Jim Dolan or me at (509) 575-7953 if you have any questions regarding this weekly progress report.

Sincerely yours,

BURLINGTON ENVIRONMENTAL INC.

  
Greg A. Koester  
On-Site Coordinator  
Environmental Engineer

GAK/gak/WEEK20.LET

cc: David Eagleton and Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Lee Otis (U.S. Environmental Protection Agency)  
Anne Little (Preston, Thorgrimson, Shidler, Gates, and Ellis)  
Maria Stremcha (Olympus)





**BURLINGTON  
ENVIRONMENTAL**

August 9, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop PVII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project Weekly Status Report  
August 2, 1993 - August 8, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From August 2 - 8, 1993

**August 2, 1993** Burlington Environmental and Olympus Environmental (Olympus) crews conducted a health and safety meeting. The cover on the northern stockpile was resecured. Prepared for excavation of additional soil contaminated with lead and arsenic. Constructed a berm around a portion of the petroleum impacted soil temporary storage area. Burlington Environmental received results from Southwest Laboratories of the verification samples collected from the lagoon area. All results were below the cleanup levels.

**August 3, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Measurements were taken of the lagoon excavation area and the volume of backfill necessary to backfill the lagoons was estimated. Approximately 36 cubic yards of pesticide impacted soils were excavated from an area in the northern exclusion zone and were placed in the southern temporary soil storage area. Two empty rolloff boxes were delivered to the site for the temporary storage of soil contaminated with lead and arsenic.

Page 2  
Mr. Bob Kievit  
August 9, 1993

**August 4, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Approximately 30 cubic yards of soil contaminated with lead and arsenic was excavated and placed into rolloff boxes for temporary storage until treatment of disposal of the material. Samples were collected in this excavation. Preliminary samples were also collected in areas where pesticide impacted soils had been excavated the previous day. Backfilling of the former lagoon area began and approximately 230 cubic yards of backfill material was placed in this area.

**August 5, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Approximately 1066 cubic yards of backfill was placed in the former lagoon area.

**August 6, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Approximately 8 cubic yards of soil contaminated with lead and arsenic was excavated and placed into rolloff boxes for temporary storage. Backfilling continued and approximately 1820 cubic yards of backfill was placed in the former lagoon area.

**August 7, 1993** Shift break; no work.

**August 8, 1993** Shift break; no work.

## II. Problems or Difficulties

No problems or difficulties were encountered.

Page 3  
Mr. Bob Kievit  
August 9, 1993

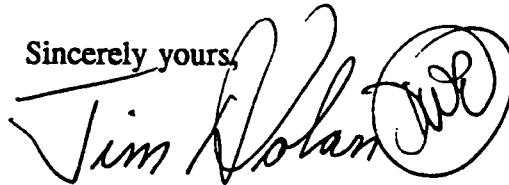
III. Upcoming Activities

Activities planned for next week include continuing backfilling the former lagoon area. Backfilling the former lagoon area will be completed. Excavation of pesticide impacted soils and soils contaminated with lead and arsenic will continue as necessary according to preliminary sample results. Verification samples will be collected in the northern exclusion zone and the area west of the Akland building once preliminary samples indicate that this area has been cleaned up.

David Broten will replace Jim Dolan as BNRR's On-Site Coordinator.

Please call me at (509) 575-7953 if you have any questions regarding this weekly progress report.

Sincerely yours,

A handwritten signature in black ink that reads "Jim Dolan". To the right of the name is a circular stamp or mark containing some illegible initials.

Jim Dolan  
On-Site Coordinator

DWE/de/SRAUG9.LET

cc: David Eagleton and Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Lee Otis (U.S. Environmental Protection Agency)  
Anne Little (BNRR)  
Tom Backer (Preston, Thorgrimson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus)



**BURLINGTON  
ENVIRONMENTAL**

August 16, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop VII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project Weekly Status Report  
August 9, 1993, Through August 15, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

**I. Project Activities From August 9, 1993, Through August 15, 1993**

**August 9, 1993** Burlington Environmental and Olympus Environmental (Olympus) conducted a health and safety. Approximately 397 cubic yards of clean backfill was placed in the former lagoon excavation. Approximately 132 cubic yards of pesticide-contaminated soil was excavated from the north exclusion zone and placed in the southern temporary storage area.

**August 10, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. After receiving preliminary sample results indicating soils exceeded assigned cleanup levels in the north excavation, approximately 34 cubic yards of soil was excavated and placed in the southern temporary storage area. Burlington Environmental personnel collected preliminary samples in the excavation.

**August 11, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. After receiving preliminary sample results indicating only one soil sample exceeded assigned cleanup levels in the north excavation, approximately 6 cubic yards of soil was excavated and placed in the southern temporary storage area. Burlington Environmental personnel collected preliminary samples in the excavation.

Page 2  
Mr. Bob Kievit  
August 16, 1993

Larry McGill of Olympus, David Broten of Burlington Environmental, and Don Johnson of Hansen Fruit Company met to discuss a draft access agreement between BNRR and Hansen Fruit Company to allow BNRR to pursue the remediation of petroleum contaminated soil that possibly continues onto Hansen Fruit Company property.

Groundwater levels in the on-site wells were measured. Olympus performed general site cleanup.

August 12, 1993 Burlington Environmental collected verification samples for the excavation located north and west of the Akland Building.

August 13, 1993 Shift break; no work.

August 14, 1993 Shift break; no work.

August 15, 1993 Shift break; no work.

## II. Problems or Difficulties

No problems or difficulties were encountered.

## III. Upcoming Activities

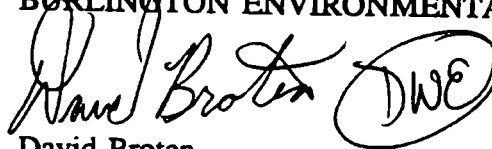
Analytical results should be received from verification soil samples collected on August 12, 1993 from the excavated areas north and west of the Akland Building. Backfilling may begin in the northern exclusion zone pending results of these verification samples.

Page 3  
Mr. Bob Kievit  
August 16, 1993

Please call David Broten at (206) 654-6629 or David Eagleton at (618) 281-7173 if you have any questions regarding this weekly progress report.

Sincerely yours,

BURLINGTON ENVIRONMENTAL INC.



David Broten  
On-Site Coordinator

GAK/gak/WEEK21.LET

cc: David Eagleton and Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Linda Priddy (U.S. Environmental Protection Agency)  
Anne Little (Preston, Thorgrimson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus)



**BURLINGTON  
ENVIRONMENTAL**

August 23, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop VII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project Weekly Status Report  
August 16, 1993, Through August 22, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From August 16, 1993, Through August 22, 1993

No on-site activities were performed this week pending receipt and evaluation of analytical results of verification samples collected on August 12, 1993. Burlington Environmental received analytical results for these verification samples on August 18, 1993.

II. Problems or Difficulties

No problems or difficulties were encountered.

III. Upcoming Activities

Pending USEPA approval, backfilling may begin in the northern excavation area the week of August 23, 1993. In the event verification sample results indicate that portions of the north excavation area exceeds cleanup criteria, further excavation will be performed.

Burlington Environmental Inc.

P.O. Box 330 • 210 West Sand Bank Road • Columbia, IL 62236-0330

Phone 618/281-7173 • 314/241-1785 • FAX 618/281-5120

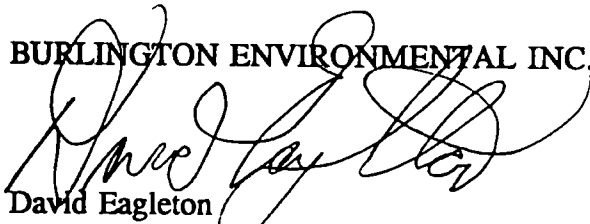


Page 2  
Mr. Bob Kievit  
August 23, 1993

Please call me at (618) 281-7173 if you have any questions regarding this weekly progress report.

Sincerely yours,

BURLINGTON ENVIRONMENTAL INC.



David Eagleton  
Environmental Engineer

GAK/DWE/gak/WEEK22.LET

cc: Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Linda Priddy (U.S. Environmental Protection Agency)  
Anne Little (Preston, Thorgrimson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus)





**BURLINGTON  
ENVIRONMENTAL**

August 30, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop VII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project Weekly Status Report  
August 23, 1993, Through August 29, 1993**

On behalf of Burlington Northern Railroad, Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From August 23, 1993, Through August 29, 1993

**August 23, 1993** Burlington Environmental and Olympus Environmental (Olympus) conducted a health and safety meeting. General site cleanup and weed cutting was performed.

**August 24, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. General site cleanup continued. Preparations for covering the southern temporary storage area were made. Approximately 396 cubic yards of clean backfill was placed in the north excavation in areas where further excavation was not necessary.

Due to an inconsistency in duplicate sample results (VNE11-03, duplicate of VNE10-03) from verification sampling of the north excavation, Burlington Environmental personnel resampled the area where the duplicate was originally collected.

**August 25, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Approximately 972 cubic yards of clean backfill was placed in the north excavation.

**August 26, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Backfilling continued and approximately 804 cubic yards was placed in the north excavation. Analytical results from verification samples collected on August 24 were received indicating that the north excavation area is clean.

Page 2  
Mr. Bob Kievit  
August 23, 1993

**August 27, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Performed general site cleanup and demobilized from site for shift break.

**August 28, 1993** Shift break; no work.

**August 29, 1993** Shift break; no work.

II. Problems or Difficulties

No problems or difficulties were encountered.

III. Upcoming Activities

Backfilling of the north excavation will continue. A cover will be placed over the southern temporary storage area. Installation of the City water main that had been removed from areas north and west of the Akland Building may begin. General site cleanup will continue.

Please call me at (509) 575-7953 or David Eagleton at (618) 281-7173 if you have any questions regarding this weekly progress report.

Sincerely yours,

BURLINGTON ENVIRONMENTAL INC.

  
John Dolan  
On-Site Coordinator

GAK/DWE/gak/SRWEEK26.LET

cc: Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Linda Priddy (U.S. Environmental Protection Agency)  
Anne Little (Preston, Thorgrimson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus)



**BURLINGTON  
ENVIRONMENTAL**

September 7, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop VII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project Weekly Status Report  
August 30, 1993, Through September 5, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From August 30, 1993, Through September 5, 1993

**August 30, 1993** Burlington Environmental and Olympus Environmental (Olympus) conducted a health and safety meeting. Approximately 1,056 cubic yards of clean backfill were placed in the north excavation. Bob Kievit and Linda Priddy visited the site. Throughout the week, Olympus performed general site cleanup and prepared for placing a cover over the southern temporary storage area and demobilization.

**August 31, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Bob Kievit and Linda Priddy left the site. Approximately 880 cubic yards of clean backfill were placed in the north excavation. General site cleanup was performed with decontamination of miscellaneous equipment. Removed temporary fencing located west and north of Akland Building.

**September 1, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Approximately 1104 cubic yards of clean backfill were placed in the north excavation. During general site cleanup, approximately 250 gallons of decon water were placed over the soils in the southern temporary storage area. Additional backfill was placed in areas west and north of the Akland Building in preparation of the installation of the City's 12-inch water main. Bruce Sheppard of BNRR visited the site.

Page 2  
Mr. Bob Kievit  
September 7, 1993

**September 2, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Backfilling was completed with approximately 1176 cubic yards being placed in the north excavation. Preparations for covering the southern temporary storage area were made.

**September 3, 1993** Burlington Environmental and Olympus conducted a health and safety meeting.

**September 4, 1993** Shift break; no work.

**September 5, 1993** Shift break; no work.

## II. Problems or Difficulties

No problems or difficulties were encountered.

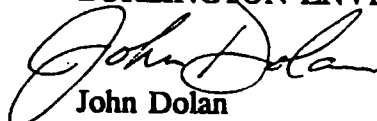
## III. Upcoming Activities

A plastic cover will be placed over the southern temporary storage area. Additional precautions will be performed to secure both storage areas prior to demobilization. Installation of the portion of the City water main that had been removed from the areas west and north of the Akland Building will begin. General site cleanup will continue. One truck load of miscellaneous contaminated debris will be hauled to Arlington for proper disposal.

Please call me at (509) 575-7953 if you have any questions regarding this weekly progress report.

Sincerely yours,

BURLINGTON ENVIRONMENTAL, INC.

  
John Dolan  
On-Site Coordinator

*GAK 9/7/93*

JD/GAK/gak/SRWEEK27.LET

cc: Tom Hippe (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Linda Priddy (U.S. Environmental Protection Agency)  
Anne Little (Preston, Thorgrimson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus)



**BURLINGTON  
ENVIRONMENTAL**

September 13, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop VII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project Weekly Status Report  
September 6, 1993, Through September 12, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From September 6, 1993, Through September 12, 1993

**September 6, 1993** Holiday; no work.

**September 7, 1993** Burlington Environmental and Olympus Environmental (Olympus) conducted a health and safety meeting. Twelve inch water pipe was brought onto site. Olympus placed additional sandbags on the north temporary storage area to better secure the cover. Sandbags were filled to prepare for the placement of a cover on the southern temporary soil storage area.

**September 8, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. One truckload of material was transported off site for disposal at Chemical Waste Management's, Arlington, Oregon facility. Placed and secured a cover over the southern temporary soil storage area.

**September 9, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Performed general site cleanup. Approximately 260 cubic yards of clean backfill was placed over the drain line located west of the lagoon area.

In a telephone conversation, Tom Hippe informed Bob Kievit that the installation of the water main section located west and north of the Akland building would not be completed by September 14, 1993 which was the



Page 2  
Mr. Bob Kievit  
September 13, 1993

completion date for soil removal activities. Bob Kievit approved the delay and stated that a letter requesting an extension for soil removal activities would not be necessary.

September 10, 1993 Burlington Environmental and Olympus conducted a health and safety meeting. Performed general site cleanup and demobilized for the upcoming shift break.

September 11, 1993 Shift break; no work.

September 12, 1993 Shift break; no work.

## II. Problems or Difficulties

No problems or difficulties were encountered.

## III. Upcoming Activities

Burlington Environmental personnel will collect a composite sample to be analyzed for TCLP metals from rolloff boxes containing soils impacted with lead and arsenic. Installation of the City water main that had been removed from the areas west and north of the Akland Building may be completed.

Please call me at (509) 575-7953 if you have any questions regarding this weekly progress report.

Sincerely yours,

BURLINGTON ENVIRONMENTAL INC.

*John Dolan*  
John Dolan

On-Site Coordinator

JD/GAK/gak/SRWEEK28.LET

cc: Tom Hippe and David Eagleton (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Linda Priddy (U.S. Environmental Protection Agency)  
Anne Little (Preston, Thorgrimson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus)



**BURLINGTON  
ENVIRONMENTAL**

September 20, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop VII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project Weekly Status Report  
September 13, 1993, Through September 19, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From September 13, 1993, Through September 19, 1993

**September 13, 1993** Burlington Environmental and Olympus Environmental (Olympus) conducted a health and safety meeting. Olympus placed additional sandbags on the southern temporary soil storage area cover.

Burlington Environmental personnel collected 1 composite soil sample from the three rolloff boxes containing soils with relatively moderate concentrations of lead and arsenic to be analyzed for TCLP metals.

**September 14, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Olympus placed additional sandbags on the southern temporary storage area cover.

**September 15, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Olympus placed additional sandbags on the southern temporary soil storage area cover.

Burlington Environmental personnel collected 1 composite soil sample from the rolloff box containing soils with relatively high concentrations of lead and arsenic to be analyzed for TCLP metals.

**September 16, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Both northern and southern temporary soil storage



**BURLINGTON  
ENVIRONMENTAL**

Page 2

Mr. Bob Kievit

September 20, 1993

areas were secured. Replacement of the 12-inch water main located north and west of the Akland Building began.

**September 17, 1993** Burlington Environmental and Olympus conducted a health and safety meeting. Replacement of the 12-inch water main continued. The site was secured for shift break.

**September 18, 1993** Shift break; no work.

**September 19, 1993** Shift break; no work.

II. Problems or Difficulties

No problems or difficulties were encountered.

III. Upcoming Activities

The replacement of the City's 12-inch water main that had been removed from the areas north and west of the Akland Building will be completed. Soil removal activities will be completed.

Please call me at (509) 575-7953 if you have any questions regarding this weekly progress report.

Sincerely yours,

**BURLINGTON ENVIRONMENTAL INC.**

*John Dolan*  
John Dolan

On-Site Coordinator

JD/GAK/gak/SRWEEK29.LET

cc: Tom Hippe and David Eagleton (Burlington Environmental)  
Bruce Sheppard (BNRR)  
Linda Priddy (U.S. Environmental Protection Agency)  
Anne Little (Preston, Thorgrimson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus)

Burlington Environmental Inc.

P.O. Box 330 • 210 West Sand Bank Road • Columbia, IL 62236-0330  
Phone 618/281-7173 • 314/241-1785 • FAX 618/281-5120





**BURLINGTON  
ENVIRONMENTAL**

September 27, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
c/o Washington State Department of Ecology  
Mail Drop VII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Woods Industries Site, Yakima, Washington  
Soil Removal Project Weekly Status Report  
September 20, 1993, Through September 24, 1993**

On behalf of Burlington Northern Railroad (BNRR), Burlington Environmental Inc. (Burlington Environmental) is pleased to submit this weekly progress report for the subject project in compliance with Administrative Order Number 1087-03-18-106.

I. Project Activities From September 20, 1993, Through September 24, 1993

September 20 - 24, 1993 Replacement of the 12-inch water main located north and west of the Akland Building continued. On September 24th replacement of the water main was completed and the site was secured for the end of soil removal activities.

II. Problems or Difficulties

No problems or difficulties were encountered.

Page 2  
Mr. Bob Kievit  
September 27, 1993

III. Upcoming Activities

Upcoming activities include site preparation and mobilization for soil treatment activities. A mobilization date for these activities has not been set.

Please call me at (206) 223-0336 or David Eagleton at (618) 281-7173 if you have any questions regarding this weekly progress report.

Sincerely yours,

BURLINGTON ENVIRONMENTAL INC.

*John Dolan (AE)*

John Dolan  
On-Site Coordinator

JD/GAK/gk/SRWEEK30.LET

cc: Tom Hippe and David Eagleton (Burlington Environmental),  
Bruce Sheppard (BNRR)  
Linda Priddy (U.S. Environmental Protection Agency)  
Anne Little (Preston, Thorgrimson, Shidler, Gates, and Ellis)  
Marla Stremcha (Olympus)

C

APPENDIX C

Contractor Documentation

- C-1 Olympus Environmental's Project Summary Report
- C-2 Sheet Pile Wall Design and Soil Density Test Results
- C-3 Occupancy and Detour Agreements with Washington  
Central Railroad
- C-4 Waste Profiles and Disposal Certificates
- C-5 Air Sampling Summary
- C-6 Olympus Environmental's Daily Safety Reports
- C-7 Standard Daily Logs
- C-8 Sanitary Landfill Disposal Tickets

APPENDIX C-1

Olympus Environmental's Project Summary Report



RECEIVED SEP 25 1993

September 24, 1993

Mr. David Eagleton  
Burlington Environmental, Inc.  
210 West Bank Road  
Columbia, IL 62236-0330

Re: Project Summary Report  
BNRR Woods Industries - Soil Excavation  
Olympus Project No. 93-4394

Dear Mr. Eagleton:

Enclosed please find a copy of the project summary report prepared by Olympus Environmental, Inc (Olympus). Also, enclosed are copies of each daily safety meeting report, standard daily work sheet, documentation of equipment decontamination sheets, and fire hydrant water usage log sheets.

If you have any questions or comments, please do not hesitate to contact me at (206) 735-6625.

Sincerely,

Maria Stremcha  
Project Engineer

enclosures

cc: B. Sheppard, BNRR  
L. McGill, Olympus  
file 93-4394

**Environmental & Hazardous Waste Services**

Auburn, WA Spokane, WA Helena, MT Billings, MT Portland, OR

2002 West Valley Hwy., Suite 600 • Auburn, WA 98001 • (206) 735-6625 • P.O. Box 1064 • Kent, WA 98035-1064

RECEIVED SEP 25 1993

**BURLINGTON NORTHERN RAILROAD  
WOODS INDUSTRIES - SOIL EXCAVATION  
Project Summary Letter Report  
Olympus Project No. 93-4394  
September 24, 1993**

**Prepared for:**

**Burlington Northern Railroad**

**Prepared by:**



**2002 West Valley Highway, Suite 600  
Auburn, Washington**

**(206) 735-6625**



September 24, 1993

Mr. Bruce Sheppard  
Manager Environmental Projects  
Burlington Northern Railroad  
2200 First Interstate Center  
999 Third Avenue  
Seattle, Washington 98104-1105

Re: BNRR Woods Industries - Soil Excavation  
Project Summary Letter Report  
Olympus Project No. 93-4394

Dear Mr. Sheppard:

This is a letter report summarizing for the soil excavation work that took place March through September, 1993 at the Woods Industries Site in Yakima, Washington. This report contains information and documents of the events that occurred at the site during this period.

### PROJECT SUMMARY

#### Site Preparation

Olympus Environmental, Inc. (Olympus) mobilized heavy equipment, field equipment, and personnel to the site during the week of March 29, 1993. Site preparation included preparing for the installation of the sheet piling, constructing the south stockpile area, and preparing the north building foundations of the north stockpile area.

#### - Sheet piling area

The sheet piling area was located on the west fence line of the north half of the property, parallel to the railroad tracks. The railroad communication lines were terminated by Washington Central Railroad Company (WCRC) and the poles and lines were removed by Olympus. Approximately 250 feet of chain link fence was removed along the railroad tracks and temporary fence was installed. A three foot precut of soil took place as specified in the sheet piling wall design (see Appendix A) and a staging area was constructed for the pile driving equipment. A temporary occupancy permit and detour agreement were signed by Olympus and WCRC on April 1, 1993 (see Appendix B) for the work along the railroad tracks.

**Environmental & Hazardous Waste Services**

Auburn, WA Bilings, MT Helena, MT Portland, OR

32 West Valley Hwy., Suite 600 • Auburn, WA 98001 • (206) 735-6625 • P.O. Box 1064 • Kent, WA 98035-1064



#### - South stockpile area

The south stockpile area was constructed using a loader and an excavator. An area approximately 150 feet by 125 feet was leveled and the surplus soil was used to construct a 3-foot high berm around three sides. The area was then covered with a one piece 20-mil liner. A 150 foot by 75 foot area was added to the stockpile during the course of the project to accommodate additional soils.

#### - North stockpile area

The two north building foundations were prepared to stockpile soil. Holes in the concrete foundations were patched with concrete, and a water sealant was applied to the floor. In the southwest corner of the foundation, an area approximately 12 feet by 20 feet was not patched with concrete, but was covered with a 20-mil plastic liner. Two areas, one measuring 25 feet by 100 feet and located west of the foundation, and one area measuring 50 feet by 100 feet and located east of the foundation, were later added to increase stockpile capacity. These areas were lined with 20-mil plastic.

### Sheet Piling Installation

Sheet piling was installed to maintain the integrity of the property situated west of the Woods property (see Appendix A). Initially, 100 linear feet of sheet piling was installed using 30-foot long sheets along the west section of the property. A second mobilization to remove additional contaminated soil west of the office building required the installation of an additional 140 linear feet of sheet piling. The piling was installed using a vibratory hammer, a crane and an excavator. The sheet piling was left in place.

### Soil Excavation

#### - South Excavation

The south excavations included the areas known as the north and south lagoons and other smaller isolated areas. All the material was excavated using a tracked excavator and dump trucks. The material was stockpiled on the south stockpile area and the excavation boundaries were delineated by samples collected by Burlington Environmental, Inc. (BEI). Approximately 5,500 yd<sup>3</sup> of soil were excavated from the south portion of the property.

#### - North Excavation

The north excavation included the area along the sheet piling wall, the area under the Woods building #2 foundation and cement slab, and the area west of the office building. The soil was excavated using tracked excavators and dump trucks. The soil was stockpiled in the north stockpile area and the south stockpile area. The excavation boundaries were delineated by samples collected by BEI. Approximately 13,000 yd<sup>3</sup> of soil were excavated from the north portion of the property. During the course of the north excavation, buried drums were located and removed, 240 feet of a 12-inch water main was

removed, an above ground concrete vault containing contaminated soil was demolished, petroleum contaminated soil was found, and contaminants of lead and arsenic were encountered.

The buried drums and surrounding contaminated soil were excavated and staged on plastic on the south stockpile. This soil was later placed into five (5) lined drop boxes on site (approximately 100 yd<sup>3</sup>) and the drums were cut open and steam cleaned on the stockpile. The cleaned drums were disposed of at Chemical Waste Management of the Northwest (CWM) under the same profile used for contaminated building demolition debris.

The 12-inch water main was cut and capped outside of the exclusion zones to prevent contamination of the water main. The water main pipe was decontaminated and recycled off-site. The water main was replaced with new material during the weeks of September 13 and 20, 1993.

An above ground vault containing contaminated soil was demolished during the excavation process. The vault contained approximately 80 yd<sup>3</sup> of soil and this material was stockpiled on the south stockpile. The concrete from the vault was disposed of at CWM in Arlington, Oregon.

Along the east fence line, an area containing petroleum contaminated soil was identified. Approximately 150 yd<sup>3</sup> of soil were excavated and found to be below state TPH limits and stockpiled on Fomey Street. An additional 308 yd<sup>3</sup> of petroleum contaminated soil were excavated and stockpiled on the south end of the south stockpile. This material was separated from the pesticide contaminated soil by a layer of 10-mil plastic.

During the north excavation process, lead arsenate was encountered. This material was excavated and staged on-site in four (4) drop boxes (approximately 88 yd<sup>3</sup>). All work dealing with the lead arsenate was conducted in Level B protection (supplied breathing air).

## **Disposal**

Olympus disposed of contaminated and clean debris, and drums of waste oil and PCB capacitors that remained on-site from the building demolition phase. The generator copies of the uniform hazardous waste manifests for the contaminated debris and drummed waste are located at Appendix C.

### **- Debris**

During the excavation of the north area, debris was encountered, including concrete slabs and foundations, drums, and piping. This material was separated as clean or contaminated debris. The clean debris was disposed of at the local county landfill. The contaminated debris, 19 truck loads, was disposed of at CWM in Arlington, Oregon (289 tons total).

## **- Drummed Waste**

During the building demolition phase, four (4) drums of waste oil were recovered from an underground storage tank that was removed from the property, and PCB capacitors from electrical equipment were consolidated into one (1) drum. These materials were profiled and disposed of through Burlington Environmental, Inc. in Seattle, Washington (see Appendix C for copies of manifests and profiles).

## **Air Sampling**

Olympus conducted environmental and personnel air monitoring during the soil excavation project. Initial background samples were collected prior to commencing on-site work. Samples were collected during sheet piling installation, soil excavation in the north area and south lagoons. Personnel air monitoring was suspended on April 30, 1993 after a review of sample results indicated that each work task had been adequately profiled and that exposure levels were extremely low. Additional air monitoring took place during excavation of the buried drums and lead arsenate. Periodic perimeter monitoring took place during the remainder of on-site work. Appendix D contains the complete Air Sampling Summary prepared by Olympus and Prezant Associates, Inc.

## **Backfill**

Once confirmation sample results indicated that the north and south areas were clean, backfill was brought in to fill the excavations to one (1) foot above the existing ground water table. Approximately 2,105 yd<sup>3</sup> of backfill were used to fill the south lagoon area and approximately 8,840 yd<sup>3</sup> of backfill were used to fill the north excavation and the 12-inch water line area. A 95 percent maximum density was required for the backfill along the sheet piling wall. Appendix A contains the test results for this material and area.

## **Site Conditions**

Remaining on site, at this time, are two (2) stockpiles of pesticide contaminated soil. The north stockpile contains approximately 7,095 yd<sup>3</sup> of soil and the south stockpile contains approximately 11,575 yd<sup>3</sup> of soil. The north stockpile was covered with one piece of 10-mil plastic and the south stockpile was covered with one piece of 12-mil reinforced plastic. Both stockpiles were secured with sand, staked sandbags, tires and ropes. There are five (5) drop boxes staged on the south part of the property containing approximately 100 yd<sup>3</sup> of heavily contaminated pesticide soil. Located on the north portion of the property are four (4) drop boxes containing approximately 88 yd<sup>3</sup> of lead arsenate contaminated soil.

Just off the southwest corner of the office building (on Forney Street) is the stockpile of petroleum soil that is below state TPH limits. The water main has been replaced and a

fire hydrant has been installed on the property near the office building. All the temporary fence has been removed from the site and permanent fence has been installed to enclose the entire site. The equipment decontamination area remains on-site.

Olympus appreciates the opportunity to provide environmental services to Burlington Northern Railroad and looks forward to continuing the relationship. If you have any questions or comments, please do not hesitate to contact me at (206) 735-6625.

Sincerely,



Marla Stremcha  
Project Engineer

att: Appendix A - Cantilever Sheet Piling Wall Design & Soil Density Test Results  
Appendix B - Occupancy & Detour Agreements  
Appendix C - Profiles & Disposal Certificates  
Appendix D - Air Sampling Summary

cc: L. McGill, Olympus  
D. Eagleton, BEI  
file 93-4394

APPENDIX C-2

Sheet Pile Wall Design and Soil Density Test Results

Cantilever Sheet Pile Wall Design  
Woods Industries Site  
Yakima, Washington

HWA Project Number 93019

March 29, 1993

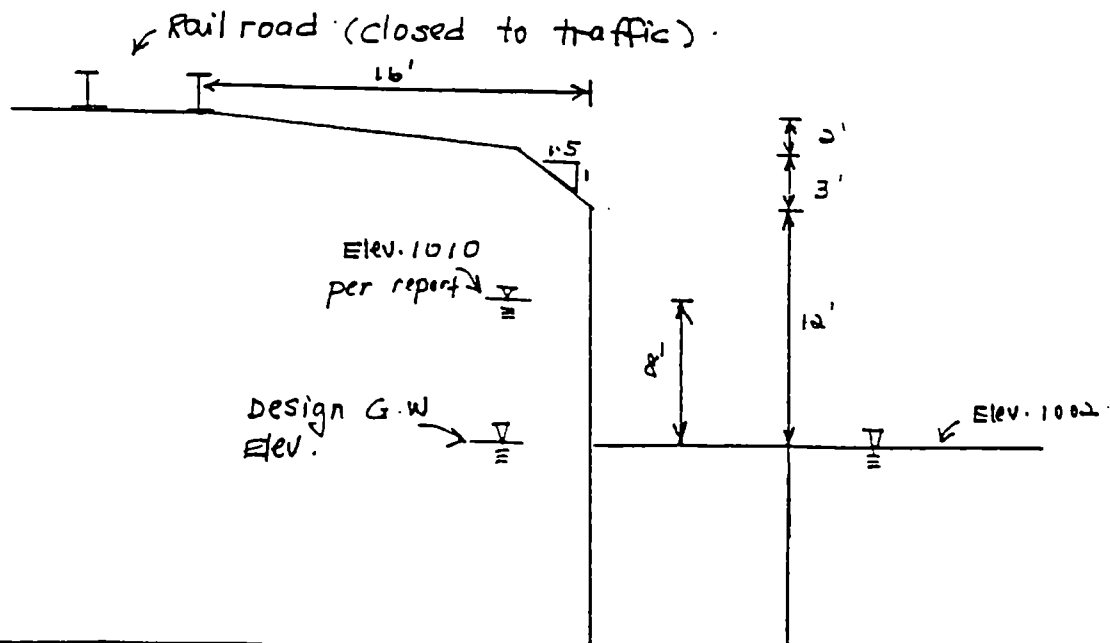
Prepared For  
Pile Contractors, Inc.



EXPIRES 8/2/94

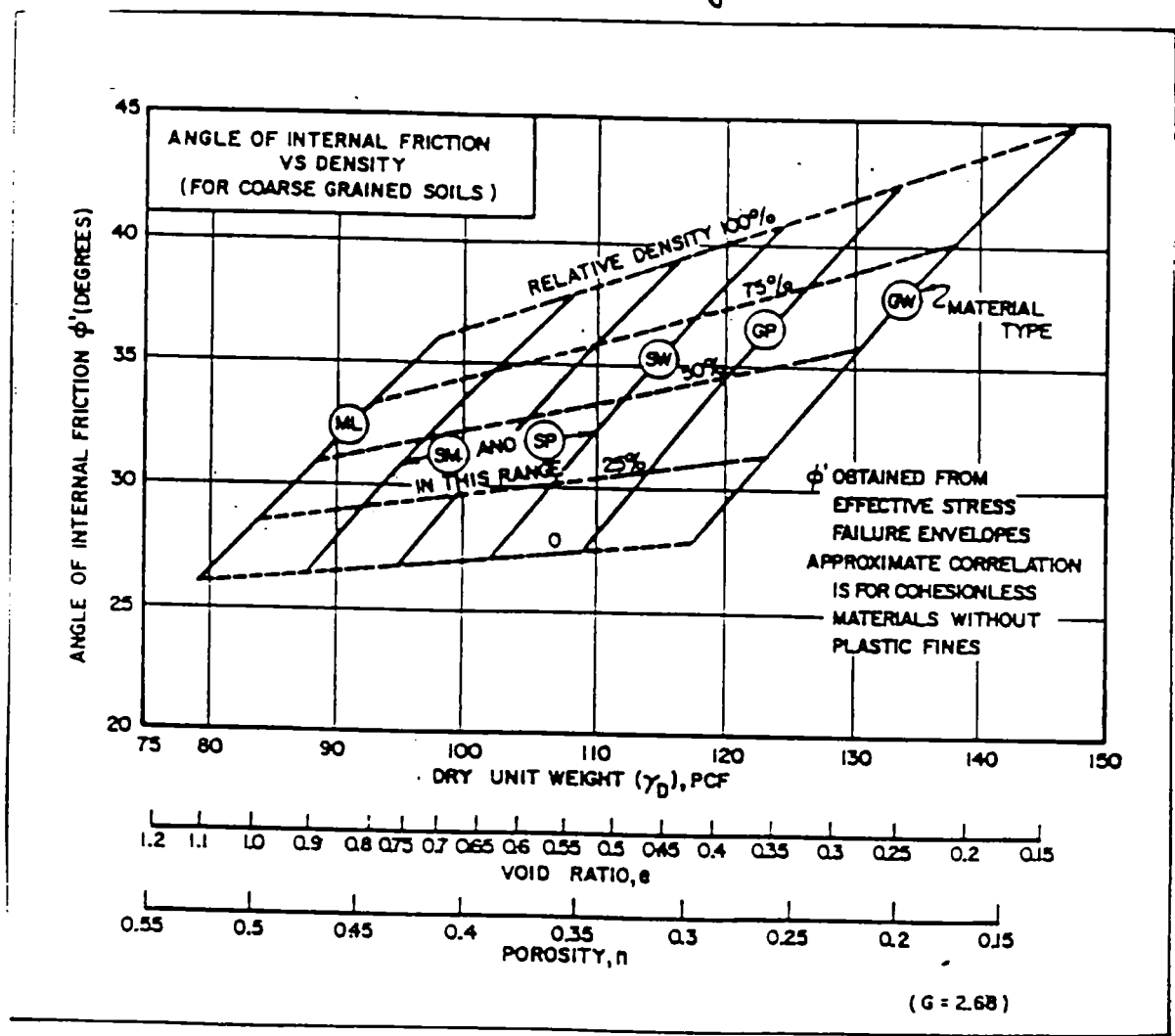
Subsurface conditions at the site is provided by Pile Contractors, Inc., in the form of a report prepared by Burlington Environmental, Inc. Soil conditions encountered during drilling of wells at the site are described as "a mixture of an unconsolidated, poorly sorted, sandy gravel to coarse sand w/ cobbles and a matrix of silt and clay". In well-2D, which is located approximately 50 feet east of the proposed steel sheet pile wall, top 5 feet of material was described as cinder fill in the well log.

Based on the topographic survey conducted by Rogers Surveying Inc., the existing ground is at Elev. 1017. It is our understanding that the proposed excavation will be 15' deep, including a 3' high backslope, therefore, bottom of the excavation will be at Elev. 1002. Based on Figures 3-4 thru' 3-6 of the Burlington Environmental report, groundwater elevation is between Elev. 1009 and 1010. However, based on conversation w/ Phil Bononcini (3/2/93), G.W. level is at 15' below the existing grade according to the recent survey of G.W. table in wells. Therefore, in the design, G.W. is assumed at the bottom of excavation



Lateral Pressure.

Blowcounts recorded in borehole no. W-7 showed a minimum value of 27 bpf, and averaging about 53 bpf. It is not unreasonable to assume a medium dense relative density,





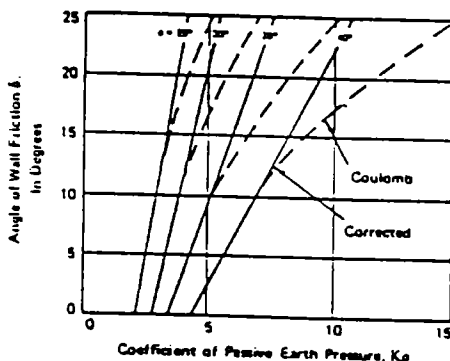
$$\begin{aligned} \text{For } \phi = 35^\circ, \quad K_A &= \tan^2(45 - \phi/2) \\ &= \tan^2(45 - 35/2) \\ &= 0.27 \end{aligned}$$

$$\begin{aligned} \gamma_{AE} &= 0.27 \times 120 \text{ pcf} \\ &= \underline{33 \text{ pcf}} \quad (\text{above water table}) \end{aligned}$$

$$\text{or } \gamma_{AE} = 0.27 \times (120 - 62.4) = \underline{16 \text{ pcf}} \quad (\text{below water table})$$

For passive pressure resistance, assume soil-wall friction angle of  $15^\circ$ , from the following chart,

$$K_p = 5.8$$



$$\gamma_{PE} = 5.8 (120 - 62.4) = 334 \text{ pcf} \quad \text{ultimate}$$

$$\text{or } = \underline{223 \text{ pcf}} \quad \text{w/ F.S.} = 1.5 \quad \checkmark$$

Surcharge = 3' high backslope, considered as  $1\frac{1}{2}'$  surcharge.  
 $= (1.5 \times 120) 0.27$   
 $= 50 \text{ psf}$



Determine pt. of zero shear

$$0.60 + 2.4 + 0.45(S_0 + 2) + 0.008(S_0 + 2)^2 - 0.44S_0 - 0.11S_0^2 = 0$$

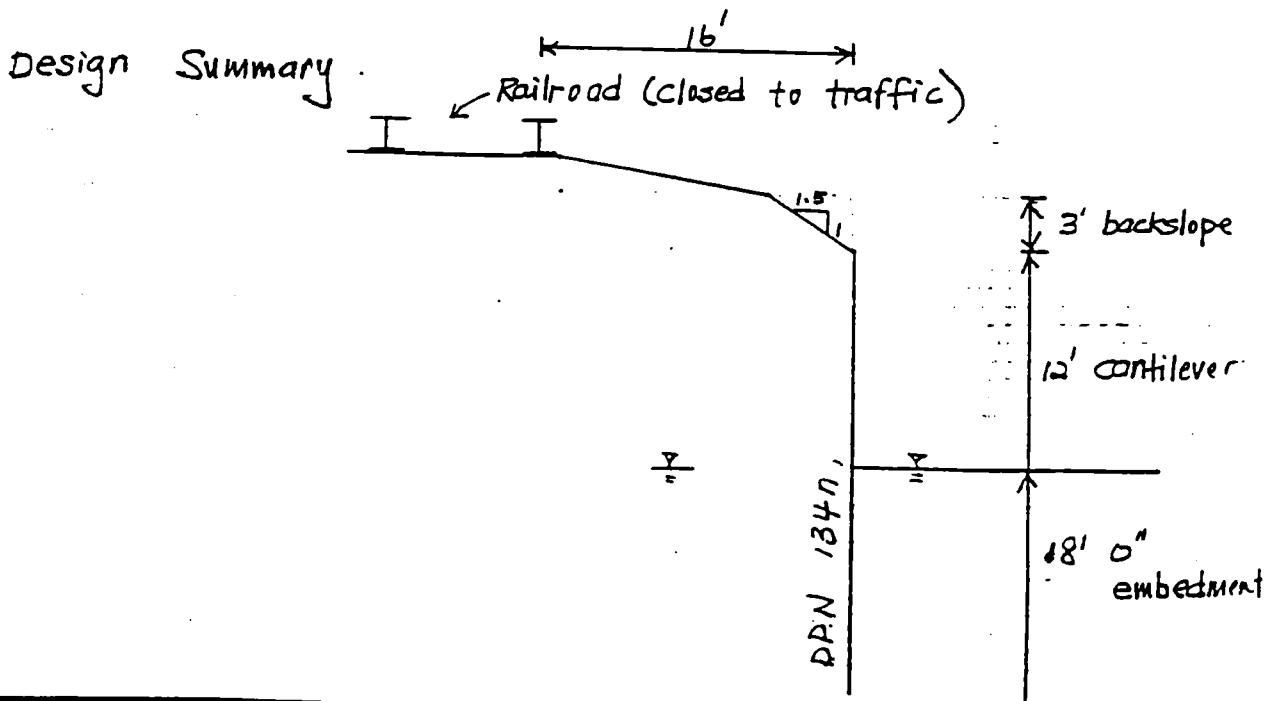
$$-0.102S_0^2 + 0.042S_0 + 3.932 = 0$$

$$S_0 = \frac{-0.042 \pm \sqrt{(0.042)^2 - 4(-0.102)(3.932)}}{2(-0.102)}$$

$$= 6.42' \quad \checkmark$$

Max. bending moment =  $0.60(6.42 \times 8) + 2.4(6.42 \times 6) + 0.025(6.42 \times 2)^2 + 2.67 \times 10^{-3}(6.42 \times 2)^3$   
 $- 0.22(6.42)^2 - 0.0367(6.42)^3$   
 $= 56.01 - 18.78$   
 $= 37.2 \text{ kft} \quad \checkmark$

Req'd  $S = \frac{37.2 \times 12}{0.6 \times 36} = 21 \text{ in}^3$ , say  $\frac{DPN - 134n}{S = 30.69 \text{ in}^3}$  per foot of wall.



Project \_\_\_\_\_

Calculations for \_\_\_\_\_

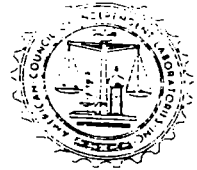
- Notes:
1. design groundwater elevation is assumed to be at 15' below the existing ground. It should be noted that, based on our previous experience in the Yakima area, groundwater will rise in the spring/summer time due to irrigation activities. If, for any reason the project is delayed and has to be built during irrigation season, the DPN 134-n may not be adequate for the increase groundwater elevation. In such an event the contractor is requested to have this design reviewed by the engineer. Appendix L of the Burlington Environmental report may have some useful information.
  2. design pressure does not include live load from train traffic. It is assumed the railroad will be closed for traffic until the excavation is backfilled.
  3. Driving sheet pile in gravel / cobbles / boulders can be difficult

Wentworth, Inc.

A member of the **HHH** group of companies

2214 NORTH 4TH AVENUE  
P. O. BOX 2601  
TRI-CITIES, WA 99302  
(509) 547-1671  
FAX (509) 547-1673

# TECHNICAL REPORT



OLYMPUS ENVIRONMENTAL  
2002 W. VALLEY HWY. SUITE 600  
AUBURN, WA 98001

APRIL 23, 1993  
JOB NO. 93-1979  
PAGE 1 OF 2

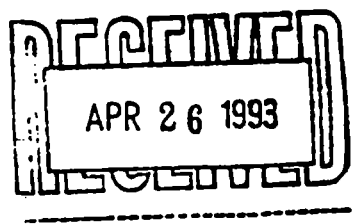
TESTS OF 4" MINUS MATERIAL FOR THE WOODS INDUSTRIAL PROJECT.  
YAKIMA, WASHINGTON

### SAMPLE IDENTIFICATION

On April 13, 1993, our personnel obtained one (1) sample of 4" Minus Material from the reported project and the location indicated. At your request tests were performed in general accordance with the following standards:

<u>TEST</u>	<u>STANDARD</u>
Sieve Analysis	ASTM C136 & C117
Moisture Density Relationship	ASTM D1557

See attached for test results.



OLYMPUS ENVIRONMENTAL  
AUBURN, WASHINGTON  
PAGE 2 OF 2

TEST RESULTS

Lab No. 10548  
Sample Location Selah Pit  
Date Sampled 4-13-93

SIEVE ANALYSIS

<u>Screen or Sieve Size</u>	<u>PERCENT PASSING</u>
4"	100
3"	95.6
2"	89.4
1 1/2"	87.1
1"	77.3
3/4"	70.3
1/2"	56.3
3/8"	41.9
No. 4	26.9
No. 10	19.5
No. 20	17.1
No. 40	12.1
No. 80	8.6
No. 200	4.7

MOISTURE DENSITY RELATIONSHIP

Maximum density obtained, by  
ASTM D1557, pcf 137.7  
Optimum Moisture by, % 4.1

REVIEWED BY \_\_\_\_\_



**MOISTURE-DENSITY RELATIONSHIP  
DATA SHEET**

TRI-CITIES  
2214 NORTH 4TH AVENUE  
P. O. BOX 2601  
TRI-CITIES, WA 99302  
(509) 547-1671  
FAX (509) 547-1673

REPORT TO: OLYMPUS ENVIRONMENTAL  
2002 W. VALLEY HWY. SUITE 600  
AUBURN, WA 98001

DATE: 4-22-93  
JOB NUMBER: 93-1979  
SHEET: 1 OF 1  
INVOICE NO.: 10548  
LAB NO.: 10548  
DATE SAMPLED: 4-13-93  
DATE RECEIVED: 4-14-93  
SAMPLED BY: CLIENT

PROJECT: WOODS INDUSTRIAL  
CONTRACTOR: N/A  
SAMPLE LOCATION: SELAH PIT

MATERIAL USE: PIT RUN, FILL

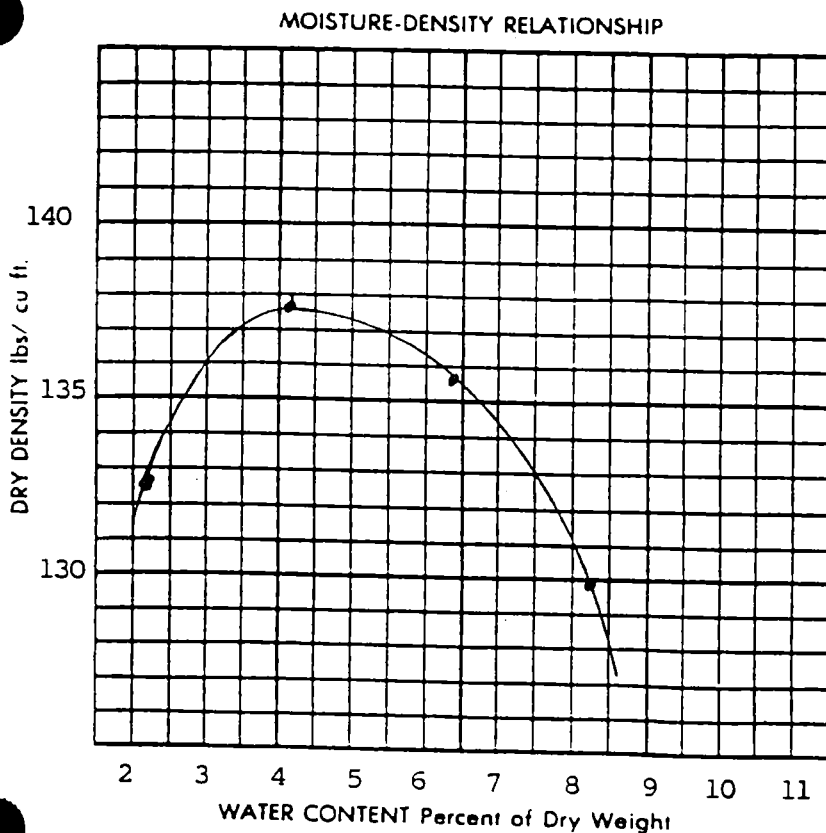
**MECHANICAL ANALYSIS**

SIZE	% PASS	SPECS.
4"	100	
3"	95.6	
2"	89.4	
1 1/2"	87.1	
1"	77.3	
3/4"	70.3	
1/2"	56.3	
3/8"	41.9	
No. 4	26.9	
No. 10	19.5	
No. 20	17.1	
No. 40	12.1	
No. 80	8.6	
No. 200	4.7	

UNIFIED CLASSIFICATION (ASTM D2487)

SPECIFIC GRAVITY: N/A  
LIQUID LIMIT: N/A  
PLASTICITY INDEX: N/A

TEST PROCEDURE ASTM D1557  
MAX. DENSITY: 137.7 PCF  
OPT. MOIST.: 4.1%  
RAMMER TYPE: MANUAL  
PREPARATION PROCEDURE: WET  
PENETRATION RESIS.:



REMARKS:

DISTRIBUTION:

Reviewed By: *[Signature]*

2214 NORTH 4TH AVENUE  
P. O. BOX 2601  
TRI-CITIES, WA 99302  
(509) 547-1671  
FAX (509) 547-1673

ENVIRONMENTAL



OLYMPUS ENVIRONMENTAL  
2002 W. VALLEY HWY., SUITE 200  
AUBURN, WA 98001

JUNE 1, 1993  
JOB NO. 93-1979  
PAGE 1 OF 2

TESTS OF COMPACTED IMPORTED BACKFILL MATERIAL FOR  
REINFORCEMENT OF BANK FOR RAILROAD TRACKS W. SIDE OF THE  
WOODS PROPERTY

SAMPLE IDENTIFICATION:

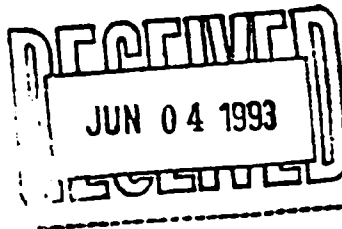
Attached are the results of field density tests performed on the above-referenced project on the dates and at the locations shown. Unless otherwise noted, our personnel utilized the nuclear densometer method of testing in accordance with ASTM D2922. In accordance with our quality control procedures, occasional routine correlation tests are performed using sand cone methods in accordance with ASTM D1556.

Contractor: OLYMPUS ENVIRONMENTAL  
Test Locations were selected by: CHEN-NORTHERN PERSONNEL @ RANDOM LOCATIONS  
Minimum required in-place density: 95% OF MAXIMUM LABORATORY DENSITY  
Maximum density as determined by:  
Remarks: ASTM D1557

TESTS PERFORMED ON 5-26 AND 5-27-93

Reviewed By: 

Distribution:





TEST RESULTS:		FIELD	FIELD DRY	MAXIMUM	PERCENT
TEST DATE	LAB NO.	MOISTURE	DENSITY	LAB DRY	MAXIMUM
		CONTENT %	PCF	DENSITY PCF	OBTAINED
5-26-93	51300	5.2	138.5	138.6	99.9
LOCATION: 12' E. OF SHEET PILE WALL, 12' BELOW RAILROAD TIES, 1ST LIFT					
5-26-93	51301	4.9	137.4	138.6	99.7
LOCATION: 10' E. OF SHEET PILE WALL, 12' BELOW RAILROAD TIES, 1ST LIFT					
5-26-93	51302	6.7	137.8	138.6	99.4
LOCATION: 10' E. OF SHEET PILE WALL, 11 1/2' BELOW RAILROAD TIES, N. END					
5-26-93	51303	4.9	137.7	138.6	99.4
LOCATION: 8' E. OF SHEET PILE WALL, 11 1/2' BELOW TBM					
5-26-93	51304	6.3	137.8	138.6	99.4
LOCATION: 12' E. OF SHEET PILE WALL, TBM, 10' MIDDLE					
5-26-93	51305	5.0	134.7	138.6	97.2
LOCATION: 15' E. OF SHEET PILE WALL, TBM, 10 1/2' N. END					
5-26-93	51306	7.1	136.0	138.6	98.1
LOCATION: 7' E. OF SHEET PILE WALL, TBM, 9 1/2' N. CENTER					
5-26-93	51307	6.1	136.3	138.6	98.3
LOCATION: 10' E. OF SHEET PILE WALL, TBM, 10' S. CENTER					
5-26-93	51308	7.7	133.5	138.6	96.3
LOCATION: 10' E. OF SHEET PILE WALL, TBM, 9' N. END					
5-26-93	51309	6.9	139.6	138.6	100. +
LOCATION: 10' E. OF SHEET PILE WALL, TBM, 9' S. END					
5-27-93	51310	6.3	138.5	138.6	99.9
LOCATION: FINISH GRADE N. END 12' FROM SHEET PILE WALL					
5-27-93	51311	6.4	134.1	138.6	96.8
LOCATION: FINISH GRADE 8' E. OF SHEET PILE WALL, CENTER AREA					

MOISTURE DENSITY CURVE NO. 10548 = 137.7 PCF @ 4.1% MOISTURE  
 CLIENT REQUEST ADJUSTMENT TO 138.6 PCF @ 5.0% MOISTURE

APPENDIX C-3

Occupancy and Detour Agreements with Washington Central Railroad

**TEMPORARY OCCUPANCY PERMIT**  
PERMIT NO. 93-TO-1005

**WASHINGTON CENTRAL RAILROAD COMPANY**, hereinafter called Railway Company, in consideration of ONE HUNDRED (\$100.00) dollars per month, or a total of ONE HUNDRED (\$100.00) dollars for the term of this permit as set forth in Paragraph 1, receipt of which is hereby acknowledged, and the covenants herein contained to be performed by OLYMPUS ENVIRONMENTAL, 2002 WEST VALLEY HIGHWAY SUITE 600, AUBURN, WA 98001, herein after called Grantee, hereby grants permission to said Grantee, solely for his accommodation to occupy temporarily an area 190 feet by 1000 feet of Railway Company's premises at or near the Station of YAKIMA, SOUTH OF MEAD AVENUE, under the direction of Railway Company's Agent located at 6 EAST ARLINGTON YAKIMA, WA 98902 for the purpose of DRIVING PILING AND EXCAVATION OF RAILROAD'S RIGHT OF WAY AS NEAR AS 10 FEET FROM CENTER LINE OF MAIN TRACK.

This permit is granted on the following terms and conditions:

1. Said occupancy of Railway Company's premises shall continue for a period of THIRTY (30) days from the said date hereof; however, the liability hereinafter assumed by Grantee shall continue for so long as Grantee or Grantee's property occupies said premises of Railway Company.

2. (a) It is understood by both parties that said premises will be in dangerous proximity to the tracks of Railway Company, and any persons or property thereon will be in danger of injury or destruction due to fire or other causes incident to the operation, maintenance, or improvement of the railway; and Grantee accepts this permit subject to such dangers. It is therefore agreed, as one of the material considerations of this permit, without which the same would not be granted, the Grantee assumes all risk of loss, damage, or destruction to Grantee's property or property in the care or custody of Grantee; or the injury to or death of Grantee, Grantee's agents or employees, without regard to whether such loss, damage, injury or death be occasioned by fire or sparks from locomotive engines or other causes incident to or arising from the movement of locomotives, trains or cars, misaligned switches, or in any respect from the operation, maintenance or improvement of the railway, or to whether such loss, damage, injury or death be the result of negligence or misconduct of any person in the employ or service of Railway Company, or of defective appliances, engines, or machinery. Grantee shall save and hold harmless Railway Company from all such claims or causes of action for loss, damage, injury or death asserted against Railway Company by any insurer of said premises.

(b) Grantee agrees that the use made of said premises permitted herein shall not damage the railroad or structures of Railway Company or the property of other persons, companies, or corporations, their successors and assigns located upon the premises of Railway Company with its consent, that the use of said premises or the storage of any materials thereon shall not be a menace to the safety of Railway Company's operations or any other operations conducted on or in the vicinity of said premises, or violate any federal, state or municipal laws, ordinances or regulations. Grantee hereby releases, indemnifies, and saves harmless Railway Company and any other person, company or corporation occupying Railway Company's premises with its consent, their successors and assigns, from and against all loss, damages, claims, demands, actions, causes of action, costs, and expenses of every character which may result from any injury to or death of any person whomsoever, including, but not limited to, employees, officers, and agents of the parties hereto, or from loss of or damage to property of any kind or nature to whomsoever belonging, including, but not limited to, property owned by or in the care, custody and control of the parties hereto, when such injury, death, loss, or damage is caused or contributed to by or arises from the use of or storage of materials on Railway's premises either by Grantee or at the direction of Grantee.

3. (a) Grantee shall not place or permit to be placed, or to remain, any material, structure, pole or other obstruction within 10 feet laterally of the center line, or within 23 feet vertically from the top of the rails, of any road track, if any is located upon or adjacent to the premises of Railway Company. **IF AT ANY TIME GRANTEE INTENDS TO BE CLOSER TO THE TRACKS OF RAILWAY COMPANY THAN 25 FEET, GRANTEE MUST FIRST CONTACT THE DISPATCHER, SHARON DROST, AT 509-453-9166, NO LATER THAN 24 HOURS PRIOR TO BEING UPON SAID PREMISES.**

(b) Grantee hereby indemnifies and saves harmless Railway Company from all loss, damages, penalties, costs or judgments that may be assessed against or recovered from it on account of or in any manner growing out of a violation of the provisions of this Paragraph 3.

4. It is agreed that the provisions of the three preceding paragraphs are for the equal protection of any other railroad company or companies heretofore or hereafter granted the joint use of Railway Company's property the occupancy if which is hereby permitted.

5. Grantee shall at all times keep said premises, the use of which is hereby granted, in a clean and sanitary condition.

6. Either party may terminate this permission at any time upon ten (10) days written notice to the other party. Grantee shall give its notice to the Division Superintendent of Railway Company, located at 6 EAST ARLINGTON, YAKIMA, WA 98902, by United States Mail. Railway Company may give its notice in the same manner to Grantee at 2002 WEST VALLEY HIGHWAY SUITE 600, AUBURN, WA 98001, or may serve same personally on Grantee, or post on the premises.

7. At the termination of this permission Grantee shall remove any of its property from said premises and upon failure to do so Railway Company may do so at Grantee's expense or may appropriate it to its own use without compensation.

8. No refund of all or any part of the rental paid hereunder shall be made by Railway Company should this permit be terminated by Grantee prior to the expiration of the full term hereof. Should Railway Company terminate this permit prior to expiration of the full term hereof for reasons other than the breach of a condition hereof by Grantee, Railway Company will refund pro rata share of rent paid by Grantee upon the execution hereof. In no event, however, will Railway Company be liable for any consequential damages as a result of such termination by it or for loss of crops should this permit be granted for haying or garden purposes.

IN WITNESS WHEREOF, the parties have executed these presents in duplicate this 30th day of MARCH, 1993

**WASHINGTON CENTRAL RAILROAD COMPANY**

By: *Richard S. Sample*  
President

**OLYMPUS ENVIRONMENTAL**

By: *Wally Seaman*  
TITLE: PRESIDENT

## DETOUR AGREEMENT

THIS AGREEMENT, made and entered into on the 30th day of March 1993, by and between OLYMPUS ENVIRONMENTAL INC. ("OLYMPUS"), a Washington corporation, whose billing address is 2002 West Valley Highway - Suite 600, Auburn WA 98001 and WASHINGTON CENTRAL RAILROAD COMPANY, a Washington corporation ("WCRC"), whose address is 6 East Arlington, Yakima WA 98901.

1. Reason for and Description of Detour - OLYMPUS is performing a cleanup of the "Woods Industries site" in Yakima WA. A part of that cleanup involves excavation of soils that form the load bearing prism of the main line of WCRC adjacent to the site. OLYMPUS has requested, and WCRC has agreed, to detour trains off the main track and onto Yard Track One so that OLYMPUS will not have to shore its excavation to protect against the live loads imposed by a train on the main track.
2. Compensation - OLYMPUS will pay WCRC the train delay costs incurred to effect this detour. OLYMPUS and WCRC agree that the extra time per train round trip is one hour, and that the per hour charge of \$125, as published in Item 420 of WCRC Tariff 3000-D for Special Train service will apply to each train actually detoured.
3. Responsibility for damage. - OLYMPUS ENVIRONMENTAL will return excavated portion of the right of way to its normal load bearing condition.
4. Miscellaneous. - This Agreement constitutes the entire agreement between OLYMPUS and WCRC. This Agreement may not be amended, altered, or changed except by written agreement signed by the parties hereto. This Agreement shall be governed by and construed under the laws of the State of Washington.
5. Notices. - All Notices shall be in writing and shall be deemed delivered when mailed, postage prepaid, as follows:

To OLYMPUS

Ms. Marla T. Stremcha  
Environmental Engineer  
Olympus Environmental Inc.  
2002 West Valley Highway - Suite 600  
Auburn WA 98001

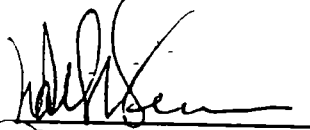
To WCRC

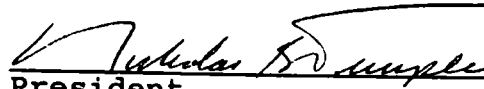
Mac McCulloch  
Marketing Vice President  
Washington Central Railroad  
6 East Arlington  
Yakima WA 98901

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the day and year first above mentioned.

OLYMPUS ENVIRONMENTAL

WASHINGTON CENTRAL RAILROAD

  
RESIDENT 4-1-93

  
President

(detour)\_



**ENVIRONMENTAL, INC.**

April 12, 1993

Mr. Mac McCulloch  
Marketing Vice President  
Washington Central Railroad  
6 East Arlington  
Yakima, WA 98901

Re: Detour of Trains  
Olympus Project No. 93-4394 ✓

Dear Mr. McCulloch:

This is written notice for the trains to be detoured off the main line beginning 6:00 am Tuesday 4/13/93 per the Detour Agreement between Washington Central Railroad (WCR) and Olympus Environmental, Inc. (Olympus) dated 3/30/93. Olympus will provide written notice to WCR when the trains can return to the main line.

If you have any questions please contact me at (509)248-9013 in Yakima, Washington or (206)735-6625 in Auburn, Washington.

Sincerely,

Marla Stremcha  
Environmental Engineer

cc: B. Sheppard, Burlington Northern Railroad  
L. McGill, Olympus  
D. Eagleton, BEI  
M. Martin, BEI

**Environmental & Hazardous Waste Services**

Auburn, WA Billings, MT Helena, MT Portland, OR

2002 West Valley Hwy., Suite 600 • Auburn, WA 98001 • (206) 735-6625 • P.O. Box 1064 • Kent, WA 98035-1064



June 1, 1993

Mr. Mac McCulloch  
Marketing Vice President  
Washington Central Railroad  
6 East Arlington  
Yakima, WA 98901

Re: Detour of Trains  
Olympus Project No. 93-4394

Dear Mr. McCulloch:

This is written notice for the trains to return transportation on the main track line beginning 6:00 p.m. Tuesday June 1, 1993. This is in accordance with the Detour Agreement between Washington Central Railroad and Olympus Environmental, Inc.

If you have any questions please contact me at (509) 248-9013 in Yakima, Washington or (206) 735-6625 in Auburn, Washington.

Sincerely,

Marla Stremcha  
Environmental Engineer

cc: B. Sheppard, Burlington Northern Railroad  
L. McGill, Olympus  
D. Eagleton, BEI  
M. Martin, BEI

Environmental & Hazardous Waste Services

Auburn WA Billings MT Helena MT Portland OR

02 West Valley Hwy., Suite 600 • Auburn, WA 98001 • (206) 735-6625 • P.O. Box 1064 • Kent, WA 98035-1064



APPENDIX C-4

Waste Profiles and Disposal Certificates

**CHEMICAL WASTE MANAGEMENT  
OF THE NORTHWEST**

**NATIONAL RESPONSE CENTER  
OREGON ACCIDENT RESPONSE CENTER**

1-800-424-8802  
1-800-452-0311

Form designed for use on electric (12 pitch) typewriter

Form Approved UMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>			1 Generator's US EPA ID No <u>WA149207010101010101</u>		Manifest Document No <u>14712916</u>		2 Page 1 of 1 Information in the shaded areas is not required by Federal law				
Generator's Name and Mailing Address <u>Waste Management, Inc. 17629 Cedar Springs Lane Arlington, Oregon 97812-9709</u>					A. State Manifest Document Number						
Generator's Phone <u>503-454-2643</u>					B. State Generator's ID						
5 Transporter 1 Company Name <u>Chemical Waste Management</u>					6 US EPA ID Number						
Transporter 2 Company Name					C. State Transporter's ID						
					D. Transporter's Phone <u>503-454-2643</u>						
					E. State Transporter's ID						
					F. Transporter's Phone						
9 Designated Facility Name and Site Address <u>Chemical Waste Management Of The Northwest 17629 Cedar Springs Lane Arlington, Oregon 97812-9709</u>					10 US EPA ID Number						
					G. State Facility's ID						
					H. Facility's Phone <u>503-454-2643</u>						
11 US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12 Containers		13 Total Quantity		14 Unit	EPA H- Waste No.
a <u>Non-hazardous waste</u>						No. <u>100</u>		Type <u>DT</u>		<u>IP</u>	<u>X004</u>
b											
c											
d											
15 Special Handling Instructions and Additional Information a <u>Waste Profile Sheet Number(s)</u> b <u>BF 1507</u> c d											
16 GENERATOR'S CERTIFICATION. I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Printed/Typed Name <u>Walter Strunk</u> Signature _____ Month Day Year <u>11 15 1993</u>											
17 Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <u>DAVID THOMPSON</u> Signature _____ Month Day Year <u>11 15 1993</u>											
18 Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name _____ Signature _____ Month Day Year _____											
19 Discrepancy Indication Space											
20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19 Printed/Typed Name _____ Signature _____ Month Day Year _____											

\*A Form 8700-22 (Rev. 9/88) Previous editions are obsolete

**CHEMICAL WASTE MANAGEMENT  
OF THE NORTHWEST**

NATIONAL RESPONSE CENTER  
OREGON ACCIDENT RESPONSE CENTER

1-800-424-8802  
1-800-452-0311

Form Approved OMB No. 20-0039 Expires 9/30/97

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b> 1 Generator's US EPA ID No. <b>WA147-01400018113/113</b> Manifest Document No. <b>113/113</b>		2 Page 1 of 1 information in the shaded areas is not required by Federal law	
Generator's Name and Mailing Address <b>Chemical Waste Management Of The Northwest</b> 17629 Cedar Springs Lane Arlington, Oregon 97812-9709		A. State Manifest Document Number B. State Generator's ID	
Generator's Phone ( ) <b>503-454-2643</b>		C. State Transporter's ID	
5 Transporter 1 Company Name <b>Field Operations</b> 6 US EPA ID Number <b>IL100992000001</b>		D. Transporter's Phone <b>503-454-2643</b>	
Transporter 2 Company Name		E. State Transporter's ID	
9 Designated Facility Name and Site Address <b>Chemical Waste Management Of The Northwest</b> 17629 Cedar Springs Lane Arlington, Oregon 97812-9709		F. Transporter's Phone	
10 US EPA ID Number <b>OR10089452353</b>		G. State Facility's ID	
1 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12 Containers No. Type 13 Total Quantity 14 Unit	
a. <b>Un-labeled metal 49 CFR</b>		33 040 <b>MS</b>	
EPA Waste No. <b>X001</b>		EPA Waste No.	
15 Special Handling Instructions and Additional Information <b>Waste Profile Sheet Number(s)</b>		WPS Handling Code	
a. <b>03 BF 1504</b>		Cur. Yd.	
c. <b>Emergency No. 504-735-605</b>		Area	
16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.		17 Transporter 1 Acknowledgement of Receipt of Materials	
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.		Printed/Typed Name <b>Wanda Stronka For BNER</b> Signature <b>Wanda Stronka</b> Month Day Year <b>03/19/93</b>	
17 Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name Signature Month Day Year	
18 Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name Signature Month Day Year	
19 Discrepancy Indication Space		20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19	
Printed/Typed Name Signature Month Day Year		Printed/Typed Name Signature Month Day Year	

**CHEMICAL WASTE MANAGEMENT OF THE NORTHWEST**

NATIONAL RESPONSE CENTER  
OREGON ACCIDENT RESPONSE CENTER

1-800-424-RE02  
1-800-452-0311

Form designed for use on elite-12 pitch typewriter

Form Approved OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No <i>OR089452353</i>	Manifest Document No <i>1001A1251210P</i>	2. Page 1 of 1	Information in the shaded areas is not required by Federal law
Generator's Name and Mailing Address <i>Chemical Waste Management Of The Northwest</i>		A. State Manifest Document Number		B. State Generator's ID	
Generator's Phone <i>503-454-2643</i>		C. State Transporter's ID		D. Transporter's Phone <i>503-454-2643</i>	
3. Transporter 1 Company Name <i>Waste Management</i>		4. US EPA ID Number <i>OR089452353</i>		E. State Transporter's ID	
5. Transporter 2 Company Name		6. US EPA ID Number		F. Transporter's Phone	
9. Designated Facility Name and Site Address <b>Chemical Waste Management Of The Northwest</b> 17629 Cedar Springs Lane Arlington, Oregon 97812-9709		10. US EPA ID Number <i>OR089452353</i>		G. State Facility's ID	
1. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type		13. Total Quantity	
a. <i>60-gal drums 49 25h</i>		<i>001A1251210P</i>		EPA Waste No. <i>X004</i>	
15. Special Handling Instructions and Additional Information a. <i>WBF 1509</i>		Waste Profile Sheet Number(s)			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.		Signature <i>Michael Thompson</i>			
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>David Thompson</i>			
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature			
19. Discrepancy Indication Space		Signature			
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19		Signature			

**CHEMICAL WASTE MANAGEMENT  
OF THE NORTHWEST**

**NATIONAL RESPONSE CENTER  
OREGON ACCIDENT RESPONSE CENTER**

1-800-424-8802  
1-800-452-0311

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

Generator's Name and Mailing Address

Generator's Phone

1 Generator's US EPA ID No

Manifest Document No

2 Page 1 of 1

Information in the shaded areas is not required by Federal law

A. State Manifest Document Number

B. State Generator's ID

C. State Transporter's ID

D. Transporter's Phone

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

5 Transporter 1 Company Name

6 US EPA ID Number

Transporter 2 Company Name

8 US EPA ID Number

9 Designated Facility Name and Site Address

10 US EPA ID Number

**Chemical Waste Management  
Of The Northwest  
17629 Cedar Springs Lane  
Arlington, Oregon 97812-9709**

OR 08 9452353

503-454-2843

1 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12 Containers

13 Total Quantity

14 Unit Wt/Vol

EPA/I-Waste No.

a. Nitro-Rubber 1 lb 99 35%

0101 DT 2 1 1 1 1

X001

15 Special Handling Instructions and Additional Information Waste Profile Sheet Number(s)

a. 01 351309  
b.  
c.  
d.

Emergency No. 206-455-0125

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

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

Month Day Year

Marka Stachura For BNRK

*Marka Stachura*

03/19/95

17 Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

James M. ...

*James M. ...*

03/19/95

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name

Signature

Month Day Year



**CHEMICAL WASTE MANAGEMENT  
THE NORTHWEST**

**NATIONAL RESPONSE CENTER  
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1-800-424-8802  
1-800-424-0311

Form designed for use on 12 pitch typewriter

Form Approved OMB No. 4300-0038

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA ID No	Manifest Document No	2 Page 1 of 1	Information in the shaded areas is not required by Federal law	
3 Generator's Name and Mailing Address <i>Chemical Waste Management Of The Northwest</i>		4 Generator's US EPA ID No <i>OR089452353</i>		A. State Manifest Document Number		
5 Generator's Phone 1 <i>503-454-2643</i>		6 US EPA ID Number		B. State Generator's ID		
7 Transporter 1 Company Name <i>ALTA</i>		8 US EPA ID Number <i>9995126121</i>		C. State Transporter's ID		
9 Designated Facility Name and Site Address <b>Chemical Waste Management Of The Northwest 17629 Cedar Springs Lane Arlington, Oregon 97812-9709</b>		10 US EPA ID Number		D. Transporter's Phone <i>503-454-2643</i>		
				E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone <i>503-454-2643</i>		
11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12 Containers	13 Total Quantity	14 Unit Wt/Vol	EPA / I Waste No.
a. <i>Acetic Acid</i>			No. <i>1001</i>	Type <i>DRUM</i>		<i>X004</i>
b. <i>building demolition debris</i>						
15 Special Handling Instructions and Additional Information a. <i>DF 15.1</i>			Waste Profile Sheet Number(s)			
16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.						
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name <i>Alta</i>		Signature <i>[Signature]</i>		Month Day Year <i>05/19/93</i>		
17 Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <i>DAVID THOMPSON</i>		Signature <i>[Signature]</i>		Month Day Year <i>05/19/93</i>		
18 Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
19 Discrepancy Indication Space						
20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19						
Printed/Typed Name		Signature		Month Day Year		

**CHEMICAL WASTE MANAGEMENT OF THE NORTHWEST**

NATIONAL RESPONSE CENTER  
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1-800-452-0311

**UNIFORM HAZARDOUS WASTE MANIFEST**

1 Generator's US EPA ID No: OR089452353 Manifest Document No: 149-11435 2 Page 1 of 1 Information in the shaded areas is not required by Federal law.

Generator's Name and Mailing Address: Chemical Waste Management Of The Northwest  
 17629 Cedar Springs Lane  
 Arlington, Oregon 97812-9709  
 Generator's Phone: 503-451-2643

Transporter 1 Company Name: Waste Management US EPA ID Number: OR089452353 A. State Manifest Document Number: \_\_\_\_\_  
 B. State Generator's ID: \_\_\_\_\_  
 C. State Transporter's ID: \_\_\_\_\_  
 D. Transporter's Phone: 503-451-2643  
 E. State Transporter's ID: \_\_\_\_\_  
 F. Transporter's Phone: \_\_\_\_\_  
 G. State Facility's ID: \_\_\_\_\_  
 H. Facility's Phone: 503-451-2643

US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total	14. Unit	EPA Waste No.
	No.	Type	Quantity	Wt./Vol.	
<u>Non-Regulated Residue CFR</u>	<u>0101</u>	<u>DT</u>	<u>1001</u>	<u>P</u>	<u>X001</u>

Special Handling Instructions and Additional Information: Waste Profile Sheet Number(s)

a. 9) EF1509

b. \_\_\_\_\_

c. \_\_\_\_\_

d. Emergency No. 206-725-1005

**16. GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Marla Stroming For BNEE Signature: \_\_\_\_\_ Month Day Year: 10/5/1998

17 Transporter 1 Acknowledgement of Receipt of Materials  
 Printed/Typed Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Month Day Year: 10/14/1998

18 Transporter 2 Acknowledgement of Receipt of Materials  
 Printed/Typed Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Month Day Year: \_\_\_\_\_

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19  
 Printed/Typed Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Month Day Year: \_\_\_\_\_





1 UNIFORM HAZARDOUS WASTE MANIFEST OF THE NORTHWEST

NATIONAL RESPONSE CENTER OREGON ACCIDENT RESPONSE CENTER

1-800-424-8802 1-800-452-0311

Form designed for use on either 12 pitch typewriter or dot matrix printer

Form Approved OMB No. 2030-0032

**UNIFORM HAZARDOUS WASTE MANIFEST**

1 Generator's US EPA ID No: WA 019091931  
 Manifest Document No: 0019-19319

2 Page 1 of 1

3 Generator's Name and Mailing Address: CHEMICAL WASTE MANAGEMENT OF THE NORTHWEST, 17629 CEDAR SPRINGS LANE, ARLINGTON, OREGON 97812-9709

4 Generator's Phone: 503-454-2843

5 Transporter 1 Company Name: JACK GUY TRANSPORT INC  
 6 US EPA ID Number: IN 0011045315715  
 7 Transporter 2 Company Name: [Blank]  
 8 US EPA ID Number: [Blank]

9 Designated Facility Name and Site Address: CHEMICAL WASTE MANAGEMENT OF THE NORTHWEST, 17629 CEDAR SPRINGS LANE, ARLINGTON, OREGON 97812-9709  
 10 US EPA ID Number: 0 R D 0 8 9 4 5 2 3 5 3

A. State Manifest Document Number: [Blank]  
 B. State Generator's ID: [Blank]  
 C. State Transporter's ID: [Blank]  
 D. Transporter's Phone: 503-454-2843  
 E. State Transporter's ID: [Blank]  
 F. Transporter's Phone: [Blank]  
 G. State Facility's ID: [Blank]  
 H. Facility's Phone: 503-454-2843

a. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12 Containers		13 Total Quantity	14 Unit Wt/Vol	EPA / I Waste No.
	No.	Type			
Non-Hazardous 49 CFR	0101	DRUM	1	P	X004

Waste Profile Sheet Number(s)	Area	Volume	Weight	Quantity	Units	Label
0019-19319						

15 Special Handling Instructions and Additional Information: a. 0019-19319  
 b.   
 c.   
 d. Waste Profile Sheet Number(s): 0019-19319

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

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Mike Strainker For ENR  
 Signature: [Signature]  
 Month Day Year: 10/27/93

17 Transporter 1 Acknowledgement of Receipt of Materials  
 Printed/Typed Name: [Blank]  
 Signature: [Signature]  
 Month Day Year: [Blank]

18 Transporter 2 Acknowledgement of Receipt of Materials  
 Printed/Typed Name: [Blank]  
 Signature: [Signature]  
 Month Day Year: [Blank]

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19  
 Printed/Typed Name: [Blank]  
 Signature: [Signature]  
 Month Day Year: [Blank]

\*A Form 8700-22 (Rev. 9/88) Previous editions are obsolete

GENERATORS COPY

**EMICAL WASTE MANAGEMENT  
OF THE NORTHWEST**

NATIONAL RESPONSE CENTER  
OREGON ACCIDENT RESPONSE CENTER

1-800-424-8802  
1-800-452-0311

Form designed for use on wide 12 pitch typewriter

Form Approved OMB No. 2050-0039 Expires 9/30/94

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA ID No	2 Page 1 of 1	3 Manifest Document No	Information in the shaded areas is not required by Federal law	
3 Generator's Name and Mailing Address <i>EMICAL WASTE MANAGEMENT OF THE NORTHWEST 17629 CEDAR SPRINGS LANE ARLINGTON, OREGON 97812-9709</i>		WA 089452353		175717	A. State Manifest Document Number	
4 Generator's Phone ( )					B. State Generator's ID	
5 Transporter 1 Company Name <i>EMICAL WASTE MANAGEMENT, INC</i>		6 US EPA ID Number			C. State Transporter's ID	
7 Transporter 2 Company Name		8 US EPA ID Number			D. Transporter's Phone <i>503-454-2643</i>	
9 Designated Facility Name and Site Address <b>Chemical Waste Management Of The Northwest</b> 17629 Cedar Springs Lane Arlington, Oregon 97812-9709		10 US EPA ID Number			E. State Transporter's ID	
					F. Transporter's Phone	
					G. State Facility's ID	
					H. Facility's Phone <i>503-454-2643</i>	
11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12 Containers		13 Total Quantity	14 Unit Wt/Vol	EPA/L Waste No.
a. <i>Non-hazardous PCB 91 CFR</i>		No.	Type			
b.						
c.						
d.						
15 Additional Descriptions for Materials Listed in 11		Waste Profile Sheet Number(s)		Handling Code		
a. <i>Building demolition (91-409)</i>						
b.						
c.						
d.						
16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.						
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name <i>Mark Stumbe for ENRR</i>		Signature <i>Mark Stumbe</i>		Month Day Year <i>05 05 93</i>		
17 Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name <i>Ken Johnson JR</i>		Signature <i>Ken Johnson JR</i>		Month Day Year <i>05 05 93</i>		
18 Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
19 Discrepancy Indication Space						
20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19						
Printed/Typed Name		Signature		Month Day Year		

\*A Form 8700-22 (Rev. 9/88) Previous editions are obsolete.

**GENERATORS COPY**

**CHEMICAL WASTE MANAGEMENT  
OF THE NORTHWEST**

**NATIONAL RESPONSE CENTER  
OREGON ACCIDENT RESPONSE CENTER**

1-800-424-RR02  
1-800-452-0311

Form designed for use on extra 12 pitch typewriter

Form Approved OMB No. 2050-0039 Expires 3/31/97

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No	Manifest Document No	2 Page 1 of 1	Information in the shaded areas is not required by Federal law	
3 Generator's Name and Mailing Address		Generator's US EPA ID No		A. State Manifest Document Number		
Generator's Phone ( )		Manifest Document No		B. State Generator's ID		
5 Transporter 1 Company Name		6 US EPA ID Number	C. State Transporter's ID		D. Transporter's Phone	
Transporter 2 Company Name		8 US EPA ID Number	E. State Transporter's ID		F. Transporter's Phone	
9 Designated Facility Name and Site Address		10 US EPA ID Number	G. State Facility's ID		H. Facility's Phone	
Chemical Waste Management Of The Northwest 17629 Cedar Springs Lane Arlington, Oregon 97812-9709		OR   D   0   8   9   4   5   2   3   5   3	503-454-2643			
11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12 Containers No	13 Total Quantity	14 Unit (Wt/Vol)	EPA/1 Waste No.	
a. <i>Asbestos</i>			35640	WT	X004	
b.						
Additional Descriptions for Materials Listed Above		WPS		Handling Code		
Asbestos Demolition Debris						
15 Special handling instructions and Additional Information		Waste Profile Sheet Number(s)				
a.		EPA ID No. 97812-9709				
b.						
c.						
d.						
16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.						
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name		Signature		Month Day Year		
MARLA STEINER		[Signature]		04/22/93		
17 Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
[Name]		[Signature]		04/22/93		
18 Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
[Name]		[Signature]		[Date]		
19 Discrepancy Indication Space						
20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19						
Printed/Typed Name		Signature		Month Day Year		
[Name]		[Signature]		[Date]		

**CHEMICAL WASTE MANAGEMENT OF THE NORTHWEST**

NATIONAL RESPONSE CENTER  
OREGON ACCIDENT RESPONSE CENTER

1-800-424-8802  
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Form designed for use on elite-12 pitch typewriter

Form Approved OMB No. 2050-0039 Expires 3-30-91

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1 Generator's US EPA ID No. WA1D95097011	Manifest Document No. 12191211	2 Page 1 of 1	Information in the shaded areas is not required by Federal law			
3 Generator's Name and Mailing Address Chemical Waste Management Of The Northwest 17629 Cedar Springs Lane Arlington, Oregon 97812-9709				A. State Manifest Document Number				
Generator's Phone ( )				B. State Generator's ID				
5 Transporter 1 Company Name		6 US EPA ID Number		C. State Transporter's ID				
Transporter 2 Company Name		8 US EPA ID Number		D. Transporter's Phone				
9 Designated Facility Name and Site Address Chemical Waste Management Of The Northwest 17629 Cedar Springs Lane Arlington, Oregon 97812-9709				E. State Transporter's ID				
				F. Transporter's Phone				
				G. State Facility's ID				
10 US EPA ID Number ORID089452353				H. Facility's Phone 503-454-2643				
1 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					12 Containers No.	13 Total Quantity	14 Unit Wt/Vol	EPA / Waste No.
a. New Report 1 on 19 CFR					2001	DTI 5781901P		X004
b.								
c.								
d.								
15 Special Handling Instructions and Additional Information a. Waste Profile Sheet Number(s) 15 (95-1001)					b. WPS			
16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					Printed/Typed Name Whitcomb Signature Whitcomb Month Day Year 11/25/93			
17 Transporter 1 Acknowledgement of Receipt of Materials					Printed/Typed Name Dave Brown Signature Dave Brown Month Day Year 11/25/93			
18 Transporter 2 Acknowledgement of Receipt of Materials					Printed/Typed Name Signature Month Day Year			
19 Discrepancy Indication Space								
20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19					Printed/Typed Name Signature Month Day Year			



**UNIFORM HAZARDOUS WASTE MANIFEST**

NATIONAL RESPONSE CENTER  
OREGON ACCIDENT RESPONSE CENTER

1-800-452-2902  
1-800-452-0311

Form designed for use on elite (12 pitch) typewriter

Form Approved OMB No. 20-0039 Expires 12/31/97

1. Generator's US EPA ID No Manifest Document No 2. Page 1 of 1		Information in the shaded areas is not required by Federal law	
3. Generator's Name and Mailing Address 4. Generator's Phone		A. State Manifest Document Number B. State Generator's ID	
5. Transporter 1 Company Name 6. US EPA ID Number		C. State Transporter's ID D. Transporter's Phone	
7. Transporter 2 Company Name 8. US EPA ID Number		E. State Transporter's ID F. Transporter's Phone	
9. Designated Facility Name and Site Address <b>Chemical Waste Management Of The Northwest</b> 17629 Cedar Springs Lane Arlington, Oregon 97812-9709		10. US EPA ID Number G. State Facility's ID H. Facility's Phone	
US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity 14. Unit Wt/Vol EPA/ I Waste No.
a. <i>Non-hazardous liquid waste</i>		006 D15/15/AD/P	X004
b.			
c.			
d.			
15. Special Handling Instructions and Additional Information Waste Profile Sheet Number(s)		WPS Handling Code Cu. Yd.	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.			
Printed/Typed Name Signature Month Day Year		Printed/Typed Name Signature Month Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day Year		Printed/Typed Name Signature Month Day Year	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day Year		Printed/Typed Name Signature Month Day Year	
19. Discrepancy Indication Space			
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19 Printed/Typed Name Signature Month Day Year		Printed/Typed Name Signature Month Day Year	

**CHEMICAL WASTE MANAGEMENT  
OF THE NORTHWEST**

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1-800-424-8802  
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Form designed for use on a 12 pitch typewriter

Form Approved OMB No. 2550-0039 Expires 9/30/91

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1 Generator's US EPA ID No. WA10177	Manifest Document No. 11414	2 Page 1 of 1	Information in the shaded areas is not required by Federal law		
3 Generator's Name and Mailing Address Chemical Waste Management Of The Northwest 17629 Cedar Springs Lane Arlington, Oregon 97812-9709		6 US EPA ID Number		A. State Manifest Document Number		B. State Generator's ID	
4 Generator's Phone ( )		7 US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone 503-454-5613	
5 Transporter 1 Company Name		8 US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9 Designated Facility Name and Site Address Chemical Waste Management Of The Northwest 17629 Cedar Springs Lane Arlington, Oregon 97812-9709		10 US EPA ID Number		G. State Facility's ID		H. Facility's Phone 503-454-2643	
11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12 Containers No. Type		13 Total Quantity		14 Unit Wt/Vol	
a. Waste in 2 55 gal drums		1001 2719110 P		X001			
b.							
15 Special Handling Instructions and Additional Information a. b51201 c. d.		Waste Profile Sheet Number(s)					
16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name Mark St...		Signature Mark St...		Month Day Year 11/1/93			
17 Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year			
18 Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year			
19 Discrepancy Indication Space							
20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19 Printed/Typed Name		Signature		Month Day Year			

**CHEMICAL WASTE MANAGEMENT  
OF THE NORTHWEST**

NATIONAL RESPONSE CENTER  
OREGON ACCIDENT RESPONSE CENTER

1-800-424-8802  
1-800-452-0311

Form designed for use on elite (12 pitch) typewriter

Form Approved OMB No. 2050-0039 Expires 9-30-91

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		Generator's US EPA ID No WA 174309993	Manifest Document No 19-1971	2 Page 1 of 1	Information in the shaded areas is not required by Federal law			
3 Generator's Name and Mailing Address Chemical Waste Management Of The Northwest 17629 Cedar Springs Lane Arlington, Oregon 97812-9709				A. State Manifest Document Number				
4 Generator's Phone				B. State Generator's ID				
5 Transporter 1 Company Name		6 US EPA ID Number		C. State Transporter's ID				
7 Transporter 2 Company Name		8 US EPA ID Number		D. Transporter's Phone 503-454-2643				
9 Designated Facility Name and Site Address Chemical Waste Management Of The Northwest 17629 Cedar Springs Lane Arlington, Oregon 97812-9709				10 US EPA ID Number				
				G. State Facility's ID				
				H. Facility's Phone 503-454-2643				
1 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					12 Containers No	13 Total Quantity	14 Unit Wt/Vol	EPA Waste No.
a								X004
b								
c								
d								
Additional Descriptions for Materials Listed Above					Wps		Handling Code	
b					Cur/Yr			
15 Special Handling Instructions and Additional Information					Waste Profile Sheet Number(s)			
a								
b								
c								
d								
16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.								
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.								
Printed/Typed Name				Signature		Month Day Year		
17 Transporter 1 Acknowledgement of Receipt of Materials				Signature		Month Day Year		
Printed/Typed Name				Signature		Month Day Year		
18 Transporter 2 Acknowledgement of Receipt of Materials				Signature		Month Day Year		
Printed/Typed Name				Signature		Month Day Year		
19 Discrepancy Indication Space								
20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19								
Printed/Typed Name				Signature		Month Day Year		

\*A Form 8700-22 (Rev. 9/88) Previous editions are obsolete

GENERATORS COPY

**CHEMICAL WASTE MANAGEMENT  
THE NORTHWEST**

**NATIONAL RESPONSE CENTER  
OREGON ACCIDENT RESPONSE CENTER**

1-800-424-8802  
1-800-452-0311

Form Approved OMB No. 2050-0039 Expires 12-31-97

1 Generator's US EPA ID No. Manifest Document No. 2 Page 1 of 1  
 Information in the shaded areas is not required by Federal law.

**UNIFORM HAZARDOUS WASTE MANIFEST**

3 Generator's Name and Mailing Address  
 4 Generator's Phone ( )

5 Transporter 1 Company Name 6 US EPA ID Number  
 7 Transporter 2 Company Name 8 US EPA ID Number

9 Designated Facility Name and Site Address  
**Chemical Waste Management Of The Northwest**  
 17629 Cedar Springs Lane  
 Arlington, Oregon 97812-9709 10 US EPA ID Number

11 Facility's Phone  
**503-454-2643**

12 Containers No. Type 13 Total Quantity 14 Unit Wt/Vol EPA/I Waste No.

12 Containers No.	Type	13 Total Quantity	14 Unit Wt/Vol	EPA/I Waste No.
4	P			X004

15 Special Handling Instructions and Additional Information  
 a. Waste Profile Sheet Number(s)  
 b.  
 c.  
 d.

16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  
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17 Transporter 1 Acknowledgement of Receipt of Materials  
 Printed/Typed Name: *THOMSON* Signature: *THOMSON* Month Day Year: *09/10/98*

18 Transporter 2 Acknowledgement of Receipt of Materials  
 Printed/Typed Name: *THOMSON* Signature: *THOMSON* Month Day Year: *9/30/98*

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19  
 Printed/Typed Name: Signature: Month Day Year:

**GENERATORS COPY**



**CHEMICAL WASTE MANAGEMENT OF THE NORTHWEST**

NATIONAL RESPONSE CENTER  
OREGON ACCIDENT RESPONSE CENTER

1-800-424-8802  
1-800-452-0311

Form designed for use on elite (12 pitch) typewriter

Form Approved OMB No. 2050-0039 Expires 12/31/93

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. WA 4981091000-1091	Manifest Document No. 10193	2. Page 1 of 1	Information in the shaded areas is not required by Federal law	
3. Generator's Name and Mailing Address NORTHWEST MANIFEST 715... 4457		BULLDOG NORTHWEST P.O. BOX 27136 1401 LINDEN ST. SEASIDE WAY SEASIDE, OREGON 97138		A. State Manifest Document Number		
4. Generator's Phone		6. US EPA ID Number		B. State Generator's ID		
5. Transporter 1 Company Name		8. US EPA ID Number		C. State Transporter's ID		
7. Transporter 2 Company Name		10. US EPA ID Number		D. Transporter's Phone		
9. Designated Facility Name and Site Address Chemical Waste Management Of The Northwest 17629 Cedar Springs Lane Arlington, Oregon 97812-9709		OR D 0 8 9 4 5 2 3 5 3		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone 503-454-2643		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers	13. Total Quantity	14. Unit Wt/Vol
a. Non-hazardous liquid				No.	Type	EPA / I Waste No.
b.						
c.						
d.						
Additional Descriptions for Materials (1509)				Handling Codes		
15. Special Handling Instructions and Additional Information a. Waste Profile Sheet Number(s) b. 1509 c. d.				WPS Cu. Yd. Lbs.		
16. GENERATOR'S CERTIFICATION. I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name MARLA STEPHENSON for NKP		Signature		Month Day Year 09/15/93		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Luis M. ...		Signature		Month Day Year		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19 Printed/Typed Name						
Signature		Month Day Year				

GENERATORS COPY

CHEMICAL WASTE MANAGEMENT  
OF THE NORTHWEST

NATIONAL RESPONSE CENTER  
OREGON ACCIDENT RESPONSE CENTER

1-800-424-8802  
1-800-452-0311

Form Approved OMB No. 2050-0039 Expires 4-30-91

Form Approved OMB No. 2050-0039 Expires 4-30-91

UNIFORM HAZARDOUS  
WASTE MANIFEST

Generator's US EPA ID No

Manifest Document No

2. Page 1 of

Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address P.O. Box 1111 7411 Vancouver, WA 98661		A. State Manifest Document Number	
4. Generator's Phone ( )		B. State Generator's ID	
5. Transporter 1 Company Name		C. State Transporter's ID	
6. US EPA ID Number		D. Transporter's Phone ( )	
7. Transporter 2 Company Name		E. State Transporter's ID	
8. US EPA ID Number		F. Transporter's Phone ( )	
9. Designated Facility Name and Site Address Chemical Waste Management Of The Northwest 17629 Cedar Springs Lane Arlington, Oregon 97812-9709		G. State Facility's ID	
10. US EPA ID Number		H. Facility's Phone ( )	

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total	14. Unit	EPA/RCRA Waste No.
	No.	Type	Quantity	Wt/Vol	
a. <i>...</i>					X104
b.					
c.					

14. Additional Descriptions for Materials Listed Above	WPS	Handling Code							
		Area	CS	PO	DR	PR			
a. <i>...</i>									
b.									
c.									
d.									

15. Special Handling Instructions and Additional Information Waste Profile Sheet Number(s)

a. *...*

b.

c.

d. *...*

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

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17. Transporter 1 Acknowledgement of Receipt of Materials		Month Day Year
Printed/Typed Name	Signature	
18. Transporter 2 Acknowledgement of Receipt of Materials		Month Day Year
Printed/Typed Name	Signature	

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19		Month Day Year
Printed/Typed Name	Signature	

**CHEMICAL WASTE MANAGEMENT  
OF THE NORTHWEST**

**NATIONAL RESPONSE CENTER  
OREGON ACCIDENT RESPONSE CENTER**

1-800-424-8802  
1-800-452-0311

**UNIFORM HAZARDOUS  
WASTE MANIFEST**

1 Generator's US EPA ID No

Manifest Document No

2 Page 1

Information in the shaded areas is not required by Federal law

3 Generator's Name and Mailing Address

Attn: McL Bur 1.3  
913-661-4439

WA01G091821091671  
Burlington Northern Railroad  
PO Box 24136  
1401 Funding Creek Parkway  
Overland Park KS 66201-4136

A. State Manifest Document Number

B. State Generator's ID

4 Generator's Phone ( )

5 Transporter 1 Company Name

C. State Transporter's ID

D. Transporter's Phone

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone

9 Designated Facility Name and Site Address

Chemical Waste Management  
Of The Northwest  
17629 Cedar Springs Lane  
Arlington, Oregon 97812-9709

10 US EPA ID Number

0 | R | D | 0 | 8 | 9 | 4 | 5 | 2 | 3 | 5 | 3

503-454-2643

11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12 Containers

13 Total Quantity

14 Unit

EPA / I Waste No.

a. Non Regulated per 49 CFR

001DT 1270T X004

12 Additional Descriptions for Materials Listed Above

b. Burlington Demolition Debris 13-4994

WPS

Handling Code

15 Special Handling Instructions and Additional Information Waste Profile Sheet Number(s)

a. BF 1501

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

Emergency Number: 739-6625

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

Month Day Year

John Binney

[Signature]

01/12/13

17 Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19

Printed/Typed Name

Signature

Month Day Year

**THE NORTHWEST**

NATIONAL RESPONSE CENTER  
OREGON ACCIDENT RESPONSE CENTER

1-800-424-0002  
1-800-452-0011

**UNIFORM HAZARDOUS WASTE MANIFEST**

1 Generator's US EPA ID No <b>WA109210916210016143941X</b>		2 Page 1 of 1	Manifest Document No <b>3941X</b>	Information in the shaded areas is not required by Federal law.
Generator's Name and Mailing Address <b>Attn: Mel Burka 413-661-4431</b>		A. State Manifest Document Number		
Generator's Phone ( )		B. State Generator's ID		
Transporter 1 Company Name <b>JACK GRAY TRANSPORT INTERNATIONAL</b>		C. State Transporter's ID		
Transporter 1 US EPA ID Number <b>OR10116431T</b>		D. Transporter's Phone <b>206-874-9893</b>		
Transporter 2 Company Name		E. State Transporter's ID		
Transporter 2 US EPA ID Number		F. Transporter's Phone		
9 Designated Facility Name and Site Address <b>Chemical Waste Management Of The Northwest 17629 Cedar Springs Lane Arlington, Oregon 97812-9709</b>		G. State Facility's ID		
10 US EPA ID Number <b>OR10116431T</b>		H. Facility's Phone <b>503-454-2643</b>		

1 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12 Containers No.	13 Total Quantity	14 Unit Wt/Vol	EPA / Waste No.
<b>Non-Hazardous Per 47 CFR</b>				
	<b>0011</b>	<b>0116431T</b>	<b>X004</b>	

Additional Descriptions for Materials (Use Above)		Handling Codes	
<b>Building Demolition 413-661-4431</b>			
Area	D	O	PR

5 Special Handling Instructions and Additional Information Waste Profile Sheet Number(s)

a. **BF 1509**

b. **BF 1509**

c.

d. **Emergency Number 206-735-6625**

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

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Printed/Typed Name: **John Binder for BARR** Signature: *[Signature]* Month Day Year: **10/4/23/19/3**

17 Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: **Doug Brown** Signature: *[Signature]* Month Day Year: **10/4/23/19/3**

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Signature: Month Day Year:

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19

Printed/Typed Name: Signature: Month Day Year:

PA Form 8700-22 (Rev. 9/88) Previous editions are obsolete.

**GENERATORS COPY**

BURLINGTON ENVIRONMENTAL INC./ RESOURCE RECOVERY CORP.

2203 Airport Way So. Suite 400 • Seattle, WA 98134  
 Burlington (206) 223-0500 Resource Recovery (206) 223-0900  
 WAD061672812

38510

Form Approved OMB No. 2050-0039 Reauthorized through 9-30-92

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. Manifest Document No. 2. Page 1 of 1 Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address  
 4. Generator's Phone ( )  
 5. Transporter 1 Company Name

A. State Manifest Document Number

B. State Generator's ID

6. US EPA ID Number  
 7. Transporter 2 Company Name

C. State Transporter's ID  
 D. Transporter's Phone (to 1-800-424-6342)

E. State Transporter's ID  
 F. Transporter's Phone

9. Designated Facility Name and Site Address  
 Burlington Environmental, Inc.  
 734 So. Lucile St. Seattle, WA (206) 762-3362  
 1701 Alexander Tacoma, WA (206) 838-4774  
 20245 76th Ave. South Kent, WA (206) 872-8030  
 Other:  
 10. US EPA ID Number  
 WAD 000812909  
 WAD 020257945  
 WAD 991281767

G. State Facility's ID  
 H. Facility's Phone (206) 272-7000

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. 1			
b.			
c.			

J. Additional Descriptions for Materials Listed Above  
 K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR EMERGENCY TELEPHONE ( )  CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway, rail or water according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [Signature] Signature: [Signature] Month: [ ] Day: [ ] Year: [ ]

17. Transporter 1 Acknowledgement of Receipt of Materials  
 Printed/Typed Name: [Signature] Signature: [Signature] Month: [ ] Day: [ ] Year: [ ]

18. Transporter 2 Acknowledgement of Receipt of Materials  
 Printed/Typed Name: [Signature] Signature: [Signature] Month: [ ] Day: [ ] Year: [ ]

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: [Signature] Signature: [Signature] Month: [ ] Day: [ ] Year: [ ]

BURLINGTON ENVIRONMENTAL INC./ RESOURCE RECOVERY CORP.

2203 Airport Way S. • Seattle, WA 98134  
 Burlington (206) 223-0500 Resource Recovery (206) 223-0900  
 WAD061672812

00201

Form Approved OMB No. 2050-0039 Reauthorized through 9-30-92

Print or type  
 (Designed for use on elite (12 pitch) typewriter.)

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. WAD 000812909	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.		
3. Generator's Name and Mailing Address Burlington Environmental, Inc. 734 So. Lucile St. Seattle, WA (206) 762-3362 1701 Alexander Tacoma, WA (206) 838-4774 20245 76th Ave. South Kent, WA (206) 872-8030 Other:				A. State Manifest Document Number			
4. Generator's Phone ( )				B. State Generator's ID			
5. Transporter 1 Company Name		6. US EPA ID Number		C. State Transporter's ID			
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone			
9. Designated Facility Name and Site Address		10. US EPA ID Number		E. State Transporter's ID			
Burlington Environmental, Inc. 734 So. Lucile St. Seattle, WA (206) 762-3362 1701 Alexander Tacoma, WA (206) 838-4774 20245 76th Ave. South Kent, WA (206) 872-8030 Other:		WAD 000812909 WAD 070257945 WAD 991281762		F. Transporter's Phone			
				G. State Facility's ID			
				H. Facility's Phone			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
a.							
b.							
c.							
J. Additional Descriptions for Materials Listed Above				K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information							
GENERATOR EMERGENCY TELEPHONE				CERTIFICATE OF DESTRUCTION/ DISPOSAL REQUIRED			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway, rail or water according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/ Typed Name				Signature		Month Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature		Month Day Year	
Printed/ Typed Name				Signature		Month Day Year	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Month Day Year	
Printed/ Typed Name				Signature		Month Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator: Certification or receipt of hazardous materials covered by this manifest except as noted in Item 19.							
Printed/ Typed Name				Signature		Month Day Year	



OLYMPUS ENVIRONMENTAL INC.

Printed: 17 FEB 1993

Expires: 28 FEB 1994

GENERATOR'S WASTE MATERIAL PROFILE SHEET

PROFILE # : 59899-00

STATUS : PENDING

SALES REPS : HIBBERT, ANN  
Wade, Richard

GENERATOR SITE INFORMATION

BURLINGTON NORTHERN RAILROAD  
1 EAST KING STREET  
CLIMA WA 98901-0000

Customer # 1613  
Generator 6071  
EPA# WAD-980-982-086  
Site Phone (913) 661-4439  
Site Contact MEL BRUDA

B. MAIL INVOICES TO:

OLYMPUS ENVIRONMENTAL - AUBURN  
MARLA STRECHCHA  
P O BOX 1064

KENT WA 98035-1064

WASTE INFORMATION

Waste Name: PCB CAPACITORS

Process : BUILDING DEMOLITION

MSDS N  
Analysis N  
Sample N

PHYSICAL CHARACTERISTICS OF WASTE

for Varies  
States SOLID

Layers SINGLE PHASED  
S.Grav 1.3-1.4  
Free Liq% 0

pH Range NA  
Flash Point NONE  
Open/Closed OPEN

COMPOSITION OF WASTE

PCB CAPACITORS <9 LBS. Min% 99.00 Max% 100.00  
TOTAL COMP% 100.00

Info Provided by: GEN

TOTALS

Metal Test GEN

Arsenic <5 Lead <5 Silver <5 Zinc  
Barium <100 Mercury <0.2 Nickel <134 Copper  
Cadmium <1 Selenium <1 Thallium <130 Chrome-6  
Mercury <5 Other Metals PPM

PHYSICAL CHARACTERISTICS OF WASTE

Inert Solid N Shock Sensitive N Oxidizer N Water Reactiv N Reactive N

EPA/STATE WASTE IDENTIFICATION

Dang/Haz Waste N DW/EHW Waste Numbers  
TSCA Waste Y

Waste Description TSCA PCB CAPACITORS - PCB'S >50PPM

SHIPPING INFORMATION

DOT Haz Mtrl Y One Time Only Y

Container Types DM55 METAL DRUM - 55 G

Qty to Ship Now 3  
Annual Volume 3

Shipping Name RQ, POLYCHLORINATED BIPHENYLS

Hazard Class 9  
Additional Desc

RQ (lbs) 1  
DOT ID # UN2315  
Packing Grp #: PGII

SPECIAL HANDLING INFORMATION

OUT OF SERVICE DATE 01/11/93

GENERATOR SIGNATURE

Signature \_\_\_\_\_ Printed Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

INGTON ENVIRONMENTAL INC.

Starts: 16 JUN 1993  
Expires: 30 JUN 1994

GENERATOR'S WASTE MATERIAL PROFILE SHEET

PROFILE # : 59896-00  
STATUS : PENDING  
SALES REPS : Hibbert, Ann  
Wade, Richard

Printed: 18 JUN 1993

GENERATOR SITE INFORMATION

BURLINGTON NORTHERN RAILROAD  
1 EAST KING STREET  
KIMA WA 98901-0000

Customer # 1614  
Generator 6071  
EPA# WAD-980-982-086  
Site Phone (913) 661-4439  
Site Contact MARLA STRECHCHA

B. MAIL INVOICES TO:

OLYMPUS ENVIRONMENTAL INC  
MARLA STRECHCHA  
PO BOX 1064

KENT WA 98035-1064

WASTE INFORMATION

Waste Name: DIESEL FUEL  
Process : UST REMOVAL

MSDS N  
Analysis Y  
Sample Y

PHYSICAL CHARACTERISTICS OF WASTE

Location: Varies State LIQUID  
Layers: SINGLE PHASED  
S.Grav: .8-1.0  
Free Liq%: 100  
pH Range: NA  
Flash Point: 142-199  
Open/Closed: CLOSED

COMPOSITION OF WASTE

DIESEL/OIL  
B-BHC(.59 PPM) Min% 97.00 Max% 100.00  
0.00 0.00  
TOTAL COMPX 100.00  
Info Provided by: LAB

TESTS

Metal Test TOTAL

Arsenic ND Lead ND Silver  
Cadmium ND Mercury Nickel  
Chromium ND Selenium Thallium  
Copper  
Chrome-6  
Other Metals PPM

OTHER CHARACTERISTICS OF WASTE

Inert Solid N Shock Sensitive N Oxidizer N Water Reactivity N Reactive N

USEPA/STATE WASTE IDENTIFICATION

Dang/Haz Waste N DW/EHW: WT Spec Grav 0.82  
TSCA Waste N Org/Inrg 0 Waste Numbers

Waste Description DIESEL FUEL FROM UST - NONREGULATED

SHIPPING INFORMATION

DOT Haz Mtrl Y One Time Only Y

Container Types DM55 METAL DRUM - 55 G

Qty to Ship Now 5  
Annual Volume 5

DOT Shipping Name RQ, DIESEL FUEL

Hazard Class 3  
Additional Desc PETROLEUM PRODUCT FOR ENERGY RECOVERY

RQ (lbs) 1  
DOT ID # NA1993  
Packing Grp #: PGIII

SPECIAL HANDLING INFORMATION

GENERATOR CERTIFICATION:

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste material, and all relevant information regarding known or suspected hazards in the possession of this generator has been disclosed.

Signature

Printed Name

Title

Date



APPENDIX C-5  
Air Sampling Summary

**Prezant Associates, Inc.**  
Environmental Health Sciences and Engineering

April 26, 1993

Dale Voeller  
Air Monitoring Supervisor  
Olympus Environmental  
2002 West Valley Highway  
Auburn, Wa. 98001

Re: Industrial Hygiene Air Sampling Assistance, Woods Industries Site, Yakima, Wa.

Dear Dale:

At the request of Larry McGill assistance was provided in air monitoring to Olympus for the hazardous waste clean-up to be conducted at Woods Industries, #2 East King Street in Yakima. Initial assistance in NIOSH sampling protocols was provided to Larry and you in Auburn on January 11, 1993. Chemicals to be sampled included total dust, arsenic, lead, mercury, asbestos, DDT, Dieldrin, Heptachlor, Toxaphene and 2,4,D.

An on-site visit was made on January 15, 1993 to the site for phase one of the project. At that time a preliminary air monitoring plan was developed for the site. You and Michael Martin of Burlington Environmental, 210 W. Sand Bank Road, Columbia, IL performed the air monitoring on site. Marla Stremcha was the Project Manager. **All of the sampling proved to be less than detection limits. A letter of February 9, 1993 discussed the results of the air monitoring and the fact that the dust had been adequately controlled during Phase 1.**

All of the contaminants listed above are not extremely volatile and do not represent a large vapor potential. As such the direct reading Sentsidine Laser Dust Monitor, Model LD-1 has been used to provide direct reading real-time data for the site.

**The air monitoring results were provided to me in summary form on April 21, 1993. Based on these results as virtually all non detected, I would recommend that you discontinue the laboratory air sampling program and utilize the direct reading exclusively. If readings exceed 1 milligram per cubic meter on the aerosol monitor, then additional dust sampling can be established.**

Blanks were taken with each daily set of samples. Samples were taken on the upwind fenceline as a baseline, and in the staging area, decon area and work area. The following comments apply.

The four lead samples taken on April 2, 1993 were all less than 8.8 micrograms per cubic meter (ug/m<sup>3</sup>), or below the detection limits for the NIOSH sampling method. Only one lead sample was even over the detection limit (DAL-30) with a level of 1.3 ug/m<sup>3</sup> on April 6, 1993. All of these levels are well below the WISHA Permissible Exposure Limit (PEL) of 50 ug/m<sup>3</sup> in Washington Administrative Code (WAC) 296-62-07521 that apply to worker's exposure.

The four samples taken on April 2, 1993 for Heptachlor were all below the detection limit for the NIOSH analytical procedure. All were less than 0.00056 mg/m<sup>3</sup>. The WISHA PEL for Heptachlor is 0.5 mg/m<sup>3</sup> as an 8 hour time weighted average (TWA).

The four arsenic samples on April 2, 1993 were all less than the detection limit by the NIOSH protocol and all less than 0.18 micrograms per cubic meter (ug/m<sup>3</sup>). The WISHA PEL for airborne arsenic is 10 ug/m<sup>3</sup> as an 8 hour TWA as specified in WAC 296-62-07347.

The four Dieldrin samples taken of April 2, 1993 were all less than the detection limit of the NIOSH procedure. All were less than 0.0013 mg/m<sup>3</sup>. The WISHA PEL for Dieldrin is 0.25 mg/m<sup>3</sup> as an 8 hour TWA in WAC 296-62-07515. It also carries a SKIN designation. No skin contact was allowed on the site.

The four samples for DDT (Dichlorodiphenyltrichloroethane) taken on April 2, 1993 were all below the detection limit of the NIOSH method. None exceeded 0.0017 mg/m<sup>3</sup>. The WISHA PEL for DDT as listed in WAC 296-62-07515 is 1.0 mg/m<sup>3</sup>. DDT also has a skin designation to avoid all skin contact with the material. The workers were protected from the hazards by the use of personal protective equipment and clothing.

Four mercury vapor samples were taken on April 6, 7 and 14, 1993. All were less than the detection method as specified by NIOSH. All were less than 0.0034 mg/m<sup>3</sup>. The WISHA PEL for mercury vapor is 0.05 mg/m<sup>3</sup> as a ceiling concentration, not to be exceeded without proper respiratory protection. Thus, levels were far below the ceiling concentration specified in WAC 296-62-07515.

Mercury particulate samples were also taken on April 6, 7, and 14, 1993. All were less than the detection method as specified by NIOSH. All were less than 0.0034 mg/m<sup>3</sup>. The WISHA PEL for mercury particulate is 0.1 mg/m<sup>3</sup> a ceiling concentration not to be exceeded without respiratory protection.. Thus, levels were far below the concentration specified in WAC 296-62-07515.

Total dust levels were taken to correspond to the direct reading aerosol monitor on April 6, 1993. These levels did not exceed 0.10 mg/m<sup>3</sup>. The permissible exposure limit for 8 hours for total dust is 10 mg/m<sup>3</sup>.

Similar results were found on the samples taken on April 6, 7, and 14, 1993. These results showed that the work practice controls were adequate to reduce the airborne concentration of dust, heavy metals and pesticides to levels that were non detectable. Thus, the exposure to the workers and community was essentially zero, or not above what would be considered background levels. The site safety and health plan and individual work practices were effective controls to minimize exposure.

Please feel free to contact me if you have any questions or if I can be of further assistance.

Sincerely Yours,

*Richard Gleason*  
Richard Gleason, MS, CIH, CSP  
Manager, Industrial Hygiene and Safety Division



AIR SAMPLING DATA

SUMMARY OF AIR SAMPLING DATA FOR WOODS INDUSTRIES PHASE II - SOIL EXCAVATION						
Date	Sample #	Compound	Sample Description	Sample vol.		Comments
				Liters	Result	
4/2/93	DAL -17	Arsenic	Decon	736.68	<0.14 ug/m3	
	DAL -18	Arsenic	Work area	606	<0.17 ug/m3	
	DAL -19	Arsenic	Downwind fence line	571.2	<0.18 ug/m3	
	DAL -20	Arsenic	Trackhoe operator	652.6	<0.16 ug/m3	
	DAL -21	Metals	Blank	Blank	<5.0 ug	
	DAL-17	Lead	Decon	736.68	<6.8 ug/m3	
	DAL-18	Lead	Work area	606	<8.3 ug/m3	
	DAL-19	Lead	Downwind fence line	571.2	<8.8 ug/m3	
	DAL-20	Lead	Trackhoe operator	652.6	<7.7 ug/m3	
	DAL-21	Metals	Blank	Blank	<5.0 ug	
	Hg-6	Mercury	Decon	94.36	<0.0012 mg/m3	
	Hg-7	Mercury	Work area	81.2	<0.0014 mg/m3	
	Hg-8	Mercury	Downwind fence line	206.64	<0.00054 mg/m3	
	Hg-9	Mercury	Trackhoe operator	142.76	<0.00078 mg/m3	
	Hg-10	Mercury	Blank	Blank	<0.11 ug	
	D-26	DDT	Decon	522.35	<0.0015 mg/m3	
	D-27	DDT	Work area	503	<0.0015 mg/m3	
	D-28	DDT	Downwind fence line	442.4	<0.0017 mg/m3	
	D-29	DDT	Trackhoe operator	457.32	<0.0017 mg/m3	
	D-30	DDT	Blank	Blank	<0.80 ug	
	D-26	Dieldrin	Decon	522.35	<0.0015 mg/m3	
	D-27	Dieldrin	Work area	503	<0.0015 mg/m3	
	D-28	Dieldrin	Downwind fence line	442.4	<0.0018 mg/m3	
	D-29	Dieldrin	Trackhoe operator	457.32	<0.0017 mg/m3	
	D-30	Dieldrin	Blank	Blank	<0.80 ug	
	H-18	Heptachlor	Decon	336	<0.00051 mg/m3	
	H-19	Heptachlor	Work area	333.3	<0.00051 mg/m3	
	H-20	Heptachlor	Downwind fence line	310.8	<0.00055 mg/m3	
	H-21	Heptachlor	Trackhoe operator	303.13	<0.00056 mg/m3	
	H-22	Heptachlor	Blank	Blank	<0.17 ug	
	TD-3	Total dust	calibration w/sensidyne		no data	

AIR SAMPLING DATA

4/5/93	DAL- 22	Arsenic	Decon	865.2	<0.12 ug/mg3	
	DAL- 23	Arsenic	Work area	915.12	<0.11 ug/m3	
	DAL- 24	Arsenic	Downwind fence line	971.3	<0.11 ug/m3	
	DAL- 25	Arsenic	Trackhoe operator	778.3	<0.13 ug/m3	
	DAL- 26	Metals	Blank	Blank	<5.0 ug	
	DAL- 27	Arsenic	Downwind fence line	288.12	<0.36 ug/m3	
	DAL-22	Lead	Decon	865.2	<5.8 ug/m3	
	DAL-23	Lead	Work area	915.12	<5.5 ug/m3	
	DAL-24	Lead	Downwind fence line	971.3	<5.2 ug/m3	
	DAL-25	Lead	Trackhoe operator	778.3	<6.5 ug/m3	
	DAL-26	Metals	Blank	Blank	<5.0 ug	
	DAL-27	Lead	Downwind fence line	288.12	<18 ug/m3	
	DAL-27	Total dust	Downwind fence line	288.12	0.14 mg/m3	
	Hg-11	Mercury	Decon	230.72	<0.00049 mg/m3	
	Hg-12	Mercury	Work area	106.37	<0.0011 mg/m3	
	Hg-13	Mercury	Downwind fence line	129.01	<0.00087 mg/m3	
	Hg-14	Mercury	Trackhoe operator	83	<0.0014 mg/m3	
	Hg-15	Mercury	Blank	Blank	<0.11 ug	
	D-31	DDT	Decon	663.32	<0.0011 mg/m3	
	D-32	DDT	Work area	710.5	<0.0011 mg/m3	
	D-33	DDT	Downwind fence line	700.34	<0.0011 mg/m3	
	D-34	DDT	Trackhoe operator	no data	no data	Sample cassette was
	D-35	DDT	Blank	Blank	<0.76 ug	lost during sampling.
	D-31	Dieldrin	Decon	663.32	<0.0013 mg/m3	
	D-32	Dieldrin	Work area	710.5	<0.0012 mg/m3	
	D-33	Dieldrin	Downwind fence line	700.34	<0.0012 mg/m3	
	D-34	Dieldrin	Trackhoe operator	no data	no data	
	D-35	Dieldrin	Blank	Blank	<0.84 ug	
	H-23	Heptachlor	Decon	494.4	<0.00034 mg/m3	
	H-24	Heptachlor	Work area	454.72	<0.00037 mg/m3	
	H-25	Heptachlor	Downwind fence line	426	<0.00040 mg/m3	
	H-26	Heptachlor	Trackhoe operator	414.95	<0.00041 mg/m3	
	H-27	Heptachlor	Blank	Blank	<0.17 ug	
4/6/93	DAL-28	Total dust	Decon	330.48	0.09 mg/m3	
	DAL-29	Total dust	Work area	191.7	0.10 mg/m3	
	DAL-30	Total dust	Downwind fence line	251.55	0.08 mg/m3	
	DAL-31	Total dust	Trackhoe operator	308.46	0.06 mg/m3	
	DAL-32	Total dust	Blank	Blank	<0.01 mg	

AIR SAMPLING DATA

4/6/93	DAL-28	Arsenic	Decon	330.48	<0.31 ug/m3
	DAL-29	Arsenic	Work area	191.7	<0.53 ug/m3
	DAL-30	Arsenic	Downwind fenceline	251.55	<0.40 ug/m3
	DAL-31	Arsenic	Trackhoe operator	308.46	<0.33 ug/m3
	DAL-32	Metals	Blank	Blank	<5.0 ug
	DAL-28	Lead	Decon	330.48	<16 ug/m3
	DAL-29	Lead	Work area	191.7	<0.53 ug/m3
	DAL-30	Lead	Downwind fenceline	251.55	1.30 ug/m3
	DAL-31	Lead	Trackhoe operator	308.46	<17 ug/m3
	DAL-32	Metals	Blank	Blank	<5.0
	Hg-16	Mercury	Decon	33.5	<0.0034 mg/m3
	Hg-17	(particulate)	Work area	36.32	<0.0031 mg/m3
	Hg-18	(particulate)	Downwind fenceline	38.84	<0.0029 mg/m3
	Hg-19	(particulate)	Trackhoe operator	60.42	<0.0019 mg/m3
	Hg-20	(particulate)	Blank	Blank	<0.11 ug
	Hg-16	Mercury	Decon	33.5	<0.0034 mg/m3
	Hg-17	(vapor)	Work area	36.32	<0.0031 mg/m3
	Hg-18	(vapor)	Downwind fenceline	38.84	<0.0029 mg/m3
	Hg-19	(vapor)	Trackhoe operator	60.42	<0.0019 mg/m3
	Hg-20	(vapor)	Blank	Blank	<0.11 ug
	D-36	DDT	Decon	257	<0.0030 mg/m3
	D-37	DDT	Work area	216	<0.0035 mg/m3
	D-38	DDT	Downwind fenceline	194.22	<0.0034 mg/m3
	D-39	DDT	Trackhoe operator	244.86	<0.0031 mg/m3
	D-40	DDT	Blank	Blank	<0.76 ug
	D-36	Dieldrin	Decon	257	<0.0033 mg/m3
	D-37	Dieldrin	Work area	216	<0.0038 mg/m3
	D-38	Dieldrin	Downwind fenceline	194.22	<0.0043 mg/m3
	D-39	Dieldrin	Trackhoe operator	244.86	<0.0034 mg/m3
	D-40	Dieldrin	Blank	Blank	<0.84 ug
	H-28	Heptachlor	Decon	175.95	<0.00097 mg/m3
	H-29	Heptachlor	Work area	117.45	<0.0014 mg/m3
	H-30	Heptachlor	Downwind fenceline	108.23	<0.0016 mg/m3
	H-31	Heptachlor	Trackhoe operator	147.87	<0.0011 mg/m3
	H-32	Heptachlor	Blank	Blank	<0.17ug
	TD-4	Total Dust	Sensidyne calibration	431.3	0.05 mg/m3

AIR SAMPLING DATA

4/7/93	DAL-33	Total Dust	Decon	740.28	0.22 mg/m3
	DAL-34	Total Dust	Work area	762.44	0.21 mg/m3
	DAL-35	Total Dust	Downwind fence line	588.55	0.29 mg/m3
	DAL-36	Total Dust	Trackhoe operator	843.76	0.24 mg/m3
	DAL-37	Total Dust	Blank	Blank	<0.01 mg
	DAL-33	Arsenic	Decon	740.28	<0.14 ug/m3
	DAL-34	Arsenic	Work area	762.44	<0.14 ug/m3
	DAL-35	Arsenic	Downwind fence line	588.55	<0.17 ug/m3
	DAL-36	Arsenic	Trackhoe operator	843.76	<0.12 ug/m3
	DAL-37	Metals	Blank	Blank	<5.0 ug
	DAL-33	Lead	Decon	740.28	<6.8 ug/m3
	DAL-34	Lead	Work area	762.44	<6.6 ug/m3
	DAL-35	Lead	Downwind fence line	588.55	<8.5 ug/m3
	DAL-36	Lead	Trackhoe operator	843.76	<6.0 ug/m3
	DAL-37	Metals	Blank	Blank	<5.0 ug
	Hg-21	Mercury	Decon	139.7	<0.00080 mg/m3
	Hg-22	(particulate)	Work area	137.7	<0.00081 mg/m3
	Hg-23	(particulate)	Downwind fence line	90.85	<0.0013 mg/m3
	Hg-24	(particulate)	Trackhoe operator	144.16	<0.00078 mg/m3
	Hg-25	(particulate)	Blank	Blank	<0.11 ug
	Hg-21	Mercury	Decon	139.7	<0.00080 mg/m3
	Hg-22	(vapor)	Work area	137.7	<0.00081 mg/m3
	Hg-23	(vapor)	Downwind fence line	90.85	<0.0013 mg/m3
	Hg-24	(vapor)	Trackhoe operator	144.16	<0.00078 mg/m3
	Hg-25	(vapor)	Blank	Blank	<0.11 ug
	D-41	DDT	Decon	875.6	<0.00087 mg/m3
	D-42	DDT	Work area	700.2	<0.0011 mg/m3
	D-43	DDT	Downwind fence line	671.5	<0.0011 mg/m3
	D-44	DDT	Trackhoe operator	636	<0.0012 mg/m3
	D-45	DDT	Blank	Blank	<0.76 ug
	D-41	Dieldrin	Decon	875.6	<0.00097 mg/m3
	D-42	Dieldrin	Work area	700.2	<0.0012 mg/m3
	D-43	Dieldrin	Downwind fence line	671.5	<0.0013 mg/m3
	D-44	Dieldrin	Trackhoe operator	636	<0.0013 mg/m3
	D-45	Dieldrin	Blank	Blank	<0.84 ug

AIR SAMPLING DATA

4/7/93	H-33	Heptachlor	Decon	465.66	<0.00037 mg/m3
	H-34	Heptachlor	Work area	377.33	<0.00045 mg/m3
	H-35	Heptachlor	Downwind fence line	359.45	<0.00047 mg/m3
	H-36	Heptachlor	Trackhoe operator	411.28	<0.00041 mg/m3
	H-37	Heptachlor	Blank	Blank	<0.17 ug
4/8/93	DAL-41	Total dust	Trackhoe operator	598.99	0.17 mg/m3
	DAL-42	Total dust	Blank	Blank	<0.01 mg
	DAL-41	Arsenic	Trackhoe operator	598.99	<0.17 ug/m3
	DAL-42	Metals	Blank	Blank	<5.0 ug
	DAL-41	Lead	Trackhoe operator	598.99	<8.4 ug/m3
	DAL-42	Metals	Blank	Blank	<5.0 ug
	Hg-29	Mercury	Trackhoe operator	90.3	<0.0013 mg/m3
	Hg-30	(particulate)	Blank	Blank	<0.11 ug
	Hg-29	Mercury	Trackhoe operator	90.3	<0.0013 mg/m3
	Hg-30	(vapor)	Blank	Blank	<0.11 ug
	D-49	DDT	Trackhoe operator	439.46	<0.0026 mg/m3
	D-50	DDT	Blank	Blank	<0.76 ug
	D-49	Dieldrin	Trackhoe operator	439.46	<0.0029 mg/m3
	D-50	Dieldrin	Blank	Blank	<0.84 ug
	H-41	Heptachlor	Trackhoe operator	288.96	<0.00058 mg/m3
	H-42	Heptachlor	Blank	Blank	<0.17 ug
4/13/93	DAL-38	Total Dust	Decon	703.5	0.06 mg/m3
	DAL-39	Total Dust	Work area	595.2	0.07 mg/m3
	DAL-40	Total Dust	Downwind fence line	638.32	0.08 mg/m3
	DAL-43	Total Dust	Trackhoe operator	414	0.17 mg/m3
	DAL-44	Total Dust	Blank	Blank	<0.01 mg
	DAL-38	Arsenic	Decon	703.5	<0.15 ug/m3
	DAL-39	Arsenic	Work area	595.2	<0.17 ug/m3
	DAL-40	Arsenic	Downwind fence line	638.32	<0.16 ug/m3
	DAL-43	Arsenic	Trackhoe operator	414	<0.25 ug/m3
	DAL-44	Metals	Blank	Blank	<5.0 ug
	DAL-38	Lead	Decon	703.5	<7.0 ug/m3
	DAL-39	Lead	Work area	595.2	<8.5 ug/m3
	DAL-40	Lead	Downwind fence line	638.32	<7.9 ug/m3
	DAL-43	Lead	Trackhoe operator	414	<13 ug/m3
	DAL-44	Metals	Blank	Blank	<5.0 ug



AIR SAMPLING DATA

4/13/93	Hg-26	Mercury	Decon	103.85	<0.0011 mg/m3
	Hg-27	(vapor)	Work area	99.2	<0.0012 mg/m3
	Hg-28	(vapor)	Downwind fence line	600.4	<0.00019 Mg/m3
	Hg 31	(vapor)	Trackhoe operator	765.9	<0.00015 mg/m3
	Hg 32	(vapor)	Blank	Blank	<0.11 ug
	Hg-26	Mercury	Decon	103.85	<0.0011 mg/m3
	Hg-27	(particulate)	Work area	99.2	<0.0012 mg/m3
	Hg-28	(particulate)	Downwind fence line	600.4	<0.00019 Mg/m3
	Hg 31	(particulate)	Trackhoe operator	765.9	<0.00015 mg/m3
	Hg 32	(particulate)	Blank	Blank	<0.11 ug
	D-46	DDT	Decon	529.3	<0.0016 mg/m3
	D-47	DDT	Work area	502.2	<0.0017 mg/m3
	D-48	DDT	Downwind fence line	515.08	<0.0016 mg/m3
	D-51	DDT	Trackhoe operator	306.36	<0.0027 mg/m3
	D-52	DDT	Blank	Blank	<0.84 ug
	D-46	Dieldrin	Decon	529.3	<0.0014 mg/m3
	D-47	Dieldrin	Work area	502.2	<0.0015 mg/m3
	D-48	Dieldrin	Downwind fence line	515.08	<0.0015 mg/m3
	D-51	Dieldrin	Trackhoe operator	306.36	<0.0024 mg/m3
	D-52	Dieldrin	Blank	Blank	<0.76 ug
	H-38	Heptachlor	Decon	385.25	<0.00044 mg/m3
	H-39	Heptachlor	Work area	328.6	<0.00051 mg/m3
	H-40	Heptachlor	Downwind fence line	300.2	<0.00056 mg/m3
	H-43	Heptachlor	Trackhoe operator	202.86	<0.00084 mg/m3
	H-44	Heptachlor	Blank	Blank	<0.17 ug
4/14/93	DAL-45	Total dust	Decon	749.7	0.09 mg/m3
	DAL-46	Total dust	Work area	615.23	0.05 mg/m3
	DAL-47	Total dust	Downwind fence line	664	0.05 mg/m3
	DAL-48	Total dust	Trackhoe operator	698.32	0.13 mg/m3
	DAL-49	Total dust	Blank	Blank	<0.01 mg
	DAL-45	Arsenic	Decon	749.7	<0.14 ug/m3
	DAL-46	Arsenic	Work area	615.23	<0.17 ug/m3
	DAL-47	Arsenic	Downwind fence line	664	<0.16 ug/m3
	DAL-48	Arsenic	Trackhoe operator	698.32	<0.15 ug/m3
	DAL-49	Metals	Blank	Blank	<5.0 ug
	DAL-45	Lead	Decon	749.7	<6.7 ug/m3
	DAL-46	Lead	Work area	615.23	<8.2 ug/m3
	DAL-47	Lead	Downwind fence line	664	<7.6 ug/m3
	DAL-48	Lead	Trackhoe operator	698.32	<7.2 ug/m3
	DAL-49	Metals	Blank	Blank	<5.0 ug
4/14/93	Hg-33	Mercury	Decon	132.09	<0.00035 mg/m3
	Hg-34	(particulate)	Work area	134.89	<0.00083 mg/m3

AIR SAMPLING DATA

Hg-35	(particulate)	Downwind fence line	76.36	<0.0015 mg/m3	
Hg-36	(particulate)	Trackhoe operator	123.89	<0.00090 mg/m3	
Hg-37	(particulate)	Blank	Blank	<0.11 ug	
Hg-33	Mercury	Decon	132.09	<0.00035 mg/m3	
Hg-34	(vapor)	Work area	134.89	<0.00083 mg/m3	
Hg-35	(vapor)	Downwind fence line	76.36	<0.0015 mg/m3	
Hg-36	(vapor)	Trackhoe operator	123.89	<0.00090 mg/m3	
Hg-37	(vapor)	Blank	Blank	<0.11 ug	
D-53	DDT	Decon	571.2	<0.0013 mg/m3	
D-54	DDT	Work area	565.88	<0.0013 mg/m3	
D-55	DDT	Downwind fence line	547.8	<0.0014 mg/m3	
D-56	DDT	Trackhoe operator	512.56	<0.0015 mg/m3	
D-57	DDT	Blank	Blank	<0.84 ug	
D-53	Dieldrin	Decon	571.2	<0.0014 mg/m3	
D-54	Dieldrin	Work area	565.88	<0.0014 mg/m3	
D-55	Dieldrin	Downwind fence line	547.8	<0.0015 mg/m3	
D-56	Dieldrin	Trackhoe operator	512.56	<0.0015 mg/m3	
D-57	Dieldrin	Blank	Blank	<0.76 ug	
H-45	Heptachlor	Decon	389.13	<0.00044 mg/m3	
H-46	Heptachlor	Work area	352.03	<0.00048 mg/m3	
H-47	Heptachlor	Downwind fence line	322.04	<0.00052 mg/m3	
H-48	Heptachlor	Trackhoe operator	337.12	<0.00050 mg/m3	
H-49	Heptachlor	Blank	Blank	<0.17 ug	
4/15/93	DAL-50	Total Dust	Decon	702.63	0.06 mg/m3
	DAL-51	Total Dust	Work area	670.68	0.04 mg/m3
	DAL-52	Total Dust	Downwind fence line	669.76	0.07 mg/m3
	DAL-53	Total Dust	Trackhoe operator	646	0.06 mg/m3
	DAL-54	Total Dust	Blank	Blank	<0.01 mg
	DAL-50	Arsenic	Decon	702.63	<0.15 mg/m3
	DAL-51	Arsenic	Work area	670.68	<0.15 ug/m3
	DAL-52	Arsenic	Downwind fence line	669.76	<0.15 ug/m3
	DAL-53	Arsenic	Trackhoe operator	646	<0.16 ug/m3
	DAL-54	Metals	Blank	Blank	<5.0 ug
	DAL-50	Lead	Decon	702.63	<7.2 ug/m3
	DAL-51	Lead	Work area	670.68	<7.5 ug/m3
	DAL-52	Lead	Downwind fence line	669.76	<7.5 ug/m3
	DAL-53	Lead	Trackhoe operator	646	<7.8 ug/m3
	DAL-54	Metals	Blank	Blank	<5.0 ug
4/15/93	Hg-38	Mercury	Decon	99.9	<0.012 mg/m3
	Hg-39	(vapor)	Work area	110.16	<0.011 mg/m3
	Hg-40	(vapor)	Downwind fence line	112.7	<0.00099 mg/m3
	Hg-41	(vapor)	Trackhoe operator	75.26	<0.0015 mg/m3

AIR SAMPLING DATA

	Hg-42	(vapor)	Blank	Blank	<0.11 ug
	Hg-38	Mercury	Decon	99.9	<0.012 mg/m3
	Hg-39	(particulate)	Work area	110.16	<0.011 mg/m3
	Hg-40	(particulate)	Downwind fence line	112.7	<0.00099 mg/m3
	Hg-41	(particulate)	Trackhoe operator	75.26	<0.0015 mg/m3
	Hg-42	(particulate)	Blank	Blank	<0.11 ug
	D-58	DDT	Decon	566.1	<0.0015 mg/m3
	D-59	DDT	Work area	518.4	<0.0016 mg/m3
	D-60	DDT	Downwind fence line	518.42	<0.0016 mg/m3
	D-61	DDT	Trackhoe operator	490.96	<0.0017 mg/m3
	D-62	DDT	Blank	Blank	<0.84 ug
	D-58	Dieldrin	Decon	566.1	<0.0013 mg/m3
	D-59	Dieldrin	Work area	518.4	<0.0015 mg/m3
	D-60	Dieldrin	Downwind fence line	518.42	<0.0015 mg/m3
	D-61	Dieldrin	Trackhoe operator	490.96	<0.0015 mg/m3
	D-62	Dieldrin	Blank	Blank	<0.76 ug
	H-50	Heptachlor	Decon	366.3	<0.00046 mg/m3
	H-51	Heptachlor	Work area	362.88	<0.00047 mg/m3
	H-52	Heptachlor	Downwind fence line	354.2	<0.00048 mg/m3
	H-53	Heptachlor	Trackhoe operator	316.54	<0.00054 mg/m3
	H-54	Heptachlor	Blank	Blank	<0.17 ug
4/16/93	DAL-55	Total dust	Decon	575.4	0.05 mg/m3
	DAL-56	Total dust	Downwind fence line	524.16	0.04 mg/m3
	DAL-57	Total dust	Trackhoe operator	621.18	0.03 mg/m3
	DAL-58	Total dust	Blank	Blank	<0.01 mg
	DAL-55	Arsenic	Decon	575.4	<0.18 ug/m3
	DAL-56	Arsenic	Downwind fence line	524.16	<0.20 ug/m3
	DAL-57	Arsenic	Trackhoe operator	621.18	<0.17 ug/m3
	DAL-58	Metals	Blank	Blank	<5.0 ug
	DAL-55	Lead	Decon	575.4	<8.7 ug/m3
	DAL-56	Lead	Downwind fence line	524.16	<9.6 ug/m3
	DAL-57	Lead	Trackhoe operator	621.18	<8.1 ug/m3
	DAL-58	Metals	Blank	Blank	<5.0 ug
4/16/93	Hg-43	Mercury	Decon	93.16	<0.0012 mg/m3
	Hg-44	(vapor)	Downwind fence line	85.68	<0.0032 mg/m3
	Hg-45	(vapor)	Trackhoe operator	55.08	<0.0021 mg/m3
	Hg-46	(vapor)	Blank	Blank	<0.11 ug
	Hg-43	Mercury	Decon	93.16	<0.0012 mg/m3

AIR SAMPLING DATA

	Hg-44	(particulate)	Downwind fence/line	85.68	<0.0032 mg/m3	
	Hg-45	(particulate)	Trackhoe operator	55.08	<0.0021 mg/m3	
	Hg-46	(particulate)	Blank	Blank	<0.11 ug	
	D-63	DDT	Decon	1.65	<0.84 ug	Incorrect sample volumes were provided to the lab for samples D-63 to H-58, collected on 4/16/93.
	D-64	DDT	Downwind fence/line	1.57	<0.84 ug	
	D-65	DDT	Trackhoe operator	1.54	<0.84 ug	
	D-66	DDT	Blank	Blank	<0.84 ug	
	D-63	Dieldrin	Decon	1.65	<0.76 ug	
	D-64	Dieldrin	Downwind fence/line	1.57	<0.76 ug	
	D-65	Dieldrin	Trackhoe operator	1.54	<0.76 ug	
	D-66	Dieldrin	Blank	Blank	<0.84 ug	
	H-55	Heptachlor	Decon	1.13	<0.17ug	
	H-56	Heptachlor	Downwind fence/line	1.07	<0.17 ug	
	H-57	Heptachlor	Trackhoe operator	0.97	<0.17 ug	
	H-58	Heptachlor	Blank	Blank	<0.17 ug	
4/19/93	DAL-59	Total dust	Work area	758.56	0.04 mg/m3	
	DAL-60	Total dust	Trackhoe operator	687.53	0.20 mg/m3	
	DAL-61	Total dust	Blank	Blank	<0.1 mg	
	DAL-59	Arsenic	Work area	758.56	<0.14 ug/m3	
	DAL-60	Arsenic	Trackhoe operator	687.53	<0.15 ug/m3	
	DAL-61	Metals	Blank	Blank	<5.0 ug	
	DAL-59	Lead	Work area	758.56	<6.6 ug/m3	
	DAL-60	Lead	Trackhoe operator	687.53	<7.3 ug/m3	
	DAL-61	Metals	Blank	Blank	<5.0 ug	
	D-67	DDT	Work area	593.12	<0.0014 mg/m3	
	D-68	DDT	Trackhoe operator	523.5	<0.0016 mg/m3	
	D-69	DDT	Blank	Blank	<0.84 ug	
	D-67	Dieldrin	Work area	453.88	<0.0013 mg/m3	
	D-68	Dieldrin	Trackhoe operator	384.26	<0.0015 mg/m3	
	D-69	Dieldrin	Blank	Blank	<0.76 ug	
	Hg-47	Mercury	Work area	145.024	<0.00077 mg/m3	Identical results for mercury vapor and particulates.
	Hg-48	Mercury	Blank	Blank	<0.11 ug	
4/19/93	H-59	Heptachlor	Work area	366.08	<0.00046 mg/m3	
	H-60	Heptachlor	Trackhoe operator	336.79	<0.00050 mg/m3	
	H-61	Heptachlor	Blank	Blank	<0.17 ug	
4/20/93	DAL-62	Total dust	Work area	748.65	0.07 mg/m3	
	DAL-63	Total dust	Trackhoe operator	717.1	0.21 mg/m3	
	DAL-64	Total dust	Blank	Blank	<0.01 mg/m3	

AIR SAMPLING DATA

	DAL-62	Arsenic	Work area	748.65	<0.14 ug/m3	
	DAL-63	Arsenic	Trackhoe operator	717.1	<0.14 ug/m3	
	DAL-64	Metals	Blank	Blank	<5.0 ug	
	DAL-62	Lead	Work area	748.65	<6.7 ug/m3	
	DAL-63	Lead	Trackhoe operator	717.1	<7.0 ug/m3	
	DAL-64	Metals	Blank	Blank	<5.0 ug	
	D-70	DDT	Work area	520.95	<0.0016 mg/m3	
	D-71	DDT	Trackhoe operator	550.25	0.0243 mg/m3	
	D-72	DDT	Blank	Blank	<0.84 ug	
	D-70	Dieldrin	Work area	520.95	<0.0015 mg/m3	
	D-71	Dieldrin	Trackhoe operator	550.25	<0.0014 mg/m3	
	D-72	Dieldrin	Blank	Blank	<0.76 ug	
	Hg-49	Mercury	Work area	144.9	<0.00077 mg/m3	Identical results for vapor and particulate samples.
	Hg-50	(vapor and	Trackhoe operator	81.65	<0.0014 mg/m3	
	Hg-51	particulate)	Blank	Blank	<0.11 ug	
	H-62	Heptachlor	Work area	369.15	<0.00046 mg/m3	
	H-63	Heptachlor	Trackhoe operator	340.8	<0.00050 mg/m3	
	H-64	Heptachlor	Blank	Blank	<0.17 ug	
	TD-5	Total dust	Calibration sample	328.32	0.09 mg/m3	
4/30/93	DAL-65	Total dust	Decon		0.05 mg	Total air sample volume was not provided to the lab for samples DAL-65 to H-67, collected on 4/30/93.
	DAL-66	Total dust	Trackhoe operator		0.07 mg	
	DAL-67	Total dust	Blank	Blank	<0.01 mg	
	DAL-65	Arsenic	Decon		<0.11 ug	
	DAL-66	Arsenic	Trackhoe operator		<0.11 ug	
	DAL-67	Metals	Blank	Blank	<5.0 ug	
	DAL-65	Lead	Decon		<5.0 ug	
	DAL-66	Lead	Trackhoe operator		<5.0 ug	
	DAL-67	Metals	Blank	Blank	<5.0 ug	
4/30/93	D-73	DDT	Decon		<0.84 ug	
	D-74	DDT	Trackhoe operator		<0.84 ug	
	D-75	DDT	Blank	Blank	<0.84 ug	
	D-73	Dieldrin	Decon		<0.76 ug	
	D-74	Dieldrin	Trackhoe operator		<0.76 ug	
	D-75	Dieldrin	Blank	Blank	<0.84 ug	
	H-65	Heptachlor	Decon		<0.17 ug	
	H-66	Heptachlor	Trackhoe operator		<0.17 ug	

AIR SAMPLING DATA

	H-67	Heptachlor	Blank	Blank	<0.17 ug	
5/3/93	DAL-69	Total dust	Trackhoe operator	714.42	0.27 mg/m3	Note omission of sample numbers DAL-68, D-76, and H-68.
	DAL-70	Total dust	Blank	Blank	<0.01 mg	
	DAL-69	Arsenic	Trackhoe operator	714.42	<0.14 ug/m3	
	DAL-70	Metals	Blank	Blank	<5.0 ug	
	DAL-69	Lead	Trackhoe operator	714.42	<7.0 ug/m3	
	DAL-70	Metals	Blank	Blank	<5.0 ug	
	D-77	DDT	Trackhoe operator	862.28	<0.00097 mg/m3	
	D-78	DDT	Blank	Blank	<0.84 ug	
	D-77	Dieldrin	Trackhoe operator	862.28	<0.00088 mg/m3	
	D-78	Dieldrin	Blank	Blank	<0.76 ug	
	H-69	Heptachlor	Trackhoe operator	471.42	<0.00036 mg/m3	
	H-70	Heptachlor	Blank	Blank	<0.17 ug	
5/7/93	DAL-71	Total dust	Hansen fenceline	724.12	0.06 mg/m3	Samples taken during the excavation of a one foot cut between Hanson's fenceline and the service road, near the concrete vault.
	DAL-72	Total dust	Trackhoe operator	964	0.05 mg/m3	
	DAL-73	Total dust	Blank	Blank	<0.01 mg	
	DAL-71	Arsenic	Hansen fenceline	724.12	<0.14 ug/m3	
	DAL-72	Arsenic	Trackhoe operator	964	<0.11 ug/m3	
	DAL-73	Metals	Blank	Blank	<5.0 ug	
	DAL-71	Lead	Hansen fenceline	724.12	<7.0 ug/m3	
	DAL-72	Lead	Trackhoe operator	964	<5.2 ug/m3	
	DAL-73	Metals	Blank	Blank	<5.0 ug	
	D-79	DDT	Hansen fenceline	648.34	<0.0013 mg/m3	
	D-80	DDT	Trackhoe operator	713.36	<0.0012 mg/m3	
	D-81	DDT	Blank	Blank	<0.84 ug	
5/7/93	D-79	Dieldrin	Hansen fenceline	648.34	<0.0012 mg/m3	
	D-80	Dieldrin	Trackhoe operator	713.36	<0.0011 mg/m3	
	D-81	Dieldrin	Blank	Blank	<0.76 ug	
	H-71	Heptachlor	Hansen fenceline	442.05	<0.00038 mg/m3	
	H-72	Heptachlor	Trackhoe operator	482	<0.00035 mg/m3	
	H-73	Heptachlor	Blank	Blank	<0.76 ug	
5/17/93	TD-6	Total dust	Hansen fenceline	379.5	0.03 mg/m3	
5/18/93	TD-7	Total dust	Hansen fenceline	751.98	0.13 mg/m3	Samples TD-7 through H-75 were taken during
	TD-8	Total dust	Decon (North side)	642.6	0.06 mg/m3	

AIR SAMPLING DATA

	TD-9	Total dust	Blank	Blank	<0.01 mg	demoition and excavation of the concrete vault that was located adjacent to the Hansen fence line. on 5/18/1993.
	DAL-74	Total dust	Hansen fence line	457.8	0.08 mg/m3	
	DAL-75	Total dust	Blank	Blank	<0.01 mg	
	DAL-74	Arsenic	Hansen fence line	457.8	<0.22 ug/m3	
	DAL-75	Metals	Blank	Blank	<5.0 ug	
	DAL-74	Lead	Hansen fence line	457.8	<11 ug	
	DAL-75	Metals	Blank	Blank	<5.0 ug	
	D-82	DDT	Hansen fence line	336	<0.00023 mg/m3	
	D-83	DDT	Blank	Blank	<0.76 ug	
	D-82	Dieldrin	Hansen fence line	336	<0.0025 mg/m3	
	D-83	Dieldrin	Blank	Blank	<0.84 ug	
	H-74	Heptachlor	Hansen fence line	237.3	<0.00072 mg/m3	
	H-75	Heptachlor	Blank	Blank	<0.17 ug	
5/21/93	TD-10	Total dust	North side decon area	1245.44	<0.01 mg/m3	
	DAL-76	Total dust	Hansen fence line	1124	0.06 mg/m3	
	DAL-77	Total dust	Blank	Blank	<0.01 mg	
	DAL-76	Arsenic	Hansen fence line	1124	<0.089 ug/m3	
	DAL-77	Metals	Blank	Blank	<5.0 ug	
	DAL-76	Lead	Hansen fence line	1124	<4.5 ug/m3	
	DAL-77	Metals	Blank	Blank	<5.0 ug	
	D-84	DDT	Hansen fence line	865.48	<0.00088 mg/m3	
	D-85	DDT	Blank	Blank	<0.76 ug	
5/21/93	D-84	Dieldrin	Hansen fence line	865.48	<0.00097 mg/m3	
	D-85	Dieldrin	Blank	Blank	<0.84 ug	
	H-76	Heptachlor	Hansen fence line	657.54	<0.00026 mg/m3	
	H-77	Heptachlor	Blank	Blank	<0.17 ug	
5/22/93	TD-11	Total dust	North side decon area	606.95	<0.02 mg/m3	
	TD-12	Total dust	Hansen fence line	665.28	<0.02 mg/m3	
5/24/93	TD-13	Total dust	Hansen fence line	1164	0.03 mg/m3	
5/25/93	TD-14	Total dust	North decon	1189.92	0.02 mg/m3	
	TD-15	Total dust	Hansen fence line	1407.71	0.01 mg/m3	
	TD-16	Total dust	Blank	Blank	<0.01 mg	

APPENDIX C-6

Olympus Environmental's Daily Safety Reports



APR 01 1993



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name Woods Industries

Olympus Project NO. 93-4394

This Report was Prepared by: Maria Stremcha  
OEI

This Report was Delivered to: file

Today's Date: S M T W Th F S 4 / 1 / 93

Safety Issues Discussed:  
Complete Review of the Site Health & Safety Plan

Name	Organization
<u>Maria Stremcha</u>	<u>OEI</u>
<u>Debra Fuller</u>	<u>OLYMPUS</u>
<u>Bob Miller</u>	<u>Olympus</u>
<u>John Bax</u>	<u>Olympus</u>
<u>Greg A. ...</u>	<u>OEI</u>
<u>Jan ...</u>	<u>OEI</u>



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name Woods Industries

Olympus Project NO. 93-4394

This Report was Prepared by: Marla Stremcha  
OET

This Report was Delivered to: file.

Today's Date: S M T W Th (F) S 4 / 2 / 93

Safety Issues Discussed:

- Respirator Care
- Decon procedures
- Working by the train Tracks - Continuous OET Spotters
- Dust Control
- Leather Gloves only if operating Equipment

<u>Dale Hull</u>	<u>OLYMPUS</u>
Name <u>Marla Stremcha</u>	Organization <u>OET</u>
<u>Todd Mesplies</u>	<u>OET</u>
<u>Michael H. Hunt</u>	<u>Burlington Environmental</u>
<u>John W. Adams</u>	<u>Burlington Environmental Inc.</u>
<u>Wally Hill</u>	<u>"</u>
<u>Greg McLeod</u>	<u>OET</u>
<u>John Kim Ho</u>	<u>"</u>

OLYMPUS ENVIRONMENTAL, INC.

APR 05 1993

Daily Safety Meeting Report

Project Name: Wreck Trenches

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Marla Stremcha

This Report Was Delivered to: file - 93-4394

Today's Date: S (M) T W T F S 4, 5, 93

Safety Issues Discussed:

Safety around Sheet Piling Equipment.

PPE Requirements.

Secur Requirements

Exclusion Zones.

Name

Company

<u>Marla Stremcha</u>	<u>OEI</u>
<u>Mike Webb</u>	<u>P.C.</u>
<u>Steve McLeod</u>	<u>OEI</u>
<u>John Smith</u>	<u>Olympus</u>
<u>Mark ALBERTS</u>	<u>Olympus</u>
<u>Michael A. Minato</u>	<u>Buckingham Environmental</u>
<u>John W. Hagan</u>	<u>Buckingham Environmental Inc.</u>
<u>DALE DOBLER</u>	<u>OLYMPUS ENVIRONMENTAL</u>
<u>John M. Baccarella</u>	<u>OLYMPUS</u>
<u>Lynn M. (E. Sen)</u>	<u>P&amp;L CON</u>
<u>INDUSTRIAL</u>	<u>File Con</u>

Steve  
 or Randy  
 @ 206-850-1775

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Macla Stremcha

This Report Was Delivered to: file 93-4393

Today's Date: S M (T) W T F S 4, 6, 93

Safety Issues Discussed:

Hearing Protection around Equipment.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Name	Company
<u>Macla Stremcha</u>	<u>OEI</u>
<u>Chris Binkley</u>	<u>Olympus</u>
<u>A. Morrison</u>	<u>Nile Con</u>
<u>John McLean</u>	<u>PER Con</u>
<u>M. Mills</u>	<u>PER Con</u>
<u>Lois Brough</u>	<u>Olympus</u>
<u>Greg A. Mitchell</u>	<u>Olympus</u>
<u>Mark S. ...</u>	<u>OLYMPUS</u>
<u>John ...</u>	<u>Burlington Environmental</u>
<u>Michael A. Masto</u>	<u>Burlington Environmental</u>
_____	_____
_____	_____

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maia Stremcha

This Report Was Delivered to: file 93-4394

Today's Date: S M T (W) T F S 4, 7, 93

Safety Issues Discussed:

Dust Control -  
watch for heavy Equipment.  
Stay Clear of excavations when working  
Wear hearing protection  
when applying sealant watch for  
Slip trip falls.

Name

Company

Name	Company
<u>Maia Stremcha</u>	<u>OEI</u>
<u>Mark's AUSA</u>	<u>OLYMPUS</u>
<u>Rick Walker</u>	<u>PC</u>
<u>D. Honan</u>	<u>Pile Con</u>
<u>M. Wilk</u>	<u>Pile Con</u>
<u>Steve A. Mellard</u>	<u>OEI</u>
<u>Tom Bull</u>	<u>OEI</u>
<u>Dale Bull</u>	<u>OLYMPUS</u>
<u>John Bird</u>	<u>Olympus</u>
<u>John W. Deben</u>	<u>Buckingham Environmental, Inc.</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maia Sampaio

This Report Was Delivered to: File 93-4394

Today's Date: S M T W T F S 4 1 8 1 93

Safety Issues Discussed:

Don't drive the Bobcat on the Sand Road.  
Change decon water

Name

Company

Maia Sampaio OEI

John Dineen

Greg A. Myland OEI

Tommy [unclear] OEI

Bob [unclear] OLYMPUS

Jim [unclear] Pile Co

Mark [unclear] OLYMPUS

John [unclear] Pile Co

Michael J. Hunt Burlington Environmental

John W. Dolan Burlington Environmental

APR 09 1993

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Paula

This Report Was Delivered to: File 93-4394

Today's Date: S M T W T (F) S 4 , 9 , 93

Safety Issues Discussed:

- watch for tools on the ground when operating equipment.
- Have a Day off before the weekend.

Name

Company

<u>Paula Sanchez</u>	<u>OET</u>
<u>Gregg Nelson</u>	<u>OET</u>

<u>Wendy S. Adams</u>	<u>OLYMPUS</u>
<u>Michael J. Marts</u>	<u>Burlington Environmental</u>
<u>John Phillips</u>	<u>P.C.</u>

<u>Doyle</u>	<u>OLYMPUS</u>
<u>Mike</u>	<u>Mike Conn</u>
<u>Blair</u>	<u>Blair Conn</u>
<u>Wendy</u>	<u>OET</u>

APR 12 1993

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: 11 rods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maule Stranaha

This Report Was Delivered to: File 93-4394

Today's Date: S (M) T W T F S 4 1 12 1 93

Safety Issues Discussed:

Hard Hats Steel toe Boots  
Hearing protection  
Watch for heavy Equipment

Name

Company

Maule Stranaha OEI

Mike Webb P.C.

Andy Williams P.C.

George A. Shepard OEI

John Williams OEI

Joseph S. Allen Olympus

John Williams P.16 Con



APR 13 1993

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maia Stremcha

This Report Was Delivered to: file 93-4394

Today's Date: S M  W T F S 4, 13, 93

Safety Issues Discussed:

Jacob Crane (dry Jacob).  
Stay out of excavations  
OBSERVE HOT ZONES

Name

Company

<u>Maia Stremcha</u>	
<u>Phil Bunde</u>	<u>OLYMPUS</u>
<u>Rene Voruse</u>	<u>OLYMPUS</u>
<u>Frank S Agate</u>	<u>OLYMPUS</u>
<u>Judd B Broun</u>	<u>OLYMPUS</u>
<u>Lyell M. Hegan</u>	<u>PIE CON</u>
<u>M. W. W.</u>	<u>PIE CON</u>
<u>D. W.</u>	<u>File Con</u>
<u>Greg J. Melard</u>	<u>OLYMPUS</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: 93-4384

Olympus Project No.: WOODS INDUSTRIES, YAKIMA, WA

This Report Was Prepared By (OEI): DALE VOORLOO

This Report Was Delivered to: FILE

Today's Date: S M T W (F) S 4 1 15 1 93

APR 15 1993

Safety Issues Discussed:

DUST CONTROL, DON'T PISS OFF THE NEIGHBORS -  
BE PROUD AS WE'RE UNDER FAIRLY CLOSE SCRUTINY

Name

Company

<u>DALE VOORLOO</u>	<u>OLYMPUS</u>
<u>MARK S. ALBERTS</u>	<u>OLYMPUS</u>
<u>John Best</u>	<u>Olympus</u>
<u>Greg A. Melland</u>	<u>OLYMPUS</u>
<u>Maia Stremchaj</u>	<u>Olympus.</u>
<u>Bill [unclear]</u>	<u>Olympus</u>
<u>Janet [unclear]</u>	<u>OLYMPUS</u>
<u>Michael J. [unclear]</u>	<u>Burlington Env.</u>
<u>John W. [unclear]</u>	<u>Burlington Environmental Inc.</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: WOODS INDUSTRIES

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): DALB V.

This Report Was Delivered to: FILE

Today's Date: S M T W T  S APR 16 1993

Safety Issues Discussed:

DUST CONTROL -

DO NOT USE HANSENS ROAD -

WEAR EARPLUGS -

Change personell decan twice aday

Name

Company

James Voocher

OLYMPUS

Janie Donbrook

OLYMPUS

John Doh

Burlington Environmental Inc.

Greg A. Melbard

OLYMPUS

Mark S. Smith

OLYMPUS

James M. Sappington

OLYMPUS

John Doh

Olympus

Michael J. Mack

Burlington Environmental

APR 17 1993

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: WOODS INDUSTRIES

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Dale Voller

This Report Was Delivered to: FILE

Today's Date: S M T W T F (S) 4 1 17 1 93

Safety Issues Discussed:

MOVING EQUIPMENT - AS USUAL

HANSON PROPERTY MEMO -

CLEAN/WIPE BOOTS BEFORE GETTING TO OFFICE AREA

Name

Company

Dale Voller

OLYMPUS

Mark S. ...

OLYMPUS

Greg ...

OLYMPUS

John ...

Washington Environmental, Inc.

John ...

Olympus Environmental

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): John Binger

This Report Was Delivered to: file 4394

Today's Date:  M  T  W  T  F  S 4 / 18 / 93

Safety Issues Discussed:

Be Careful on and around equipment  
HNU needs to be used if any  
drums are discovered in french drain  
area

Name

Company

<u>John Binger</u>	<u>Olympus</u>
<u>Dale Walker</u>	<u>OLYMPUS</u>
<u>Frank S. ...</u>	<u>OLYMPUS</u>



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name WOODS INDUSTRIES

Olympus Project NO. 93-4394

This Report was Prepared by: DALE VOORER  
OET

This Report was Delivered to: FILE

Today's Date: S (M) T W Th F S 4 / 19 / 93

Safety Issues Discussed:

MOVING EQUIPMENT, DUST CONTROL, NOISE ANY DRUMS UNCOVERED.

DRY DEWON BEFORE MOVING EQUIPMENT OUT OF HOT ZONES, OR DRIVING BEHIND BUILDING.

Name DALE VOORER  
John Bender  
Mark S. Acit  
John W. Nelson  
Lynne A. Melbard  
Michael A. McSO

Organization OLYMPUS  
Olympus  
OLYMPUS  
Buckeye Environmental Inc  
OLYMPUS  
Buckeye Environmental Inc



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name Woods Industries

Olympus Project NO. 93-4394

This Report was Prepared by: Marla Stremcha  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S M (T) W Th F S 4 / 20 / 93

Safety Issues Discussed:

- Take Care of the Equipment.
- Watch out for personnel on foot
- Just Control.
- Stay away from excavations
- Clean & Spill away Respirators when Not in use.

Name	Organization
<u>Marla Stremcha</u>	<u>Olympus</u>
<u>Tom [unclear]</u>	<u>Olympus</u>
<u>Greg [unclear]</u>	<u>Olympus</u>
<u>John Birch</u>	<u>Olympus</u>
<u>Mark [unclear]</u>	<u>Olympus</u>
<u>Michael [unclear]</u>	<u>Bentley</u>



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name Woods Industries

Olympus Project NO. 93-4394

This Report was Prepared by: Maula Stremcha  
OEI

This Report was Delivered to: File 93-4394

Today's Date: S M T (W) Th F S 4/12/93

Safety Issues Discussed:

- Do Not Leave the dump trucks when they are being loaded.
- Make sure gates in dump trucks are released before dumping
- Don't wear dirty gloves in the office
- Make sure equipment is turned off at lunch
- Tape your booties & gloves

Name <u>Jerry A. Melland</u>	Organization <u>Olympus</u>
<u>Maula Stremcha</u>	<u>OEI</u>
<u>Tom B...</u>	<u>OEI</u>
<u>Mark S. ...</u>	<u>OLYMPUS</u>
<u>Dale Diller</u>	<u>OLYMPUS</u>
<u>John B...</u>	<u>Olympus</u>





OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name Wood Industries

Olympus Project NO. 93-4394

This Report was Prepared by: Marla Stremcha  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S M T W Th F S 4/22/93

Safety Issues Discussed:  
OSHA Checklist Review.  
Be Safe.  
Electrical Inspection - ~~last~~

Name	Organization
<u>Marla Stremcha</u>	<u>OEI</u>
<u>Tom M. [unclear]</u>	<u>OEI</u>
<u>Mark S. [unclear]</u>	<u>OLYMPUS</u>
<u>Doug A. [unclear]</u>	<u>OLYMPUS</u>
<u>John Binder</u>	<u>Olympus</u>
<u>Dave [unclear]</u>	<u>OLYMPUS</u>
<u>Michael A. [unclear]</u>	<u>[unclear]</u>

APR 26 1993



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name Woods

Olympus Project NO. 93-4394

This Report was Prepared by: John Binder

This Report was Delivered to: <sup>OET</sup> file 4394

Today's Date: S M T W Th (F) S 4 / 23 / 93

Safety Issues Discussed:

Be careful on and around equipment

Do not enter any excavation deeper than 4' unless properly sloped

Practice better decan procedures

Name Michael J. Monte

Mark S. Acutz

Breg A. Melland

John Binder

Michael J. Monte

John Miller

Organization Barlinton ENV.

OLYMPUS

OLYMPUS

Olympus

OLYMPUS



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name Woods Industries  
Olympus Project NO. 93-4394  
This Report was Prepared by: Maria Stremcha  
OEI  
This Report was Delivered to: File 93-4394

Today's Date: S M T W Th F S 4 1 26 1 93

Safety Issues Discussed:  
Pile Contractors on site  
Hard Hats, Safety, Boots  
Watch for people + Heavy Equipment  
Make Eye Contact

Name	<u>Maria Stremcha</u>	Organization	<u>OEI</u>
	<u>Steve A. Melland</u>		<u>OLYMPUS ENV.</u>
	<u>Paul Blumley</u>		<u>OLYMPUS</u>
	<u>Mark S. Allen</u>		<u>OLYMPUS</u>
	<u>Mike Wilb</u>		<u>Pile CONTR</u>
	<u>John</u>		<u>Pile Con</u>



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name Woods Industries

Olympus Project NO. 93-4394

This Report was Prepared by: Maula Stancha  
O&E

This Report was Delivered to: file 93-4394

Today's Date: S M T W Th F S 4 / 27 / 93

Safety Issues Discussed:  
Work Equipment and Personnel on foot  
working in a small area.  
Be Safe

Name	Organization
<u>Maula Stancha</u>	<u>O&amp;E</u>
<u>Mark S. ...</u>	<u>OLYMPUS</u>
<u>Dale ...</u>	<u>OLYMPUS</u>
<u>Greg A. ...</u>	<u>OLYMPUS ENV.</u>
<u>Murphy</u>	<u>FILE CON</u>
<u>L. B. ...</u>	<u>FILE CON</u>

King & Miller

*[Handwritten signature]*



APR 28 1993

OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

APR 28 1993

Project Name Woods Industries

Olympus Project NO. 93-4394

This Report was Prepared by: Marla Stencha  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S M T W Th F S 4 / 1 / 28 / 93

Safety Issues Discussed:

Tape up around Boots.  
Stay alert after long hours  
Take Breaks when needed.

JHBT  
John Deter  
JH  
Greg H. [unclear]

Olympus  
Burlington [unclear]  
BS

Name	Organization
<u>Marla Stencha</u>	<u>OLYMPUS</u>
<u>Mark S. [unclear]</u>	<u>OLYMPUS</u>
<u>Dale Voth</u>	<u>OLYMPUS</u>
<u>Leslie [unclear]</u>	<u>Olympus</u>
<u>Roy [unclear]</u>	<u>Olympus</u>
<u>[unclear]</u>	<u>Ale Con</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Mauro Stremche

This Report Was Delivered to: file 93-4394

Today's Date: S M T W T F S 4, 29, 93

Safety Issues Discussed:

- ~~Keep~~ <sup>Keep</sup> Personnel + Equipment away from the heavily contaminated Material.
- Take Better care of Respirators.
- CAUTIONS  
BE CAUTIONS OF SPRINKLER SYSTEM

Name

Company

Ray Wilson	Olympus
Dale Vassler	OLYMPUS
<del>Todd Bunker</del>	OLYMPUS
Frank S. White	OLYMPUS
Mauro Stremche	OLYMPUS
Z. L. Miller	Pile Co.
Brian A. Melland	OLYMPUS
Mike Webb	Pile Co. Cont.
J. H. Thompson	Pile Co.
Ed Sw	Olympus
Alan W. Baker	Burlington Vermont Army JRC.
J. R. P.	

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maria Stremcha

This Report Was Delivered to: file - 93-4394

Today's Date: S M T W T F S 4, 30, 93

Safety Issues Discussed:

dust control  
All locks closed. Keep it up.

Name

Company

Name	Company
<u>Maria Stremcha</u>	<u>OLYMPUS</u>
<u>Greg A. Meland</u>	<u>OLYMPUS</u>
<u>Ryan Wilson</u>	<u>OLYMPUS</u>
<u>Mark S. Ault</u>	<u>OLYMPUS</u>
<u>W. H. ...</u>	<u>Pile Con</u>
<u>M. Willy</u>	<u>PILE CON</u>
<u>DALE VOUGER</u>	<u>OLYMPUS</u>
<u>...</u>	<u>OLYMPUS</u>
<u>...</u>	<u>PILE CON</u>
<u>...</u>	<u>Buckeye Environmental Services</u>
<u>...</u>	<u>Buckeye Env</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: WOODS INDUSTRIES

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): DAVE V.

This Report Was Delivered to: FILE

Today's Date: S M T W T F (S) 5 1 1 1 93

Safety Issues Discussed:

PAY ATTENTION - IF YOU NEED TO GAZE, STOP YOUR EQUIPMENT.

DUST CONTROL

Name

Company

<u>Paul Vulliamy</u>	<u>OLYMPUS</u>
<u>John Miller</u>	<u>TEPCO</u>
<u>Ray Wilson</u>	<u>Olympus</u>
<u>Mark S. Allen</u>	<u>OLYMPUS</u>
<u>Nasta Stamatia</u>	<u>OLYMPUS</u>
<u>John Bl...</u>	<u>OLYMPUS</u>
<u>Greg A. ...</u>	<u>OLYMPUS</u>
<u>James ...</u>	<u>B. ENV</u>
<u>...</u>	<u>OLYMPUS</u>
<u>...</u>	<u>P.C.</u>
<u>...</u>	<u>P.C.</u>



OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Marta Sterncha

This Report Was Delivered to: file 93-4394

Today's Date: S M T W T F S 5 1 3 1 93

Safety Issues Discussed:

Pay attention to the work at hand.  
Put plastic down for Trucks to load

Name

Company

<u>Marta Sterncha</u>	<u>Olympus</u>
<u>Frankie</u>	<u>OLYMPUS</u>
<u>Greg P. Mellard</u>	<u>Olympus</u>
<u>W. Honari</u>	<u>OLYMPUS</u>
<u>Frankie</u>	<u>Pile Con</u>
<u>M. J. ...</u>	<u>HLK Con</u>
<u>...</u>	<u>    </u>
<u>...</u>	<u>Olympus</u>
<u>DALE DOLORE</u>	<u>OLYMPUS</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

MAY 04 1993

Project Name: woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maia Stranaha

This Report Was Delivered to: file 93-4394

Today's Date: S M T W T F S 5 1 4 1 93

Safety Issues Discussed:

Don't Hit the pipe line.  
Be Careful on and around equipment  
Dust Control

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Name	Company
<u>Maia Stranaha</u>	
<u>Don D...</u>	<u>Olympus</u>
<u>James Jackson</u>	<u>BRENVO</u>
<u>Paul Miller</u>	<u>PILE CON</u>
<u>Ray ...</u>	<u>Olympus</u>
<u>Mark S ...</u>	<u>OLYMPUS</u>
<u>Mike ...</u>	<u>OLYMPUS</u>
<u>John ...</u>	<u>Byrd, Inc. Env. Remedial Inc.</u>
<u>John ...</u>	<u>Site Con</u>
<u>Mike ...</u>	<u>" "</u>
<u>John ...</u>	<u>OLYMPUS</u>
<u>Tom ...</u>	<u>Olympus</u>
<u>Harry McNeil</u>	<u>Olympus</u>

MAY 05 1993

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Wood Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maula Stencha

This Report Was Delivered to: file 93-4394

Today's Date: S M T W T F S 5, 5, 93

Safety Issues Discussed:

Lease Equipment. Well.  
RUST CONTROL

Name

Company

Maula Stencha Olympus

John Miller Pile Con

John Miller Rocky Mountain Environmental Services Inc.

John Miller Pile Contractors

John Miller Olympus

John Miller Olympus

DALE BOCCOR OLYMPUS

Mark S. ... OLYMPUS

Ray ... Olympus

... OLYMPUS

... Pile Con

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): ~~XXXXXXXXXX~~ Maria Starnoba

This Report Was Delivered to: file 93-4394

Today's Date: S M T W T F S 5 1 6 1 93

Safety Issues Discussed:

Tap up Boots  
Trips, Slip, Fall Hazards  
Make Sure you Back up on plastic  
Watch for Black Widow Spiders

Name

Company

Name	Company
<u>Maria Starnoba</u>	<u>Olympus</u>
<u>Dale Weller</u>	<u>Olympus</u>
<u>Ray Wilson</u>	<u>Olympus</u>
<u>John Bunker</u>	<u>Olympus</u>
<u>Tom Vasquez</u>	<u>Olympus</u>
<u>Frank S. Adams</u>	<u>Olympus</u>
<u>Ludwig Baeffly</u>	<u>Olympus</u>



OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Wood Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maria Stymcha

This Report Was Delivered to: File 93-4394

Today's Date: S M T W T F S (S) 5 1 8 1 93

Safety Issues Discussed:

When cutting posts with lock use Respirators.  
down loader + dump truck.  
Put monitoring well indicator back

Name

Company

<u>Maria Stymcha</u>	<u>Olympus</u>
<u>Loader Operator</u>	<u>Olympus</u>
<u>Ray Wilson</u>	<u>Olympus</u>
<u>GIS Assistant</u>	<u>Olympus</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Wood's Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maria Sanchez

This Report Was Delivered to: File 93-4394

Today's Date: S M T W T F S 5 1 10 1 93

Safety Issues Discussed:

Separate Jackpots  
Mark Southern Exclusion Zone  
Clean up area  
Watch for Heavy Equipment.

Name

Company

Name	Company
<u>Maria Sanchez</u>	<u>Olympus</u>
<u>[Signature]</u>	<u>Olympus</u>
<u>[Signature]</u>	<u>Olympus</u>
<u>[Signature]</u>	<u>OLYMPUS</u>
<u>[Signature]</u>	<u>Buckington Environmental Inc.</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Wood Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Mauro Stencha

This Report Was Delivered to: file 93-4394

Today's Date: S M T W T F S 5 1 11 1993

Safety Issues Discussed:

Use Excavator to off load DROP Boxes.  
Watch out ~~of~~ for other people.  
Be alert.

Name

Company

<u>Mauro Stencha</u>	<u>O.E.I.</u>
<u>Mark S. ...</u>	<u>OLYMPUS</u>
<u>John W. ...</u>	<u>Burlington Environmental Inc.</u>
<u>DALE VOORISE</u>	<u>OLYMPUS</u>
<u>...</u>	<u>OLYMPUS</u>
<u>Ray Wilson</u>	<u>OLYMPUS</u>



OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maria Skamika

This Report Was Delivered to: F.K. 93-4394

Today's Date: S M T W T F S 5, 12, 93

Safety Issues Discussed:

Watch out for Heavy Equipment.  
Stay Clear of Crane!  
Heat Control!

Name

Company

<u>Maria Skamika</u>	<u>Olympus</u>
<u>Mark S. ...</u>	<u>Olympus</u>
<u>John W. ...</u>	<u>Buckeye Environmental Inc.</u>
<u>Dale Vahl</u>	<u>OLYMPUS</u>
<u>Roy ...</u>	



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name Woods Industries

Olympus Project NO. 93-4394

This Report was Prepared by: Naile Stremcha  
OEI

This Report was Delivered to: File 93-4394

Today's Date: S M T W Th F S 5 1 13 1993

Safety Issues Discussed:

don't fall off the hill.  
watch for Trip & Slip Hazards.  
Watch for moving equipment.

Name Naile Stremcha Organization Olympus.  
Mark Sauts

John W. Nelson Olympus

Ray Gibson Building for Environmental Inc.

Todd Parsch Olympus

Olympus

APR 14 1993

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Marla Stamba

This Report Was Delivered to: file 93-4394

Today's Date: S M T W T F S 4, 14, 93

Safety Issues Discussed:

Watch for all Heavy Equipment  
in a small area.  
Watch for fire hose on the ground  
don't run over connections

Name

Company

Name	Company
<u>Marla Stamba</u>	<u>OEI</u>
<u>Mark S. ...</u>	<u>OLYMPUS</u>
<u>Dale ...</u>	<u>OLYMPUS</u>
<u>Greg A. ...</u>	
<u>Ly ...</u>	<u>PILE CON</u>
<u>M. ...</u>	<u>PILE CON</u>
<u>D. ...</u>	<u>PILE CON</u>
<u>John W. ...</u>	<u>OLYMPUS</u>
	<u>Burlington Environmental Inc.</u>



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name WOODS INDUSTRIES

Olympus Project NO. 93-4594

This Report was Prepared by: DALY V  
OEI

This Report was Delivered to: FILE

Today's Date: S (M) T W Th F S 5 / 17 / 93

Safety Issues Discussed:

- SECURE PICK TO KEEP IT OUT OF POWER LINES
- WATCH FOR HEAT STRESS
- WAST WATER
- Excavate 1 foot out.

Name Daly V  
Maria St. Amata  
Ray Wilson  
Mark S. Allen  
Tommy B...

Organization OLYMPIA  
 "  
Olympus  
OLYMPUS



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name Woods Tract, Inc.

Olympus Project NO. 93-4394

This Report was Prepared by: Maria Stanche  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S M T W Th F S 5 1 18 1 93

Safety Issues Discussed:

Make sure - wear boots good.  
Watch for heat stress.  
Be careful if working on the Steep pit  
Slip, Trip, Fall Hazards

Name Maria Stanche  
John S. Smith  
John Bunde  
John W. Dahan  
Michael A. Mays  
Donald M. Brumby  
Paul J. ...

Organization Olympus  
Olympus  
Dynas  
Burlington Environmental Inc  
Burlington Environmental Inc  
Olympus



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name Wood Industries

Olympus Project NO. 93-4394

This Report was Prepared by: Maula Stancha  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S M T W Th F S 5 / 19 / 93

Safety Issues Discussed:

- Watch for Rebar and Slip, Trip, Fall Hazards when on the Pile.
- Watch truck drivers and make sure they stay in their trucks.
- Heat Stress
- dust control

Name	Organization
<u>Michael Manty</u>	<u>Burlington Environmental</u>
<u>Maula Stancha</u>	<u>Olympus</u>
<u>Mark S. Acit</u>	<u>Olympus</u>
<u>John Burns</u>	<u>Olympus</u>
<u>John W. Dolan</u>	<u>Burlington Environmental Inc.</u>
<u>Lois M. Rossell</u>	<u>Olympus</u>
<u>Ray Wilson</u>	<u>Olympus</u>



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name Woods Industries

Olympus Project NO. 93-4394

This Report was Prepared by: Maria Stamata  
OEI

This Report was Delivered to: File 93-4394

Today's Date: S M T W Th F S 5 / 20 / 93

Safety Issues Discussed:

Stay Alert - Stay awake  
Just Control  
Don't fall on the holes.  
Stay Cool  
Drink Many Fluids.

Name Maria Stamata

Organization

Olympus

Ray Wilson

Olympus

Dale Voase

OLYMPUS

[Signature]

OLYMPUS

John W. Johnson

Olympus

Michael J. Smith

Burlington Environmental Inc



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name Woods INDUSTRIES

Olympus Project NO. 92-4394

This Report was Prepared by: Dale Vooren  
OEI

This Report was Delivered to: File

Today's Date: S M T W Th (F) S 5 / 21 / 93

Safety Issues Discussed:

HEAT STRESS, SLIP, TRIP + FALL (ESPECIALLY ON STOCKPIES)  
DUST CONTROL  
NR4 DE-CON LEAKAGE WHEN NEEDED

Name	<u>Dale Vooren</u>	Organization	<u>OLYMPUS</u>
	<u>Ray Wilson</u>		<u>Olympus</u>
	<u>Samuel J. Hill</u>		<u>Olympus</u>
	<u>John Burdick</u>		<u>Olympus</u>
	<u>Mark S. Smith</u>		<u>Olympus</u>
	<u>Michael A. Mast</u>		<u>Burlington L-441</u>





OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name WOODS INDUSTRIES

Olympus Project NO. 93-4394

This Report was Prepared by: DALE VOORLOX  
OEI

This Report was Delivered to: FLW

Today's Date: S (M) T W Th F S 5 / 24 / 93

Safety Issues Discussed:

- DUST CONTROL HEAT STRESS
- WATCH FOR BACKING TRUCKS AND MOVING EQUIPMENT.
- DUMP ON LABOR

Name	<u>Dale Voorlox</u>	Organization	<u>OLYMPUS</u>
	<u>Tom M. Boush</u>		<u>OLYMPUS</u>
	<u>Ray Gideon</u>		<u>OLYMPUS</u>
	<u>John Birds</u>		<u>Olympus</u>
	<u>Allen Wolan</u>		<u>Burlington Environmental</u>
	<u>Michael A. Harts</u>		<u>Burlington Environmental</u>
	<u>Mark S. [unclear]</u>		<u>Burlington Environmental</u>



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name: Deck Industries

Olympus Project NO. 93-4394

This Report was Prepared by: Paula Stranica  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S M T W Th F S 5 / 25 / 93

Safety Issues Discussed:

Watch for heavy Equipment & People  
Have good Radio Communication  
Heat Stroke  
dust Control!  
Slip, trip & fall Hazards

Name Paula Stranica  
Mark S. Allen

Organization Olympus

Ray Wilson

Olympus

John B. ...

Olympus

Dale ...

Olympus

...

Olympus

...

Olympus



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name Lucas Industries  
Olympus Project NO. 93-4394  
This Report was Prepared by: Maria Stamba  
OEI  
This Report was Delivered to: File 93-4394

Today's Date: S M T (W) Th F S 5 / 26 / 93

Safety Issues Discussed:  
do not drive across Adams Parking Lot  
Heat Stress.  
Watch for Equipment & Personnel on Site.  
Don't ~~the~~ Hunt your Back Lifting and Bags.  
DUST Control

Name	<u>Maria Stamba</u>	Organization	<u>Olympus</u>
	<u>Tom Peterson</u>		<u>Olympus</u>
	<u>Dale Vactor</u>		<u>OLYMPUS</u>
	<u>Mark Saults</u>		<u>OLYMPUS</u>
	<u>Kay Wilson</u>		<u>olympus</u>
	<u>Jeff Kusterberg</u>		<u>OLYMPUS</u>



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name Wood Industries

Olympus Project NO. 93-4394

This Report was Prepared by: Maula Stremcha  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S M T W (Th) F S 5 / 27 / 93

Safety Issues Discussed:

pick up PPE Bags when they were full  
Check Equipment before running it  
do dust control if you are in  
dump truck.  
Be Carefull on the Stockpile

Name Maula Stremcha Organization OEI

Tom Peterson OEI  
Dale Vooles OLYMPUS

John ... Building ...  
Mark S ... OLYMPUS  
Ray Wilson OLYMPUS



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

Project Name Woods

Olympus Project NO. 93-4394

This Report was Prepared by: Todd BRESFELG  
OEI

This Report was Delivered to: Todd BRESFELG  
Ray Wilson

Today's Date: S M ~~W~~ Th F S 6 / 1 / 1 / 93

Safety Issues Discussed:

Dust Control  
slip, trip, fall hazards  
Watch yourself around heavy equipment  
Watch out for heat stress

Name Todd M. Bresfelig  
Ray Wilson

Organization Olympus  
Olympus

John W. Dolan  
Maia Stearns  
Mark Allis  
OMI/Rescue

Buckington Environmental Inc  
Olympus  
OLYMPUS  
Olympus

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maria Stenmark

This Report Was Delivered to: FL 93-4394

Today's Date: S M T W T F S 6, 2, 1, 93

Safety Issues Discussed:

Most Common OSHA Citations  
Watch for Rattle Snakes & Black Widows Spiders  
Dust Control  
Caution when Backing trucks up the Sockets  
take Care of the Equipment & Radios

Name

Company

<u>John W. Dalton</u>	<u>Burlington Env. Research Inc.</u>
<u>Maria Stenmark</u>	<u>Olympus</u>
<u>Robert Stenmark</u>	<u>Olympus</u>
<u>Mark S. Allen</u>	<u>OLYMPUS</u>
<u>Dale Hall</u>	<u>Olympus</u>
<u>James M. Benson</u>	<u>Olympus</u>
<u>Ray Johnson</u>	<u>Olympus</u>
<u>Robert G. Hunt</u>	<u>Olympus</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maria Stamba

This Report Was Delivered to: File 93-4394

Today's Date: S M T W T F S 6, 3, 93

Safety Issues Discussed:

Wire ~~being~~ dumping over edge  
due Control  
Watch people walking in Equipment

Name

Company

<u>Maria Stamba</u>	<u>Olympus</u>
<u>Mark S. Ross</u>	<u>OLYMPUS</u>
<u>Ray Robinson</u>	<u>Olympus</u>
<u>Mike Hanson</u>	<u>Olympus</u>
<u>John W. Lapan</u>	<u>Buckingham Environmental Services</u>
<u>James Johnson</u>	<u>OLYMPUS</u>
<u>John P. [unclear]</u>	<u>OLYMPUS</u>
<u>Michael H. [unclear]</u>	<u>Burby too Env.</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: WOOD'S INDUSTRIES

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): DAVE V.

This Report Was Delivered to: FILG

Today's Date: S M T W T (F) S 6 1 4 1 93

Safety Issues Discussed:

BACKING UP THE PILE AND BACKING AROUND COLUMNS  
CONCENTRATE ON WORK - HAVE A SAFE WEEKEND

Name

Company

<u>Dave Valler</u>	<u>OLYMPUS</u>
<u>Mike Berco</u>	<u>Olympus</u>
<u>Kay Wilson</u>	<u>Olympus</u>
<u>Markus A. ...</u>	<u>Olympus</u>
<u>Maria Stenback</u>	<u>Olympus</u>
<u>...</u>	<u>Olympus</u>
<u>...</u>	<u>Burlington Environmental</u>
<u>...</u>	<u>Burlington Environmental</u>
<u>...</u>	<u>Burlington Environmental</u>



OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maia Stremcha

This Report Was Delivered to: File 93-4394

Today's Date: S (M) T W T F S 6, 7, 93

Safety Issues Discussed:

Dust Control

Caution When Backing up.

Watch for equipment & personnel

Name

Company

Maia Stremcha

Olympus

Paul Valla

OLYMPUS

Ray Wilson

Olympus

Gregory Kay

Burlington Environment

John W. Belmont

Burlington Environmental Inc

John W. Belmont

OLYMPUS

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Ray Wilson

This Report Was Delivered to: \_\_\_\_\_

Today's Date: S M T W T F S 6, 8, 93

Safety Issues Discussed:

Slip, Trip, Fall. Dust Control.

Beware heat stress. Be careful when replacing sandbags on stockpile.

Be careful on truck ramp at North end when driving dump truck.

Name

Company

Ray Wilson Olympus

Maria S. Serna Olympus

John W. Dalton Building Environmental Inc.

John A. Kemp "

Dave Vogler OLYMPUS

James R. Basinger Olympus



OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: WOODS INDUSTRIES

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): DALE V.

This Report Was Delivered to: FILB

Today's Date: S M T W ① F S 6 1 10 1 93

Safety Issues Discussed:

WATCH THAT PILE - GOOD SAFE TEAM WORK DURING THE  
WIND YESTERDAY. WATCH FOR LIGHTNING IN THOSE TYPE OF  
SITUATIONS

MOVING EQUIPMENT AS USUAL - JUST CONTROL  
CAREFUL W/ CUTTING TORCH - KEEP FIRE EXT. CLOSE  
BY - HAVE FIRE WATCH -

HAUL ROAD IS GETTING VERY NARROW -

Name

Company

Dale V. Valle

OLYMPUS

Ray Wilson

OLYMPUS

Mark S. Ruff

OLYMPUS

Marla Stromelia

ELIUM/RES.

Greg D. Kayser

Buckington Environmental

John W. Dolan

Buckington Environmental Inc.

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: WOODS INDUSTRIES

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): DAVE V.

This Report Was Delivered to: FILE

Today's Date: S M T W T FS 6 1 11 1 93

Safety Issues Discussed:

CUTTING STEEL - FIRE WATCH - HOSE + EXTINGUISHER  
WARE APPROPRIATE GLOVES + GOGGLES -  
DONT LET STEEL FALL ON YOU -  
MOVING EQUIPMENT - DONT BACK OFF THE PICS  
CHECK N. STORAGE

Name

Company

<u>John Walker</u>	
<u>Mark S. Allen</u>	<u>OLYMPUS</u>
<u>Maile Strenche</u>	<u>Olympus</u>
<u>Ray Ziska</u>	<u>Olympus</u>
<u>John W. Nolan</u>	<u>Backyard Environmental Inc.</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Marla Stramcha

This Report Was Delivered to: file 93-4394

Today's Date: S (M) T W T F S 10, 14, 93

Safety Issues Discussed:

When Backing on Pile Be Careful  
Proper disson procedures.

Stay Alert

Keep in Radio Contact

Ask if you have any Questions

Name

Company

<u>Marla Stramcha</u>	<u>Olympus</u>
<u>Mark Allen</u>	<u>Olympus</u>
<u>Kay Wilson</u>	<u>Olympus</u>
<u>Herb Birch</u>	<u>Olympus</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Macla Stronaha

This Report Was Delivered to: File 93-4394

Today's Date: S M T W T F S 6, 15, 93

Safety Issues Discussed:

- Caution when backing truck near  
Equipment + off stackpile.
- Keep in radio contact
- Wear hard hat
- Dust Control

Name

Company

<u>Macla Stronaha</u>	<u>Olympus</u>
<u>Mark S. Davis</u>	<u>Olympus</u>
<u>Ray Wilson</u>	<u>Olympus</u>
<u>Wendy Carter</u>	<u>Olympus</u>
<u>Gregory D. Koster</u>	<u>Buckingham Environmental</u>
<u>John Wilson</u>	<u>Buckingham Environmental Inc.</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industrial

Olympus Project No.: \_\_\_\_\_

This Report Was Prepared By (OEI): Ray Wilson

This Report Was Delivered to: \_\_\_\_\_

Today's Date: S M T W T F S 6 1 16 1 93

Safety Issues Discussed:

Slip, Trip, Fall. Be careful on and  
around heavy equipment. Remember dust  
control. Be careful on decan road - Don't  
fall into the sump. Be careful backing  
on clean road.

Name

Company

<u>Ray Wilson</u>	<u>Olympus</u>
<u>[Signature]</u>	<u>[Signature]</u>
<u>[Signature]</u>	<u>Burke/Teri Environmental Services,</u>
<u>[Signature]</u>	<u>Olympus</u>





ENVIRONMENTAL, INC.

OLYMPUS ENVIRONMENTAL, INC.
DAILY SAFETY MEETING REPORT

PROJECT NAME Woods Industries

OLYMPUS PROJECT NO. 90-4394

This Report was Prepared by: Ray Wilson OEI

This Report was Delivered to:

Today's Date: S M T W (Th) F S 6 / 17 / 93

Safety Issues Discussed:

Slip, trip, Fall. Be careful backing auto clean road Remember dust control. Be careful on the roads with dump trucks. Watch for trains and traffic when pulling on and off mead st. Keep trucks off rail line Ballast. Must remain on north end of site.

Name: Ray Wilson, [Signature], [Signature], [Signature], [Signature]

Organization: Olympus, Olympus, Olympus, Burlington Env., Olympus



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Woods Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Ray Wilson  
OEI

This Report was Delivered to:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Today's Date: S M T W Th **(F)** S 6 / 18 / 93

Safety Issues Discussed:

Slip, Trip, Fall. Be careful on and around heavy equipment. Remember dust control.  
Beware heat stress. Take breaks as needed.  
Have fire control equipment nearby when cutting with torch.  
Beware ~~at~~ truck and train traffic at north end of site.

Name Ray Wilson  
Carl Hester  
Greg Muesel  
Greg Hout  
Carroll Hayes

Organization Olympus  
Olympus  
Burlington Env.



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Olympus Environmental

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Maia Stremcha  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S  M T W Th F S 6 / 21 / 93

Safety Issues Discussed:

- \* Watch out for thunder + lightning storms.
- \* make sure you have a partner when in exclusion zone.
- \* Dust Control
- \* Check Equipment daily (fluids).

Name Maia Stremcha  
Jeff Belish  
Wade All  
Greg Koest  
Travis

Organization Olympus  
Olympus  
olympus  
Dunbar Env.  
OLYMPUS



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME WOODS INDUSTRIES

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: MARK S. AUBERTS  
OEI

This Report was Delivered to: OLYMPUS

Today's Date: S M T W Th F S 6 / 22 / 93

Safety Issues Discussed:

BE CAREFUL WHEN USING "SAWZ-ALL" WHEN  
CUTTING DRUMS. JAGGED EDGES, ROTATING BLADES, ETC....  
WHEN ON TOP OF STOCKPILE, BE CAIOUS OF EDGES  
BE AWARE OF THE ELEMENTS, WIND, RAIN, LIGHTNING.  
SLIP, TRIP AND FALL HAZARDS

Name Mark S. Auberts  
Jeff Deane  
John W. Dolan

Organization Olympus  
Burlington Environmental  
OLYMPUS  
Burlington Environmental Inc.



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Woods Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Marla Stremcha  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S M T W Th F S 6 / 23 / 92

Safety Issues Discussed:

- \* When Using Cut-off Saw have a spotter  
- watch behind you when the Sparks  
are flying
- \* When Excavating / Deming look Watch for  
Personnel in the work area.
- \* heat stress
- \* Dust Control (Get out and do it)

Name Marla Stremcha  
Mark Sault  
John W. Kelan  
Jeff Behrle  
Joe MR. ESPARUCA  
Angela Paul

Organization Olympus  
OLYMPUS  
Evolutionary Environmental, Inc.  
Olympus  
Olymass  
B ENV.



**ENVIRONMENTAL, INC.**

**OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT**

PROJECT NAME Woods Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Marta Stremcha  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S M T W (Th) F S 6 / 24 / 93

**Safety Issues Discussed:**

- \* Keep the office & lunch table Clean
- \* Heat Stress take Water Breaks
- \* Keep fire water when putting sheet piling

Name Marta Stremcha  
John Buehler  
Jeff Buehler  
Frank S. Autry  
Kay Simon

Organization Olympus  
Olympus  
Olympus  
Olympus  
Olympus



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Woods Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Ray Wilson  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S M T W Th (F) S 6 / 25 / 93

Safety Issues Discussed:

Slip, Trip, Fall. Be careful on and around heavy equipment. Make eye contact with operator before approaching machinery.

Remember dust control

Beware of Heat Stress - take breaks when needed.

Have fire fighting ~~equipment~~ <sup>hose nearby</sup> when using cutting torch.

Name Ray Wilson

Organization Olympus

~~M. J. C. ...~~

JCF BEUSLE

Thom S. ...

John W. Dalan

...

OLYMPUS  
Burlington Environmental



**ENVIRONMENTAL, INC.**

OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Wood Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Maria Stameka  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S (M) T W Th F S 6 / 28 / 93

Safety Issues Discussed:

- Dust Control + Patrol
- Caution when working around equipment
- Put eye sand bags on Hoopla
- Slip trip - Fall hazards
- Radio Communications
- Heat Stress

Name Maria Stameka  
Kay Wilson  
Mark S. ...  
Judd ...  
John ...

Organization Olympus  
Olympus  
11  
OLYMPUS  
Burlington Environmental





OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Woods Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Maulea Stremcha  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S M (T) W Th F S 6 / 29 / 93

Safety Issues Discussed:

When Cutting use A fire watch.  
Heat Stress.  
dust Control  
watch for Equipment  
do not fall off Piling Wall

Name Maulea Stremcha  
Roy Wilson  
John W. Brown  
John W. Brown  
Frank S. ...

Organization Olympus  
Olympus  
Olympus  
Building ...  
Olympus



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

ENVIRONMENTAL, INC.

PROJECT NAME Wood Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Maria Stenroos  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S M T W Th F S 6/30/93

Safety Issues Discussed:

Dust Control  
Empty PPE Bags  
Watch for sharp metal  
Heat Stress -  
When in Zone Make Sure you have reburied  
Pay Attention to what you are doing  
Stay clear when tearing down steel.

Name Maria Stenroos  
John W. Dobson  
Ray Wilson  
Mark S. ...

Organization Olympus  
OLYMPUS  
Olympus  
Olympus  
Building and Construction



ENVIRONMENTAL, INC.

OLYMPUS ENVIRONMENTAL, INC.
DAILY SAFETY MEETING REPORT

PROJECT NAME Wards

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Tom M. Brennan
OEI

This Report was Delivered to: file 93-4394

Today's Date: S M T W Th F S 7 / 1 / 93

Safety Issues Discussed:

Post Control
Watch for backing trucks & moving equipment
Heat stress
Used the buddy system when in hot the zone

Name: Tom M. Brennan, Mark Saino, Maria Stornicola, Semerillo, Ray Wilson
Organization: Olympus, Olympus, Olympus, Olympus



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Woods Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Ray Wilson  
OEI

This Report was Delivered to:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Today's Date: S M T W Th **(F)** S 7 / 2 / 93

Safety Issues Discussed:

Slip, Trip, Fall. Be careful on and  
around heavy equipment. Remember dust  
control. If weather gets hot, beware of  
heat stroke.

Name Ray Wilson  
Maria Stremche  
Tom Bessley  
Mark Saut

Organization Olympus  
~~Olympus~~  
Olympus  
Olympus  
Olympus



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME WOODS INDUSTRIES

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: MARK S. ALBERTS  
OEI

This Report was Delivered to: OLYMPUS, BEI.

Today's Date: S M (T) W Th F S 07 / 06 / 93

Safety Issues Discussed:

KEEP ATTENTIVE OF WHAT YOU'RE DOING  
IT'S ESPECIALLY HARD AFTER A LONG  
WEEKEND -

DUST CONTROL IS A MUST  
BE ALERT WHEN BACKING EQUIPMENT  
LOOK AFTER ONE ANOTHER

Name	<u>Mark Alberts</u>	Organization	<u>Olympus</u>
	<u>Tom Basaffly</u>		<u>MARS</u>
	<u>Ray Sullivan</u>		<u>Olympus</u>
	<u>Macla Stymalia</u>		<u>1</u>
	<u>John W. Cohen</u>		<u>Bechtel Environmental Services Inc.</u>



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Lead Industries

OLYMPUS PROJECT NO. 73-4394

This Report was Prepared by: Maria Stenroos  
OEI

This Report was Delivered to: FL 934394

Today's Date: S M T W Th F S 7 / 7 / 93

Safety Issues Discussed:

Keep respirators clean every day  
& put them away  
Keep line of heavy equipment  
clear of train traffic  
Heat stress watch out for each other

Name Maria Stenroos Organization Olympus

Ray Wilson

Mark Ault

John W. Deane

Lead Industries

OLYMPUS  
Barbara 200 E. ...  
OLYMPUS



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME woods Trenching

OLYMPUS PROJECT NO. 73-4394

This Report was Prepared by: Maria Stancha  
OEI

This Report was Delivered to: file 73-4394

Today's Date: S M T W Th F S 7 / 8 / 93

Safety Issues Discussed:  
Be careful when cutting sheet piling  
Take your time + careful cut  
get other people  
Heat stress - drink much fluids

Name Maria Stancha  
John W. Dolan  
Mark Rutz

Organization Olympus  
Chy M/S  
B. ENV.  
Burlington Environmental, Inc.  
olympus



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Woods Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Maule Stremcha  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S M T W Th (F) S 7 / 9 / 93

Safety Issues Discussed:

- Have A Safe Weekend
- Concentrate on the task for the day and while you are completing them.
- Dust Control
- Heat Stress - Drink plenty of fluids.

Name Maule Stremcha  
Mark S. Allen  
Ken Hutton

Organization Olympus  
Olympus





OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Woods Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: ~~Olympus~~ Paula Stencha  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S (M) T W Th F S 7 / 12 / 93

Safety Issues Discussed:

walk for the water lines  
we will have a full time train  
Hard Hats & Safety Glasses  
Dust Control

Name: Paula Stencha  
map s out  
Ray A. Koster  
John W. Dolan

Organization: Olympus  
Olympus  
B. ENV.  
B. Environmental Inc.



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Woods Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Marla Stremcha  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S M T W Th F S 7 / 13 / 93

Safety Issues Discussed:

- Watch for trains while working along tracks
- Do not turn water on all the way + Break hoses
- Watch the water lines so they dont Break
- Dust Control
- Caution when working near Sheet Piling

Name	<u>Marla Stremcha</u>	Organization	<u>Olympus</u>
	<u>Ray Wilson</u>		<u>Olympus</u>

<u>Mark S. [Signature]</u>	<u>Olympus</u>
<u>[Signature]</u>	<u>Olympus</u>
<u>[Signature]</u>	<u>Olympus</u>
<u>[Signature]</u>	<u>Bulkyline Environmental, Inc.</u>
<u>[Signature]</u>	<u>Olympus</u>



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME woods

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Ray Wilson  
OEI

This Report was Delivered to: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Today's Date: S M T (W) Th F S 7 / 14 / 93

Safety Issues Discussed:

Slip, trip, Fall. Be careful Both on  
and around equipment. Be careful  
on top of sheet piling wall.  
If it gets hot, be aware of hazards  
associated with working in heat. Take  
breaks when necessary.

Name Ray Wilson  
John W. Delaney  
James M. Han  
Frank S. ...  
T. ...

Organization Olympus  
Buckeye Enviro  
Buckeye Environmental Inc  
OLYMPUS  
Olympus



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Woods Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Maia Stremcha  
OEI

This Report was Delivered to: file 934394

Today's Date: S M T W Th F S 7 / 15 / 93

Safety Issues Discussed:

- ~~Be~~ Be Cautious when working around the tracks
- watch for trains
- clean up the site before leaving site.

Name Maia Stremcha  
Ray Wilson  
100 M Boesaruco  
Mark Antz

Organization Olympus  
Olympus  
Olympus  
Olympus

L



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME WOODS INDUSTRIES

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Mark S. ALBERTS  
OEI

This Report was Delivered to: Olympus / BEI

Today's Date: S (M) T W Th F S 07 / 19 / 93

Safety Issues Discussed:

REMOVE TEMP. FENCE  
PREPARE FOR Level B ON TUES.  
DUST CONTROL  
LOOK AFTER ONE ANOTHER

Name Mark S. Alberts  
John W. Solar  
Macla Ferreira

Organization Olympus  
BEI  
Burlington Environmental, Inc.  
OLYMPUS  
Olympus



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Woods Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Ray Wilson  
OEI

This Report was Delivered to:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Today's Date: S M (T) W Th F S 7 / 20 / 93

Safety Issues Discussed:

Slip, Trip, Fall.  
Be careful on ground heavy equipment  
Level B when excavating Lead arsenate.  
Dust control is a must! Discussed H&S  
addendum for excavating PbAs.

Name Ray Wilson  
Mauro Stremcha  
Mark S. ...  
James M. ...  
Greg D. ...  
John W. ...

Organization Olympus  
Olympus  
Olympus  
BEI  
BEI  
OLYMPUS  
Burlington Enviro

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Ray Wilson

This Report Was Delivered to: \_\_\_\_\_

Today's Date: S M T (W) T F S 7, 21, 93

Safety Issues Discussed:

- Slip, Trip, Fall.
- Be careful on and around heavy equipment.
- Dust control.
- Be careful when hauling debris to landfill.

Name

Company

Name	Company
<u>Ray Wilson</u>	<u>Olympus</u>
<u>Carol Hayes</u>	<u>Ben Neungang</u>
<u>Mark S. Anderson</u>	<u>Olympus</u>
<u>Joseph B. ...</u>	<u>Olympus</u>
<u>James A. ...</u>	<u>Burlington Env. Inc.</u>
<u>John W. ...</u>	<u>Burlington Environmental Inc.</u>
<u>James M. ...</u>	<u>Burlington Environmental Inc.</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Ray Wilson

This Report Was Delivered to: \_\_\_\_\_

Today's Date: S M T W (T) F S 7, 22, 93

Safety Issues Discussed:

Slip, Trip, Fall. Level C in  
Exclusion zone.

be careful on and around heavy equipment.  
~~We~~ we need more dust control on  
haul road and stockpile when hauling  
dirt or moving equipment.

Name

Company

<u>Ray Wilson</u>	<u>Olympus</u>
<u>Mark Paul</u>	<u>OLYMPUS</u>
<u>Jim [unclear]</u>	<u>Burlington Environmental</u>
<u>Greg [unclear]</u>	<u>B. ENV. INC.</u>
<u>[unclear]</u>	<u>OLYMPUS</u>

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Ray Wilson

This Report Was Delivered to: \_\_\_\_\_

Today's Date: S M T W T (F) S 7, 23, 93

Safety Issues Discussed:

Slip, Trip, Fall. Level B when excavating  
Lead arsenate. Keep dust down.  
Be careful on and around heavy  
equipment.

Name

Company

<u>Ray Wilson</u>	<u>Olympus</u>
<u>Frank Kowal</u>	<u>Burlington Env.</u>
<u>Mark B. Allen</u>	<u>Olympus</u>
<u>James M. Allen</u>	<u>Burlington Environmental</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maria Stomcha

This Report Was Delivered to: F. 934394

Today's Date: (M) T W T F S 7, 26, 93

Safety Issues Discussed:

Be carefull around Heavy equipment  
Crisk with heat stress  
Pay attention  
Don't overload the trucks  
Change Cartridges at Break time in lead arsenic  
area

Name

Company

<u>Maria Stomcha</u>	<u>Olympus</u>
<u>James M. Allan</u>	<u>Basilco Environmental Inc.</u>
<u>Ray S. Smith</u>	<u>OLYMPUS</u>
<u>Ray S. Smith</u>	<u>S. Eden</u>
<u>Ray S. Smith</u>	<u>Olympus</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maula Stamba

This Report Was Delivered to: file 93-4394

Today's Date: S M T W T F S 7 / 27 / 93

Safety Issues Discussed:

Heat Stress.  
Watch out for Baking Equipment.  
Stay out of Contaminated load Area. area.  
Set up decon

Name	Company
<u>Maula Stamba</u>	<u>Olympus</u>
<u>John S. [unclear]</u>	<u>Olympus</u>
<u>James M. [unclear]</u>	<u>Burlington Environmental Inc</u>
<u>David D. [unclear]</u>	<u>"</u>
<u>Ray [unclear]</u>	<u>Olympus</u>
<u>Ed [unclear]</u>	<u>OLYMPUS</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Ray Wilson

This Report Was Delivered to: \_\_\_\_\_

Today's Date: S M T (W) T F S 7 / 28 / 93

Safety Issues Discussed:

Slip, Trip, Fall. Be careful on and  
around heavy equipment. Be aware  
of the hazards associated with working  
in heat. Be careful when hauling debris  
to landfill. Keep dust down.

Name

Company

<u>Ray Wilson</u>	<u>Olympus</u>
<u>[Signature]</u>	<u>Olympus</u>
<u>[Signature]</u>	<u>olympus</u>
<u>[Signature]</u>	<u>B. ERW</u>
<u>[Signature]</u>	<u>B.B.T.</u>



OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 92-4394

This Report Was Prepared By (OEI): Ray Wilson

This Report Was Delivered to: \_\_\_\_\_

Today's Date: S M T W T (F) S 7 1 30 1 93

Safety Issues Discussed:

Slip, Trip, Fall. Be careful on and  
around heavy equipment.

Level B for lead Arsenate.

Dust control must be maintained.

Be careful going home.

Name

Company

<u>Ray Wilson</u>	<u>Olympus</u>
<u>James M. Adam</u>	<u>OLYMPUS</u>
	<u>BET</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: WOODS TRAILWAY / YALUMA

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): MARK S. ALBERTS

This Report Was Delivered to: \_\_\_\_\_

Today's Date: S/M T W T F S RS 1 12 1993

Safety Issues Discussed:

VERY HOT DAY TODAY BE CAREFUL OR  
HEAT STRESS

USE DUST CONTROL

HAVE EYE CONTACT WHEN MOVING  
EQUIPMENT

Name

Company

Mark S. Alberts  
James M. [unclear]

OLYMPUS  
BET





OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maura Stremcha

This Report Was Delivered to: file 93-4394

Today's Date: S M T (W) T F S 8, 4, 93

Safety Issues Discussed:

Level B work with the lead  
Arsenate. Dust Control.  
Heat Stress - drink Plenty of Fluids.  
watch for Bucking trucks.  
Keep truck drivers in trucks

Name

Company

<u>Maura T. Stremcha</u>	<u>Olympus</u>
<u>Frank S. Smith</u>	<u>Olympus</u>
<u>Tommy M. [unclear]</u>	<u>Olympus</u>
<u>Roy [unclear]</u>	<u>Olympus</u>
<u>James M. [unclear]</u>	<u>Burlington Enviro.</u>
<u>Wendy M. [unclear]</u>	<u>Burlington Environmental</u>

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Ray Wilson

This Report Was Delivered to: \_\_\_\_\_

Today's Date: S M T W  F S 8 1 5 1 93

Safety Issues Discussed:

Slip, Trip, Fall. Be careful on and around heavy equipment. Modified Level D for Backfilling. Dust control. Keep truck drivers in their trucks.

Watch each other as everyone is tired. Beware of Heat Stress

Name

Company

<u>Ray Wilson</u>	<u>Olympus</u>
<u>Mark Alford</u>	<u>OLYMPUS</u>
<u>James Mc. Foley</u>	<u>Burlington Enviro</u>
<u>David M. Broton</u>	<u>Burlington Env.</u>
<u>Tommy Bessley</u>	<u>OLYMPUS</u>



OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: ~~93-4394~~ 93-4394

This Report Was Prepared By (OEI): Ray Wilson

This Report Was Delivered to: \_\_\_\_\_

Today's Date: S  M T W T F S 8, 9, 93

Safety Issues Discussed:

Slip, Trip, Fall. Be careful on and around heavy equipment.

Dust Control

Beware Heat Stress

Name

Company

<u>Ray Wilson</u>	<u>Olympus</u>
<u>John [unclear]</u>	<u>Chippewa</u>
<u>Mark [unclear]</u>	<u>Olympus</u>
<u>Mark S. [unclear]</u>	<u>Olympus</u>
<u>David [unclear]</u>	<u>Burlington</u>





OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME WOODS INDUSTRIES

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: MARK S ALBERTS  
OEI

This Report was Delivered to: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Today's Date: S M T W Th F S 08 / 11 / 93

Safety Issues Discussed:

- CAREFUL WHEN WALKING AROUND EQUIPMENT
- USE PROPER "DECON" PROCEDURES
- DRINK PLENTY OF FLUIDS, BATTLE HEAT STRESS
- USE DUST CONTROL

Name Mark S Alberts  
David Burt  
John M. Dwyer  
SEMA

Organization Olympus  
Burlington Env.  
olympus



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Woods

OLYMPUS PROJECT NO. 98 4394

This Report was Prepared by: Tom M Boerpfug  
OEI

This Report was Delivered to: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Today's Date: S M T W Th F S 8 / 12 / 93

Safety Issues Discussed:

Slip trip and fall  
Be careful on and around heavy equipment.  
Keep the deck clean  
Beware of heat stress.

Name Tom M Boerpfug Organization OEI  
Ward Bros BFI



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Wood's Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Maura Stremcha  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S (M) T W Th F S 8/23/93

Safety Issues Discussed:

- Arrived on site
- Derek Road Site Health + Safety Plan  
Site tour
- Dust Control if excavating.
- Watch for Heavy Equipment.
- Heat Stress.

Name John W. Dalton  
Maura Stremcha  
Derek Barnard

Organization Exh. Top Environmental  
Olympus  
Olympus





OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Woods Industries.

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Maula Stancha  
OET

This Report was Delivered to: File

Today's Date: S M T W Th F S 8 / 24 / 93

Safety Issues Discussed:

Stay 33 feet Clear of the Wood eater  
Bush cut, no  
Trip / Slip / Fall hazards.  
Hearing ~~E~~ protection

Name Maula Stancha  
Derek Bannard  
John W. Deben

Organization Olympus  
Olympus  
Buckington Environmental Inc.



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Wood Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Maula Stencha  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S M T W Th F S 8 / 26 / 93

Safety Issues Discussed:

- put Caution Tape Back up
- Watch for Heat Stress.
- Drink plenty of Quids.
- Watch for Slip, trip, + fall hazards.
- Dust Control

Name Maula Stencha Organization Olympus

Derek Barnard. Olympus



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Wood Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Marla Sanchez  
OEI

This Report was Delivered to: file 93-4394

Today's Date: S M T W Th (F) S 8 / 27 / 93

Safety Issues Discussed:

Stockpile - Slip trip & Fall Hazards.  
Lift properly Sandbags.  
Level D of PPE to put Sandbags.  
Be safe its a go home day.

Name Marla Sanchez Organization Olympus

Dick Bannard Olympus

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maule Stremcha

This Report Was Delivered to: file 93-4394

Today's Date: S (M) T W T F S 8, 30, 93

Safety Issues Discussed:

Heat Stress - Symptoms  
Drink lots of fluids  
Dust Control.  
Water  $\approx$  for Equipment + Trucks.  
Pay Attention

Name

Company

Maule Stremcha Olympus

Derek Barnard Olympus

John Dolan Buckhorn Environmental



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Wood Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Marla Stancha  
OEI

This Report was Delivered to: File 93-4394

Today's Date: S M T W Th F S 8 / 31 / 93

Safety Issues Discussed:

- Heat Stress.
- Heavy Equipment Watchout
- Dust Control
- Hearing Protection
- Slip/Trip Fall Hazard.

Name Marla Stancha Organization Olympus.

Dech Bunnell. Olympus.



OLYMPUS ENVIRONMENTAL, INC.  
DAILY SAFETY MEETING REPORT

PROJECT NAME Wick Industries

OLYMPUS PROJECT NO. 93-4394

This Report was Prepared by: Nacla Stanchina  
OEI

This Report was Delivered to: Site 93-4394

Today's Date: S M T (W) Th F S 9 / 1 / 93

Safety Issues Discussed:

Dust Control  
Heat Stress  
Watches for Trucks & Equipment  
Ear Plugs around Equipment  
Watch out for falling sand bags  
Stay out from under loads.

Name Nacla Stanchina

Organization Olympus

Paul Bunnell  
John W. Adams

Olympus  
Radington Environmental Inc.



OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Yakima

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Derek Barnard

This Report Was Delivered to: \_\_\_\_\_

Today's Date: S M T W  F S 9 1 9 1 93

Safety Issues Discussed:

Slip, Trip, Fall. Be careful around heavy equipment. Be aware of Heat stress. Watch footing on stock pile

Name

Company

Derek Barnard

Olympus

Ray Wilson

Olympus





OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maule Stranaha

This Report Was Delivered to: file 93-4394

Today's Date: S M T W T F S 9 13 93

Safety Issues Discussed:

Slip Trip + Fall Hazards on Stockpile  
Back Strain  
Heat Stress

Name

Company

Maule Stranaha

OEI

John Deane

Burlington Env.

Derek Bernard

OEI

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Woods Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maia Stanchea

This Report Was Delivered to: File 93-4394

Today's Date: S M (T) W T F S 9, 14, 93

Safety Issues Discussed:

Slip Trip Fall Hazards on Stockpile  
Backhoe on site  
Back Stress

Name

Company

Maia Stanchea

CEE

Derek Bush

ERT

OLYMPUS ENVIRONMENTAL, INC.

Daily Safety Meeting Report

Project Name: Wood Industries

Olympus Project No.: 93-4394

This Report Was Prepared By (OEI): Maria Stancheva

This Report Was Delivered to: File 93-4394

Today's Date: S M T W T F S 9, 15, 93

Safety Issues Discussed:

- On South Stockpile - Slip and Fall Hazards
- Slippery when Rained on.
- Watch out for Backhoe.

Name

Company

Maria Stancheva  
John W. Dalton

Olympus  
Washington Enviro

Donk Bannard

Olympus

APPENDIX C-7  
Standard Daily Logs

Standard Daily for Woods Industries Site  
Yakima , Washington  
Olympus Environmental, Inc.

Sunday  
3/28/93  
93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Field Supervisor - J. Binder	100/100/120	4 hours

***Rentals/ODC Items (10%)***

Airfare - John	Credit Card	\$296.00
----------------	-------------	----------

***Notes:***

John traveled to Portland today.

Standard Daily for Woods Industries Site  
Yakima , Washington  
Olympus Environmental, Inc.

Monday  
3/29/93  
93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	8 hours
Field Supervisor - J. Binder	100/100/120	8 hours
Environmental Tech - G. Melland	100/100/140	8 hours
<i>Equipment</i>		
Perdiem	300/100/001	3 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	450 miles
Level C PPE	400/100/002	3 people
Poly Tank - Olympus	400/200/044	1 day
<i>Rentals/ODC Items (10%)</i>		
Yakima Bindery	Credit Card	\$5.34
Machinery Co. <del>Excavator</del>	Account	\$20.00
City Transfer - Mobed Excavator	Account	?

**Notes:**

- Arrived on site today (John, Marla, Greg)
- BEI was on site (Mike Martin and sampling crew (2) from Seattle)
- Rolled up copper communication lines.
- Put office together.
- Excavator arrived on site and took window in for glass to be fixed.

Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Tuesday  
 3/30/93  
 93-4394

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	8 hours
Field Supervisor - J. Binder	100/100/120	8 hours
Environmental Tech - G. Melland	100/100/140	8 hours
Environmental Tech - J. Miltenberger	100/100/140	8 hours

### *Equipment*

Perdiem	300/100/001	3 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	250
Level C PPE	400/100/002	6 people
Poly Tank - Olympus	400/200/044	1 day
Excavator	200/300/002	8 hours

### *Rentals/ODC Items (10%)*

& M Trucking - dump truck	billed to office	1 month
Morton's Supply, Inc. (pipe)	Account	\$5.44
Integra Plastics, Inc. (20 mil PVC)	billed to Office	3 pieces
Les Schwab tires (bobcat tire)	Credit Card	\$14.50
Star Rental - Welder	Account	1 day
NC Machinery Co. - Cable	Account	\$33.28
Morton's Supply, Inc. - garden Hose	Account	\$18.94
Oxarc, Inc. - Cutting supplies	Account	?

### *Notes:*

- Made a sign in sheet for the project.
- Greg picked up welding supplies for blade for the excavator.
- Joe arrived from pile contractors to look at site.
- Crane arrived and pile driver.
- Greg took bobcat tire in to get repaired.
- Bob Kievit arrived on site for the day.
- 20 mil plastic arrived for the stockpile areas.
- Repaired decon pad.
- Dump truck arrived on site (Jeff drove it over from Seattle).



Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Wednesday  
 3/31/93  
 93-4394

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	8 hours
Field Supervisor - J. Binder	100/100/120	8 hours
Field Supervisor - D. Voeller	100/100/120	8 hours
Environmental Tech - G. Melland	100/100/140	8 hours
Environmental Tech - T. Boespflug	100/100/140	8 hours
Environmental Tech - T. Irvin	100/100/140	8 hours

### *Equipment*

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Pick-up (3/4 ton)	200/100/002	1 trucks
Mileage	200/200/001	500
Level C PPE	400/100/002	9 people
Bobcat	200/300/001	1 day
Poly Tank - Olympus	400/200/044	1 day
Excavator	200/300/002	8 hours
Loader - 3.5 yd	200/300/006-1	4 hours

### *Rentals/ODC Items (10%)*

L & M Trucking - dump truck	Account	1 month
Morton's Supply, Inc. (misc. parts)	Account	\$41.62
Morton's Supply, Inc. (bolt cutters)	Account	\$64.73
BURKE - Concrete sealant	Account	55 gallon drum
Star Rental - 100' drain auger	Account	1 day
Fencing & Auning - Gates	Account	1 day
Mob Loader 936E	Account	1 way
McGuire Lumber - Pointed wood laths	Account	?
Artificial ice and fuel - weight ticket	cash	\$1.00

### *Notes:*

There were 3 BEI employees that Olympus supplied PPE for today.  
 Loaded scrap metal and took to a metal recycler.  
 Bruce Sheppard was on site.  
 Began preparation of the southern stockpile area used loader.  
 Rolled up wire in the exclusion zone.  
 Located water lines on the property 12" main, 8" line and creek across the Akland property.  
 determined direction of the drain line in the northern foundation.  
 Todd B., Dale V. and Todd I. arrived on the site.  
 Bob Kievit left the site at 2:00pm

Standard Daily for Woods Industries Site  
Yakima , Washington  
Olympus Environmental, Inc.

Thursday  
4/1/93  
93-4394

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	8 hours
Field Supervisor - J. Binder	100/100/120	8 hours
Field Supervisor - D. Voeller	100/100/120	8 hours
Environmental Tech - G. Melland	100/100/140	8 hours
Environmental Tech - T. Boespflug	100/100/140	8 hours
Environmental Tech - T. Irvin	100/100/140	8 hours

### *Equipment*

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Pick-up (3/4 ton)	200/100/002	1 trucks
Mileage	200/200/001	100
Level C PPE	400/100/002	9 people
Bobcat	200/300/001	1 day
Poly Tank - Olympus	400/200/044	1 day
Excavator	200/300/002	8 hours
Loader - 936 E	200/300/006-1	8 hours

### *Rentals/ODC Items (10%)*

L & M Trucking - dump truck	Account	1 month
FEDEX - to Wally	Account	Letter
Central PreMix - Sand bags	Account	100 bags
Grainger - valves for air monitoring	Invoiced	\$79.10
Star Rental - 100' drain auger	Account	1 day

### *Notes:*

There were 3 BEI employees that Olympus supplied PPE for today.  
Loaded scrap metal and took to a metal recycler.  
Bruce Sheppard was on site.  
Began preparation of the southern stockpile area used loader.  
Rolled up wire in the exclusion zone.  
Located water lines on the property 12" main, 8" line and creek across the Akland property.  
determined direction of the drain line in the northern foundation.  
Todd B., Dale V. and Todd I. arrived on the site.  
Bob Kievit left the site at 2:00pm

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	11.5 hours
Field Supervisor - J. Binder	100/100/120	8 hours
Field Supervisor - D. Voeller	100/100/120	8 hours
Environmental Tech - G. Melland	100/100/140	8 hours
Environmental Tech - T. Boespflug	100/100/140	8 hours
Environmental Tech - T. Irvin	100/100/140	8 hours

### Overtime

Field Supervisor - J. Binder	100/200/120	1 hour
Field Supervisor - D. Voeller	100/200/120	2 hours
Environmental Tech - G. Melland	100/200/140	1 hour
Environmental Tech - T. Boespflug	100/200/140	3.5 hours
Environmental Tech - T. Irvin	100/200/140	3.5 hours

### Equipment

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Pick-up (3/4 ton)	200/100/002	1 trucks
Mileage	200/200/001	350
Level C PPE	400/100/002	11 people
Bobcat	200/300/001	1 day
Visquene - 6 mil	400/200/002	1 roll
Barrel Dolly	500/300/002	1 day
Barrel Liners	500/300/001	4 bags
Poly Tank - Olympus	400/200/044	1 day
Excavator	200/300/002	8 hours
Loader - 936 E	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
Les Schwab Tires - Bobcat tire	Credit card	\$37.77
Central PreMix - Concrete	Account	10 yards

### Notes:

- There were 3 BEI employees & 2 Pile contractors that Olympus supplied PPE for today.
- Fence was cut along railroad tracks and rolled up for future replacement.
- Precut and staging area was completed for pile driving equipment.
- Temperary fence was put up by railroad tracks.
- Some sheeting arrived and was unloaded by pile contractors.

loads of contaminated material was loaded and transported to southern staging area.  
Concrete was used to patch holes. excess was used to put on decon pad.

Standard Daily for Woods Industries Site  
Yakima , Washington  
Olympus Environmental, Inc.

Sunday  
4/4/93  
93-4394

## Over Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	3 hours
Environmental Tech - T. Boespflug	100/200/140	3 hours
Environmental Tech - M. Alberts	100/200/140	3 hours
 <i>Equipment</i>		
Perdiem	300/100/001	5 people
Pick-up (1/2 ton)	200/100/001	1 truck
Mileage	200/200/001	150

**Notes:**

Traveled to Yakima, Washington from Seattle.  
M. Stremcha, T. Boespflug, M. Alberts.

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	8.5 hours	
Field Supervisor - J. Binder	100/100/120	8 hours	total hours 16
Field Supervisor - D. Voeller	100/100/120	8 hours	
Environmental Tech - G. Melland	100/100/140	8 hours	total hours 24
Environmental Tech - T. Boespflug	100/100/140	8 hours	
Environmental Tech - M. Alberts	100/100/140	8 hours	

### Overtime

Field Supervisor - J. Binder	100/200/120	0.5 hour	total hours 2.5
Field Supervisor - D. Voeller	100/200/120	2 hour	
Environmental Tech - G. Melland	100/200/140	0.5 hour	total hours 1.5
Environmental Tech - T. Boespflug	100/200/140	0.5 hour	
Environmental Tech - M. Alberts	100/200/140	0.5 hour	

### Equipment

Per diem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Pick-up (3/4 ton)	200/100/002	1 trucks
Mileage	200/200/001	350
Level C PPE	400/100/002	11 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Visquene - 6 mil	400/200/002	1 roll
Barrel Pump	600/300/007	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose - 600 feet		1 day
Poly Tank - Olympus	400/200/044	1 day
Excavator	200/300/002	8 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
Star Rental - Generator	Account	1 day
Morton's Supply - Garden hose	Account	\$81.98
Morton's Supply - Garden hose	Account	\$45.30
Morton's Supply - hose adapters	Cash	\$3.00

**Notes:**

*2mk*

There were 8 BEI employees & 3 Pile contractors that Olympus supplied PPE for today.  
Began installing sheet piling 1 sheet was installed.  
Began cleaning basement for storage of contaminated soil - used steam cleaner  
Removed and stockpiled 20 loads of material from the lagoons (est 17 cy loads = 340 cy total)  
Some sheeting arrived and was unloaded by pile contractors.  
Used 4,802 gallons of water for dust control in the lagoons. There was a leak in the hose.  
Water from cleaning the basement was collected using a shop-vac and placed with the decon water.

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10 hours	
Field Supervisor - J. Binder	100/100/120	8	total hours 16
Field Supervisor - D. Voeller	100/100/120	8	
Environmental Tech - G. Melland	100/100/140	8	total hours 24
Environmental Tech - T. Boespflug	100/100/140	8	
Environmental Tech - M. Alberts	100/100/140	8	

### Overtime

Field Supervisor - J. Binder	100/200/120	2	total hours 5
Field Supervisor - D. Voeller	100/200/120	3	
Environmental Tech - G. Melland	100/200/140	2	total hours 6
Environmental Tech - T. Boespflug	100/200/140	2	
Environmental Tech - M. Alberts	100/200/140	2	

### Equipment

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Pick-up (3/4 ton)	200/100/002	1 truck
Mileage	200/200/001	100
Level C PPE	400/100/002	11 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Visquene - 6 mil	400/200/002	1 roll
Barrel Pump	600/300/007	1 day
Barrel Liners	500/300/001	2 bags
Poly Tank - Olympus	400/200/044	1 day
Excavator	200/300/002	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
Star Rental - Generator & sprayer	Account	1 day
Morton's Supply - Paint thinner	Account	\$4.00

### Notes:

There were 2 BEI employees & 3 Pile contractors that Olympus supplied PPE for today.  
 Sheet piling installation continued  
 Applied sealant to the building foundation to the north.



Removed and stockpiled 32 loads of material from the lagoons (est 13 cy loads 416 = cy total)  
Joe from Pile Contractors was in today. ~~≠~~

No water was used today.

Sealant was applied to the basements today.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Thursday  
 4/8/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	12
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - G. Melland	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - M. Alberts	100/100/140	8

total hours 16
total hours 24

### Overtime

Field Supervisor - J. Binder	100/200/120	4
Field Supervisor - D. Voeller	100/200/120	5
Environmental Tech - G. Melland	100/200/140	4
Environmental Tech - T. Boespflug	100/200/140	4
Environmental Tech - M. Alberts	100/200/140	4

total hours 9
total hours 12

### Equipment

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Pick-up (3/4 ton)	200/100/002	1 truck
Mileage	200/200/001	100
Level C PPE	400/100/002	11 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Poly Tank - Olympus	400/200/044	1 day
Excavator 220	200/300/002	12 hours
Excavator 320	200/300/002	4 hours
Loader	200/300/006-1	12 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
Star Rental - generator & sprayer returned	Account	1 day
Rhine Equipment - Excavator Mob 320	to office	?
Eagle - plumbing supplies	Credit card	\$87.87

### Notes:

There were 2 BEI employees & 3 Pile contractors that Olympus supplied PPE for today.  
 sheet piling installation continued.  
 Raked sand road.

Removed and stockpiled 24 loads of material from the lagoons (est 15 cy loads 360 = cy total)  
No water was used today.

Broke creek line by the lagoons area and repaired it.

Mobilized second excavator to the site.

+ 50 yd<sup>3</sup> from E3 area

### Straight Time

**Personnel**

	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	8
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - G. Melland	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - M. Alberts	100/100/140	8

total hours 16
total hours 24

**Equipment**

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Pick-up (3/4 ton)	200/100/002	1 truck
Mileage	200/200/001	400
Level C PPE	400/100/002	10 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Poly Tank - Olympus	400/200/044	1 day
Excavator 220	200/300/002	8 hours
Excavator 320	200/300/002	4 hours
Loader	200/300/006-1	4 hours

**Rentals/ODC Items (10%)**

L & M Trucking - dump truck	Account	1 month
Pile Contractors - sheet piling	Invoice	100 feet
Montgomery Irrigation - Plumbing parts	Credit Card	\$32.32
McGuire - Visquene	Account	do not bill

**Notes:**

There were 1 BEI employee & 3 Pile contractors that Olympus supplied PPE for today. Sheet piling installation continued. All sheets were in and began driving to the ground. Secured site for the weekend.  
 Removed and stockpiled 15 loads of material from the lagoons (est 15 cy loads 225 = cy total)  
 No water was used today.

Standard Daily for Woods Industries Site  
Yakima , Washington  
Olympus Environmental, Inc.

Sunday  
4/11/93  
93-4394

### Over Time

#### Personnel

	Code	Hours or # of Units
Project Engineer - M. Stremcha	100/100/070	3 hours
Environmental Tech - T. Boespflug	100/200/140	3 hours
Environmental Tech - M. Alberts	100/200/140	3 hours

#### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	300

*airline ticket (john)* →

*\$ 348<sup>00</sup>*

#### Notes:

Traveled to Yakima, Washington.  
M. Stremcha, T. Boespflug, M. Alberts.

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	8
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - G. Melland	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - M. Alberts	100/100/140	8

total hours 16
total hours 24

**Equipment**

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Pick-up (3/4 ton)	200/100/002	1 truck
Mileage	200/200/001	50
Level C PPE	400/100/002	10 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Poly Tank - Olympus	400/200/044	1 day
Excavator 220	200/300/002	8 hours
Excavator 320	200/300/002	8 hours
Loader	200/300/006-1	8 hours

**Rentals/ODC Items (10%)**

L & M Trucking - dump truck	Account	1 month
Pile Contractors - sheet piling	Invoice	100 feet
Federal Express - to Larry	Account	?
Oxarc - oxygen for cutting	Account	?

**Notes:**

There were 1 BEI employee & 3 Pile contractors that Olympus supplied PPE for today.  
 Piling contractors drove remaining piling and began decontaminating equipment.  
 Removed and stockpiled 10 loads of material from the lagoons (est 15 cy loads 150 = cy total)  
 No water was used today.  
 Picked up John at the airport today.

### Straight Time

Personnel	Code	Hours or # of Units
Project Engineer - M. Stremcha	100/100/070	8
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - G. Melland	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - M. Alberts	100/100/140	8

total hours 16
total hours 24

### Overtime

Environmental Tech - G. Melland	100/200/140	4
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### Equipment

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Pick-up (3/4 ton)	200/100/002	1 truck
Mileage	200/200/001	75
Level C PPE	400/100/002	11 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Poly Tank - Olympus	400/200/044	1 day
Excavator 220	200/300/002	8 hours
Excavator 320	200/300/002	12 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
Pile Contractors - sheet piling	Invoice	100 feet
Northwest Transport - fuel tank delivered	billed to office	\$90.00
Morton's Supply - test clip	Account	\$2.32

### Notes:

There was 2 BEI employee & 3 Pile contractors that Olympus supplied PPE for today.  
 Removed and stockpiled in the north basement 15 cubic yards of soil from the piling area.  
 Removed and stockpiled in the north basement 45 cubic yards of soil from under the concrete pad area. This is out of scope work.  
 Measured piling and were short by 6 feet and more piling was installed on the north end.  
 Piling contractor worked until 7:30 pm to complete the project and so did Greg.  
 The sand loading road was removed and stockpiled on the west side of the office.  
 total of 80 cubic yards of sand was removed.

### Straight Time

Personnel	Code	Hours or # of Units
Project Engineer - M. Stremcha	100/100/070	8.5
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - G. Melland	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - M. Alberts	100/100/140	8
Environmental Tech - J. Danbrook	100/100/140	4

total hours	16
total hours	28

### Overtime

Field Supervisor - J. Binder	100/200/120	0.5
Field Supervisor - D. Voeller	100/200/120	0.5
Environmental Tech - G. Melland	100/200/140	0.5
Environmental Tech - T. Boespflug	100/200/140	0.5
Environmental Tech - M. Alberts	100/200/140	0.5

total hours	1
total hours	1.5

### Equipment

Perdiem		
Pick-up (1/2 ton)	300/100/001	7 people
Mileage	200/100/001	2 trucks
Level C PPE	200/200/001	50
Bobcat	400/100/002	11 people
Steam cleaner	200/300/001	1 day
Barrel Liners	600/100/109	1 day
Poly Tank - Olympus	500/300/001	2 bags
Excavator 220	400/200/044	1 day
Excavator 320	200/300/002	8 hours
Loader	200/300/002	8 hours
	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
Pile Contractors - sheet piling	Invoice	100 feet
Ken Leingang - Dump truck	Invoice	1 day
Airfare - J. Danbrook	Account	\$439.00

### Notes:

There was 2 BEI employee & 3 Pile contractors that Olympus supplied PPE for today.  
 Removed 330 cubic yards of soil from the piling area (22 truck loads).  
 Removed 143 cubic yards of soil from the lagoon area ( 11 truck loads).  
 Pile contractors decontaminated equipment and demobilized.



Bob Kievit was on site today along with David Eagleton.  
Don Leingang supplied a dump truck for the day. No driver.  
J. Danbrook traveled to the site today.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Thursday  
 4/15/93  
 93-4394

### Straight Time

**Personnel**

*From 4-6-93*

Personnel	Code	Hours or # of Units
<del>Program Manager</del> - W. Simon	100/100/020	8 hrs
Project Engineer - M. Stremcha	100/100/070	8
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - G. Melland	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - M. Alberts	100/100/140	8
Environmental Tech - J. Danbrook	100/100/140	8

total hours	16
total hours	32

**Equipment**

Perdiem	300/100/001	6 People
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	50
Level C PPE	400/100/002	9 people
Bobcat	200/300/001	1 day
Team cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Poly Tank - Olympus	400/200/044	1 day
Fire hose	600/400/004	600 feet
Visquene - 6 mil	400/200/002	6 rolls
Excavator 220	200/300/002	8 hours
Excavator 320	200/300/002-1	8 hours
Loader	200/300/006-1	8 hours

**Rentals/ODC Items (10%)**

L & M Trucking - dump truck	Account	1 month
Federal Express	Account	

**Notes:**

There was 2 BEI employees that Olympus supplied PPE for today.  
 Removed 495 cubic yards of soil from the piling area (33 truck loads).  
 Ordered second dump truck for the site.  
 Safety PPE was delivered to the site today.

*778 gallons H<sub>2</sub>O used in piling area + lagoons*

### Straight Time

Personnel	Code	Hours or # of Units
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - G. Melland	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - M. Alberts	100/100/140	8
Environmental Tech - J. Danbrook	100/100/140	8

total hours
16
total hours
32

### Overtime

Field Supervisor - J. Binder	100/200/120	2
Environmental Tech - G. Melland	100/200/140	2
Environmental Tech - T. Boespflug	100/200/140	2
Environmental Tech - M. Alberts	100/200/140	2
Environmental Tech - J. Danbrook	100/200/140	2

### Equipment

Per diem	300/100/001	6 People
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	50
Level C PPE	400/100/002	9 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Poly Tank - Olympus	400/200/044	1 day
Fire hose	600/400/004	600 feet
Excavator 220	200/300/002	8 hours
Excavator 320	200/300/002	8 hours
Loader	200/300/006-1	8 hours
Dump truck	200/100/011	2 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
McGuire Lumber - lumber	Account	\$78.56

### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 Removed 10 loads from the lagoon (150 cubic yards) and 15 loads (225 cubic yards) from the piling area.

10 yard dump truck was picked up at 3:00 p.m.

58 gallons in pile and lagoon areas

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Saturday  
 4/17/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - G. Melland	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - M. Alberts	100/100/140	8

total hours	16
total hours	24

### Overtime

Field Supervisor - J. Binder	100/200/120	1
Environmental Tech- J. Danbrook	100/200/140	9

### Equipment

Perdiem	300/100/001	6 People
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	50
Level C PPE	400/100/002	10
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	600 feet
Poly Tank - Olympus	400/200/044	1 day
Excavator 220	200/300/002	8 hours
Excavator 320	200/300/002	8 hours
Loader	200/300/006-1	8 hours
Dump truck	200/100/011	8 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
Film & Developing	Credit Card	\$33.33

### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 Removed 17 loads (255 cubic yards) from the lagoon area. Also removed 30-10 yard loads and 3-15 yard loads from the french drain area(345 cubic yards).  
 It was discovered that the last 4 feet of sheet piling was improperly installed.

*1054 gallons used in piling and lagoon areas*

Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Sunday  
 4/18/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - G. Melland	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - M. Alberts	100/100/140	8

total hours	16
total hours	24

### Overtime

Environmental Tech- J. Danbrook	100/200/140	8
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### Equipment

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	50
Level C PPE	400/100/002	7 people
Bobcat	200/300/001	1 day
Barrel Liners	500/300/001	2 bags
Fire hose	600/400/004	600 feet
Poly Tank - Olympus	400/200/044	1 day
Excavator 220	200/300/002	8 hours
Excavator 320	200/300/002	8 hours
Loader	200/300/006-1	8 hours
Dump truck	200/100/011	8 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
NC Machinery - Hydraulic hose	Account	\$25.00
Eagle Hard. Post and Rope	Credit card	\$22.82
Wajax - adapters for hose	Credit card	\$42.95

### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 Prepared north stockpile area for liner.  
 220 Yutani broke down @10:30 am .  
 There were problems gusty winds and equipment today which hindered production.  
 Finished excavating southern most basement today.

Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Monday  
 4/19/93  
 93-4394

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	5
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - G. Melland	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - M. Alberts	100/100/140	8

total hours 16
total hours 24

### *Equipment*

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	200
Level C PPE	400/100/002	7 people
Bobcat	200/300/001	1 day
Barrel Liners	500/300/001	2 bags
Water hose	600/400/004	600 feet
Water Tank - Olympus	400/200/044	1 day
Excavator 320	200/300/002	8 hours
Loader	200/300/006-1	8 hours
Dump truck	200/100/011	8 hours

### *Rentals/ODC Items (10%)*

L & M Trucking - dump truck	Account	1 month
Budget - car rental	Credit card	in the mail

### *Notes:*

There were 2 BEI employees that Olympus supplied PPE for today.  
 19 truck loads of soil removed from the piling area (285 cubic yards).  
 763 gallons of water used today for dust control.  
 Maria worked in the office and traveled to Yakima today.

### Straight Time

Personnel	Code	Hours or # of Units
Program Manager	100/100/020	4
Project Engineer - M. Stremcha	100/100/070	9
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - G. Melland	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - M. Alberts	100/100/140	8

total hours	16
total hours	24

### Overtime

Field Supervisor - J. Binder	100/100/120	1
Field Supervisor - D. Voeller	100/100/120	1
Environmental Tech - G. Melland	100/100/140	1
Environmental Tech - T. Boespflug	100/100/140	1
Environmental Tech - M. Alberts	100/100/140	1

total hours	2
total hours	3

### Equipment

Perdiem	300/100/001	7 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	50
Level C PPE	400/100/002	10 people
Bobcat	200/300/001	1 day
Barrel Liners	500/300/001	2 bags
Fire hose	600/400/004	600 feet
Steam Cleaner	600/100/109	1 day
Poly Tank - Olympus	400/200/044	1 day
Excavator 320	200/300/002	8 hours
Loader	200/300/006-1	8 hours
Dump truck	200/100/011	8 hours
Backhoe	200/300/003	4 hours
Mob Backhoe	200/500/001	1 way

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
Gearjammer truck plaza - scale tickets	cash	\$10.00

### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 12 yd truck loads and 19 - 15 yd truck loads (477 cy) of soil removed from the piling area.  
 gallons of water used today for dust control.

2 truck loads of debris went to arlington today 49.395 tons total.

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Program Manager - L. McGill	100/100/020	12
Project Engineer - M. Stremcha	100/100/070	10.5
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - G. Melland	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - M. Alberts	100/100/140	8

total hours 16
total hours 24

## Overtime

Field Supervisor - J. Binder	100/100/120	2.5
Field Supervisor - D. Voeller	100/100/120	2.5
Environmental Tech - G. Melland	100/100/140	2.5
Environmental Tech - T. Boespflug	100/100/140	2.5
Environmental Tech - M. Alberts	100/100/140	2.5

total hours 5
total hours 7.5

### *Equipment*

Per diem	300/100/001	7 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	50
Level C PPE	400/100/002	10 people
Bobcat	200/300/001	1 day
Barrel Liners	500/300/001	2 bags
Fire hose	600/400/004	600 feet
Visquene - 6 mil	400/200/002	4 rolls
Steam Cleaner	600/100/109	1 day
Poly Tank - Olympus	400/200/044	1 day
Excavator 320	200/300/002	8 hours
Loader	200/300/006-1	8 hours
Dump truck	200/100/011	8 hours
Backhoe	200/300/003	4 hours
Demob Backhoe	200/500/001	1 way

### *Rentals/ODC Items (10%)*

L & M Trucking - dump truck	Account	1 month
Gearjammer truck plaza - scale tickets	cash	\$10.00
Airfare - L. McGill	Account	\$204.00
Star Rental - Level	Account	?
Ernst - tools	Credit Card	\$155.94
Central Pre mix - Sand bags	Account	\$140.00



**Notes:**

There were 2 BEI employees that Olympus supplied PPE for today.

17 - 12yd truck loads and 18 - 15 yd truck loads (474 cy) of soil removed from the piling area.

695 gallons of water used today for dust control.

L. McGill was on site today.

Sprinkler system was set up.

2 truck loads of concrete went to Arlington today (35.26 tons).

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Program Manager - L. McGill	100/100/020	2
Project Engineer - M. Stremcha	100/100/070	11.5

## Overtime

Field Supervisor - J. Binder	100/100/120	9.5	total hours 19
Field Supervisor - D. Voeller	100/100/120	9.5	
Environmental Tech - G. Melland	100/100/140	9.5	total hours 28.5
Environmental Tech - T. Boespflug	100/100/140	9.5	
Environmental Tech - M. Alberts	100/100/140	9.5	

### *Equipment*

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	50
Level C PPE	400/100/002	7 people
Bobcat	200/300/001	1 day
Barrel Liners	500/300/001	2 bags
Fire hose	600/400/004	600 feet
Visquene - 6 mil	400/200/002	2 rolls
Steam Cleaner	600/100/109	1 day
Poly Tank - Olympus	400/200/044	1 day
Excavator 320	200/300/002	8 hours
Loader	200/300/006-1	8 hours
Dump truck	200/100/011	8 hours

### *Rentals/ODC Items (10%)*

L & M Trucking - dump truck	Account	1 month
Gearjammer truck plaza - scale tickets	cash	\$12.00

### **Notes:**

There was 1 BEI employee that Olympus supplied PPE for today.  
 5.5 - 12yd truck loads removed from the lagoon area (66 cy).  
 1 - 15 yd truck loads (15 cy) of soil removed from the piling area.  
 486 gallons of water used today for dust control.  
 2 loads of concrete were transported to Arlington today (37.74 tons)  
 Concrete was from Woods building No. 2 foundation.

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	8

## Overtime

Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - G. Melland	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - M. Alberts	100/100/140	8

total hours 16
total hours 24

### *Equipment*

Perdiem	300/100/001	5 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	350
Level C PPE	400/100/002	6 people
Bobcat	200/300/001	1 day
Barrel Liners	500/300/001	2 bags
Fire hose	600/400/004	600 feet
Visquene - 6 mil	400/200/002	2 rolls
Steam Cleaner	600/100/109	1 day
Poly Tank - Olympus	400/200/044	1 day
Excavator 320	200/300/002	4 hours
Loader	200/300/006-1	4 hours
Dump truck	200/100/011	4 hours

### *Rentals/ODC Items (10%)*

L & M Trucking - dump truck	Account	1 month
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### *Notes:*

There was 1 BEI employee that Olympus supplied PPE for today.  
 5 - 15 cyd loads and 4 - 12 cyd loads were removed from the northern area today  
 a total of 123 cubic yards total.  
 90 gallons of water was used for dust control.  
 2 loads of concrete were transported to Arlington today ( total 34.13 tons).  
 Concrete was from Woods building No. 2 foundation.  
 Employees traveled home today.

Standard Daily for Woods Industries Site  
Yakima, Washington  
Olympus Environmental, Inc.

Sunday  
4/25/93  
93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Manager - M. Stremcha	100/100/070	3

### Overtime

Field Supervisor - J. Binder	100/200/120	6	total hours 9
Field Supervisor - D. Voeller	100/200/120	3	
Environmental Tech - T. Boespflug	100/200/140	3	total hours 9
Environmental Tech - M. Alberts	100/200/140	3	
Environmental Tech - R. Wilson	100/200/140	3	

### Equipment

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	350

### Notes:

Traveled to Yakima, Washington

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Monday  
 4/26/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units	
Program Manager - L. McGill ✓	100/100/020 ✓	6	
Project Engineer - M. Stremcha ✓	100/100/070 ✓	10	
Field Supervisor - J. Binder ✓	100/100/120 ✓	8	
Field Supervisor - D. Voeller	100/100/120	8	
Environmental Tech - R. Wilson	100/100/140	8	
Environmental Tech - G. Melland	100/100/140	8	
Environmental Tech - T. Boespflug	100/100/140	8	
Environmental Tech - M. Alberts	100/100/140	8	
			total hours 16
			total hours 32

### Overtime

Field Supervisor - J. Binder	100/200/120	2	
Field Supervisor - D. Voeller	100/200/120	2	
Environmental Tech - R. Wilson	100/200/140	2	
Environmental Tech - G. Melland	100/200/140	2	
Environmental Tech - T. Boespflug	100/200/140	2	
Environmental Tech - M. Alberts	100/200/140	2	
			total hours 4
			total hours 8

### Equipment

Perdiem	300/100/001	8 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Level C PPE	400/100/002	16 people
Bobcat	200/300/001	1 day
Radios - For month of April	?	6 radios
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Excavator 320	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
Pile Contractors - sheet piling	Invoice	150 feet
Airfare - J. Binder	?	\$105.00
Gearjammer - Scale Ticket	Cash	\$10.00
Action Express - Delivery (Rice)	Invoiced	?

Prezant - Rick Gleason  
Morton Supply  
Smith Tractor - Grading Blade  
Oxarc - Gas

Invoiced	\$237.50
Account	\$15.27
Account	\$156.04
Account	?

**Notes:**

There were 4 BEI employees & 3 Pile contractors that Olympus supplied PPE for today.  
Bruce Sheppard and Larry McGill arrived on site at 2:30 pm.  
Removed and stockpiled 27 - 12 cyd loads and 6 - 15 cyd loads of material  
from the north area (414 cyd total)  
1264 gallons of water used today  
Piling contractors arrived on site today and prepared the crane and equipment for work.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Tuesday  
 4/27/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units
Program Manager - L. McGill	100/100/020	12
Project Engineer - M. Stremcha	100/100/070	12
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - R. Wilson	100/100/140	8
Environmental Tech - G. Melland	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - M. Alberts	100/100/140	8

total hours	16
total hours	32

### Overtime

Field Supervisor - J. Binder	100/100/120	4
Field Supervisor - D. Voeller	100/100/120	4
Environmental Tech - R. Wilson	100/100/140	4
Environmental Tech - G. Melland	100/100/140	4
Environmental Tech - T. Boespflug	100/100/140	4
Environmental Tech - M. Alberts	100/100/140	4

total hours	8
total hours	16

### Equipment

Perdiem	300/100/001	8 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Level C PPE	400/100/002	16 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	12 hours
Excavator 325	200/300/002-1	12 hours
Excavator 320	200/300/002-1	12 hours
Loader	200/300/006-1	12 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
Pile Contractors - sheet piling	Invoice	150 feet
Montgomery Irrigation - Sprinkler system	Credit Card	\$4.90
Montgomery Irrigation - Sprinkler system	Ck 3494	\$578.47
L.S. Fencing - temporary fence	Invoiced	\$400.00
Central Premix - Sand Bags	Account	?

Morton's Supply - Hose fittings	Account	\$24.35
Morton's Supply - Hose fittings	Account	\$19.47
Cascade Fire Equipment - Hose fittings	Cash	\$49.63

**Notes:**

There were 4 BEI employees & 3 Pile contractors that Olympus supplied PPE for today.  
 Bruce Sheppard and Larry McGill were on site.  
 Removed and stockpiled 23 - 12 cyd loads and 11 - 15 cyd loads of material  
 from the north area and approximately 30 cyds from the french drain and  
 approximately 170 cubic yards from the loading dock (total 641 cubic yards).  
 1167 gallons of water used today  
 Piling contractors drove piling today.  
 Dust control system was prepared today.  
 Bob Klevit arrived on site today.  
 Dug test pits today.



Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Wednesday  
 4/28/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units	
Program Manager - L. McGill	100/100/020	10	
Project Engineer - M. Stremcha	100/100/070	12	
Field Supervisor - J. Binder	100/100/120	8	total hours 16
Field Supervisor - D. Voeller	100/100/120	8	
Environmental Tech - R. Wilson	100/100/140	8	total hours 32
Environmental Tech - G. Melland	100/100/140	8	
Environmental Tech - T. Boespflug	100/100/140	8	
Environmental Tech - M. Alberts	100/100/140	8	
		8	

### Overtime

Field Supervisor - J. Binder	100/100/120	4	total hours 8
Field Supervisor - D. Voeller	100/100/120	4	
Environmental Tech - R. Wilson	100/100/140	4	total hours 16
Environmental Tech - G. Melland	100/100/140	4	
Environmental Tech - T. Boespflug	100/100/140	4	
Environmental Tech - M. Alberts	100/100/140	4	

### Equipment

Perdiem	300/100/001	7 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Level C PPE	400/100/002	17 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Visquene - 6 mil	400/200/002	2 rolls
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Mob Backhoe	200/500/001	1 way
Backhoe	200/300/003	3 hours
Dump Truck	200/100/011	12 hours
Excavator 325	200/300/002-1	12 hours
Excavator 320	200/300/002-1	12 hours
Loader	200/300/006-1	12 hours

### Rentals/ODC Items (10%)

& M Trucking - dump truck	Account	1 month
Contractors - sheet piling	Invoice	150 feet
Morton's Supply - used pipe	Account	\$27.45

Eagle - Outlet covers and irrigation parts  
Airfare - L. McGill

Credit Card	\$100.22
Account	\$204.00

**Notes:**

There were 5 BEI employees & 3 Pile contractors that Olympus supplied PPE for today.  
Bruce Sheppard and Larry McGill were on site and left.  
Removed and stockpiled approximately 375 cubic yards of material from the loading dock.  
~~1167~~ gallons of water used today. **2977**  
Piling contractors drove piling today.  
Dust control system was used today and completed.  
Bob Kievit left the site today.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Thursday  
 4/29/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units	
Program Manager - L. McGill	100/100/020	3	
Project Engineer - M. Stremcha	100/100/070	12	
Field Supervisor - J. Binder	100/100/120	8	total hours 16
Field Supervisor - D. Voeller	100/100/120	8	
Environmental Tech - R. Wilson	100/100/140	8	total hours 32
Environmental Tech - G. Melland	100/100/140	8	
Environmental Tech - T. Boespflug	100/100/140	8	
Environmental Tech - M. Alberts	100/100/140	8	

### Overtime

Field Supervisor - J. Binder	100/100/120	4	total hours 8
Field Supervisor - D. Voeller	100/100/120	4	
Environmental Tech - R. Wilson	100/100/140	4	total hours 16
Environmental Tech - G. Melland	100/100/140	4	
Environmental Tech - T. Boespflug	100/100/140	4	
Environmental Tech - M. Alberts	100/100/140	4	

### Equipment

Perdiem	300/100/001	7 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Level C PPE	400/100/002	13 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Visquene - 6 mil (40 X 100)	?	1 rolls
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Backhoe	200/300/003	12 hours
Dump Truck	200/100/011	12 hours
Excavator 325	200/300/002-1	12 hours
Excavator 320	200/300/002-1	12 hours
Loader	200/300/006-1	12 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
Pile Contractors - sheet piling	Invoice	150 feet
Yakima Coop - Fuel	Credit Card	\$16.25
Eagle Hardware	Credit Card	\$149.94

orse Supply - Viking  
Photo Haus - photos  
Culligan Bottled water

billed to office	7
credit card	\$50.52
billed to office	\$50.52

**Notes:**

There were 4 BEI employees & 3 Pile contractors that Olympus supplied PPE for today.  
Removed and stockpiled 15 - 15 yd and 10 - 12 yd truck loads of material from the pad area.  
80 cubic yards of colored material (hot stuff) was stockpiled on the southern area today.  
1810 gallons of water used today.  
Piling contractors drove piling today.

(345 gal)

Photo Haus - film development

credit Card

\$17.78

**Notes:**

There were 3 BEI employees & 3 Pile contractors that Olympus supplied PPE for today.  
Removed and stockpiled 24 - 15 yd and 25 - 12 yd truck loads of material from the pad area.  
A total of 680 cubic yards of soil stockpiled in the northern area today.  
2568 gallons of water used today.  
Piling contractors drove piling today.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Saturday  
 5/1/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units
Project Engineer - M. Stremcha	100/100/070	10

### Overtime

Field Supervisor - J. Binder	100/200/120	10
Field Supervisor - D. Voeller	100/200/120	10
Environmental Tech - R. Wilson	100/200/140	10
Environmental Tech - G. Melland	100/200/140	10
Environmental Tech - T. Boespflug	100/200/140	10
Environmental Tech - M. Alberts	100/200/140	10

total hours	20
total hours	40

### Equipment

Perdiem	300/100/001	7 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Level C PPE	400/100/002	10 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Excavator 320	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
Pile Contractors - sheet piling	Invoice	240 feet

### Notes:

There was 1 BEI employee & 3 Pile contractors that Olympus supplied PPE for today.  
 Removed and stockpiled 26 - 15 yd and 26 - 12 yd truck loads of material from the pad area.  
 A total of 702 cubic yards of soil stockpiled in the northern area today.  
 1002 gallons of water used today.  
 Piling contractors drove piling today.

Cathy this is  
 A Re-do

mts

**Notes:**

There were 2 BEI employees & 3 Pile contractors that Olympus supplied PPE for today.  
Removed and stockpiled 36 - 15 yd truck loads of material.  
A total of 540 cubic yards of soil stockpiled in the northern area today.  
119 gallons of water used today.  
Piling contractors drove piling today.  
Larry McGill arrived on site today.  
Tom Peterson traveled to the site today from Montana.  
Ray Wilson traveled to the site today. Greg Melland left the site after work today.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Tuesday  
 5/4/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Program Manager - L. McGill	100/100/020	11
Project Engineer - M. Stremcha	100/100/070	11
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - R. Wilson	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - M. Alberts	100/100/140	8
Environmental Tech - T. Peterson	100/100/140	8

total hours	16
total hours	32

### Overtime

Field Supervisor - J. Binder	100/200/120	3
Field Supervisor - D. Voeller	100/200/120	3
Environmental Tech - R. Wilson	100/200/140	3
Environmental Tech - T. Boespflug	100/200/140	3
Environmental Tech - M. Alberts	100/200/140	3
Environmental Tech - T. Peterson	100/200/140	3

total hours	6
total hours	12

### Equipment

Perdiem	300/100/001	8 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Level C PPE	400/100/002	13 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Mob Backhoe	200/500/001	1 way
Backhoe	200/300/003	9 hours
Dump Truck	200/100/011	11 hours
Excavator 325	200/300/002-1	11 hours
Excavator 320	200/300/002-1	11 hours
Loader	200/300/006-1	11 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
Pile Contractors - sheet piling	Invoice	240 feet
Photo Hous - film development	credit Card	\$49.16
Photo Hous - film development	credit Card	\$42.16



Mortons Supply - Chain	Account	\$32.95
Mortons Supply - Sprinkler system Parts	Account	\$14.83
Mortons Supply - Sprinkler system Parts	Account	\$7.76
Morse Industrial - 10 mil plastic & Viking	Account	?
Eagle Hardware - misc. equipment	Account	\$42.11
L.S. Fencing - Rental Fence	Billed to Office	\$322.80
Berndt's - Pressure regulator	Credit Card	\$10.78
Buchanan - Scale tickets (2)	Cash	\$8.00
Federal Express	Account	To Renton

**Notes:**

There were 2 BEI employees & 3 Pile contractors that Olympus supplied PPE for today.  
 Removed and stockpiled 15 - 15 yd truck loads of material. Lagoons  
 A total of 225 cubic yards of soil stockpiled in the ~~northern~~ <sup>southern</sup> area today.  
 1675 gallons of water used today.  
 Piling contractors completed piling today.  
 Larry McGill was on site today.  
 12 inch water line was cut About 5 pm outside the exclusion zone.  
 A soil sample was collected and tested prior to cutting the water line in the excavation.

### Straight Time

Personnel	Code	Hours or # of Units	
Project Engineer - M. Stremcha	100/100/070	12	
Field Supervisor - J. Binder	100/100/120	8	total hours 16
Field Supervisor - D. Voeller	100/100/120	8	
Environmental Tech - R. Wilson	100/100/140	8	total hours 32
Environmental Tech - T. Boespflug	100/100/140	8	
Environmental Tech - M. Alberts	100/100/140	8	
Environmental Tech - T. Peterson	100/100/140	8	

### Overtime

Field Supervisor - J. Binder	100/200/120	4	total hours 8
Field Supervisor - D. Voeller	100/200/120	4	
Environmental Tech - R. Wilson	100/200/140	4	total hours 16
Environmental Tech - T. Boespflug	100/200/140	4	
Environmental Tech - M. Alberts	100/200/140	4	
Environmental Tech - T. Peterson	100/200/140	4	

### Equipment

Perdiem	300/100/001	7 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Level C PPE	400/100/002	11 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Demob backhoe	200/500/001	1 way
Backhoe	200/300/003	10 hours
Dump Truck	200/100/011	12 hours
Excavator 325	200/300/002-1	12 hours
Excavator 320	200/300/002-1	12 hours
Loader	200/300/006-1	12 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
Pile Contractors - sheet piling	Invoice	240 feet
Photo Hous - film development	credit Card	<del>139.97</del> 253.25
Hardware - repair to office	credit Card	\$32.34
Yakima Coop - Greese	Credit Card	\$9.70

Montgomery Irrigation	Credit Card	\$20.52
Star Rental- Trash Pump	Account	1 day
Star Rental - Cut-off Saw	Account	1 day

**Notes:**

There was 1 BEI employee & 3 Pile contractors that Olympus supplied PPE for today.  
Removed and stockpiled 18 - 15-yd truck loads of material from the southern area.  
Removed and stockpiled 13 - 12 yd and 10 - 15 yd loads from the northern area today.  
A total of 270 cyds in the southern area and 306 in the northern area.  
3470 gallons of water used today.  
Piling contractors decontaminated their equipment and demobed today.  
Ken Leingang crew capped the 12 inch water line outside the exclusion zone to the south.

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	12
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - R. Wilson	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - M. Alberts	100/100/140	8
Environmental Tech - T. Peterson	100/100/140	8

total hours	16
total hours	32

### Overtime

Field Supervisor - J. Binder	100/200/120	4
Field Supervisor - D. Voeller	100/200/120	4
Environmental Tech - R. Wilson	100/200/140	4
Environmental Tech - T. Boespflug	100/200/140	4
Environmental Tech - M. Alberts	100/200/140	4
Environmental Tech - T. Peterson	100/200/140	4

total hours	8
total hours	16

### Equipment

Perdiem	300/100/001	7 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Level C PPE	400/100/002	9 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	12 hours
Excavator 325	200/300/002-1	12 hours
Excavator 320	200/300/002-1	12 hours
Loader	200/300/006-1	12 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
Photo Hous - film development	credit Card	\$33.89
Ernst	credit Card	\$32.34
L.S. Fencing	billed to Office	\$200.00
Fed Ex	Account	2 letters
Montgomery Irrigation	Credit Card	\$41.37

tes:

There was 2 BEI employee & 3 Pile contractors that Olympus supplied PPE for today.  
Removed and stockpiled 22 - 10 yd and 19 - 13 yd truck loads of material in the southern area.  
Removed and stockpiled 1- 10 yd and 21 - 13 yd loads from the northern area today.  
A total of 467 cyds in the southern area and 283 in the northern area.  
1683 gallons of water used today.  
Broke drain line on southern area and repaired again.  
Mike Martin arrived on site today.  
Bob Kievit left the site today.  
Began excavating by the water line and sheet piling.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Friday  
 5/7/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units
Project Engineer - M. Stremcha	100/100/070	12
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - R. Wilson	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - T. Peterson	100/100/140	8

total hours	16
total hours	24

### Overtime

Field Supervisor - J. Binder	100/200/120	4
Field Supervisor - D. Voeller	100/200/120	4
Environmental Tech - R. Wilson	100/200/140	4
Environmental Tech - T. Boespflug	100/200/140	4
Environmental Tech - T. Peterson	100/200/140	4

total hours	8
total hours	12

### Equipment

Per diem	300/100/001	7 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Level C PPE	400/100/002	9 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	12 hours
Excavator 325	200/300/002-1	12 hours
Excavator 320	200/300/002-1	12 hours
Loader	200/300/006-1	12 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
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### Notes:

There was 2 BEI employees that Olympus supplied PPE for today.  
 Removed and stockpiled 12 - 10 yd and 15 - 13 yd truck loads of material in the northern area.  
 A total of 315 cyds stockpiled in the southern area today.  
 Ran out of space to stockpile the material.  
 Ordered drop boxes from Dart Transport.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Saturday  
 5/8/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	8

### Overtime

Field Supervisor - J. Binder	100/200/120	8
Field Supervisor - D. Voeller	100/200/120	8
Environmental Tech - R. Wilson	100/200/140	8
Environmental Tech - T. Boespflug	100/200/140	8
Environmental Tech - T. Peterson	100/200/140	8

total hours
16
24

### Equipment

Perdiem	300/100/001	7 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	500
Level C PPE	400/100/002	6 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	4 hours
Excavator 325	200/300/002-1	4 hours
Excavator 320	200/300/002-1	4 hours
Loader	200/300/006-1	4 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
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### Notes:

There was 2 BEI employees that Olympus supplied PPE for today.  
 Moved 1 load of material that was stockpiled on Forney St. to the southern stockpile.  
 Repaired monitoring well protector.  
 Consolidated fence materials and plastic that was around the site.  
 Worked 1/2 day then traveled home.  
 Yutani excavator was picked up at 3:00 pm on Saturday afternoon.

Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Monday  
 5/10/93  
 93-4394

## Straight Time

**Personnel**

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	10
Field Supervisor - D. Voeller	100/100/120	10
Environmental Tech - R. Wilson	100/100/140	11
Environmental Tech - T. Boespflug	100/100/140	10

10
<b>total hours</b>
21

**Equipment**

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	350 miles
Level C PPE	400/100/002	5 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Demobilized Excavator	?	1 way
Excavator 320	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

**Rentals/ODC Items (10%)**

L & M Trucking - dump truck	Account	1 month
Yakima Bindery	Credit Card	\$13.89
NC Machinery Co. - Chokers	Account	\$32.24
NC Machinery Co. - Mobed Roller	Account	to site
NC Machinery Co. - Mobed Dozer	Account	to site
NC Machinery Co. - Roller	Account	1 month
NC Machinery Co. - Dozer	Account	1 month

**Notes:**

There was 1 BEI employee that Olympus supplied PPE for today.  
 Repaired well protector.  
 Consolidated stockpiles of debris clean and contaminated.  
 Roller and dozer was delivered by carrell Crane.  
 Picked up chokers .



Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Tuesday  
 5/11/93  
 93-4394

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	11
Corp. Health and Safety - S. Patterson	100/100/070	8
Field Supervisor - D. Voeller	100/100/120	11
Environmental Tech - R. Wilson	100/100/140	11
Environmental Tech - T. Boespflug	100/100/140	11
Environmental Tech - M. Alberts	100/100/140	15

11
<b>total hours</b>
37

### *Equipment*

Perdiem	300/100/001	5 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	200 miles
Level C PPE	400/100/002	7 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Visquene - 10 mil (20X100)	400/200/003	2 rolls
Visquene - 6 mil (20 X 100)	400/200/002	3 rolls
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	11 hours
Excavator 320	200/300/002-1	11 hours
Loader	200/300/006-1	11 hours

### *Rentals/ODC Items (10%)*

L & M Trucking - dump truck	Account	1 month
Airfare - S. Patterson	Account	\$204.00
NC Machinery Co. - Roller	Account	1 month
NC Machinery Co. - Dozer	Account	1 month

### *Notes:*

There was 1 BEI employee that Olympus supplied PPE for today.  
 Four Roll-offs arrived on site at 7. 30 am on 2 flat bed trucks.  
 They were off loaded using the tracked excavator.  
 Stacy Patterson was on site to conduct a site safety audit.  
 The 4 roll-offs were double lined using the liner that came with the boxes and a 10 mil liner.

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Program Manager - L. McGill	100/100/020	4
Project Engineer - M. Stremcha	100/100/070	12
Field Supervisor - D. Voeller	100/100/120	12
Environmental Tech - R. Wilson	100/100/140	12
Environmental Tech - T. Boespflug	100/100/140	12
Environmental Tech - M. Alberts	100/100/140	12

12
total hours
36

### *Equipment*

Perdiem	300/100/001	5 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	50 miles
Level C PPE	400/100/002	6 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Squene - 10 mil (20X100)	400/200/003	1 rolls
Squene - 6 mil (20 X 100)	400/200/002	3 rolls
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	12 hours
Excavator 320	200/300/002-1	12 hours
Loader	200/300/006-1	12 hours

### *Rentals/ODC Items (10%)*

L & M Trucking - dump truck	Account	1 month
Integra Plastics	Billed to Office	\$4,000.00
McGuire Lumber - Poly Tarp	Account	\$20.00

### *Notes:*

There was 1 BEI employee that Olympus supplied PPE for today.  
 one Roll-off arrived on site at 9:00 am on a flat bed truck.  
 It was off loaded using the tracked excavator.  
 Loaded and stockpiled 6 - 13 yd and 4 - 10 yd loads of soil from the 1 foot cut area.  
 The material was stockpiled in the southern area (total of 118 cubic yards).  
 The cover for the Northern stockpile arrived today.

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	10
Field Supervisor - D. Voeller	100/100/120	4
Environmental Tech - R. Wilson	100/100/140	6
Environmental Tech - T. Boespflug	100/100/140	7
Environmental Tech - M. Alberts	100/100/140	5

4
total hours
18

### Overtime

Environmental Tech - R. Wilson	100/200/140	4
Environmental Tech - T. Boespflug	100/200/140	3
Environmental Tech - M. Alberts	100/200/140	5

total hours
12

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	500 miles
Level C PPE	400/100/002	5 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	12 hours
Excavator 320	200/300/002-1	12 hours
Loader	200/300/006-1	12 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
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### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
 The north stockpile was covered and secured today using a 10 mil cover 200' X 200'.  
 The cover was put on using personnel, a loader and the excavator.  
 Sandbags were used to secure the cover.  
 Personnel traveled home for the weekend.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Monday  
 5/17/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	11
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech -M. Ablerts	100/100/140	8
Environmental Tech - R. Wilson	100/100/140	8
Environmental Tech - T. Boespflug	100/100/140	8

16
<b>total hours</b>
16

### Overtime

Field Supervisor - J. Binder	100/200/120	3
Field Supervisor - D. Voeller	100/200/120	3
Environmental Tech -M. Ablerts	100/200/140	4
Environmental Tech - R. Wilson	100/200/140	4
Environmental Tech - T. Boespflug	100/200/140	3

6
<b>total hours</b>
7

### Equipment

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	650
Level C PPE	400/100/002	8 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Visquene - 6 mil (40 X 100)	400/200/002W	2 rolls
Visquene - 6 mil (20 X 100)	400/200/002	2 rolls
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Excavator 320	200/300/002-1	8 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
NC Machinery Co. - Roller	May	1 month
NC Machinery Co. - Dozer	May	1 month
Airfare - J. Binder	Account	\$302.00
Photo House - film developing	Account	\$62.95
TedEx - To Auburn	Account	1

**Notes:**

There was 2 BEI employees that Olympus supplied PPE for today.

Olympus Employees traveled to the site today.

Continued excavating the 1 foot cut.

Picked up John at the airport.

Excavated 2-13 yard loads and 9 - 10 yard loads of soil from the north 1 foot cut area.

A total of 116 cubic yards of soil was excavated from the north area and stockpiled in the south stockpile.

Ordered PPE from Rice Safety.

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - J. Binder	100/100/120	8	
Field Supervisor - D. Voeller	100/100/120	8	16
Environmental Tech -M. Ablerts	100/100/140	8	total hours
Environmental Tech - R. Wilson	100/100/140	8	16
Environmental Tech - T. Boespflug	100/100/140	8	

### Overtime

Field Supervisor - J. Binder	100/200/120	2	
Field Supervisor - D. Voeller	100/200/120	2	4
Environmental Tech -M. Ablerts	100/200/140	2	total hours
Environmental Tech - R. Wilson	100/200/140	2	4
Environmental Tech - T. Boespflug	100/200/140	2	

### Equipment

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Level C PPE	400/100/002	7 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Visquene - 6 mil (20 X 100)	400/200/002	2 rolls
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
NC Machinery Co. - Roller	May	1 month
NC Machinery Co. - Dozer	May	1 month
Eagle Hardware - Fans for office	Credit Card	\$49.43
Mortons Supply - Rope for tarp	Account	\$189.36

**Notes:**

There was 1 BEI employee that Olympus supplied PPE for today.

Took down the concrete vault today that contained contaminated soil.

1 - 10 yd and 6 - 13 yd loads of soil was removed from the vault (88 total yards)

10 - 10 yd and 10 - 13 yd loads of soil was removed from the north area (230 total yards)

6 - 10 yd loads of soil was removed from the lagoon area. (60 total yards).

A total of 378 cubic yards of soil was stockpiled in the southern stockpile area today.

Ordered Chem. Waste trucks for Wednesday morning.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Wednesday  
 5/19/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units	
Project Engineer - M. Stremcha	100/100/070	12	
Field Supervisor - J. Binder	100/100/120	8	
Field Supervisor - D. Voeller	100/100/120	8	16
Environmental Tech - M. Ablerts	100/100/140	8	total hours
Environmental Tech - R. Wilson	100/100/140	8	16
Environmental Tech - T. Boespflug	100/100/140	8	

### Overtime

Field Supervisor - J. Binder	100/200/120	2	
Field Supervisor - D. Voeller	100/200/120	2	4
Environmental Tech - M. Ablerts	100/200/140	2	total hours
Environmental Tech - R. Wilson	100/200/140	4	6
Environmental Tech - T. Boespflug	100/200/140	2	

### Equipment

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Level C PPE	400/100/002	7 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	12 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
NC Machinery Co. - Roller	May	1 month
NC Machinery Co. - Dozer	May	1 month
Central Pre-mix - (Rock for road)	Account	?
Star Rental- Chain Saw	Account	\$33.36
Eagle Hardware - Duct tape & Batteries	Credit Card	\$20.19
Gearjammer - Scale tickets	Cash	\$17.00
Culligan Water - Drinking water	Account	\$25.90



**Notes:**

There was 1 BEI employee that Olympus supplied PPE for today.

Two Chem Waste Management trucks arrived at 6:00am and were loaded with debris.

A total of 4 truck loads of waste was transported to Arlington today (total 45.85 tons).  
excavation continued in the lagoons. 16 - 14 yard loads was removed (224 total cubic yards)

The North cover was secured better.

The metal drums from the french drain were collected and stockpiled.

Ray and Marla stayed until 6:30 pm to load CWM trucks.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Thursday  
 5/20/93  
 93-4394

## Straight Time

**Personnel**

	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	11	
Field Supervisor - J. Binder	100/100/120	8	
Field Supervisor - D. Voeller	100/100/120	8	16
Environmental Tech -M. Ablerts	100/100/140	8	total hours
Environmental Tech - R. Wilson	100/100/140	8	
Environmental Tech - T. Boespflug	100/100/140	8	24

## Overtime

Field Supervisor - J. Binder	100/200/120	3	
Field Supervisor - D. Voeller	100/200/120	3	6
Environmental Tech -M. Ablerts	100/200/140	3	total hours
Environmental Tech - R. Wilson	100/200/140	3	
Environmental Tech - T. Boespflug	100/200/140	3	9

**Equipment**

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Level C PPE	400/100/002	8 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	11 hours
Excavator 325	200/300/002-1	11 hours
Loader	200/300/006-1	11 hours

**Rentals/ODC Items (10%)**

L & M Trucking - dump truck	Account	1 month
NC Machinery Co. - Roller	May	1 month
NC Machinery Co. - Dozer	May	1 month
Eagle Hardware	Credit Card	\$40.86
Photo Haus	Account	\$9.30
Airfare - L. McGill	Account	\$204.00

**Notes:**

There were 2 BEI employees that Olympus supplied PPE for today.  
 Larry McGill was on site today arrived at 4:30 pm.

Excavation continued in the lagoons. 4 - 14 yard loads were removed (56 total cubic yards)  
Excavation in the north area resumed today 12 - 10 yd loads and 19 - 13 yd loads (367 total yards)  
The north stockpile was secured better today with rope.  
Removed french drain drums from the west side of the north stockpile to an area in the south.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Friday  
 5/21/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units	
Project Engineer - M. Stremcha	100/100/070	4	
Field Supervisor - J. Binder	100/100/120	8	
Field Supervisor - D. Voeller	100/100/120	8	
Environmental Tech - M. Ablerts	100/100/140	8	
Environmental Tech - R. Wilson	100/100/140	8	
Environmental Tech - T. Boespflug	100/100/140	8	
			16
			total hours
			24

### Overtime

Field Supervisor - J. Binder	100/200/120	2	
Field Supervisor - D. Voeller	100/200/120	2	
Environmental Tech - M. Ablerts	100/200/140	2	
Environmental Tech - R. Wilson	100/200/140	2	
Environmental Tech - T. Boespflug	100/200/140	2	
			4
			total hours
			6

### Equipment

Perdiem	300/100/001	5 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Level C PPE	400/100/002	7 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
NC Machinery Co. - Roller	May	1 month
NC Machinery Co. - Dozer	May	1 month
Central Pre-mix - (Sand for bags)	Account	?
McGuire lumber (Stakes for pile)	Account	\$150.52
Gearjammer truck plaza (Scale ticket)	Cash	\$4.00

### Notes:

There were 2 BEI employee that Olympus supplied PPE for today.  
 One CWM truck arrived at 6:00am and was loaded with debris. (8.7 tons total)

Wood stakes were picked up to secure the north stockpile.

Sand and sandbags were picked up to be filled for the north stockpile.

16 - 11 yd loads and 16 - 14 yd loads were removed from the north area.

A total of 400 cubic yards was stockpiled on the south stockpile today;

Merla worked in the office for 4 hours.

Larry left the site in the afternoon.

Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Saturday  
 5/22/93  
 93-4394

## Overtime

Field Supervisor - J. Binder	100/200/120	8	16
Field Supervisor - D. Voeller	100/200/120	8	
Environmental Tech -M. Ahlerts	100/200/140	8	total hours 24
Environmental Tech - R. Wilson	100/200/140	8	
Environmental Tech - T. Boespflug	100/200/140	8	

### Equipment

Perdiem	300/100/001	5 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	250
Level C PPE	400/100/002	7 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Excavator 325	200/300/002-1	8 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	Account	1 month
NC Machinery Co. - Roller	May	1 month
NC Machinery Co. - Dozer	May	1 month

### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 Excavation continued in the north area. 10 - 14 yd loads and 7 - 11 yd loads.  
 Total of 217 yds stockpiled in the south stockpile.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Monday  
 5/24/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units
Project Engineer - M. Stremcha	100/100/070	10
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	10
Environmental Tech - M. Ablerts	100/100/140	10
Environmental Tech - R. Wilson	100/100/140	10
Environmental Tech - T. Boespflug	100/100/140	8
Field Tech - ADD TEMP	100/100/150	8
Field Tech - ADD TEMP	100/100/150	8

18
total hours
28
16

### Overtime

Field Supervisor - J. Binder	100/200/120	2
Field Supervisor - T. Peterson	100/200/120	1
Environmental Tech - T. Boespflug	100/200/140	2

total hours
3
2

### Equipment

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Level C PPE	400/100/002	8 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Visquene - 6 mil 20X100	400/200/002	1 roll
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Excavator 229 - (nc)	200/300/002-1	2 hours
Loader	200/300/006-1	10 hours
Mob Excavator - 229	200/500/005	1 way

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	May	1 month
NC Machinery Co. - Roller	May	1 month
NC Machinery Co. - Dozer	Account	?
FedEx - To Seattle	Billed to office	?
tegra Plastics	Billed to office	?

Notes:

There were 2 BEI employees that Olympus supplied PPE for today:  
Bruce Sheppard arrived on site and conducted a visit.  
A 20 mil liner arrived to spread to the south of the southern stockpile if needed.  
Two ADD temps showed up today to fill sand bags.  
25-10 yd loads and 19 - 13 yd loads were removed from the north area.  
A total of 497 cubic yards was stockpiled on the south stockpile today;  
It was decided to begin backfilling the area by the sheet piling today.  
A second excavator was ordered today and arrived on site at 3:00pm.



Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Tuesday  
 5/25/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	total hours 26
Field Supervisor - J. Binder	100/100/120	8	
Field Supervisor - T. Peterson	100/100/120	8	total hours
Field Supervisor - D. Voeller	100/100/120	10	
Environmental Tech - M. Ablerts	100/100/140	10	39
Environmental Tech - R. Wilson	100/100/140	10	
Environmental Tech - T. Boespflug	100/100/140	8	14.5
Environmental Tech - Herb	100/100/140	8	
Environmental Tech - T. Irvin	100/100/140	1.5	
Environmental Tech - J. Miltenburger	100/100/140	1.5	
Field Tech - ADD TEMP	100/100/150	8	
Field Tech - ADD TEMP	100/100/150	6.5	

### Overtime

Field Supervisor - J. Binder	100/200/120	2	total hours 5
Field Supervisor - T. Peterson	100/200/120	3	
Environmental Tech - T. Boespflug	100/200/140	5	5

### Equipment

Perdiem	300/100/001	7 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	500
Level C PPE	400/100/002	9 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Excavator 229 - (nc)	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	May	1 month
NC Machinery Co. - Roller	May	1 month
Machinery Co. - Dozer	Account	?
ADD Temp Help - 2 people	Billed to office	30.5 hours
Central Pre Mix - Pit Run	Billed to office	511.21 tons

Ken Leingang - dump truck

Billed to office

11 hours

**Notes:**

There were 2 BEI employees that Olympus supplied PPE for today.  
Began backfilling by the sheet wall today a total of 511.21 tons of pit run was brought in.  
One Add temp showed up to fill sand bags had to call and get another.  
20-10 yd loads and 55 - 13 yd loads were removed from the north area and lagoons.  
A total of 915 cubic yards was stockpiled on the south stockpile today;  
Fuel was delivered to the site today.  
Herb arrived on site today.  
Jeff and Todd arrived on site today and worked for 1.5 hours.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Wednesday  
 5/26/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units
Project Engineer - M. Stremcha	100/100/070	11
Field Supervisor - J. Binder	100/100/120	8
Field Supervisor - T. Peterson	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	11
Environmental Tech - M. Alberts	100/100/140	11
Environmental Tech - Herb	100/100/140	8
Environmental Tech - R. Wilson	100/100/140	11

total hours
27
total hours
30

### Overtime

Field Supervisor - J. Binder	100/200/120	6.5
Field Supervisor - T. Peterson	100/200/120	3
Environmental Tech - Herb	100/200/140	2
Environmental Tech - T. Irvin	100/200/140	1.5
Environmental Tech - J. Miltenburger	100/200/140	1.5

total hours
5

### Equipment

Perdiem		
Pick-up (1/2 ton)	300/100/001	7 people
Mileage	200/100/001	3 trucks
Level C PPE	200/200/001	500
Bobcat	400/100/002	11 people
Steam cleaner	200/300/001	1 day
Barrel Liners	600/100/109	1 day
Fire Hose	500/300/001	2 bags
Poly Tank - Olympus	600/400/004	700 feet
Dump Truck	400/200/044	1 day
Excavator 325	200/100/011	11 hours
Excavator 229 - (nc)	200/300/002-1	11 hours
Loader	200/300/002-1	11 hours
	200/300/006-1	11 hours

### Rentals/ODC Items (10%)

L & M Trucking - dump truck	May	1 month
NC Machinery Co. - Roller	May	1 month
NC Machinery Co. - Dozer	Account	?
Central Pre Mix - Pit Run	Billed to office	510.58 tons
Ken Leingang - Dump truck	Billed to office	?

### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.

Backfilled by the sheet wall today a total of 510.58 tons of pit run was brought in.  
Hauled sand bags to the top of the stockpile today.  
26 - 12 yd loads and 20 - 14 yd loads were removed from the north area and lagoons.  
A total of 592 cubic yards was stockpiled on the south stockpile today;  
Ken Leingang dump truck was on site today.  
Bob Kievit arrived on site today.  
Put up temporary fence that fell down.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Thursday  
 5/27/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units
Project Engineer - M. Stremcha	100/100/070	15
Field Supervisor - T. Peterson	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	9
Environmental Tech - M. Alberts	100/100/140	9
Environmental Tech - Herb	100/100/140	8
Environmental Tech - R. Wilson	100/100/140	9

total hours	17
total hours	26

### Overtime

Field Supervisor - T. Peterson	100/200/120	7
Field Supervisor - D. Voeller	100/200/120	6
Environmental Tech - M. Alberts	100/200/140	8
Environmental Tech - R. Wilson	100/200/140	6
Environmental Tech - Herb	100/200/140	4

total hours	13
total hours	16

### Equipment

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	700
Level C PPE	400/100/002	7 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Excavator 229 - (nc)	200/300/002-1	5 hours
Demob Excavator 229 - (nc)	200/500/005	1 way
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	May	1 month
NC Machinery Co. - Roller	May	1 month
Demobed roller by NC	billed to office	1 way
NC Machinery Co. - Dozer	May	?
Central Pre Mix - Pit Run	Billed to office	166.87 tons
Cascade fire Equipment	Check # 3581	\$59.78

**Notes:**

There was 1 BEI employee that Olympus supplied PPE for today.  
Backfilled by the sheet wall today a total of 166.87 tons of pit run was brought in.  
Secured North stockpile with sand bags and stakes every 10 feet.  
12 - 12 yd loads and 11 - 14 yd loads were removed from the north area.  
A total of 298 cubic yards was stockpiled on the south stockpile today;  
Picked up an air filter for the 325 excavator today.  
Bob Kievit left the site today.  
Secured the temporary fence with rope and fence posts in the south area.  
The tarps were put back on the two roll-offs that were not filled.  
The entire site was secured for the weekend.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Tuesday  
 6/1/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units	
Project Engineer - M. Stremcna	100/100/070	11	
Field Supervisor - D. McPherson	100/100/120	8	total hours 16
Field Supervisor - D. Voeller	100/100/120	8	
Environmental Tech -M. Alberts	100/100/140	8	total hours 24
Environmental Tech -T. Boespflug	100/100/140	8	
Environmental Tech - R. Wilson	100/100/140	8	

### Overtime

Field Supervisor - D. McPherson	100/200/120	3	total hours 7
Field Supervisor - D. Voeller	100/200/120	4	
Environmental Tech -M. Alberts	100/200/140	4	total hours 17
Environmental Tech -T. Boespflug	100/200/140	6	
Environmental Tech - R. Wilson	100/200/140	7	

### Equipment

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	700
Level C PPE	400/100/002	8 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	May	1 month
NC Machinery Co. - Dozer	May	?
Eagle - water line repairs	credit card	\$6.20
Photo Haus - Pictures	account	\$13.38

### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 Excavated in the north end and west of the office building.  
 Olympus Employees traveled to Yakima Sunday and Monday.  
 16 - 12 yard and 12 - 14 yd loads of soil was excavated and stockpiled in the south stockpile.

A total of 360 cubic yards was stockpiled on the south stockpile today;  
Elevations were taken of the rail road ties, clean backfill by piling, water level, and dirty soil by piling.  
WCRC was told they could use their main line again.



Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Wednesday  
 6/2/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - D. McPherson	100/100/120	8	total hours 16
Field Supervisor - D. Voeller	100/100/120	8	
Environmental Tech - M. Alberts	100/100/140	8	total hours 24
Environmental Tech - T. Boespflug	100/100/140	8	
Environmental Tech - R. Wilson	100/100/140	8	

### Overtime

Field Supervisor - D. McPherson	100/200/120	2	total hours 4
Field Supervisor - D. Voeller	100/200/120	2	
Environmental Tech - M. Alberts	100/200/140	2	total hours 6
Environmental Tech - T. Boespflug	100/200/140	2	
Environmental Tech - R. Wilson	100/200/140	2	

### Equipment

Per diem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Level C PPE	400/100/002	8 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	May	1 month
NC Machinery Co. - Dozer	May	?

### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 Excavated in the north end and west of the office building.

11 - 12 yard and 11 - 14 yd loads of soil was excavated and stockpiled in the south stockpile.

A total of 286 cubic yards was stockpiled on the south stockpile today;

A hole was punctured in the bottom of the ford truck fuel tank. The fuel was transfered to 55 gallon drums  
 Larry McGill was on site for the day.

### Straight Time

Personnel	Code	Hours or # of Units	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - D. McPherson	100/100/120	8	total hours 16
Field Supervisor - D. Voeller	100/100/120	8	
Environmental Tech -M. Alberts	100/100/140	8	total hours 24
Environmental Tech -T. Boespflug	100/100/140	8	
Environmental Tech - R. Wilson	100/100/140	8	

### Overtime

Field Supervisor - D. McPherson	100/200/120	2	total hours 4
Field Supervisor - D. Voeller	100/200/120	2	
Environmental Tech -M. Alberts	100/200/140	2	total hours 6
Environmental Tech -T. Boespflug	100/200/140	2	
Environmental Tech - R. Wilson	100/200/140	2	

### Equipment

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Level C PPE	400/100/002	8 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	0 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	May	1 month
NC Machinery Co. - Dozer	May	?
Dozer Demobilization	May	1 way

### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 Excavated in the north end and South lagoons and west of the office building.  
 14 - 12 yard and 27 - 14 yd loads of soil was excavated and stockpiled in the south stockpile.  
 total of 546 cubic yards was stockpiled on the south stockpile today;  
 Ford dump truck was taken in to have the fuel tank repaired.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Friday  
 6/4/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	12	
Field Supervisor - D. McPherson	100/100/120	8	total hours 16
Field Supervisor - D. Voeller	100/100/120	8	
Environmental Tech -M. Alberts	100/100/140	8	total hours
Environmental Tech -T. Boespflug	100/100/140	8	
Environmental Tech - R. Wilson	100/100/140	8	24

### Overtime

Field Supervisor - D. McPherson	100/200/120	4	total hours 8
Field Supervisor - D. Voeller	100/200/120	4	
Environmental Tech -M. Alberts	100/200/140	4	total hours
Environmental Tech -T. Boespflug	100/200/140	4	
Environmental Tech - R. Wilson	100/200/140	4	12

### Equipment

Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	650 miles
Level C PPE	400/100/002	9 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	6 hours
Excavator 325	200/300/002-1	6 hours
Loader	200/300/006-1	6 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	May	1 month
Airfare - J. Binder	Account	\$302.00
Oxarc - Oxygen and Acetylene	Account	?
Montgomery Irrigation - drain line	Account	\$218.17

### Notes:

There were 3 BEI employees that Olympus supplied PPE for today.  
 Excavated in the North end and South lagoons and west of the office building.  
 5 - 14 yd loads of soil was excavated and stockpiled in the south stockpile.  
 A total of 77 cubic yards was stockpiled on the south stockpile today;

Ford dump truck was picked up in the morning the tank was repaired.

Personnel traveled home for the weekend.

Fencing and Awning was out to prepare fencing bid.

Alvie Maxie was out from Water Dept.

Began rerouting the drain line on the south end of the property.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Monday  
 6/7/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - D. Voeller	100/100/120	8	8
Environmental Tech -T. Boespflug	100/100/140	8	16
Environmental Tech - R. Wilson	100/100/140	8	

### Overtime

Field Supervisor - D. Voeller	100/200/120	2	2
Environmental Tech -T. Boespflug	100/200/140	2	total hours 5
Environmental Tech - R. Wilson	100/200/140	3	

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	500
Level C PPE	400/100/002	6 people
Level and tripod	?	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	6 hours
Excavator 325	200/300/002-1	6 hours
Loader	200/300/006-1	6 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	May	1 month
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### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 Excavated in the North end today.  
 3 - 14 yd loads of soil was excavated and stockpiled in the south stockpile.  
 A total of 42 cubic yards was stockpiled on the south stockpile today;  
 The drain line that cuts across the south end of the property was detoured out of the way.  
 L & M Fencing was out to prepare fencing bid.  
 The water lines on the north end of the property were located again and marked.

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - D. Voeller	100/100/120	8	8
Environmental Tech -T. Boespflug	100/100/140	8	16
Environmental Tech - R. Wilson	100/100/140	8	

### Overtime

Field Supervisor - D. Voeller	100/200/120	2	2
Environmental Tech -T. Boespflug	100/200/140	2	total hours 4
Environmental Tech - R. Wilson	100/200/140	2	

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Level C PPE	400/100/002	6 people
Level and tripod	?	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	2 bags
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	May	1 month
FedEx - to Dianne	Account	1 way

### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 Excavated in the north area and the south lagoons.  
 23 - 12 yd loads of soil was excavated and stockpiled in the south stockpile.  
 A total of 276 cubic yards was stockpiled on the south stockpile today;  
 The Peterbuilt dump truck was deconed today.  
 A test pit was dug by Hansens property line.

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	10
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech - T. Boespflug	100/100/140	8
Environmental Tech - M. Alberts	100/100/140	8
Environmental Tech - R. Wilson	100/100/140	8

8
24

### Overtime

Field Supervisor - D. Voeller	100/200/120	2
Environmental Tech - T. Boespflug	100/200/140	5
Environmental Tech - M. Alberts	100/200/140	2
Environmental Tech - R. Wilson	100/200/140	2

2
total hours
9

### Equipment

Per diem	300/100/001	5 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	200
Cutting torch	?	3 days
Level C PPE	400/100/002	7 people
Level and tripod	?	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	May	1 month
Gear Jammer - Mud flaps	Credit Card	\$23.62

### Notes:

- There were 2 BEI employees that Olympus supplied PPE for today.
- Excavated in the south lagoons - this was the only location sample results were completed.
- 2 - 12 yd loads of soil was excavated and stockpiled in the south stockpile.
- A total of 24 cubic yards was stockpiled on the south stockpile today;
- The water pipe was decontaminated and staged in the parking area.
- North stockpile was secured and fence was put back up that blew down.
- Sheet piling was cut that was outside in the parking area.

Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Thursday  
 6/10/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Program Manager - L. McGill	100/100/020	10	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - D. Voeller	100/100/120	8	8
Environmental Tech -M. Alberts	100/100/140	8	16
Environmental Tech - R. Wilson	100/100/140	8	

### Overtime

Field Supervisor - D. Voeller	100/200/120	2	2
Environmental Tech -M. Alberts	100/200/140	2	4
Environmental Tech - R. Wilson	100/200/140	2	

### Equipment

Perdiem	300/100/001	5 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	75
Cutting torch	?	1 day
Level C PPE	400/100/002	7 people
Level and tripod	?	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	May	1 month
Oxarc - Cutting gasses	Account	?

### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 Excavated in the north area and along the sheet piling.  
 28 - 12 yd loads of soil was excavated and stockpiled in the south stockpile.  
 A total of 336 cubic yards was stockpiled on the south stockpile today;  
 Stacked sheet piling was cut up.  
 L. McGill was on site today.



### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - D. Voeller	100/100/120	8	8
Environmental Tech -M. Alberts	100/100/140	8	16
Environmental Tech - R. Wilson	100/100/140	8	

### Overtime

Field Supervisor - D. Voeller	100/200/120	2	2
Environmental Tech -M. Alberts	100/200/140	2	4
Environmental Tech - R. Wilson	100/200/140	2	

### Equipment

Perdiem	300/100/001	5 people
Pick-up (1/2 ton)	200/100/001	3 trucks
Mileage	200/200/001	500
Cutting torch	?	1 day
Level C PPE	400/100/002	5 people
Level and tripod	?	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	5 hours
Excavator 325	200/300/002-1	5 hours
Loader	200/300/006-1	5 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	May	1 month
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### Notes:

There were 1 BEI employee that Olympus supplied PPE for today.  
 Excavated by the sheet piling.  
 12 - 12 yd loads of soil was excavated and stockpiled in the south stockpile.  
 A total of 144 cubic yards was stockpiled on the south stockpile today;  
 Stacked sheet piling was cut up.  
 Olympus personnel traveled home today.

Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Monday  
 6/14/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	8
Environmental Tech -H. Reich	100/100/140	8	
Environmental Tech - R. Wilson	100/100/140	8	16

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	2
Environmental Tech -H. Reich	100/200/140	2	
Environmental Tech - R. Wilson	100/200/140	2	total hours 4

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	500 miles
Level C PPE	400/100/002	6 people
Level and tripod	600/100/008	1 day
Cutting Torch	600/100/115	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Excavator 325	200/300/002-1	8 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	May	1 month
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### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 Excavated west of the office building.  
 18 - 12 yd loads and 11 - 14 yd loads of soil was excavated and stockpiled in the south stockpile.  
 A total of 370 cubic yards was stockpiled on the south stockpile today;  
 Olympus personnel traveled to the site today.  
 Bruce Sheppard arrived on site.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Tuesday  
 6/15/93  
 93-4394

### Straight Time

**Personnel**

Project Engineer - M. Stremcha  
 Field Supervisor - M. Alberts  
 Environmental Tech - H. Reich  
 Environmental Tech - R. Wilson

Code	Hours or # of Units
100/100/070	10
100/100/120	8
100/100/140	8
100/100/140	8

8
16

### Overtime

Field Supervisor - D. McPherson  
 Field Supervisor - M. Alberts  
 Environmental Tech - H. Reich  
 Environmental Tech - R. Wilson

100/200/120	4
100/200/120	2.5
100/200/140	2.5
100/200/140	2.5

6.5
total hours 5

**Equipment**

Per diem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	50 miles
Level C PPE	400/100/002	6 people
Level and tripod	600/100/008	1 day
Cutting Torch	600/100/115	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

**Rentals/ODC Items (10%)**

L & M Trucking - Dump Truck  
 Avis Rental Car

May  
 Credit Card

1 month  
 \$188.87

202.53

**Notes:**

There were 2 BEI employees that Olympus supplied PPE for today.  
 Excavated in the south lagoons and west of the office building.  
 14 - 14 yd loads and 21 - 12 yd loads of soil was excavated and stockpiled in the south stockpile.  
 A total of 448 cubic yards was stockpiled on the south stockpile today;  
 Decoded the Peterbuilt truck.  
 Bruce Sheppard and Marla Stremcha left the site at noon.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Wednesday  
 6/16/93  
 93-4394

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	5	
Field Supervisor - R. Wilson	100/100/120	8	16
Field Supervisor - D. McPherson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	16
Environmental Tech - H. Reich	100/100/140	8	

## Overtime

Field Supervisor - R. Wilson	100/200/120	2	4
Field Supervisor - D. McPherson	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	2	total hours 4
Environmental Tech - H. Reich	100/200/140	2	

### Equipment

Per diem	300/100/001	4 people
Jack-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	200
Level C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Cutting Torch	600/100/115	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	May	1 month
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### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 Backfilled along the sheet piling today.  
 303.32 tons of backfill was delivered to the site today.  
 Decontaminated the Ford dump truck and the loader.  
 Cut sheet piling.  
 Had an off-site accident with the Peterbuilt.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Thursday  
 6/17/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	4	
Field Supervisor - R. Wilson	100/100/120	8	16
Field Supervisor - D. McPherson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	8

### Overtime

Field Supervisor - R. Wilson	100/200/120	2	4
Field Supervisor - D. McPherson	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	2	2

### Equipment

Perdiem	300/100/001	3 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	50 miles
Level C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Cutting torch	600/100/115	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	May	1 month
Ken Leingang Excavating - Roller	Billed to Office	Roller/op.

### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 Backfilled by the sheet piling today.  
 237.44 Tons of backfill was delivered to the site today.  
 Cut sheet piling.  
 Ken Leingang had a roller and an operator on site today.  
 Bob Kievit was on site today.

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	4	
Field Supervisor - R. Wilson	100/100/120	8	16
Field Supervisor - D. McPherson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	8

### Overtime

Field Supervisor - R. Wilson	100/200/120	2	4
Field Supervisor - D. McPherson	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	2	2

### Equipment

Perdiem	300/100/001	3 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	400 miles
Level C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Cutting torch	600/100/115	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	May	1 month
Ken Leingang Excavating - Roller	Billed to Office	Roller/op.

### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 Backfilled by the sheet piling today.  
 Approximately 450 Tons of backfill was delivered to the site today.  
 Cut sheet piling.  
 Ken Leingang had a roller and an operator on site today.  
 Bob Kievit was on site today and left.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Monday  
 6/21/93  
 93-4394

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	8
Environmental Tech - T. Boespflug	100/100/140	8	16
Environmental Tech - J. Belisle	100/100/140	8	

## Overtime

Field Supervisor - M. Alberts	100/200/120	2	2
Environmental Tech - T. Boespflug	100/200/140	2	2
Environmental Tech - J. Belisle	100/200/140	2	

### *Equipment*

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	400 miles
Level C PPE	400/100/002	6 people
Level and tripod	600/100/008	1 day
Cutting torch	600/100/115	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Excavator 325	200/300/002-1	8 hours
Loader	200/300/006-1	8 hours

### *Rentals/ODC Items (10%)*

L & M Trucking - Dump Truck	May	1 month
FedEx	Account	2 packages

### *Notes:*

There were 2 BEI employees that Olympus supplied PPE for today.  
 Excavated to the west of the Office building and in the south lagoons.  
 7 - 12 yard loads of soil was stockpiled in the south stockpile today. (Total 84 cubic yards)  
 Hand dug 2 locations by the drain line to remove contamination.  
 Cut sheet piling.  
 Olympus personnel traveled to the site today.

### Straight Time

Personnel	Code	Hours or # of Units	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	8
Environmental Tech - T. Boespflug	100/100/140	8	
Environmental Tech - J. Belisle	100/100/140	8	16

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	2
Environmental Tech - T. Boespflug	100/200/140	2	
Environmental Tech - J. Belisle	100/200/140	2	2

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	75 miles
Level C PPE	400/100/002	6 people
Level and tripod	600/100/008	1 day
Cutting torch	600/100/115	1 day
Cut-off saw (used 2 per day)	600/100/003	2 saws
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Excavator 325	200/300/002-1	8 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	May	1 month
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### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 Excavated to the west of the Office building.

1 - 12 yard loads of soil was stockpiled in the south stockpile today. (Total 12 cubic yards)

The contaminated drums were moved to the top of the south stockpile and cut-off saws were used to cut the drums open. 3/4 of the drums were cut open today.



### Straight Time

Personnel	Code	Hours or # of Units	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	
Field Supervisor - R. Wilson	100/100/120	6	14
Environmental Tech - T. Boespflug	100/100/140	8	
Environmental Tech - H. Reich	100/100/140	4	
Environmental Tech - D. McPherson	100/100/140	4	
Environmental Tech - J. Belisle	100/100/140	8	24

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	2
Environmental Tech - T. Boespflug	100/200/140	2	
Environmental Tech - J. Belisle	100/200/140	2	2

### Equipment

Perdiem	300/100/001	5 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	275 miles
Level C PPE	400/100/002	7 people
Level and tripod	600/100/008	1 day
Cutting torch	600/100/115	1 day
Cut-off saw (used 2 per day)	600/100/003	2 saws
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	May	1 month
Yakima County landfill - Terrace Heights	Account	11.33 tons

### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 Excavated to the west of the Office building.

1 - 12 yard loads of soil was stockpiled in the south stockpile today. (Total 12 cubic yards)

The contaminated drums were cut open today.

3 loads of clean debris was taken to the local landfill (11.33 tons total).

### Straight Time

Personnel	Code	Hours or # of Units	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	
Field Supervisor - R. Wilson	100/100/120	8	16
Environmental Tech - T. Boespflug	100/100/140	8	
Environmental Tech - J. Belisle	100/100/140	8	16

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	2
Environmental Tech - T. Boespflug	100/200/140	2	
Environmental Tech - J. Belisle	100/200/140	2	2

### Equipment

Per diem	300/100/001	5 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	75 miles
Level C PPE	400/100/002	7 people
Level and tripod	600/100/008	1 day
Cutting torch	600/100/115	1 day
Cut-off saw (used 2 per day)	600/100/003	2 saws
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	May	1 month
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### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 Excavated to the west of the Office building and in the south lagoons.  
 11 - 12 yard loads of soil was stockpiled in the south stockpile today. (Total 132 cubic yards)  
 The contaminated drums were steam cleaned today.  
 Returned the cut off saws today.

### Straight Time

Personnel	Code	Hours or # of Units	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	16
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	16
Environmental Tech - J. Belisle	100/100/140	8	

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	2
Environmental Tech - T. Boespflug	100/200/140	2	4
Environmental Tech - J. Belisle	100/200/140	2	

### Equipment

Perdiem	300/100/001	5 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	500 miles
Level C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Cutting torch	600/100/115	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	6 hours
Excavator 325	200/300/002-1	6 hours
Loader	200/300/006-1	6 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	June	1 month
Oxarc-oxygen, acetylene, Cutting Tip.	Account	5 Bottles

### Notes:

- There was 0 BEI employees that Olympus supplied PPE for today.
- Cut the sheet piling wall.
- The south stockpile was shaped up.
- Secured site for weekend
- A communication pole was taken down and the wire rolled up. The wire was taken to a local recycler.
- The cleaned drums were stockpiled in the debris pile for Arlington.
- Olympus personnel traveled home.

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	16
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	4
Field Supervisor - R. Wilson	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	2	2

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	500 miles
Level C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Cutting torch	600/100/115	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Excavator 325	200/300/002-1	8 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	June	1 month	
Yakima Cooperative - Diesel Fuel	Account	114 gallons	93-2000

### Notes:

- There was 1 BEI employee that Olympus supplied PPE for today.
- Cut the sheet piling wall.
- Excavated by the office building and in the south lagoons.
- 6 - 10 yard loads (60 cubic yards) was stockpiled on the south stockpile.
- A total of approximately 60 cubic yards of TPH soil was excavated and stockpiled.
- The TPH soil was stockpiled by the excavation.
- Diesel fuel was delivered to the site for the equipment.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Tuesday  
 6/29/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	10
Field Supervisor - M. Alberts	100/100/120	8
Field Supervisor - R. Wilson	100/100/120	8
Environmental Tech - T. Boespflug	100/100/140	8

16
8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2
Field Supervisor - R. Wilson	100/200/120	2
Environmental Tech - T. Boespflug	100/200/140	2

4
2

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	75 miles
Level C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Cutting torch	600/100/115	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 <del>X</del> hours
Excavator 325	200/300/002-1	10 <del>X</del> hours
Loader	200/300/006-1	10 <del>X</del> hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	June	1 month
Eagle Hardware - Sump pump and tape	Credit Card	\$91.35
Oxarc - Cutting gas and tips	Account	?

### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
 Completed cutting the sheet piling wall.  
 A total of approximately 80 cubic yards of TPH soil was excavated and stockpiled.  
 The TPH soil was stockpiled by the excavation.  
 Ordered backfill for thursday.

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	16
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	
			8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	4
Field Supervisor - R. Wilson	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	2	
			2

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	75 miles
Level C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Cutting torch	600/100/115	1 day
Vac-U-Max/Filters	600/100/007	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 <del>8</del> hours
Excavator 325	200/300/002-1	10 <del>8</del> hours
Loader	200/300/006-1	10 <del>8</del> hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	June	1 month
FedEx - 2 packages	Account	2 packages
Avis Car Rental - From 6-15-93	Credit Card	\$202.53
OXARC	Account	Cutting Gas
EZ Rent All	Account	Air Compressor

### Notes:

- There was 1 BEI employee that Olympus supplied PPE for today.
- Completed taking the top of the sheet piling wall down that was cutt off.
- Dug hot spots in the lagoons 1 - 10 yard load and stockpiled it on the south stockpile.
- The sump south of the akland building was pumped out using the vac-u-max.
- The sump was filled in with sand and then capped with cement.

Picked up debris around the site.

### Straight Time

Personnel	Code	Hours or # of Units	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	16
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	
			8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	4
Field Supervisor - R. Wilson	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	2	2

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	75 miles
Level C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Cutting torch	600/100/115	1 day
Vac-U-Max/Filters	600/100/007	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	June	1 month
Ken Leingang - Backfill & Trucks	Billed to Office	540.13 tons
EZ Rent All	Account	Air Compressor

### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
 Completed the haul road and ramp to the south end of the property.  
 Backfill was delivered by Ken Leingang excavating.  
 The white spots in the north lagoon we assumed they are DDT. *vacuumed up.*  
 Picked up debris around the site.



### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	16
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	
			8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	4
Field Supervisor - R. Wilson	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	2	
			2

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	500 miles
Level C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Cutting torch	600/100/115	1 day
Vac-U-Max/Filters	600/100/007	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Excavator 325	200/300/002-1	8 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

L & M Trucking - Dump Truck	June	1 month
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### Notes:

- There was 1 BEI employee that Olympus supplied PPE for today.
- Loaded 1 load of debris to Arlington (total 11,700 pounds).
- Loaded scrap metal out and returned rental dump truck.
- The white spots in the north lagoon we assumed they are DDT.
- Picked up debris around the site.
- Traveled home for the weekend.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Tuesday  
 7/6/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	16
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	4
Field Supervisor - R. Wilson	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	2	2

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	500 miles
Level C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Visquene - 6 mil (20X100)	400/200/002	1 roll
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Excavator 325	200/300/002-1	8 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

Gear Jammer - Weight tickets	Cash	\$4.00
Gear Jammer - Weight tickets	Credit Card	\$37.69
Eagle - Gaskets	Credit Card	\$6.86
Morton's Supply - Suction hose	Account	\$42.08

### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
 4 - 10 yard loads of soil was excavated from west of the office building.  
 A total of 40 cubic yards of soil was stockpiled on the south stockpile.  
 Part trucking came and picked up the two drop boxes that had not been used.  
 Picked up debris around the site.  
 Olympus personnel traveled to the site.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Wednesday  
 7/7/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	16
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	4
Field Supervisor - R. Wilson	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	2	

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	350 miles
Level C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 1/2 hours
Excavator 325	200/300/002-1	10 1/2 hours
Loader	200/300/006-1	10 1/2 hours

### Rentals/ODC Items (10%)

*(Handwritten signature)*

### Notes:

- There was 1 BEI employee that Olympus supplied PPE for today.
- 12 - 10 yard loads of soil was excavated from west of the office building.
- A total of 120 cubic yards of soil was stockpiled on the south stockpile.
- Picked up debris around the site.
- The bobcat had a flat tire and was taken in for repair.
- Ray Wilson left the site after work.

### Straight Time

Personnel	Code	Hours or # of Units	
Project Engineer - M. Stremcha	100/100/070	10.5	
Field Supervisor - M. Alberts	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2.5	
Environmental Tech - T. Boespflug	100/200/140	2.5	2.5

### Equipment

Per diem	300/100/001	3 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	200 miles
Level C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Quene - 6 mil (40 X 100)	400/200/002W	1 roll
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	IC 8 hours
Excavator 325	200/300/002-1	IC 8 hours
Loader	200/300/006-1	IC 8 hours

(M/S)

### Rentals/ODC Items (10%)

### Notes:

- There were 2 BEI employees that Olympus supplied PPE for today.
- 8 - 10 yard and 5 - 12 yard loads of TPH soil were moved and stockpiled on Forney St.
- The TPH soil was placed on 6 mil plastic. ( Total of 140 cubic yards)
- Cut the remaining south end of the sheet piling off.
- The sprinkler system was inspected and hoses repaired.
- Todd Boespflug left the site after work.
- Temporary fence was put up along the TPH stockpile.

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	8
Environmental Tech - K. Hutton	100/100/140	8	8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	2
Environmental Tech - K. Hutton	100/200/140	5	5

### Equipment

Perdiem	300/100/001	3 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	500 miles
Level C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Generator	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Radio Rentals - July Month	?	6 radios
Dump Truck	200/100/011	8 hours
Excavator 325	200/300/002-1	8 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

#### Notes:

- There were 2 BEI employees that Olympus supplied PPE for today.
- Excavated 20 cubic yards of soil from the south lagoons and stockpiled on the south stockpile.
- Excavated and stockpiled more TPH soil and left it near the excavation for testing.
- Sand bags were replaced on the north stockpile.
- Ken Hutton was on site working today.
- The site was cleaned up and secured for the weekend.
- Olympus personnel traveled home for the weekend.

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	11	
Field Supervisor - M. Alberts	100/100/120	8	
Field Supervisor - R. Wilson	100/100/120	8	16
Environmental Tech - T. Boespflug	100/100/140	3	
Environmental Tech - J. Belisle	100/100/140	3	6

### Overtime

Field Supervisor - M. Alberts	100/200/120	3	
Field Supervisor - R. Wilson	100/200/120	3	6

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	750 miles
Level C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Excavator 325	200/300/002-1	8 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

#### Notes:

- There were 2 BEI employee that Olympus supplied PPE for today.
- 2 - 10 yard loads of soil was excavated from south lagoon.
- A total of 20 cubic yards of soil was stockpiled on the south stockpile.
- Fencing contractors arrived on site to begin digging holes for permanent fence. Olympus personnel began digging post holes along sheet piling wall where level C was deemed necessary.
- Picked up debris around the site.
- Olympus personnel traveled to the site.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Tuesday  
 7/13/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	11	
Field Supervisor - M. Alberts	100/100/120	8	16
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	16
Environmental Tech - J. Belisle	100/100/140	8	

### Overtime

Field Supervisor - M. Alberts	100/200/120	3	6
Field Supervisor - R. Wilson	100/200/120	3	
Environmental Tech - T. Boespflug	100/200/140	3	3

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
mileage	200/200/001	150 miles
Level C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	11 hours
Excavator 325	200/300/002-1	11 hours
Loader	200/300/006-1	11 hours

### Rentals/ODC Items (10%)

#### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
 No soil excavation was done today.  
 Olympus continued and completed the drilling of the post holes along sheet piling.  
 Picked up debris around the site.

*24 drums of Diesel oil were taken to BEI in Kent.*

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	16
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	
			8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	4
Field Supervisor - R. Wilson	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	2	2

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	50 miles
C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

#### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.  
 1 - 12 yard load was excavated from the south lagoons and placed on the south stockpile.  
 Olympus shoveled concrete into the holes for the fence post along the sheet piling. (39)  
 4 holes were drilled by the water line and TPH samples were collected.  
 Caution tape was put up and site picked up for the evening.



### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	10
Field Supervisor - M. Alberts	100/100/120	8
Field Supervisor - R. Wilson	100/100/120	8
Environmental Tech - T. Boespflug	100/100/140	8

16
8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2
Field Supervisor - R. Wilson	100/200/120	2
Environmental Tech - T. Boespflug	100/200/140	2

4
2

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	500 miles
Leather C PPE	400/100/002	5 people
Leather and tripod	600/100/008	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Excavator 325	200/300/002-1	8 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

#### Notes:

- There was 1 BEI employee that Olympus supplied PPE for today.
- The Ford truck was decontaminated and loaded with scrap steel for recycling.
- Temporary fence was placed along the sheet piling.
- Breathing air bottles were picked up for work next week.
- Caution tape was put up and site picked up for the weekend.

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	
Field Supervisor - R. Wilson	100/100/120	3	
Environmental Tech - T. Boespflug	100/100/140	8	
			11
			8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	2	
			2

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	500 miles
Level C PPE	400/100/002	5 people
Shovel and tripod	600/100/008	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Excavator 325	200/300/002-1	8 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

Oxarc- breathing air	account	6 bottles
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### Notes:

There were 2 BEI employee that Olympus supplied PPE for today.  
 Personnel mobed to site today.  
 Fence contractors continued on permanent fence  
 Temp. fence was removed from site perimeter.  
 Reusable fencing fabric was distributed to appropriate areas.  
 General site cleanup around Forney st.

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	16
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	
Field Supervisor - R. Wilson	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	2	2

### Equipment

Perdiem			
Pick-up (1/2 ton)	300/100/001	3 people	
Mileage	200/100/001	2 trucks	
Level B	200/200/001	30 miles	
Level C PPE	400/100/001	3 people	
Level and tripod	400/100/002	6 people	
Bobcat	600/100/008	1 day	
Steam cleaner	200/300/001	1 day	
Barrel Liners	600/100/109	1 day	
Fire Hose	500/300/001	1 bag	
Poly Tank - Olympus	600/400/004	700 feet	
Dump Truck	400/200/044	1 day	
Excavator 325	200/100/011	10 hours	
Loader	200/300/002-1	10 hours	
	200/300/006-1	10 hours	
<b>Rentals/ODC Items (10%)</b>			
Oxarc- breathing air	account	2 bottles	

### Notes:

There were 3 BEI employee that Olympus supplied PPE for today.  
 Level B equipment was set-up and installed in excavator.  
 Lead Arsenate was excavated in Level B.  
 Drop box was secured and Level B gear was decontaminated.  
 Fence contractors continued on permanent fence

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Wednesday  
 7/21/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Field Supervisor - M. Alberts	100/100/120	8	16
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	

### Overtime

Field Supervisor - M. Alberts	100/200/120	3	3
Field Supervisor - R. Wilson	100/200/120	3	
Environmental Tech - T. Boespflug	100/200/140	3	

### Equipment

Perdiem	300/100/001	3 people
Pick-up (1/2 ton)	200/100/001	1 truck
Mileage	200/200/001	30 miles
Lease PPE	400/100/002	5 people
Lease and tripod	600/100/008	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

Ken Leingang Excavating	backfill material	702 tons
Terrace heights landfill	account	7.15 tons

### Notes:

- There were 2 BEI employees that Olympus supplied PPE for today.
- 702 tons (approx. 540 LCY) fill material hauled in for haul road.
- New haul road to north end was completed and existing road was built up where needed.
- Remaining clean debris was hauled to local landfill.
- Fence contractors continued on permanent fence
- Remaining scrap metal was hauled to scrapyard.
- Remaining temporary fence was dismantled and stacked to be picked up.
- Hot spots were dug in south lagoon.
- Approximately 6 cubic yards of contaminated soil to south stockpile.
- Remaining old permanent fence near building was dismantled.

Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Thursday  
 7/22/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Field Supervisor - M. Alberts	100/100/120	8	16
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	
Field Supervisor - R. Wilson	100/200/120	2	4

### Equipment

Perdiem	300/100/001	3 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	170 miles
Level C PPE	400/100/002	5 people
Shovel and tripod	600/100/008	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

Yakima Co-Op - grease	master card	\$16.19
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### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.

Excavated hot spots in south lagoon.

South end of south stockpile was prepared for TPH soils.

TPH soils that had already been excavated were moved to south stockpile.

Fencing contractors continued to install permanent fence.

~~Excavated hot spots west of building.~~

Approx. 25 cubic yards of pesticide contaminated soil was hauled to south stockpile.

Approximately 78 cubic yards of TPH soil was hauled to south TPH stockpile.

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Field Supervisor - M. Alberts	100/100/120	8	16 4.5
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech.- T. Boespflug	100/100/140	4.5	

## Overtime

Field Supervisor - M. Alberts	100/200/120	3.5	9.5
Field Supervisor - R. Wilson	100/200/120	6	

### *Equipment*

Perdiem	300/100/001	0
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	450 miles
Level B	400/100/001	3 people
Level C PPE	400/100/002	4 people
Shovel and tripod	600/100/008	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### *Rentals/ODC Items (10%)*

Trip permits	Cash	\$24.00
Gear Jammer - fuel and scale ticket	Credit Card	\$186.06
Airfare - Marla	Account	\$102.00
Eagle - Duct Tape	Credit Card	\$49.39
Eagle - Water hose parts	Credit Card	\$55.41

### *Notes:*

- There were 2 BEI employees that Olympus supplied PPE for today.
- Level B equipment was set-up and installed in excavator.
- Additional Lead Arsenate was excavated in Level B.
- Drop box was secured and Level B gear was decontaminated.
- Fence contractors continued on permanent fence
- Excavated hot spots in south lagoon and west of building.
- Continued excavating TPH soils and hauling to south TPH stockpile.

Approximately 4 yards of pesticide contaminated soil was hauled to south stockpile.  
Approx. 104 yards of TPH soil was hauled to south TPH stockpile.

Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Monday  
 7/26/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	16
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	
Field Supervisor - R. Wilson	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	2	2

### Equipment

Perdiem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Message	200/200/001	680 miles
C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

Oxarc- breathing air	account	3 bottles
Eagle hardware-padlocks	mastercard	\$13.65

### Notes:

There were 2 BEI employee that Olympus supplied PPE for today.  
 Olympus personnel travelled to site today.  
 Demolished and piled remaining old permanent fence for disposal at local landfill.  
 Grubbed brush on south and west sides of south stockpile for aesthetic purposes.  
 Assisted fencing contractors in installing gates at north and south end of site.  
 Leveled and "dressed up" south TPH stockpile and prepared it for additional soil.  
 Restocked supplied air equipment for additional Level B work (Lead Arsenate excavation.)  
 Picked up replacement dump truck at Woodpecker truck.



### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	
Field Supervisor - R. Wilson	100/100/120	8	16
Environmental Tech - T. Boespflug	100/100/140	8	8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	
Field Supervisor - R. Wilson	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	2	2

### Equipment

Perdiem	300/100/001	3 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	30 miles
Level B PPE	400/100/001	3 people
Level C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

Morton supply - chain and hooks	account	\$41.08
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### Notes:

There were 2 BEI employee that Olympus supplied PPE for today.  
 Unloaded drop box from flatbed truck with double trailer.  
 Hauled TPH soils to south TPH stockpile (approx. 90 c.y.)  
 Installed Level B equipment on excavator and otherwise prepared for Lead Arsenate excavation.  
 Excavated approx. 8 yd of Lead Arsenate and placed in drop box.  
 Consolidated debris piles at south end of site for loading purposes.  
 Maria Stremcha demob.

Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Wednesday  
 7/28/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Field Supervisor - M. Alberts	100/100/120	8	<div style="border: 1px solid black; padding: 2px;">16</div> <div style="border: 1px solid black; padding: 2px;">8</div>
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	<div style="border: 1px solid black; padding: 2px;"> </div> <div style="border: 1px solid black; padding: 2px;"> </div> <div style="border: 1px solid black; padding: 2px;">2</div>
Field Supervisor - R. Wilson	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	2	

### Equipment

Perdiem	300/100/001	3 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	30 miles
Level B PPE	400/100/001	2 people
Level C PPE	400/100/002	5 people
Level and tripod	600/100/008	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

Yakima county Solid Waste - Clean debris	account	\$241.30
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### Notes:

There were 2 BEI employee that Olympus supplied PPE for today.  
 Decontaminated International dump truck.  
 Hauled 4 loads (approx. 18 tons) clean debris to landfill.  
 Cleaned and reorganized warehouse area.  
 Placed returned Pentachlorophenate sample in appropriate container (level B).  
 Grubbed brush in area just south of building and sent to landfill.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Thursday  
 7/29/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>			
Field Supervisor - M. Alberts	100/100/120	8	<table border="1" style="margin: auto;"> <tr><td style="text-align: center;">16</td></tr> <tr><td style="text-align: center;">8</td></tr> </table>	16	8
16					
8					
Field Supervisor - R. Wilson	100/100/120	8			
Environmental Tech - T. Boespflug	100/100/140	8			

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	<table border="1" style="margin: auto;"> <tr><td style="text-align: center;"> </td></tr> <tr><td style="text-align: center;"> </td></tr> <tr><td style="text-align: center;">2</td></tr> </table>			2
2						
Field Supervisor - R. Wilson	100/200/120	2				
Environmental Tech - T. Boespflug	100/200/140	2				

### Equipment

Perdiem	300/100/001	2 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	250 miles
Level C PPE	400/100/002	4 people
Ladder and tripod	600/100/008	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

#### Notes:

- There was 1 BEI employee that Olympus supplied PPE for today.
- Hauled approx. 36 yards of TPH soil to south TPH stockpile.
- Cleaned and organized office.
- Finished cleaning warehouse.
- Walked site with Jim Dolan in order to identify and prioritize remaining site activities.
- Restocked necessary site items that were in low supply.
- Installed supplied air equipment on excavator for tomorrow's Level B operation.
- Mark Alberts demob.

Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Friday  
 7/30/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>		
Field Supervisor - R. Wilson	100/100/120	8	<table border="1"><tr><td>8</td></tr></table>	8
8				
Environmental Tech - T. Boespflug	100/100/140	8	<table border="1"><tr><td>8</td></tr></table>	8
8				

### Overtime

Field Supervisor - R. Wilson	100/200/120	2	<table border="1"><tr><td></td></tr></table>	
Environmental Tech - T. Boespflug	100/200/140	1	<table border="1"><tr><td>1</td></tr></table>	1
1				

### Equipment

Perdiem	300/100/001	0
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	400 miles
Level B PPE	400/100/001	3 people
Level C PPE	400/100/002	3 people
Level and tripod	600/100/008	1 day
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

#### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
 Set up equipment and decon for Lead Arsenate excavation (Level B).  
 Excavated approx. 10 yards of Lead Arsenate soil (Filled second drop box).  
 Decontaminated equipment.  
 Disassembled supplied air equipment from heavy equipment.  
 Secured site for weekend.  
 Olympus personnel demob for weekend.

Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Monday  
 8/2/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Field Supervisor - M. Alberts	100/100/120	8	8
Environmental Tech - T. Boespflug	100/100/140	8	8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	2
Environmental Tech - T. Boespflug	100/200/140	2	2

### Equipment

Perdiem	300/100/001	3 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	500 miles
Level C PPE	400/100/002	3 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Excavator 325	200/300/002-1	8 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

#### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
 Olympus personnel traveled to the site today.  
 Prepared for Level B Excavation. (refilled bottles, cleaned masks,...)  
 Deconed International dump truck and returned it to Woodpecker.  
 Closed up TPH berm on the south end of the stockpile.  
 Site was picked up from a weekend wind storm.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Tuesday  
 8/3/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units	
Project Engineer - M. Stremcha	100/100/070	10	
Field Supervisor - M. Alberts	100/100/120	8	
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	
			16
			8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	
Field Supervisor - R. Wilson	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	2	
			2

### Equipment

Per diem	300/100/001	4 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	50 miles
Level C PPE	400/100/002	5 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

Eagle Hardware	Credit Card	\$10.67
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### Notes:

There were 1 BEI employee that Olympus supplied PPE for today.  
 Unloaded 2 drop boxes from flatbed trucks.  
 Recovered the south berm near the TPH soil.  
 Excavaed 3 - 12 yard loads of pesticide soil from the north area and stockpiled it in the south stockpile.  
 Ordered backfill for the south lagoons. To be filled about 1 foot above the water table.

~~Marta Stremcha~~  
 Marta Stremcha moved to site.

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/119	10	
Field Supervisor - M. Alberts	100/100/120	6.5	13
Field Supervisor - R. Wilson	100/100/120	6.5	
Environmental Tech - T. Boespflug	100/100/140	6.5	6.5

### Overtime

Field Supervisor - M. Alberts	100/200/120	0	0
Field Supervisor - R. Wilson	100/200/120	0	
Environmental Tech - T. Boespflug	100/200/140	0	0

### Equipment

Perdiem	300/100/001	3 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	30 miles
Level B PPE	400/100/001	3 people
Level C PPE	400/100/002	6 people
bcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	6.5 hours
Excavator 325	200/300/002-1	6.5 hours
Loader	200/300/006-1	6.5 hours

### Rentals/ODC Items (10%)

NC Machinery - Cat D6H dozer	1 week
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### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.

Site and equipment was prepared for Level B activities.

Excavation of the Lead Arsenate continued in Level B.

Deliver of backfill for the south lagoon area began.

Marla Stremcha demob.

(177.18 Tons) (~ 136 ~~yd~~ yd<sup>3</sup>)

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/119	3	
Field Supervisor - M. Alberts	100/100/120	8	
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	
			16
			8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	
Field Supervisor - R. Wilson	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	1	
			4
			1

### Equipment

Perdiem	300/100/001	2 people
Pick-up (1/2 ton)	200/100/001	1 truck
Mileage	200/200/001	30 miles
Level C PPE	400/100/002	5 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

Ken Leingang - Backfill material	invoices attached	819.36 tons
NC Machinery - Cat D6H dozer		1 week

### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.

Exclusion zones were redefined and remarked.

819.36 tons of backfill material was placed into south lagoon excavation.

Todd Boespflug demob.

(~ 630 yd<sup>3</sup>)



### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/119	3	
Field Supervisor - M. Alberts	100/100/120	8	16
Field Supervisor - R. Wilson	100/100/120	8	

### Overtime

Field Supervisor - M. Alberts	100/200/120	4	9
Field Supervisor - R. Wilson	100/200/120	5	

### Equipment

Perdiem	300/100/001	0
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	500 miles
Level B PPE	400/100/001	3 people
Level C PPE	400/100/002	4 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

Ken Leingang - Backfill material	invoices attached	819.36 tons
NC Machinery - Cat D6H dozer		1 week

### Notes:

There were 2 BEI employees that Olympus supplied PPE for today.

Lead Arsenate was excavated in level B (approx. 10 yards)

18.18 ~~500~~ tons of backfill material was placed into south lagoon excavation. (~ 1091 yd<sup>3</sup>)

Mark Alberts and Ray Wilson demob.

*Office*  
 618-281-7173

ENTERED

Standard Daily for Woods Industries Site  
Yakima, Washington  
Olympus Environmental, Inc.

Monday  
8/9/93  
93-4394

### Straight Time

Personnel	Code	Hours or # of Units	
Project Engineer - M. Stremcha	100/100/119	10	
Field Supervisor - M. Alberts	100/100/120	8	16
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	8

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	4
Field Supervisor - R. Wilson	100/200/120	2	
Environmental Tech - T. Boespflug	100/200/140	2	2

### Equipment

Per diem	300/100/001	3 people
Pick-up (1/2 ton)	200/100/001	1 truck
Mileage	200/200/001	650 miles
Level C PPE	400/100/002	5 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

Ken Leingang - Backfill material	account	322.68 tons
NC Machinery - Cat D6H dozer		1 week

### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
 Olympus personnel mob to site.  
 Continue and conclude backfilling of south lagoon.

Prepared Cat D6H dozer to leave site.

Excavated pesticides remaining on north end of site near lead arsenate excavation.

Excavated and removed remaining water main on north side of decontamination pad.

A total of approx. 132 yards of pesticide contaminated soils were hauled to south stockpile.

Used loader to grade and reshape south stockpile for space and closure purposes.

General policing of site.

Assisted Fencing and Yawning rep in remeasuring site fence perimeter.

**ENTERED**

Standard Daily for Woods Industries Site  
Yakima , Washington  
Olympus Environmental, Inc.

Tuesday  
8/10/93  
93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Field Supervisor - M. Alberts	100/100/120	8	16 8
Field Supervisor - R. Wilson	100/100/120	8	
Environmental Tech - T. Boespflug	100/100/140	8	

### Overtime

Field Supervisor - M. Alberts	100/200/120	2	6 2
Field Supervisor - R. Wilson	100/200/120	4	
Environmental Tech - T. Boespflug	100/200/140	2	

### Equipment

Perdiem	300/100/001	3 people
Pick-up (1/2 ton)	200/100/001	1 truck
Mileage	200/200/001	650 miles
Level C PPE	400/100/002	5 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

### Rentals/ODC Items (10%)

Oxarc - Returned oxygen bottles	account	credit
Photo Haus -Photos	account	\$8.05

### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
 Countinue to dig pesticides on North end of site  
 Assisited employee from Ken Leingang with capping 12'' waterline on north end of site  
 Continued to police-up the site  
 Assisted N.C. Machinery with demoblization of D6 dozer  
 Ray Wilson left the site  
 A total of approx. 36 yards of pesticide contaminated soils were hauled to south stockpile

ENTERED

Standard Daily for Woods Industries Site  
Yakima , Washington  
Olympus Environmental, Inc.

Wednesday  
8/11/93  
93-4394

### Straight Time

#### Personnel

~~Senior Project Manager - L. McGill~~  
Field Supervisor - M. Alberts  
Environmental Tech - T. Boespflug

Code	Hours or # of Units
<del>100/100/020</del>	<del>5</del>
100/100/120	8
100/100/140	8

8
8

### Overtime

Field Supervisor - M. Alberts  
Environmental Tech - T. Boespflug

Code	Hours or # of Units
100/200/120	6.5
100/200/140	2.5

6.5
2.5

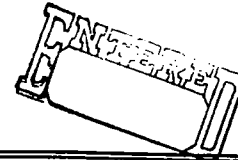
#### Equipment

Perdiem	300/100/001	2 people
Pick-up (1/2 ton)	200/100/001	1 truck
Mileage	200/200/001	250
Level C PPE	400/100/002	3 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	10 hours
Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	10 hours

#### Rentals/ODC Items (10%)

#### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
 Continue to dig pesticides on North end of site and finished digging.  
 Continued to police-up the site  
 Mark Alberts left the site  
 A total of approx. 8 yards of pesticide contaminated soils were hauled to south stockpile  
 Filled and marked excavated area where 12" water line was capped  
 Larry McGill arrived on site.  
 Larry McGill and Dave Broten [BEI] met with Hansen fruit Company.  
 Larry McGill Left the site.



Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Thursday  
 8/12/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Environmental Tech - T. Boespflug	100/100/140	8	8
Environmental Tech - T. Boespflug	100/200/140	4	4
<b>Equipment</b>			
Perdiem	300/100/001	1 person	
Pick-up (1/2 ton)	200/100/001	1 truck	
Mileage	200/200/001	300	
Level C PPE	400/100/002	2 people	
Bobcat	200/300/001	1 day	
Steam cleaner	600/100/109	1 day	
Barrel Liners	500/300/001	1 bag	
Fire Hose	600/400/004	700 feet	
Poly Tank - Olympus	400/200/044	1 day	
Dump Truck	200/100/011	10 hours	
Excavator 325	200/300/002-1	10 hours	
Loader	200/300/006-1	10 hours	

**Rentals/ODC Items (10%)**

Oxarc - Returned oxygen bottles                      account                      credit

**Notes:**

- There was 1 BEI employee that Olympus supplied PPE for today.
- Demobilized 10 yd. dump truck from site.
- Todd Boespflug Demobed from site
- Policed-up outside perimeter of site.
- Consolidated debris to [Arlington] stockpile.
- Deconed 10yd dumptruck.
- Returned remaining oxygen and acetylene bottles to Oxarc.
- Secured the site for weekend

Standard Daily for Woods Industries Site  
Yakima , Washington  
Olympus Environmental, Inc.

Monday - Friday  
8/16 - 8/20/93  
93-4394

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
<i>Equipment</i>		
Excavator 325	200/300/002-1	40 hours
Loader	200/300/006-1	40 hours
<i>Rentals/ODC Items (10%)</i>		
Oxarc - Returned oxygen bottles	account	credit

**Notes:**

Olympus employees were off site for the week.

Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Monday  
 8/23/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Environmental Tech - D. Barnard	100/100/140	8	8

### Overtime

Environmental Tech - D. Barnard	100/200/140	2	2
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### Equipment

Perdiem	300/100/001	2 people
Pick-up (1/2 ton)	200/100/001	1 truck
Mileage	200/200/001	175 miles
Level C PPE	400/100/002	3 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Demob - Excavator 325	200/300/002-1	10 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

Demob - Excavator 325	Billed to Office	1 way
E-Z Rent all - Weed eater	Account	?

### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
 Olympus personnel travelled to site today.  
 The excavator 325 was decontaminated and demobed from the site.  
 Began cutting weeds from the site and consolidating them.

Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Tuesday  
 8/24/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	9	
Environmental Tech - D. Barnard	100/100/140	8	8

### Overtime

Environmental Tech - D. Barnard	100/200/140	1	1
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### Equipment

Perdiem	300/100/001	2 people
Pick-up (1/2 ton)	200/100/001	1 truck
Mileage	200/200/001	30 miles
Level C PPE	400/100/002	3 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

Ken Leingang Excavating	Invoiced	Backfill
E-Z Rent all - Weed eater	Account	?

### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
 Backfill was delivered by Ken Leingang excavating for the north area (396 yd3 total)  
 Cut weeds around the site.  
 The south stockpile was measured and a cover was ordered.



Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Wednesday  
 8/25/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units	
Project Engineer - M. Stremcha	100/100/070	9	
Environmental Tech - D. Barnard	100/100/140	8	8

### Overtime

Environmental Tech - D. Barnard	100/200/140	1	1
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### Equipment

Perdiem	300/100/001	2 people
Pick-up (1/2 ton)	200/100/001	1 truck
Mileage	200/200/001	30 miles
Level C PPE	400/100/002	3 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Visquene 6mil 40X100	400/200/002	2 rolls
Visquene 10 mil (20X100)	400/200/003	2 rolls
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

Ken Leingang Excavating	Invoiced	Backfill
E-Z Rent all - Weed eater	Account	?

### Notes:

There was 1 BEI employee that Olympus supplied PPE for today. 972  
 Backfill was delivered by Ken Leingang excavating for the north area (~~826~~ 972 yd3 total)  
 Cut weeds around the site.

Standard Daily for Woods Industries Site  
Yakima , Washington  
Olympus Environmental, Inc.

Thursday  
8/26/93  
93-4394

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	9	
Environmental Tech - D. Barnard	100/100/140	8	<input type="text" value="8"/>

## Overtime

Environmental Tech - D. Barnard	100/200/140	1	<input type="text" value="1"/>
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## Equipment

Perdiem	300/100/001	2 people
Pick-up (1/2 ton)	200/100/001	1 trucks
Mileage	200/200/001	50 miles
Level C PPE	400/100/002	3 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Loader	200/300/006-1	8 hours

## Rentals/ODC Items (10%)

Ken Leingang Excavating - Backfill	Billed to Office	Backfill
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## Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
Backfilled north excavation today. 804 yds  
Picked up items around the site today.

Standard Daily for Woods Industries Site  
Yakima , Washington  
Olympus Environmental, Inc.

Friday  
8/27/93  
93-4394

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	9
Environmental Tech - D. Barnard	100/100/140	8 <input type="text" value="8"/>

## Overtime

Environmental Tech - D. Barnard	100/200/140	1 <input type="text" value="1"/>
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## Equipment

Perdiem	300/100/001	0 people
Pick-up (1/2.ton)	200/100/001	1 trucks
Mileage	200/200/001	175 miles
Level C PPE	400/100/002	3 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Barrel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Water Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Loader	200/300/006-1	8 hours

## Rentals/ODC Items (10%)

### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
Placed sandbags on the north stockpile.  
Cleaned up the site.  
Olympus traveled home for the weekend.

Standard Daily for Woods Industries Site  
Yakima , Washington  
Olympus Environmental, Inc.

Sunday  
8/29/93  
93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	3
<i>Equipment</i>		
Perdiem	300/100/001	1 people
<i>Rentals/ODC Items (10%)</i>		
Airfare - M. Stremcha	Account	\$102.00

**Notes:**

Marla Traveled to Yakima from Seattle

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Monday  
 8/30/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	10
Environmental Tech - D. Barnard	100/100/140	8

### Overtime

Environmental Tech - D. Barnard	100/200/140	2
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### Equipment

Perdiem	300/100/001	2 people
Pick-up (1/2 ton)	200/100/001	1 truck
Mileage	200/200/001	175 miles
Level <del>ETE</del> DPPE	400/100/001.3	3 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
BEI Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	8 hours
Loader	200/300/006-1	8 hours

### Rentals/ODC Items (10%)

Ken Leingang Excavating	Invoiced	Backfill
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### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
 Backfill was delivered by Ken Leingang excavating for the north area (1,056 yd<sup>3</sup> total)  
 Olympus personnel traveled to the site today.  
 Roller was delivered for Ken.  
 Bob Kievit and Linda Purdy arrived on site in the afternoon.

Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Tuesday  
 8/31/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units	
Project Engineer - M. Stremcha	100/100/070	9	
Environmental Tech - D. Barnard	100/100/140	8	8

### Overtime

Environmental Tech - D. Barnard	100/200/140	1	1
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### Equipment

Perdiem	300/100/001	2 people
Pick-up (1/2 ton)	200/100/001	1 truck
Mileage	200/200/001	35 miles
Level D PPE	400/100/003	3 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Oil Liners	500/300/001	1 bag
Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Dump Truck	200/100/011	4 hours
Loader	200/300/006-1	9 hours

### Rentals/ODC Items (10%)

Ken Leingang Excavating	Invoiced	Backfill
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### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
 Backfill was delivered by Ken Leingang excavating for the north area ( 880 yd3 total)  
 The dump truck was demobilized today.  
 Took remaining temp. fence down.  
 Hoses were checked for leaks and rolled up.  
 Began preparation for demobilization.

Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Wednesday  
 9/1/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	9	
Environmental Tech - D. Barnard	100/100/140	8	8 1

### Overtime

Environmental Tech - D. Barnard	100/200/140	1	1
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### Equipment

Perdiem	300/100/001	2 people
Pick-up (1/2 ton)	200/100/001	1 truck
Mileage	200/200/001	35 miles
Level D PPE	400/100/003	3 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Steel Liners	500/300/001	1 bag
Fire Hose	600/400/004	700 feet
Poly Tank - Olympus	400/200/044	1 day
Loader	200/300/006-1	9 hours

### Rentals/ODC Items (10%)

Ken Leingang Excavating	Invoiced	Backfill
Eagle - 3/4 " PVC caps	Credit Card	\$0.34
Eagle - Back Belts	Credit Card	\$75.30
Lone Star - Sand Bags (Oak Harbor)	Account	???
Integra Plastics - Cover 250 X 160	Account	????

### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
 Backfill was delivered by Ken Leingang excavating for the north area (1,104 yd3 total)  
 The 1000 sand bags were delivered today from Lonestar.  
 The cover for the south stockpile was delivered today.  
 Approximately 250 gallons of decontamination water was dumped on the south stockpile.  
 The tank was cleaned and removed from the decon pad.  
 General site cleanup and prep for demob.  
 Ken Leingang measured the water main he needed.  
 Alvie Maxie was on site.

Standard Daily for Woods Industries Site  
 Yakima, Washington  
 Olympus Environmental, Inc.

Thursday  
 9/2/93  
 93-4394

### Straight Time

Personnel	Code	Hours or # of Units
Project Engineer - M. Stremcha	100/100/070	9
Environmental Tech - D. Barnard	100/100/140	8
Field Technician - ADD Temp.	100/100/150	8
Field Technician - ADD Temp.	100/100/150	8
		16

### Overtime

Environmental Tech - D. Barnard	100/200/140	1
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### Equipment

Perdiem	300/100/001	2 people
Pick-up (1/2 ton)	200/100/001	1 truck
Mileage	200/200/001	35 miles
Level D PPE	400/100/003	3 people
Mat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Fire Hose	600/400/004	700 feet
Loader	200/300/006-1	9 hours

### Rentals/ODC Items (10%)

Ken Leingang Excavating	Invoiced	Backfill
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### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
 Backfill was delivered by Ken Leingang excavating for the north area (1176 yd3 total)  
 General site cleanup and prep for demob.  
 Two ADD Temporary helpers were on site and filled sand bags.  
 Completed backfilling the water line area today.



Standard Daily for Woods Industries Site  
Yakima , Washington  
Olympus Environmental, Inc.

Friday  
9/3/93  
93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	8	
Environmental Tech - D. Barnard	100/100/140	8	8
<b>Equipment</b>			
Perdiem	300/100/001	1 person	
Pick-up (1/2 ton)	200/100/001	1 truck	
Mileage	200/200/001	175 miles	
Level D PPE	400/100/003	3 people	
Bobcat	200/300/001	1 day	
Steam cleaner	600/100/109	1 day	
Fire Hose	600/400/004	700 feet	
Loader	200/300/006-1	9 hours	
<b>Materials/ODC Items (10%)</b>			
Car Rental - Marla	Credit Card	????	

**Notes:**

There was 1 BEI employee that Olympus supplied PPE for today.  
The fire hose was rolled up.  
The dozer was demobilized.  
Loaded some of the 12" pipe for recycle.  
Scheduled last load of demolition debris to be loaded out.  
Filled remaining sand bags.

11/17/93  
 93-4394

Standard Daily for Woods Industries Site Yakima , Washington Olympus Environmental, Inc.	Tuesday 9/7/93 93-4394
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### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	8	16
Field Supervisor - R. Wilson	100/100/140	8	
Field Supervisor - D. Voeller	100/100/120	8	24
Environmental Tech - D. Barnard	100/100/120	8	
Environmental Tech - T. Hacke	100/100/140	8	
Environmental Tech - H. Reich	100/100/140	8	

**Equipment**

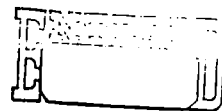
Perdiem	300/100/001	6 person
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	400 miles
Level D PPE	400/100/003	7 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Fire Hose	600/400/004	100 feet
Loader	200/300/006-1	8 hours
Excavator -325	200/300/002-1	8 hours
Mobilized Excavator - 325	200/500/006	1 way

**Rentals/ODC Items (10%)**

Car Rental - Maria	Credit Card	\$42.09✓
Morton's Supply - Chain	Account	\$45.70✓
Eagle hardware - Wood stakes	Credit Card	\$55.23✓
Eagle hardware - Rope and fence posts	Credit Card	\$186.58✓
Gearjammer Truck Plaza - Scale ticket	Cash	\$4.00✓

**Notes:**

There was 1 BEI employee that Olympus supplied PPE for today.  
 Olympus personnel replaced some sand bags on the north stockpile.  
 The dozer was demobilized.  
 Loaded some of the 12" pipe for recycle.  
 Scheduled last load of demolition debris to be loaded out.  
 Filled remaining sand bags.



Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Wednesday  
 9/8/93  
 93-4394

### Straight Time

**Personnel**

	Code	Hours or # of Units
Project Engineer - M. Stremcha	100/100/070	9
Field Supervisor - R. Wilson	100/100/120	8
Field Supervisor - D. Voeller	100/100/120	8
Environmental Tech -D. Barnard	100/100/140	8
Environmental Tech -T. Hacke	100/100/140	8
Environmental Tech - H. Reich	100/100/140	8

total hours
16
total hours
24

### Overtime

Field Supervisor - R. Wilson	100/200/120	1
Field Supervisor - D. Voeller	100/200/120	1
Environmental Tech -D. Barnard	100/200/140	1
Environmental Tech -T. Hacke	100/200/140	1
Environmental Tech - H. Reich	100/200/140	1

total hours
2
total hours
3

**Equipment**

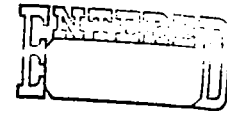
Perdiem	300/100/001	6 people
Pick-up (1/2 ton)	200/100/001	2 trucks
Mileage	200/200/001	200 miles
Level C PPE	400/100/002	6 people
Bobcat	200/300/001	1 day
Steam cleaner	600/100/109	1 day
Fire Hose	600/400/004	100 feet
Excavator 325	200/300/002-1	8 hours
Loader	200/300/006-1	8 hours

**Rentals/ODC Items (10%)**

Airfare - Marla	Account	\$655.00✓
Airfare - Marla	Account	\$511.00✓

**Notes:**

There was 1 BEI employee that Olympus supplied PPE for today.  
 Cover for south stockpile was placed, sandbagged, and staked.  
 Final load of contaminated debris was loaded and sent to Arlington.  
 Buried dust control mainline was excavated and removed.  
 Sand was placed on the south stockpile cover at the base all the way around.  
 Demob Olympus poly tank and visqueen.  
 Stremcha, Hacke, Reich, and Voeller demob.



Standard Daily for Woods Industries Site Yakima , Washington Olympus Environmental, Inc.	Thursday 9/9/93 93-4394
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### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Field Supervisor - R. Wilson	100/100/120	8	8
Environmental Tech - D. Barnard	100/100/140	8	8

### Overtime

Field Supervisor - R. Wilson	100/200/120	1	1
Environmental Tech - D, Barnard	100/200/140	1	1

#### *Equipment*

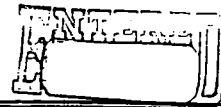
Perdiem	300/100/001	2 people
Pick-up (1/2 ton)	200/100/001	1 truck
Mileage	200/200/001	30 miles
Bobcat	200/300/001	1 day
Excavator 325	200/300/002-1	9 hours
Loader	200/300/006-1	9 hours
Fire hose	600/400/004	100 feet
Steam Cleaner	600/100/109	1 day
Level D PPE	400/100/003	3 people

#### *Rentals/ODC Items (10%)*

Leingang excavating	Invoiced	260 cy backfill ✓
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#### *Notes:*

- Backfilled south drain line. Leingang excavating delivered approx. 260 c.y backfill material.
- South stockpile cover was roped down.
- Weeds and brush were cleared from BEI poly tank access.
- General site cleanup.
- Dust control piping on south end of site was cut and stockpiled along west fence.



Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Friday  
 9/10/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Field Supervisor - R. Wilson	100/100/120	8	8
Environmental Tech - D. Barnard	100/100/140	8	8
<b>Equipment</b>			
Perdiem	300/100/001	2 people	
Level D PPE	400/100/003	3 people	
Pick-up (1/2 ton)	200/100/001	2 trucks	
Mileage	200/200/001	400 miles	
Demob Bobcat	200/500/007	1 way	
Demob Excavator 325	200/500/006	1 way	
Demob Loader	200/500/002 ✓	1 way	
Fire hose	600/400/004	100 feet	
<b>Rentals/ODC Items (10%)</b>			
Morton's Supply - Load Binders	Account	\$43.05 ✓	

**Notes:**

Olympus supplied PPE for 1 BEI employee.  
 Demobed Excavator, Loader, and bobcat.  
 Olympus personnel traveled home today.

Standard Daily for Woods Industries Site  
Yakima , Washington  
Olympus Environmental, Inc.

Monday  
9/13/93  
93-4394

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	9
Environmental Tech - D. Bamard	100/100/140	8

## Overtime

Environmental Tech - D. Bamard	100/200/140	2.5
--------------------------------	-------------	-----

### Equipment

Perdiem	300/100/001	2 people
Pick-up (1/2 ton)	200/100/001	1 truck
Mileage	200/200/001	300 miles
Level D PPE	400/100/003	3 people
Fire Hose	600/400/004	100 feet

### Rentals/ODC Items (10%)

Budget Car Rental	Credit Card	\$117.00
Photo Haus - Pictures	Account	\$7.74
Airline Ticket - M. Stremcha	Account	\$655.00
Avis Car Rental	Credit Card	\$37.54

### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
Olympus traveled to the site today.  
The south stockpile was resecured today.  
Derek demobilized a load of equipment back to the Auburn office.

Standard Daily for Woods Industries Site  
Yakima , Washington  
Olympus Environmental, Inc.

Tuesday  
9/14/93  
93-4394

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>
Project Engineer - M. Stremcha	100/100/070	8
Environmental Tech - D. Barnard	100/100/140	8

### Equipment

Perdiem	300/100/001	2 people
Pick-up (1/2 ton)	200/100/001	1 truck
Mileage	200/200/001	150 miles
Level D PPE	400/100/003	3 people
Fire Hose	600/400/004	100 feet
Mobilize Backhoe	200/500/002	1 way
Backhoe	200/300/003	2 hours

### Rentals/ODC Items (10%)

Fed Ex - to Diane	Account	?
-------------------	---------	---

### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
The south stockpile was resecured today.  
The backhoe was mobed to the site to assist in securing the south stockpile.

Standard Daily for Woods Industries Site  
Yakima , Washington  
Olympus Environmental, Inc.

Wednesday  
9/15/93  
93-4394

## Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	8	
Environmental Tech - D. Barnard	100/100/140	8	
Environmental Tech - J. Collins	100/100/140	8	16

## Overtime

Environmental Tech - J. Collins	100/200/140	2	2
---------------------------------	-------------	---	---

## Equipment

Perdiem	300/100/001	3 people
Pick-up (1/2 ton)	200/100/001	1 truck
Pick-up (1 ton)	200/100/006	1 truck
Mileage	200/200/001	300 miles
Level D PPE	400/100/003	3 people
Fire Hose	600/400/004	100 feet
Backhoe	200/300/003	8 hours

## Rentals/ODC Items (10%)

McGuire Lumber - Wood stakes	Account	4 bundles
Photo Haus - Pictures	Account	\$8.46

## Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
The south stockpile was resecured today.  
50 tires were brought to the site for the south stockpile.  
Sand bags, rope and tires were used to secure the south stockpile.



Standard Daily for Woods Industries Site  
 Yakima , Washington  
 Olympus Environmental, Inc.

Thursday  
 9/16/93  
 93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	8	
Environmental Tech - D. Barnard	100/100/140	8	
Environmental Tech - J. Collins	100/100/140	8	16

### Overtime

Environmental Tech - J. Collins	100/200/140	2	2
---------------------------------	-------------	---	---

### Equipment

Perdiem	300/100/001	3 people
Pick-up (1/2 ton)	200/100/001	1 truck
Pick-up (1 ton)	200/100/006	1 truck
Mileage	200/200/001	300 miles
Level D PPE	400/100/003	3 people
Fire Hose	600/400/004	100 feet
Backhoe	200/300/003	8 hours

### Rentals/ODC Items (10%)

Airfare - M. Stremcha	Account	\$730.00
Photo Haus - Pictures	Account	\$7.51
Ken Leingang Excavatin	Invoiced	12 " main

### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
 The south stockpile was resecured today.  
 50 additional tires were brought to the site for the south stockpile.  
 Sand bags, rope and tires were used to secure the south stockpile.  
 Installation of the 12 inch water main began today.  
 Equipment was demobilized to Montana.

Standard Daily for Woods Industries Site  
Yakima , Washington  
Olympus Environmental, Inc.

Friday  
9/17/93  
93-4394

### Straight Time

<i>Personnel</i>	<i>Code</i>	<i>Hours or # of Units</i>	
Project Engineer - M. Stremcha	100/100/070	10	
Environmental Tech - D. Bamard	100/100/140	8	<input type="text" value="8"/>

### Overtime

Environmental Tech - D. Bamard	100/200/140	2	<input type="text" value="2"/>
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### Equipment

Perdiem	300/100/001	0 people
Pick-up (1/2 ton)	200/100/001	1 truck
Mileage	200/200/001	150 miles
Level D PPE	400/100/003	3 people
Fire Hose	600/400/004	100 feet
Backhoe	200/300/003	8 hours

### Rentals/ODC Items (10%)

Airfare - M. Stremcha	Account	\$102.00
-----------------------	---------	----------

### Notes:

There was 1 BEI employee that Olympus supplied PPE for today.  
Installation of the 12 inch water main continued.  
Olympus equipment was loaded and demobilized today that remained on site.  
Olympus personnel traveled home today.

DOCUMENTATION OF EQUIPMENT DECONTAMINATION

JOB NUMBER:

934894 CONTRACTOR

Olympus Environmental inc

SITE NAME AND LOCATION:

Woods Industries BARR SITE MANAGER

Marla Strencha

EQUIPMENT DESCRIPTION	SERIAL NUMBER	DATES USED	DATE OF DECON
Service Truck	5292	3-31-93	3-31-93
Komatsu 220	PC 220	3-30-4-1-93	4-1-93 (To World Blade on)
Service Truck	5292	4-1-93	4-1-93
Hickox Sprayer	Star Rental	4-5-93-4-7-93	4-8-93
Generator	Star Rental	" "	4-8-93
Garden Hoses	OEE	" "	4-8-93
Tools	OEE	" "	4-8-93
Crane	PI	4/5/93 to 4/12/93	4-13-93
Piling Equipment	PI	" "	4-13-93
Welder	PI	" "	4-13-93
Excavator 220	OEE 220	4-1-93 to 4/12/93	4/13/93
Loader Bucket 936E	936E	4-2-93 - 4/12/93	4/13/93
Crane	PI	4-12-93 - 4-12-93	4/14/93
Piling Equipment	PI	4-12-93 - 4-12-93	4/14/93
Welder & Tools	PI	4-12-93 - 4-12-93	4/14/93
Excavator	220	3-29-93 - 4-19-93	4/15/93
936 Loader		3-30-93 4-16-93	4-16-93
PC 220 EXCAVATOR	220	4/14/3/29/93 4/16/93	4/19/93

SIGNED:

Marla Strencha  
CONTRACTOR'S REPRESENTATIVE

9-24-93  
DATE

\_\_\_\_\_  
OWNER'S REPRESENTATIVE

\_\_\_\_\_  
DATE

DOCUMENTATION OF EQUIPMENT DECONTAMINATION

JOB NUMBER: 93-4344 CONTRACTOR Olympus Environmental  
 SITE NAME AND LOCATION: Woods Industries SITE MANAGER Marla Stremcha

EQUIPMENT DESCRIPTION	SERIAL NUMBER	DATES USED	DATE OF DECON
Backhoe	FR Rental	4-20-93 to 4-21-93	4-21-93
Bobcat	Bucket	to 4-21-93	4-21-93
Dump truck	LTM for service		4-25-93
Excavator Bucket	325		4-29-93
Backhoe	FR Rental	4-28-429	4-29-93
Truck (Fuel)	Olympus	5-3-93	5-3-93
dump truck	Woods Industries	4-15-93-5-3-93	5-3-93
Excavator	Yutani (Rilling)		5-7-93
Loader		To get Soil on St.	5-8-93
dump truck	Peterbilt	to Get Soil on St.	5-8-93
Crane	Pile Contractors	4-26-93 to 5-4-93	5-5-93
Piling driver + Equipment	Pile Contractors	4-26-93 to 5-4-93	5-5-93
Excels sheet Piling	Olympus	" "	5-5-93
Loader	Olympus Rental	TO Get drums	5-19-93
Dump truck	Ford	" "	5-19-93

SIGNED:

Marla Stremcha  
 CONTRACTOR'S REPRESENTATIVE

9-24-93  
 DATE

\_\_\_\_\_  
 OWNER'S REPRESENTATIVE

\_\_\_\_\_  
 DATE

DOCUMENTATION OF EQUIPMENT DECONTAMINATION

JOB NUMBER:

93-4394

CONTRACTOR

Clump's Env.  
Naila Stremcha

SITE NAME AND LOCATION:

Woods Industries

SITE MANAGER

EQUIPMENT DESCRIPTION

SERIAL NUMBER

DATES USED

DATE OF DECON

Excavator	Ford	to fix Tank	6-3-93
Dumper	MC-D7		6-3-93
Dumper	Leimberg		6-3-93
Loader	MC J2000		6-4-93
Dumptruck	Peterbilt	6-14-93	6-15-93
Loader	936E	6-15-93	6-15-93
Dumptruck	Ford	6-16-93	6-16-93
Loader	936E	6-24-93	6-24-93
Excavator	325		7-15-93
Excavator	325		7-14-93
Dump truck	Ford		7-15-93
Excavator	Bendrol	7-15-7-14	7-14-93
Excavator	325		7/22/93
Excavator	325		7/23/93
Dumptruck	Ford		7/23/93
DUMPTRUCK	INTERNATIONAL	26-29 JUL '93	28 JUL '93

SIGNED:

Naila Stremcha  
CONTRACTOR'S REPRESENTATIVE

9-24-93  
DATE

\_\_\_\_\_  
OWNER'S REPRESENTATIVE

\_\_\_\_\_  
DATE



FIRE HYDRANT WATER USAGE LOG

JOB NUMBER:

93-4394

DATE

4-6-93

SITE NAME AND LOCATION:

Woods Industries  
YAKIMA, Washington

COMPANY

Olympus Environmental, Inc.

DATE	INITIAL READING (CF)	FINAL READING (CF)	TOTAL GALLONS	COMMENTS
4-2-93	61281 (CF)	61299 (CF)	135 g	dust control Pre Cut
4-5-93	61299 (CF)	61941 (CF)	4802 g	dust control Lagoons Excavator
4-6-93	61941 (CF)	61997 (CF)	418 g	" " " " " "
4-7-93	61997 (CF)	<del>61997 (CF)</del>	0 g	None used
4-13-93	61997 (CF)	62031 (CF)	259 g	dust control
4-14-93	62031 (CF)	62153 (CF)	912 g	dust control Pile Area
4-15-93	62153 (CF)	62257 (CF)	778 g	dust control Pile Area
4-16-93	62257 (CF)	62345 (CF)	658 g	" " Pile & Lagoons
4-17-93	62345 (CF)	62486 (CF)	1054 g	DUST CONTROL LAGOONS
4-19-93	62486 (CF)	62588 (CF)	763 g	" " NORTH SIDE
4-20-93	62588 (CF)	62697 (CF)	815 GAL	DUST CONT. Pile AREA
4-21-93	62697 (CF)	62790 (CF)	695.64 GAL	}
4-22-93	62790 (CF)	62855 (CF)	<del>62</del> 486.2	
4-23-93	62855 (CF)	62867 (CF)	<del>48</del> 89.76	
4-26-93	62867	62929 (CF)	<del>62</del> 463.76	
4-26-93	24187	24299	NOT 800.36	
4-27-93	24294	24231	471 g	
4-27-93	62929	63022	696	
4-28-93	63022	63420	2977	

(CF) = Cubic Feet

gallons = CF X 7.48 g/CF

SIGNED:

Maria Stameha  
CONTRACTOR'S REPRESENTATIVE

9-24-93  
DATE

\_\_\_\_\_  
OWNER'S REPRESENTATIVE

\_\_\_\_\_  
DATE

FIRE HYDRANT WATER USAGE LOG

JOB NUMBER:

93-4394

DATE

4-30-93

SITE NAME AND LOCATION:

Woods Industries

COMPANY

Olympus Environmental

DATE	INITIAL READING	FINAL READING	TOTAL GALLONS	COMMENTS
4-29-93	63480	63662	182	dust control
4-30-93	63662	63948	286	dust control
4-30-93	24341	24398	57	
5-1-93	63948	64082	134	dust
5-1-93	24398	24398	0	dust
5-3-93	64082	64098	16	dust
5-4-93	64098	64322	224	dust
5-5-93	64322	64786	464	dust + decor
5-6-93	64786	65011	225	
5-7-93 → 5-18-93	65011	67356	2345	dust control + office water
5-19-93	67356	67489	133	
5-20-93	67489	68082	593	
5-21-93	68082	68305	223	
5-25-93	24398	24628	230	
5-25-93	70121	70233	112	dust
5-26-93	24628	24686	58	dust
5-26-93	70233	70554	321	
6-2-93	70554	70772	218	
6-3-93	70772	70960	188	

SIGNED:

Nacla Stranika  
CONTRACTOR'S REPRESENTATIVE

9-24-93  
DATE

\_\_\_\_\_  
OWNER'S REPRESENTATIVE

\_\_\_\_\_  
DATE



FIRE HYDRANT WATER USAGE LOG

JOB NUMBER:

934394  
Wood/Yakima

DATE

6-4-93

SITE NAME AND LOCATION:

COMPANY

Olympus Environmental

DATE	INITIAL READING	FINAL READING	TOTAL GALLONS	COMMENTS
6-4-93	70960	70973	97	dust control + office water
6-7-93	70973	71212	1788	
6-9-93	71212	71604	2932	
6-14-93	71604	72290	<del>12611</del> 5131	
6-23-93	72290	72687	2969	
6-25-93	72687	72735	<del>7839</del> 359	
6-28-93	72735	73683	7091	
7-7-93	73683	73905	1660	
8-23-93	73905	78365	33360	
8-24-93	25430	25557	950	
8-24-93	78365	78529	1226	
8-25-93	78529	78641	838	
8-25-93	25557	25662	785	
8-26-93	78642	78809	1249	
8-26-93	25663	25786	920	
8-27-93	78809	79060	1877	
8-30-93	25786	25966	1346	
8-30-93	79060	79443	2865	
8-31-93	25966	26041	561	

SIGNED:

*Natalie Skamha*  
CONTRACTOR'S REPRESENTATIVE

9-24-93  
DATE

\_\_\_\_\_  
OWNER'S REPRESENTATIVE

\_\_\_\_\_  
DATE

FIRE HYDRANT WATER USAGE LOG

JOB NUMBER:

93-4394

DATE

8-31-93

SITE NAME AND LOCATION:

Woods / Akima

COMPANY

Olympus Environmental

DATE	INITIAL READING	FINAL READING	TOTAL GALLONS	COMMENTS
8-31-93	79443	79626	1369	Dust & Building
9-1-93	26041	26145	778	
9-2-93	26145	26300	1159	TO Building office
9-2-93	79626	80281	4899	
9-24-93	80281	80420	1039	

1  
2  
12  
1

Initial Final Total Gallons

Meter #1  
(4-2-93) 61281 #3 80420 #3 (9-24-93) (143,160 gal)

Meter #2  
(4-26-93) 24187 #4 26300 #3 (9-2-93) (15,805 gal)

158,965 gallons total

SIGNED:

Maile Sarmaha  
CONTRACTOR'S REPRESENTATIVE

9-24-93  
DATE

OWNER'S REPRESENTATIVE

DATE

APPENDIX C-8

Sanitary Landfill Disposal Tickets

CATERED

YAKIMA COUNTY SOLID WASTE  
TERRACE HGHTS

000716  
OLYMPUS ENVIRONMENTAL

P.O. BOX 1064  
KENT WA 98035

*Disposal*

Ticket # 066510  
07/28/93  
10:58  
VRC

Reference  
Origin

Cell

Vehicle

DESCRIPTION

-	Gross wt.	22640	TON	3.04
	Tare wt.	16560	Cu Yd	0
	Net wt.	6080	Count	0

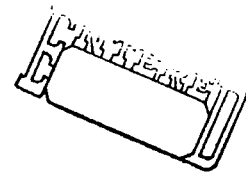
5	Garbage-Yard/Ton @ \$ 13.60 per TON	41.34
	Surcharge	0.01

State refuse tax		0.00
------------------	--	------

Net charge amount	41.35
-------------------	-------

Signature

*Ray Wilson*



YAKIMA COUNTY SOLID WASTE  
TERRACE HGHTS

000716  
OLYMPUS ENVIRONMENTAL

P.O. BOX 1064  
KENT WA 98035

Ticket # 066687  
07/28/93  
14:39  
VRC

*Disposal*

Reference  
Origin

Cell

Vehicle

DESCRIPTION

-	Gross wt.	28080	TON	5.76
	Tare wt.	16560	Cu Yd	0
	Net wt.	11520	Count	0

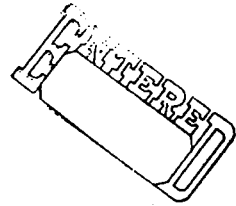
5	Garbage-Yard/Ton @ \$ 13.60 per TON	78.34
	Surcharge	0.01

State refuse tax	0.00
------------------	------

Net charge amount	78.35
-------------------	-------

Signature

*Ray Wilson*



YAKIMA COUNTY SOLID WASTE  
TERRACE HGHTS

000716  
OLYMPUS ENVIRONMENTAL

P.O. BOX 1064  
KENT WA 98035

Ticket # 066617  
07/28/93  
13:14  
VRC

*Disposal*

Reference  
Origin

Cell

Vehicle

DESCRIPTION

-	Gross wt.	26280	TON	4.86
	Tare wt.	16560	Cu Yd	0
	Net wt.	9720	Count	0

5 Garbage-Yard/Ton @ \$ 13.60 per TON 66.10

State refuse tax

0.00

Net charge amount

66.10

Signature

*Ray Wilson*

ENTERED

YAKIMA COUNTY SOLID WASTE  
TERRACE HGHTS

000716  
OLYMPUS ENVIRONMENTAL

Ticket # 066735  
07/28/93  
15:44  
VRC

P.O. BOX 1064  
KENT WA 98035

Reference  
Origin

Cell

Vehicle

DESCRIPTION

*Disposal*

-	Gross wt.	24720	TON	4.08
	Tare wt.	16560	Cu Yd	0
	Net wt.	8160	Count	0

5	Garbage-Yard/Ton @ \$ 13.60 per TON	55.49
	Surcharge	0.01

State refuse tax

0.00

Net charge amount

55.50

Signature

*Ray Wilson*

*Disposal*

LETTERED

YAKIMA COUNTY SOLID WASTE  
TERRACE HGHTS

000716  
OLYMPUS ENVIRONMENTAL

P.O. BOX 1064  
KENT WA 98035

Ticket # 063881  
07/21/93  
09:31  
MJP

Reference  
Origin

Cell

Vehicle

DESCRIPTION

-	Gross wt.	27360	TON	2.35
	Tare wt.	22660	Cu Yd	0
	Net wt.	4700	Count	0

5	Garbage-Yard/Ton @ \$ 13.60 per TON	31.96
	Surcharge	-0.01
	State refuse tax	0.00

Net charge amount 31.95

Signature

*Ray Wilson*

*Total \$ 55*

YAKIMA COUNTY SOLID WASTE  
TERRACE HGHTS

000716  
OLYMPUS ENVIRONMENTAL

P.O. BOX 1064  
KENT WA 98035

Ticket # 064136  
07/21/93  
14:55  
MJP

Reference  
Origin

Cell

Vehicle

DESCRIPTION

-	Gross wt.	29220	TON	3.28
	Tare wt.	22660	Cu Yd	0
	Net wt.	6560	Count	0



ENTERED

*DISPOSED*

YAKIMA COUNTY SOLID WASTE  
TERRACE HGHTS

000716  
OLYMPUS ENVIRONMENTAL

P.O. BOX 1064  
KENT WA 98035

Ticket # 063968  
07/21/93  
11:31  
MJP

Reference  
Origin

Cell

Vehicle

DESCRIPTION

-	Gross wt.	25700	TON	1.52
	Tare wt.	22660	Cu Yd	0
	Net wt.	3040	Count	0

5	Garbage-Yard/Ton @ \$ 13.60 per TON	20.67
	Surcharge	-0.02

State refuse tax

0.00

Net charge amount

20.65

Signature

*Ray Wilson*



Total \$152.65

YAKIMA COUNTY, WASHINGTON  
TERRACE HGHTS

000716  
OLYMPUS ENVIRONMENTAL

P.O. BOX 1064  
KENT WA 98035

Ticket # 052052  
06/23/93  
10:47  
VRC

Reference  
Origin

Cell

Vehicle DESCRIPTION

-	Gross wt.	33380	TON	5.25
	Tare wt.	22880	Cu Yd	0
	Net wt.	10500	Count	0

5 Garbage-Yard/Ton @ \$ 13.60 per TON 71.40

State refuse tax

0.00  
71.40

Net charge amount

Signature

Vehicle DESCRIPTION

-	Gross wt.	30300	TON	3.71
	Tare wt.	22880	Cu Yd	0
	Net wt.	7420	Count	0

5 Garbage-Yard/Ton @ \$ 13.60 per TON 50.46  
Surcharge -0.01

State refuse tax

0.00  
50.45

Net charge amount

Signature

Reference DEM  
Origin

Cell

Vehicle DESCRIPTION

-	Gross wt.	27620	TON	2.37
	Tare wt.	22880	Cu Yd	0
	Net wt.	4740	Count	0

6 Garbage-Ton/Yard @ \$ 13.00 per TON 30.81  
Surcharge -0.01

State refuse tax

0.00  
30.80

Net charge amount

Signature

**YAKIMA WASTE SYSTEMS, INC.**

P.O. BOX 2830  
YAKIMA, WASHINGTON 98907

REMIT TO  
YAKIMA WASTE SYSTEMS, INC.  
P.O. BOX 2830  
YAKIMA, WASHINGTON 98907

PRESORTED  
FIRST CLASS MAIL  
U.S. POSTAGE PAID  
YAKIMA, WA  
98907  
PERMIT NO. 111

ADDRESS CORRECTION  
REQUESTED

See reverse side for important information.

SERVICE ADDRESS KING ST E, 00002

CLOSING DATE	ACCOUNT NO.	PREVIOUS BALANCE
04/15/93	2177404	81.12

BILLING PERIOD : APRIL 1993	
04/15 TAXES AND FEES	4.03

APR 22 REC'D

93-4394

To:  
OLYMPUS ENVIROMENTAL INC

PO BOX 1064  
KENT, WA

98035-1064

PLEASE: NO HAZARDOUS OR LIQUID  
WASTE, NO TIRES, BATTERIES, OILS

APRIL 1993 Y

	ACCOUNT NO.	AMOUNT DUE
0.00	2177404	57.78
0.00		
		57.78

AMOUNT ON WHICH FINANCE CHARGE COMPUTED	FINANCE CHARGE	AMOUNT DUE	PLEASE RETURN THIS STUB WITH PAYMENT

RETAIN THIS STUB FOR YOUR RECEIPT

Page : 2

Payment due date: 05/15/93

**D**

APPENDIX D

Applicable Permits, Notifications, and Agreements

- D-1 Woods Fact Sheet
- D-2 Requests for Extension for Soil Removal Activities
- D-3 Completed Well Construction Forms
- D-4 Solid Waste Disposal Agreement

APPENDIX D-1  
Woods Fact Sheet



March , 1993

## **Woods Fact Sheet Yakima, Washington**

*Recently, Burlington Northern Railroad (BNRR) contractors completed Phase I of a removal at the Woods Industries site at 1 East King Street in Yakima. The removal is based on results of an investigation into the nature and extent of contamination at the site. The investigation, completed in September 1992, found high levels of pesticides on site. Of most concern is DDT, which has been found in concentrations of 30,000 parts per million (ppm); Hexachlorobenzene with concentrations of 23,000 ppm; and Dieldrin at 200 ppm.*

### **Phase I Removal:**

In January 1993, BNRR contractors cleaned and demolished several buildings on-site. The contamination removed during the cleaning was taken to an approved disposal facility. Building debris containing visible pesticide contamination was taken to a RCRA landfill. Other debris was taken to a solid waste landfill. In addition, bags of asbestos stored in one of the buildings were removed and properly disposed of. Metal debris was salvaged and recycled.

### **Phase II Removal:**

The second and final phase of the removal will take place in two stages; excavation and treatment. Excavation will begin this March when the groundwater table is at its seasonal low. Treatment will begin during the summer or early fall and will be completed by early next year.

The excavation activities will include the removal of highly contaminated soils in the sump, washdown and lagoon areas of the site. All soils at the ground surface and below and adjacent to the seasonal high groundwater table exceeding the cleanup standards, will be removed. The soils will be placed on plastic liners and covered with plastic material to prevent release of contaminants. Excavation will take approximately two months to complete.

During the late summer/early fall, the soil will be treated by a process called low temperature thermal desorption. This process includes heating the soil to temperatures of between 400 and 750 degrees. The pesticides will be released from the soil as vapor and captured through condensation and carbon filters. The condensation will be separated into water and contaminants. The contaminants will be trucked to a treatment facility out of the state. Treated soils will be redeposited on-site once they have met the specified treatment standards. The thermal desorption unit will be removed from the site when the cleanup actions have been completed.

This treatment was chosen based on long-term effectiveness, short-term impact, cost effectiveness, and the proven ability, effectiveness and availability of the treatment technology.

As a precautionary measure, the cleanup workers will be wearing protective clothing to insure their safety while handling the contaminated material. Access to the site will be restricted during the removal, to authorized personnel with health and safety training.

For Further Information:

Another fact sheet will be released before treatment of the soils begins.

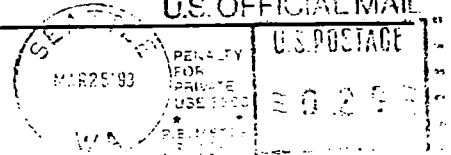
EPA encourages you to contact one of the following people if you have any questions or concerns about the activities at this site:

Bob Kievit, Site Manager, (206) 753-9014  
Krista Rave, Community Relations, (206) 553-6686  
or 1-800-424-4372



United States  
Environmental Protection  
Agency

Region 10 (HW-117-CR)  
1200 Sixth Avenue  
Seattle WA 98101



RECEIVED MAR 29 1993

DAVID EAGLETON  
BURLINGTON ENVIRONMENTAL  
P.O. BOX 330-310 WEST SAND BANK RD  
COLUMBIA, IL 62236-0330

Removal at Woods Industries Site



APPENDIX D-2

Requests for Extension for Soil Removal Activities

**BURLINGTON  
ENVIRONMENTAL**

June 15, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
C/O Washington State Department of Ecology  
Mail Drop PVII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Request for Extension of Date for Completion of  
Soil Removal Activities for the Woods  
Industries Site Yakima, Washington**

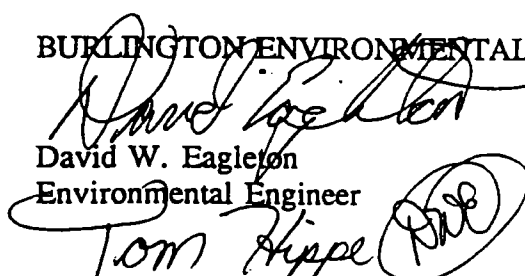
In accordance with the requirements of Administrative Order on Consent Number 1087-03-18-106 for soil removal and treatment signed March 29, 1993, Burlington Environmental Inc., on behalf of Burlington Northern Railroad (BNRR), requests that the schedule for completion of soil removal activities be extended by 60 days. This extension is necessary due to the volumes of soil being excavated at the site.

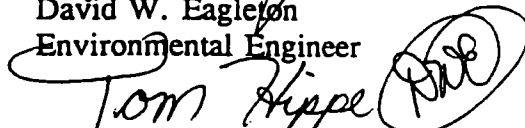
With approval of this extension, the completion date for soil removal activities would be on or before August 15, 1993.

Thank you for your continued cooperation on this project.

Sincerely yours,

BURLINGTON ENVIRONMENTAL INC.

  
David W. Eagleton  
Environmental Engineer

  
Thomas G. Hippe, P.E., CHMM  
General Manager  
Texas Division

DWE/TGH/jl/SREXT.LET

cc: Bruce Sheppard (BNRR)

Anne Little (BNRR)

Lee Otis (USEPA Region X)

Tom Backer (Preston, Thorgrimson)

Mark Fleri (Williams Environmental)

**BURLINGTON  
ENVIRONMENTAL**

August 12, 1993  
Project 12883088

Mr. Bob Kievit  
U.S. Environmental Protection Agency  
C/O Washington State Department of Ecology  
Mail Drop PVII  
Olympia, Washington 98504

Dear Mr. Kievit:

**Subject: Request for Extension of Date for Completion of  
Soil Removal Activities for the Woods  
Industries Site Yakima, Washington**

In accordance with the requirements of Administrative Order on Consent Number 1087-03-18-106 for soil removal and treatment signed March 29, 1993, Burlington Environmental Inc., on behalf of Burlington Northern Railroad (BNRR), requests that the schedule for completion of soil removal activities be extended by 30 days. This extension is necessary due to the volumes of soil being excavated at the site.

With approval of this extension, the completion date for soil removal activities would be on or before September 14, 1993.

Thank you for your continued cooperation on this project.

Sincerely yours,

**BURLINGTON ENVIRONMENTAL INC.**

*David W. Eagleton*

David W. Eagleton  
Environmental Engineer

*Tom Hippe*

Thomas G. Hippe, P.E., CHMM  
General Manager  
Southwest Region

DWE/TGH/jl/SREXT.LET  
cc: Bruce Sheppard (BNRR)  
Linda Priddy (USEPA Region X)  
Marla Stremcha (Olympus)

Anne Little (BNRR)  
Tom Backer (Preston, Thorgrimson)

APPENDIX D-3  
Completed Well Construction Forms

NOTICE OF INTENT TO BEGIN WELL CONSTRUCTION No 209913

Owner: Burlington No RR Well Address: #1 East King St. Yakima WA 98909  
 Proposed use: Resource Protection Well Abandonment  
 Location of well by legal description:  
 County Yakima NW 1/4, NE 1/4, Section 31 T 13N R 19E  
 Street Address if known: #1 East King St. Yakima WA 98909  
 Approx. Start Date: 4-30-93 Approximate End Date: 5-2-93  
 Driller: John Dolan License No. 1777  
 Company name: Burlington Environmental Phone No. 206 223-0336  
 Contractor Registration Number: JOHN MAI 110 KT

Send to the regional office, listed below, where the well is to be constructed:

Southwest Regional Office  
 Department of Ecology  
 7272 Cleanwater Lane  
 Olympia, Washington 98504-8811  
 (206) 586-8290

Northwest Regional  
 Department of Ecology  
 3190 - 180th Ave. SE  
 Bellevue, Washington 98008-5452  
 (206) 649-7044

Central Regional Office  
 Department of Ecology  
 3601 West Washington  
 Yakima, Washington 98903-1164  
 (509) 575-2382

Eastern Regional Office  
 Department of Ecology  
 N. 4801 Monroe, Suite 100  
 Spokane, Washington 99205-1295  
 (509) 456-4410



NOTICE OF INTENT TO BEGIN WELL CONSTRUCTION No 209914

Owner: Burlington No. RR Well Address: #1 East King St. Yakima WA  
 Proposed use: Resource Protection Well Abandonment  
 Location of well by legal description:  
 County Yakima NW 1/4, NE 1/4, Section 31 T 13N R 19E  
 Street Address if known: #1 East King St. Yakima WA 98909  
 Approx. Start Date: 4-30-93 Approximate End Date: 5-2-93  
 Driller: John Dolan License No. 1777  
 Company name: Burlington Environmental Phone No. 206 223-0336  
 Contractor Registration Number: JOHN MAI 110 KT

Send to the regional office, listed below, where the well is to be constructed:

Southwest Regional Office  
 Department of Ecology  
 7272 Cleanwater Lane  
 Olympia, Washington 98504-8811  
 (206) 586-8290

Northwest Regional  
 Department of Ecology  
 3190 - 180th Ave. SE  
 Bellevue, Washington 98008-5452  
 (206) 649-7044

Central Regional Office  
 Department of Ecology  
 3601 West Washington  
 Yakima, Washington 98903-1164  
 (509) 575-2382

Eastern Regional Office  
 Department of Ecology  
 N. 4801 Monroe, Suite 100  
 Spokane, Washington 99205-1295  
 (509) 456-4410



NOTICE OF INTENT TO BEGIN WELL CONSTRUCTION No 209915

Owner: Burlington No. RR Well Address: #1 East King St. Yakima WA 98909  
 Proposed use: Resource Protection Well Abandonment  
 Location of well by legal description:  
 County Yakima NW 1/4, NE 1/4, Section 31 T 13N R 19E  
 Street Address if known: #1 East King St. Yakima WA 98909  
 Approx. Start Date: 4-30-93 Approximate End Date: 5-2-93  
 Driller: John Dolan License No. 1777  
 Company name: Burlington Environmental Phone No. 206 223-0336  
 Contractor Registration Number: JOHN MAI 110 KT

Send to the regional office, listed below, where the well is to be constructed:

Southwest Regional Office  
 Department of Ecology  
 7272 Cleanwater Lane  
 Olympia, Washington 98504-8811  
 (206) 586-8290

Northwest Regional

Central Regional Office  
 Department of Ecology  
 3601 West Washington  
 Yakima, Washington 98903-1164  
 (509) 575-2382

Eastern Regional Office

APPENDIX D-4

Solid Waste Disposal Agreement

92.4304

YAKIMA COUNTY

NO. 716

SOLID WASTE DISPOSAL AGREEMENT

The following hauler OLYMPUS ENVIRONMENTAL hereby requests charge account privileges and agrees to the following terms:

1. To abide by the Washington State Department of Ecology Regulations relating to WAC 173-304,200.
2. To dump loads of solid waste as directed by Yakima County and abide by all rules and regulations of Yakima County Landfills.
3. To pay Yakima County's established disposal fees, including a 10X delinquency charge on all outstanding balances, pursuant to Yakima County resolution #795-1991.
4. To make payment to Yakima County Solid Waste by the 15th day of the month following receipt of billing, and mail to:

YAKIMA COUNTY SOLID WASTE DEPARTMENT  
 ROOM 408, COUNTY COURTHOUSE  
 128 NORTH 2ND STREET  
 YAKIMA, WASHINGTON 98901

5. Failure to comply with said terms 1 through 4 will result in immediate cancellation of this charge account agreement.

Yakima County shall bill the hauler once monthly. Billings shall be the total of the signed receipts issued by the Caretaker for the calendar month.

This agreement becomes valid on the date approved by the Public Works Department.

When a new fee schedule is established by the Board of County Commissioners, it will be sent to you approximately 30 days prior to the effective date. If you wish to discontinue charging privileges, you must notify this office in writing. Unless cancellation notice is received, this agreement remains valid.

BILLING ADDRESS:

OLYMPUS ENVIRONMENTAL

P.O. BOX 1064

KENT, WA. 98035-1064

PHONE (206) 735-6625

\* Olympus Environmental, Inc.  
Haulers Name

EMC Gill  
Signature of Responsible Party

Lawrence E. McGill, Vice President, Operations  
Signing Party & Title (Please Print)

January 5, 1992  
Date

Approved by:

[Signature]

1-11-92

Approved Date

LOCAL  
48-4013