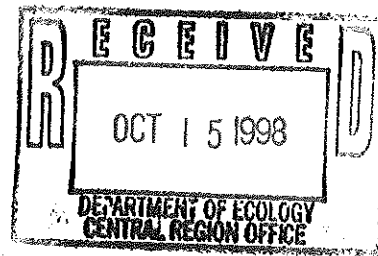


Independent Remedial Action Report



Site Location:

Colorado and North River Apartments
East Wenatchee, WA

WSI Job No. - VBC-0597

Prepared For:

Mr. Paul Page
Vaughn Bay Construction
6509 Lakewood Drive West
Tacoma, WA 98467

Prepared By:



White Shield Environmental
801 Grandridge Road
Grandview, WA 98930

October 2, 1998

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Figure 9	- Location of Remaining Soil Contamination

LIST OF ATTACHMENTS

Attachment A	Geotechnical Investigation Colorado Apartments
Attachment B	Department of Ecology Water Well Report
Attachment C	Phase I Environmental Site Assessment - Colorado Apartments
Attachment D	Phase I Environmental Site Assessment - North River Apartments
Attachment E	Phase II Characterization Report - Colorado & North River Apartments
Attachment F	Department of Ecology Letter Regarding On-Site Remediation
Attachment G	Photographs
Attachment H	Vaughn Bay Construction Documentation of Surface Soil Handling
Attachment I	Analytical Analysis

EXECUTIVE SUMMARY

White Shield, Inc. was contracted by Vaughn Bay Construction to implement an Independent Remedial Action located at 245 5th Street NE in East Wenatchee, Washington.

Based on laboratory analysis the top soil at the subject site contained constituents of lead and arsenic at levels above MTCA Method A Cleanup Levels. However in accordance with Washington Administrative Code 173-303-090 (8) the soils were not designated as dangerous.

After receiving analytical analysis, providing a cost estimate for off-site remediation, and communications with the Department of Ecology White Shield recommended on-site remediation of the contaminated soils. On-site remedial activities included the following activities:

- Surficial soil excavation to 6 inches below ground surface (bgs) across the site;
- Additional excavations from the drainage pond and eastern portion of the site;
- On-site burial pit excavation and geofabric lining;
- Deposition and compaction of affected surficial soils into a remedial burial pit;
- Capping of remedial burial pit with impermeable liner, and two feet of clean soil; and,
- Confirmatory grid sampling of site upon completion of remedial action.

Based on characterization and confirmatory sampling on-site contaminated soils are located in the following areas (see Figure 9):

- Remedial burial pit;
- Western portion of the site underlying 6 mil visqueen and varying amounts of clean fill as described in section 2.4; and,
- Eastern entry to the Colorado Apartments underlying asphalt.

Based on the conferences with the Department of Ecology, and in place institutional controls for the short term and long term, White Shield recommends that further action at the site be completed in accordance with the institutional controls described below.

Short term institutional controls include:

- Provide a copy of this report to any on-site personnel and confirm understanding of actions to be taken if integrity of on-site remedial soils are disturbed.
- Provide a copy of this report to any contractors in advance of work to be completed and discuss actions to be taken if integrity of on-site remedial soils are disturbed. In addition, any on-site work also needs to apply to long term institutional controls.

Long term institutional controls include:

- Notify and incorporate Department of Ecology and local city planning deed restriction for the site in accordance with WAC 173-340-440 (4)(a). Copy of the notice placed on the deed is located in Attachment G.
- Provide notice to and wait for approval of the Department of Ecology for any site construction projects which in any way would possibly disturb on-site remediated soils.
- Grant the Department and it's designated representatives the right to enter the property at reasonable times for the purpose of evaluating compliance, including the right to take samples, inspect any remedial actions taken at the site, and inspect records.

1.0 INTRODUCTION

1.1 Purpose

This report presents the results of White Shield, Inc.'s Site Characterization and Independent Remedial Action undertaken at the Colorado and North River Apartments located at 245 5th Street NE in East Wenatchee, Washington (Figure 1). This report has been prepared for Vaughn Bay Construction located at 6509 Lakewood Drive West in Tacoma, Washington to meet the requirements specified in the Model Toxics Control Act (MTCA) regulations WAC 173-340-350 and 173-340-360 for initial investigation and remediation of contaminated soils.

1.2 Geology

The subject property is located within the southeast portion of the Chiwaukum Basin (Graben). According to the soil survey of Douglas County the surficial site soils are described as Pogue Cobbly Fine Grained Loam and Quincy Loamy Fine Sand. The site topography is displayed in Figure 2. Surficial soils were deposited as a result of glacial erosion and subsequent glacial melt water deposition. The unconsolidated to semiconsolidated sedimentary rocks of the Quaternary Flood Sediments included: clay, gravel, siltstone, and conglomerates. The unconsolidated deposits included: sand, gravel, cobbles, clay, and silt. The area is enclosed by prominent northwest-southeast trending anticlinal ridges that, from north to south, include: Badger Mountain and Trosen Ridge

Well logs were not readily available within the site vicinity, however, geotechnical test pits from the site indicated the shallow soils are brown fine grained sandy silty loam with an underlying gray sandy gravel with cobbles (Attachment A). Test pits were excavated to a depth of 13 feet below ground surface. Groundwater was not encountered in any of the test pits. Based on the well logs stratigraphy of the Chelan County PUD #1 of Wenatchee, and comparable site elevations between the PUD site and the subject site, the depth to groundwater is approximated to be 110 feet below ground surface (Attachment B).

1.3 Previous Investigations

1.3.1 Phase I Environmental Site Assessment

White Shield performed a Phase I Environmental Site Assessment of the subject property on November 15, 1996 (Attachment C). Historical aerial photograph's and interviews identified the property usage as orchard land prior to the early 1950's. The site soils were considered as possibly containing lead arsenate according to neighbor Mr. Jim Zeller.

Based on this historical information and interviews White Shield recommended site characterization of the soils to determine concentration levels for lead and arsenic.

1.3.2 Phase II Site Characterization

On August 15, 1997 White Shield was contracted to complete a Phase II Environmental Site Characterization of the site soils described above in accordance with WAC 173-340-350 (Attachment E).

On August 15, 1997 Mr. Greg Thomas of White Shield, collected representative soil samples of the surficial soils at the subject site (Photograph 1 and 2, Attachment E). Samples were collected at various depths as shown in Table 1 of the Site Characterization Report and this report. Based on laboratory analysis the surficial site soils were identified as containing arsenic and lead above Model Toxic Control Act (MTCA) Method A Cleanup Levels. A Toxicity Characteristic Leaching Procedure (TCLP) was completed for both arsenic and lead on the soil sample reported with the highest lead and arsenic concentrations. The results of these samples confirmed the soil was not considered a dangerous waste according to Washington Administrative Code (WAC) 173-303-090 (8)(c).

1.4 Explanation of Remedial Actions Taken and Rationale for Selecting the Remedial Action

Based on the low levels of arsenic and lead analysis, low leachability values of these metal constituents, large volume of affected soils, depth to groundwater, and discussions with Mr. Mark Peterschmidt, representative of Ecology's Toxic Cleanup Program, White Shield recommended an On-site Independent Remedial Action for the effected soils in accordance with Washington Administrative Code 173-340-360 (9)(c). A follow up letter agreeing with this approach was provided by Mr. Mark Peterschmidt and is provided in Attachment E. The recommend action included the following:

- Surficial soil excavation;
- On-site burial pit excavation and geofabric lining;
- Deposition and compaction of affected surficial soils into a remedial burial pit;
- Capping of remedial burial pit with impermeable liner, and two feet of clean soil; and,
- Confirmatory grid sampling of site upon completion of remedial action.

Additional recommendations included:

- Providing engineering controls to prevent precipitation and runoff from coming into contact with affected soils.
- Long term controls to include institutional deed restriction.

Section 2.0 of this report describes the remedial action that was completed at the site and the areas where contamination is located on-site.

1.5 Institutional Controls

In order to limit or prohibit activities that may interfere with the integrity of the on-site remedial action completed at this site White Shield recommends the following Short and Long term institutional controls be completed.

Short term institutional controls include:

- Provide a copy of this report to any on-site personnel and confirm understanding of actions to be taken if integrity of on-site remedial soils are disturbed.
- Provide a copy of this report to any contractors in advance of work to be completed and discuss actions to be taken if integrity of on-site remedial soils are disturbed. In addition, any on-site work also need to apply to long term institutional controls.

Long term institutional controls include:

- Notify Department of Ecology and local city planning and incorporate deed restriction for the site in accordance with WAC 173-340-440 (4)(a).
- Provide notice to and wait for approval of the Department of Ecology for any site construction projects which in any way would possibly disturb on-site remediated soils.
- Grant the Department and it's designated representatives the right to enter the property at reasonable times for the purpose of evaluating compliance, including the right to take samples, inspect any remedial actions taken at the site, and inspect records.

2.0 INDEPENDENT REMEDIAL ACTION

2.1 Objective and Scope

White Shield began an independent remedial action at the site in accordance with Washington Administrative Code 173-340-360. This action was based upon initial field observations and soil sampling results during the site assessment and site characterization described in Section 1.3 of this report. The remedial action included:

- Surficial soil excavation to 6 inches below ground surface (bgs) across the site;
- Additional excavations from the drainage pond and eastern portion of the site;
- On-site burial pit excavation and geofabric lining;
- Deposition and compaction of affected surficial soils into a remedial burial pit;
- Capping of remedial burial pit with impermeable liner, and two feet of clean soil; and,
- Confirmatory grid sampling of site upon completion of remedial action.

The following is a detailed description of each task of the independent remedial action.

2.2 Surficial Soil Excavation

This portion documents the affected surficial soil removal, excavation of on-site remediation burial pit, and deposition of contaminated soils into remedial burial pit. Photograph documentary is provided in Attachment G of this report.

Mr. Terry O'Brien of Vaughn Bay Construction, Tacoma, Washington contracted and managed affected surficial soil removal, excavation of remedial burial pit, and deposition of contaminated soils into remedial burial pit. Between August 12 and September 2, 1997 Mr. O'Brien completed initial surficial soil scraping of upper six inches of soil (Photograph 3 and 4). The soil was scraped into various piles located on the site. These piles were estimated as 2,583 cubic yards of soil (Figure 3).

On September 2, 1997 Mr. Terry O'Brien and Mr. Greg Thomas, met to plan for remedial burial pit excavation and surficial soil burial. The discussion included information covered in the recommendations of the Phase II Site Characterization Report. Mr. O'Brien indicated he was supplied a copy of the Phase II Site Characterization Report. In addition, discussions included impermeable liner and capping requirements for the remedial burial pit. Mr. O'Brien also indicated he would provide photo documentary of the process. White Shield also completed further characterization sampling at 6 and 12 inches below post surface scraping level (Figure 4).

The excavation of the remedial burial pit began on September 9, 1997 on the southeast portion of the subject property and proceeded northward. As excavation activities proceeded northward, 6 mil visqueen was laid along the sidewalls and base of the excavation for minimizing the potential for migration in accordance with WAC 173-340-360 (9)(f) (Photograph 5 and 6). On September 12, 1997 contaminated surficial soil scrapings were deposited within the excavation and compacted in sections as the excavation proceeded northward (Photograph 7 through 9). The completed remedial excavation pit dimensions measured 35' east-west, 130' north-south, and 18' in depth (Figure 5-Photograph 9). A detailed description of the construction is provided in Attachment H.

2.3 Additional Site Excavation in the Drainage Pond and Eastern Site

Based on soil characterization values (Table 1) additional soil was excavated from two areas on the subject site and deposited in the remedial burial pit. One area was the site drainage pond located on the southwest portion of the site and the other was the eastern portion of the site (Figure 3).

An estimated 337 cubic yards of affected soil was excavated from the site drainage pond and a confirmatory bottom sample (VBC-0597-109-DPC) was collected. The sample was analyzed for arsenic and reported as non-detectable (Table 2). After discussions with Mr. Mark Peterschmidt an additional sample was collected for Organochlorine Pesticides which was found to be non detect (Table 3). In addition, visqueen was laid on the side walls of the drainage pond to minimize the potential for precipitation and subsequent runoff from coming in contact with contaminated soils in accordance with WAC 173-340-360 (9)(f) (Figure 6).

Site Characterization and Independent Remedial Action
Vaughn Bay Construction, E. Wenatchee, Washington

An estimated 886 cubic yards of affected soil was excavated from the eastern portion of the site (Figure 3). Confirmatory soil samples were collected from a grid pattern (Figure 7). The laboratory results indicated cleanup levels had been achieved for sections where samples VBC-0597-104-C and VBC-0597-105-C were collected Table 2. Based on these results, construction related soil mining began for the western building foundations shown in the Cut/Fill Location Report Map (Figure 8). The material excavated was described as a gray sandy gravel with cobbles (Photograph 12). The material was also used for the western site remedial action described in Section 2.4 of this report.

Confirmatory samples VBC-0597-101-C and VBC-0597-102-C were reported above cleanup levels. White Shield believes that the contaminated soil was the result of equipment tracking material to the remedial burial pit. Thus White Shield completed a second confirmatory sampling for this area which included Organochlorine Pesticides (Table 3). Analytical results indicated cleanup levels had been achieved for the north section, however an additional 6" of material was removed in the southern section due to elevated Arsenic values. Since the apartment complex was established and in place prior to removal only soil surrounding the complex were removed. The removed soil was placed under the asphalt entry to Colorado Apartment Complex and placed under institutional controls as discussed in the next paragraph.

Confirmatory sample VBC-0597-103-C was reported above cleanup levels (Table 2). White Shield recommends institutional controls in this area. This area is designated as being covered by asphalt and therefore no further excavation was completed.

2.4 Western Site Remedial Action

Upon completion of initial top soil removal in this area, Vaughn Bay began the transport of soil mining operations described in Section 2.3 of this report for the western building foundations and on-site remediation of the affected soils in this area. Prior to depositing the mined soils I discussed with Mr. Mark Peterschmidt on September 4, 1997 that additional soil contamination over the estimated volume described in the Phase II Characterization Report (Attachment D) would be covered with fill for foundations and thereby be unaccessible. Mr. Peterschmidt verified this solution for additional on-site remediation. Prior to depositing the mined soils Vaughn Bay Construction laid 6 mil visqueen liner over the affected soils on the western portion of the site to minimize precipitation in accordance with WAC 173-340-360(9)(f) (Photograph 13 and 14). In addition, Vaughn Bay placed slotted tubing around the perimeter of the on-site structures for collection of infiltrating precipitation on the buried visqueen according to Mr. O'Brien. The tubing is routed to the drainage pond in the southwest corner. The area and depths of fill is seen in the Cut/Fill Location Report (Figure 8). Thus all areas of the western area have been covered by visqueen, fill, buildings, asphalt and pose no environmental or health hazard under currently proposed land use.

3.0 ANALYTICAL LABORATORY ANALYSIS

All of the laboratory analysis were conducted by OnSite Environmental Inc., of Redmond, Washington, and Sound Analytical Services, Inc., of Tacoma, Washington, Ecology accredited laboratories. The laboratory analytical reports are presented in (Attachment I).

4.0 CONCLUSIONS

Soil assessment sampling at the subject property determined the soils to contain lead and arsenic. Further analysis proved that the lead and arsenic were not regarded as dangerous waste according to WAC 173-303-090 (8). Based on this information and conversations with Department of Ecology Central Region, Mr. Mark Peterschmidt, White Shield recommended an On-Site Independent Remedial Action be completed.

The remedial action included:

- Surficial soil excavation to 6 inches below ground surface (bgs) across the site;
- Additional excavations from the drainage pond and eastern portion of the site;
- On-site burial pit excavation and geofabric lining;
- Deposition and compaction of affected surficial soils into a remedial burial pit;
- Capping of remedial burial pit with impermeable liner, and two feet of clean soil; and,
- Confirmatory grid sampling of site upon completion of remedial action.

Based on characterization and confirmatory sampling on-site contaminated soils are located in the following areas:

- Remedial burial pit;
- Western portion of the site underlying 6 mil visqueen and varying amounts of clean fill as described in section 2.4; and,
- Eastern entry to the Colorado Apartments underlying Asphalt.

Figure 9 shows the areas where soil contamination is located at the site.

5.0 RECOMMENDATIONS

Based on the conferences with the Department of Ecology, and in place institutional controls for the short term and long term, White Shield recommends that further action at the site be completed in accordance with the institutional controls described in Section 1.5 of the report.

TABLE 1 SUMMARY OF SEPTEMBER 2nd, 1997 SOIL CHARACTERIZATION SAMPLES

SAMPLE #	LOCATION/DEPTH	ARSENIC		LEAD	
		6"	12"	6"	12"
VBC-0597-101-6 & 12	NE section of property/ 6" & 12"	37 ppm	26 ppm	6.1 ppm	NT
VBC-0597-102-6 & 12	SE section of property/ 6" & 12"	34 ppm	26 ppm	ND	NT
VBC-0597-103-6 & 12	Section directly west of SE section/ 6" & 12"	75 ppm	42 ppm	ND	NT
VBC-0597-104-6 & 12	Section directly west of NE section/ 6" & 12"	27 ppm	23 ppm	ND	NT
VBC-0597-105-6 & 12	Section directly north of VBC-0597-104-6 & 12 sample grid location/ 6" & 12"	27 ppm	21 ppm	ND	NT
VBC-0597-106-6 & 12	Section directly west of VBC-0597-105-6 & 12 sample grid location/ 6" & 12"	50 ppm	15 ppm	ND	NT
VBC-0597-107-6 & 12	Section directly south of VBC-0597-106-6 & 12 sample grid location/ 6" & 12"	36 ppm	22 ppm	ND	NT
VBC-0597-108-6 & 12	Section directly south of VBC-0597-107-6 & 12 sample grid location/ 6" & 12"	17 ppm	NT	ND	NT
VBC-0597-109-6 & 12	Section directly west of VBC-0597-108-6 & 12 sample grid location/ 6" & 12"	54 ppm	24 ppm	ND	NT
VBC-0597-1010-6 & 12	Section directly north of VBC-0597-109-6 & 12 sample grid location/ 6" & 12"	47 ppm	19 ppm	ND	NT
VBC-0597-1011-6 & 12	Section directly north of VBC-0597-110-6 & 12 sample grid location/ 6" & 12"	47 ppm	44 ppm	ND	NT
MTCA METHOD A CLEANUP LEVEL		20 ppm		250 PPM	
MTCA = Model Toxics Control Act PPM = Parts Per Million ND = Non Detect NT = Not Tested					

TABLE 2 SUMMARY OF SEPTEMBER 25th, 1997 CONFIRMATORY SOIL CHARACTERIZATION SAMPLES

SAMPLE #	LOCATION/DEPTH	ARSENIC
VBC-0597-101-C	NE section of property/ surface	73 ppm
VBC-0597-102-C	SE section of property/ surface	44 ppm
VBC-0597-103-C	Selection directly west of SE section/ surface	32 ppm
VBC-0597-104-C	Section directly west of NE section/ surface	19 ppm
VBC-0597-105-C	Section directly north of VBC-0597-104-C/ surface	ND
VBC-0597-109-DPC	Drainage Pond/ surface	ND
MTCA METHOD A CLEANUP LEVEL		20 ppm
MTCA = Model Toxics Control Act PPM = Parts Per Million ND = Non Detect NT = Not Tested		

TABLES

- TABLE 1 Summary of September 2nd, 1997 Soil Characterization Samples
- TABLE 2 Summary of September 25th, 1997 Confirmatory Soil Characterization Samples
- TABLE 3 Summary of February 19th, 1997 Second Confirmatory Soil Characterization

TABLE 1 SUMMARY OF SEPTEMBER 2nd, 1997 SOIL CHARACTERIZATION SAMPLES

SAMPLE #	LOCATION/DEPTH	ARSENIC		LEAD	
		6"	12"	6"	12"
VBC-0597-101-6 & 12	NE section of property/ 6" & 12"	37 ppm	26 ppm	6.1 ppm	NT
VBC-0597-102-6 & 12	SE section of property/ 6" & 12"	34 ppm	26 ppm	ND	NT
VBC-0597-103-6 & 12	Selection directly west of SE section/ 6" & 12"	75 ppm	42 ppm	ND	NT
VBC-0597-104-6 & 12	Section directly west of NE section/ 6" & 12"	27 ppm	23 ppm	ND	NT
VBC-0597-105-6 & 12	Section directly north of VBC-0597-104-6 & 12 sample grid location/ 6" & 12"	27 ppm	21 ppm	ND	NT
VBC-0597-106-6 & 12	Section directly west of VBC-0597-105-6 & 12 sample grid location/ 6" & 12"	50 ppm	15 ppm	ND	NT
VBC-0597-107-6 & 12	Section directly south of VBC-0597-106-6 & 12 sample grid location/ 6" & 12"	36 ppm	22 ppm	ND	NT
VBC-0597-108-6 & 12	Section directly south of VBC-0597-107-6 & 12 sample grid location/ 6" & 12"	17 ppm	NT	ND	NT
VBC-0597-109-6 & 12	Section directly west of VBC-0597-108-6 & 12 sample grid location/ 6" & 12"	54 ppm	24 ppm	ND	NT
VBC-0597-1010-6 & 12	Section directly north of VBC-0597-109-6 & 12 sample grid location/ 6" & 12"	47 ppm	19 ppm	ND	NT
VBC-0597-1011-6 & 12	Section directly north of VBC-0597-110-6 & 12 sample grid location/ 6" & 12"	47 ppm	44 ppm	ND	NT
MTCA METHOD A CLEANUP LEVEL		20 ppm		250 PPM	
MTCA = Model Toxics Control Act PPM = Parts Per Million ND = Non Detect NT - Not Tested					

TABLE 2 SUMMARY OF SEPTEMBER 25th, 1997 CONFIRMATORY SOIL CHARACTERIZATION SAMPLES

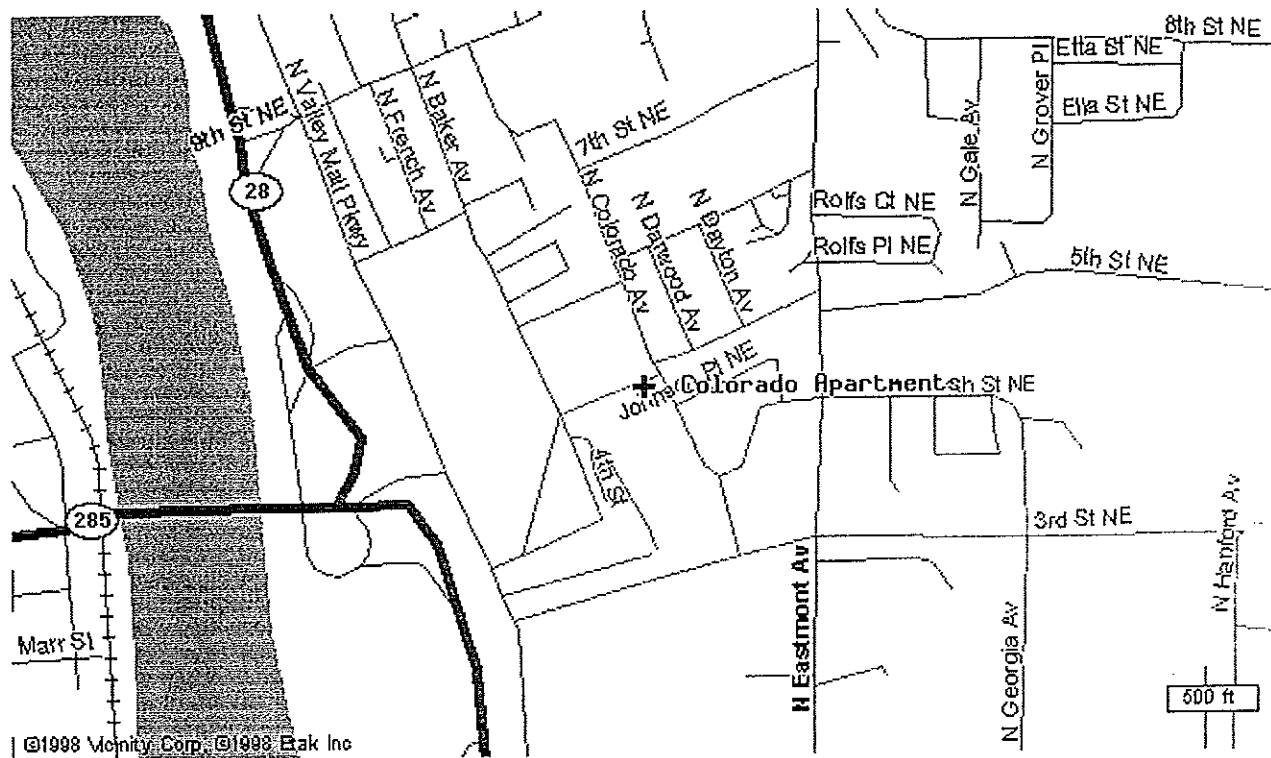
SAMPLE #	LOCATION/DEPTH	ARSENIC
VBC-0597-101-C	NE section of property/ surface	73 ppm
VBC-0597-102-C	SE section of property/ surface	44 ppm
VBC-0597-103-C	Selection directly west of SE section/ surface	32 ppm
VBC-0597-104-C	Section directly west of NE section/ surface	19 ppm
VBC-0597-105-C	Section directly north of VBC-0597-104-C/ surface	ND
VBC-0597-109-DPC	Drainage Pond/ surface	ND
MTCA METHOD A CLEANUP LEVEL		20 ppm
MTCA = Model Toxics Control Act PPM = Parts Per Million ND = Non Detect NT - Not Tested		

TABLE 3 SUMMARY OF FEBRUARY 19th, 1998 SECOND CONFIRMATORY SOIL CHARACTERIZATION SAMPLES

SAMPLE #	LOCATION/DEPTH	Organochlorine Pesticides	ARSENIC
VBC-0597-101-C2-S	NE section of property/ surface	2.7 ppb 4,4'-DDE	20 ppm
VBC-0597-102-C2-S	SE section of property/ surface	1.8 ppb 4,4'-DDT 2.7 ppb 4,4'-DDE	28 ppm
VBC-0597-102-C2-6"	SE section of property/6" bgs	NT	32 ppm
VBC-0597-Pool	Section directly west of NE section/ surface	ND	19 ppm
VBC-0597-109-DPC	Drainage Pond/ surface	ND	ND
MTCA METHOD A CLEANUP LEVEL		DDE and DDT 2.94 ppm	20 ppm
MTCA = Model Toxics Control Act DDE and DDT are Method B Cleanup Levels PPM = Parts Per Million PPB = Parts Per Billion ND = Non Detect NT - Not Tested			

FIGURES

- Figure 1 Site Location Map
- Figure 2 Site Location and Initial Topography Map
- Figure 3 Site Excavation Map
- Figure 4 Second Site Characterization Sampling Locations
- Figure 5 Cross Section of On-Site Remedial Burial Pit
- Figure 6 Cross Section of Drainage Pond
- Figure 7 Eastern Site Confirmatory Soil Sample Locations
- Figure 8 Cut/Fill Location Report Map
- Figure 9 Location of Remaining Soil Contamination



▲▲▲ WSI



Quadrangle Location

Job No.: VBC-0597

SITE LOCATION MAP

Colorado Apartments
East Wenatchee, WA

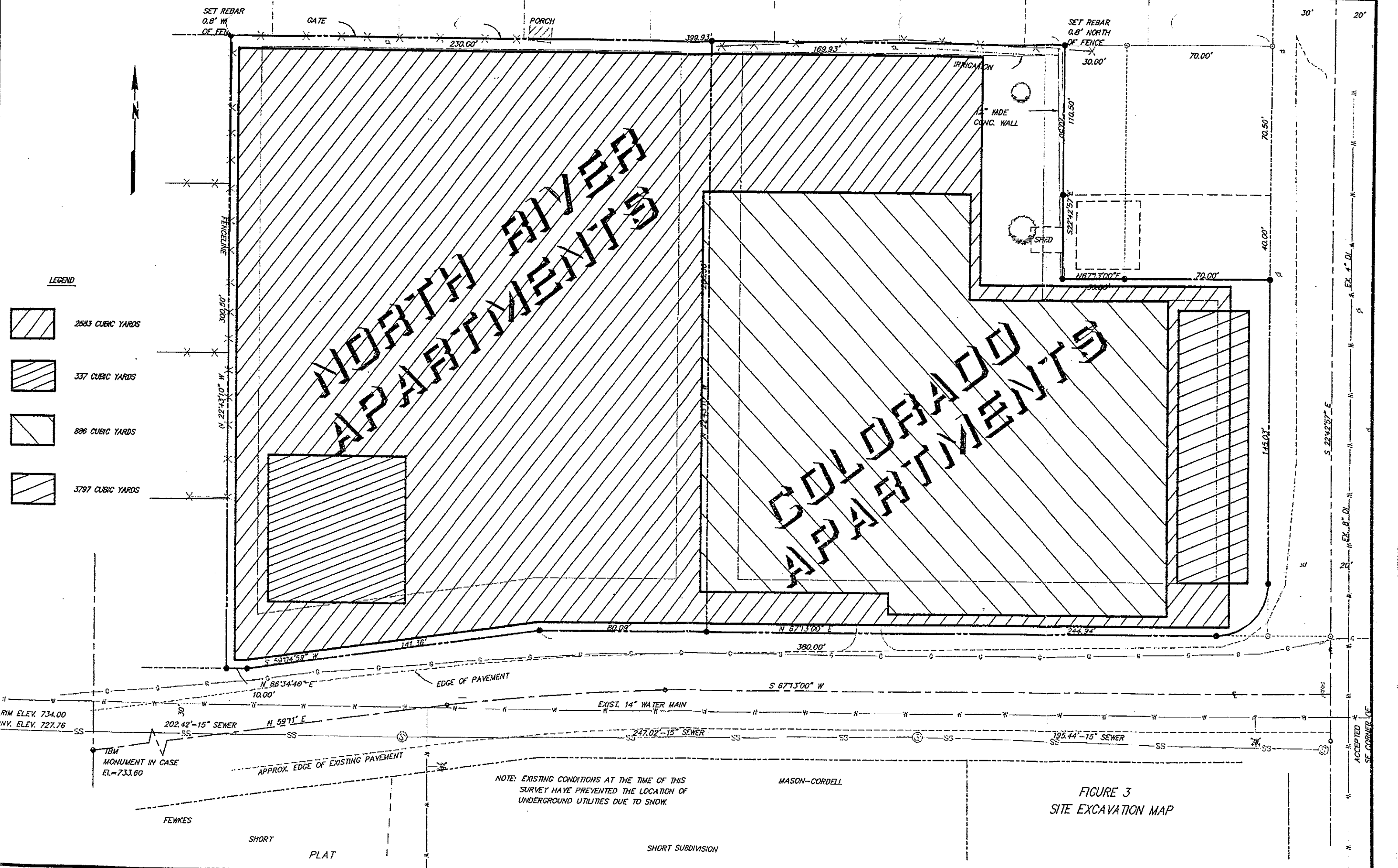
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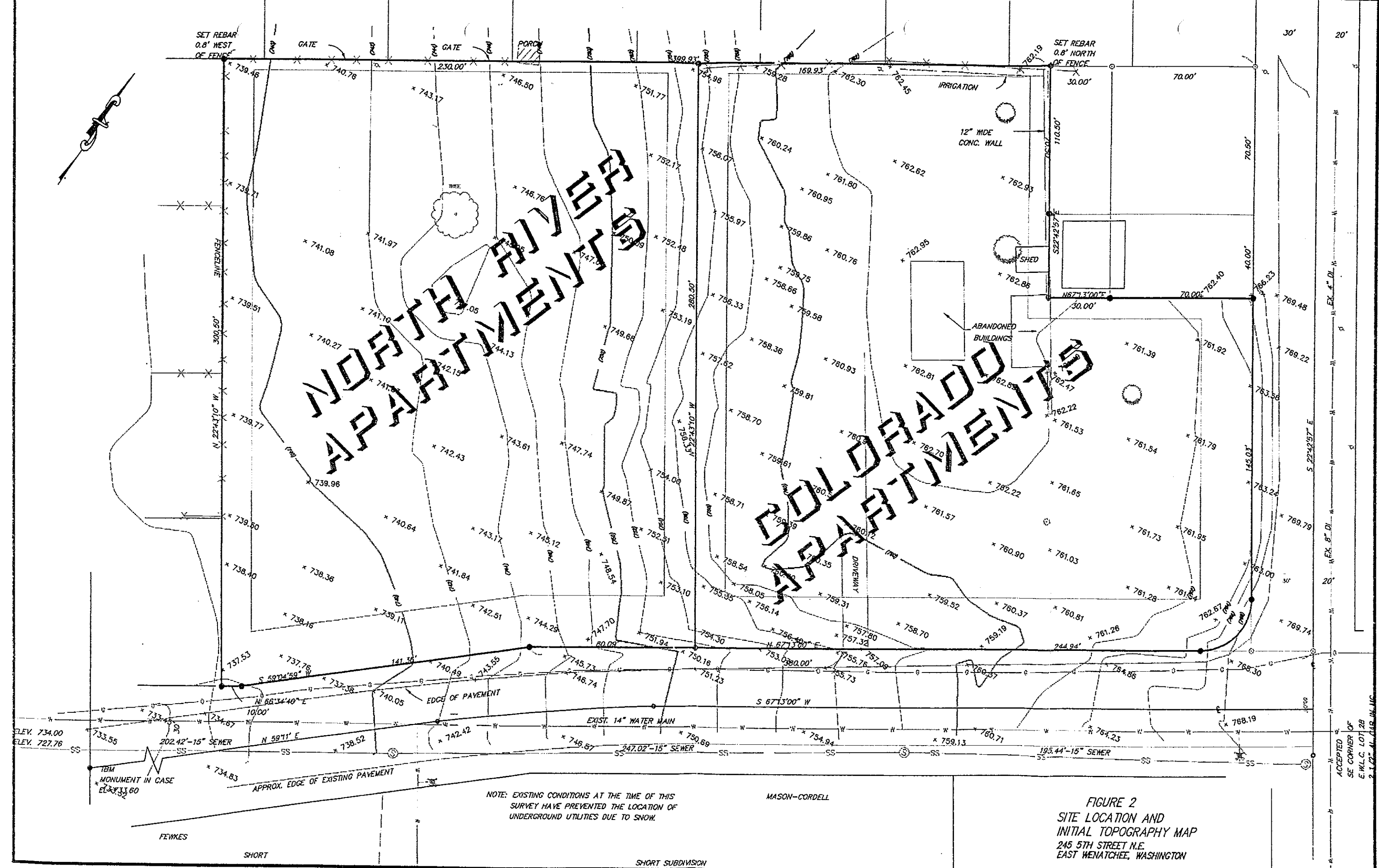
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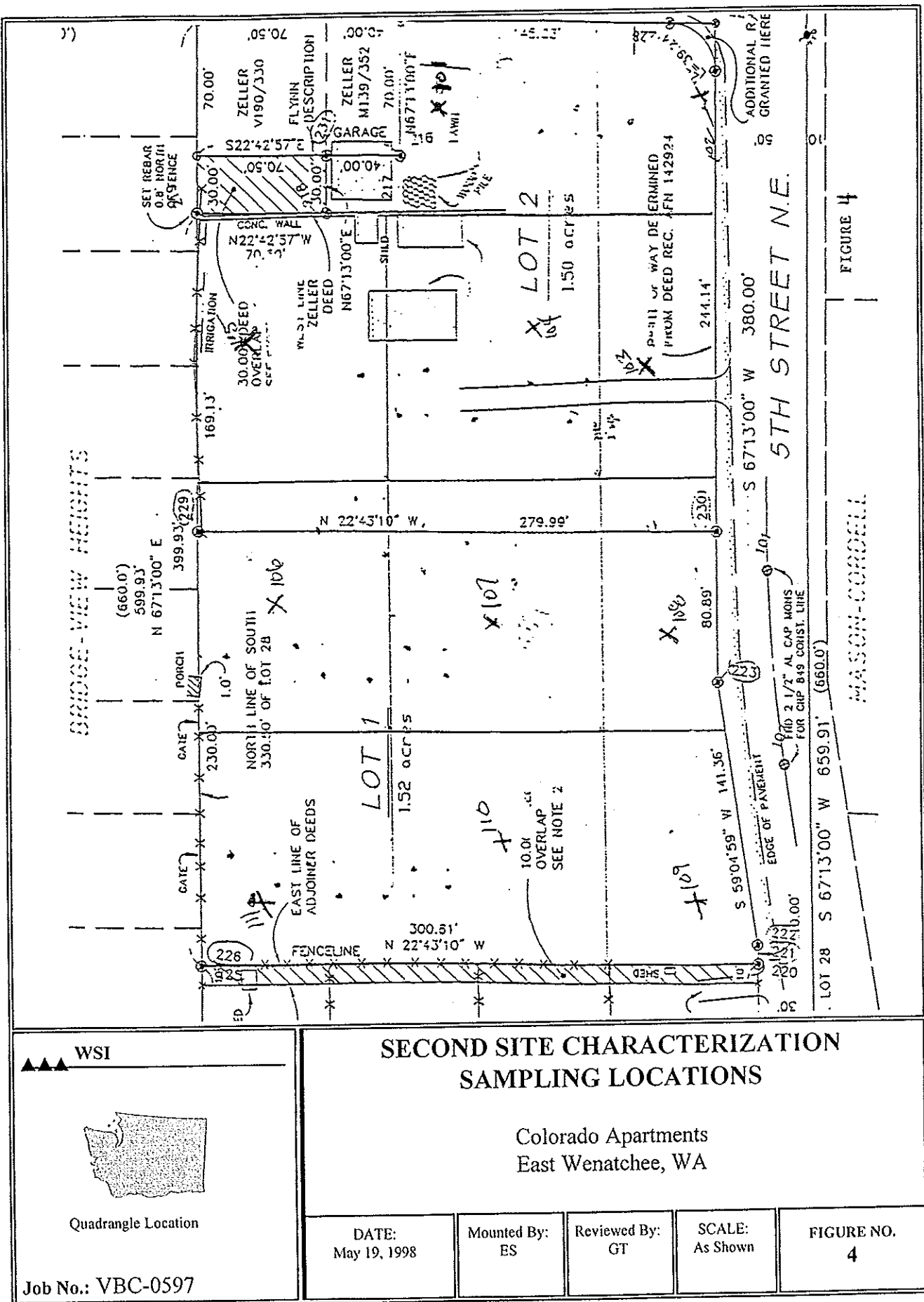
Reviewed By:
GT

SCALE:
As Shown

FIGURE NO.
1







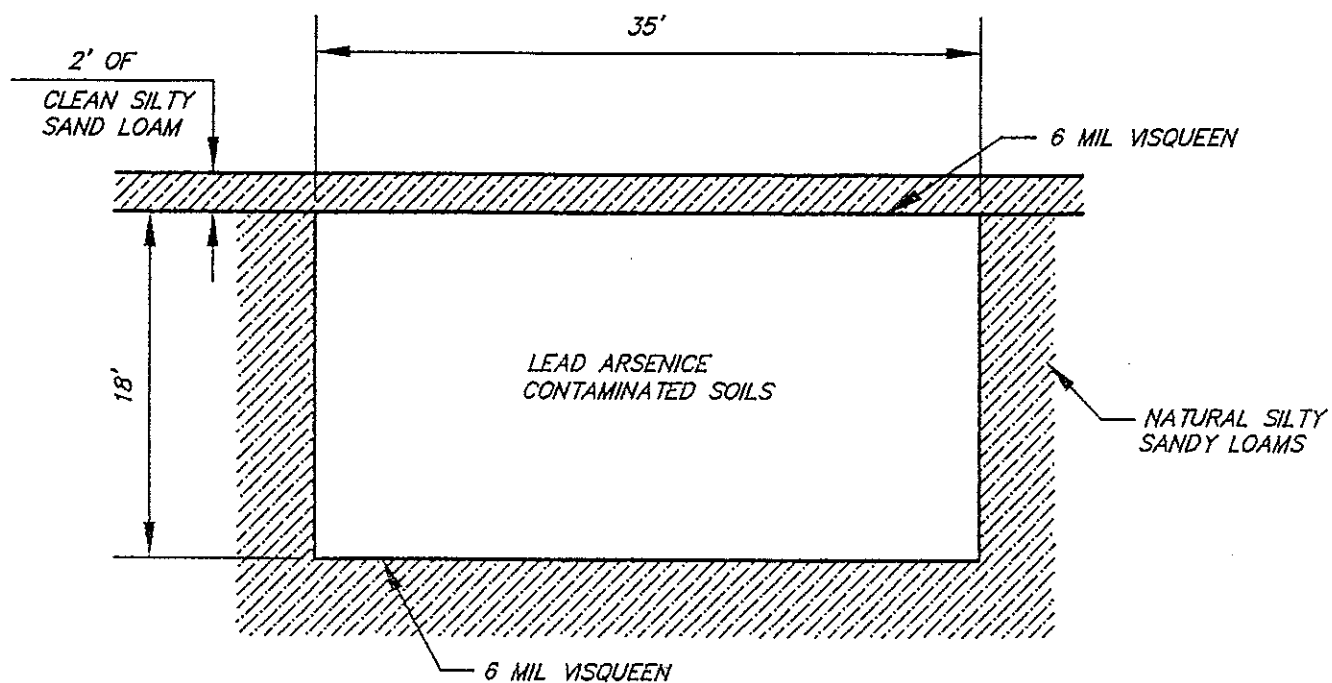
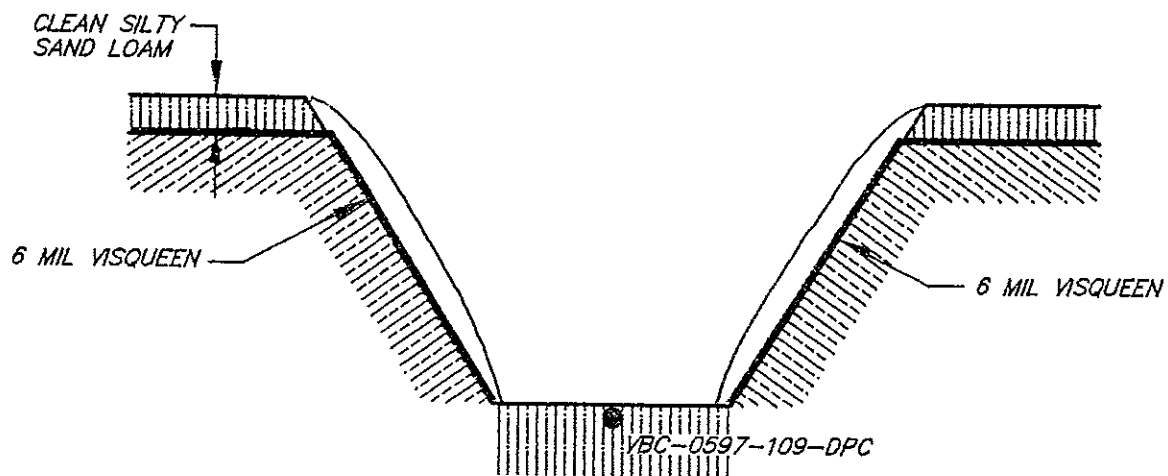


FIGURE 5

CROSS SECTION OF ON-SITE
REMEDIAL BURIAL PIT

NOT TO SCALE



LEGEND



- SAMPLE LOCATION
-  CLEAN SILTY SAND LOAM
-  CONTAMINATED SILTY SANDY LOAMS
- 6 MIL VISQUEEN

FIGURE 6

CROSS SECTION OF DRAINAGE
POND AND SOIL SAMPLE LOCATION

NOT TO SCALE

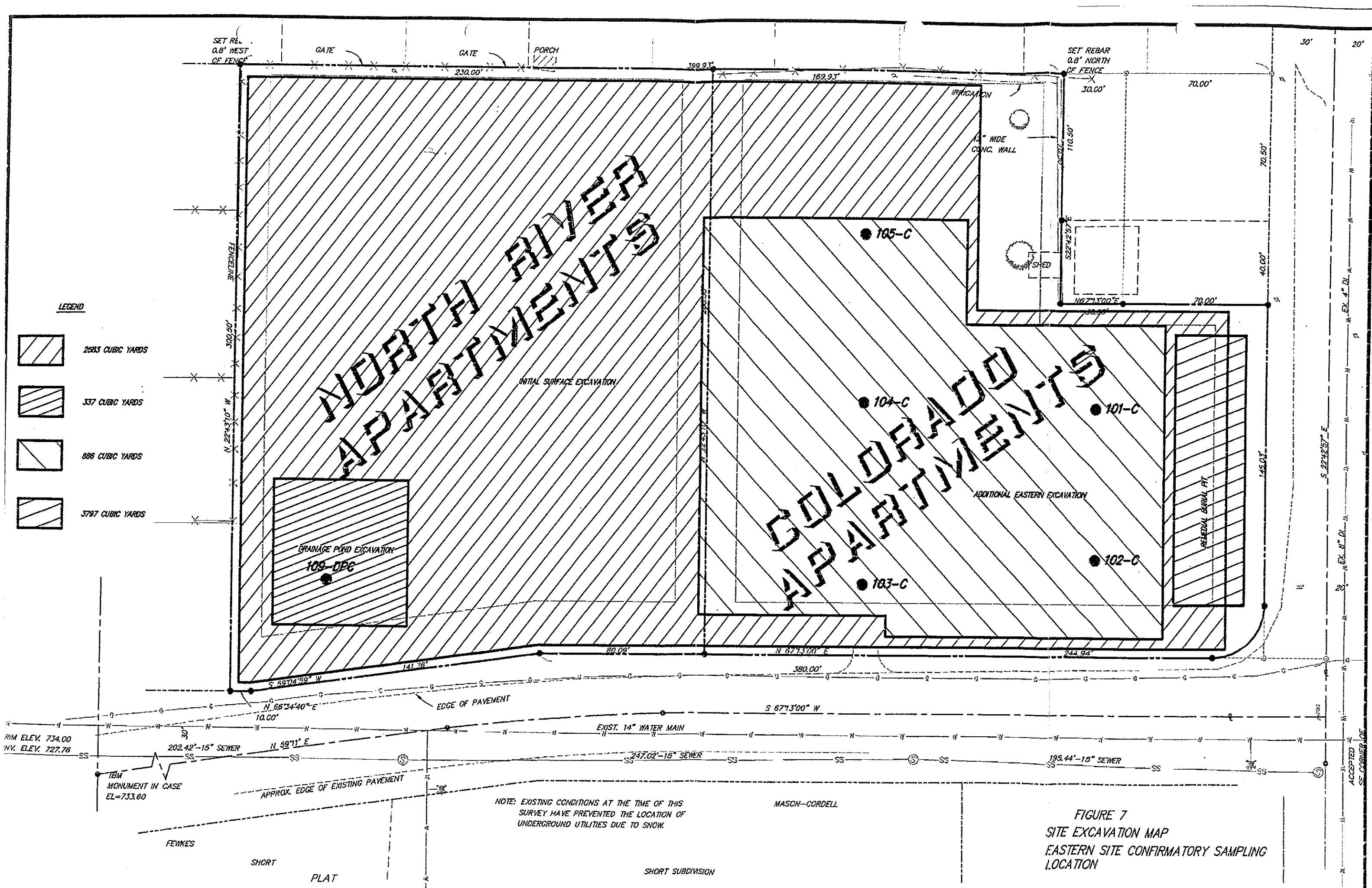
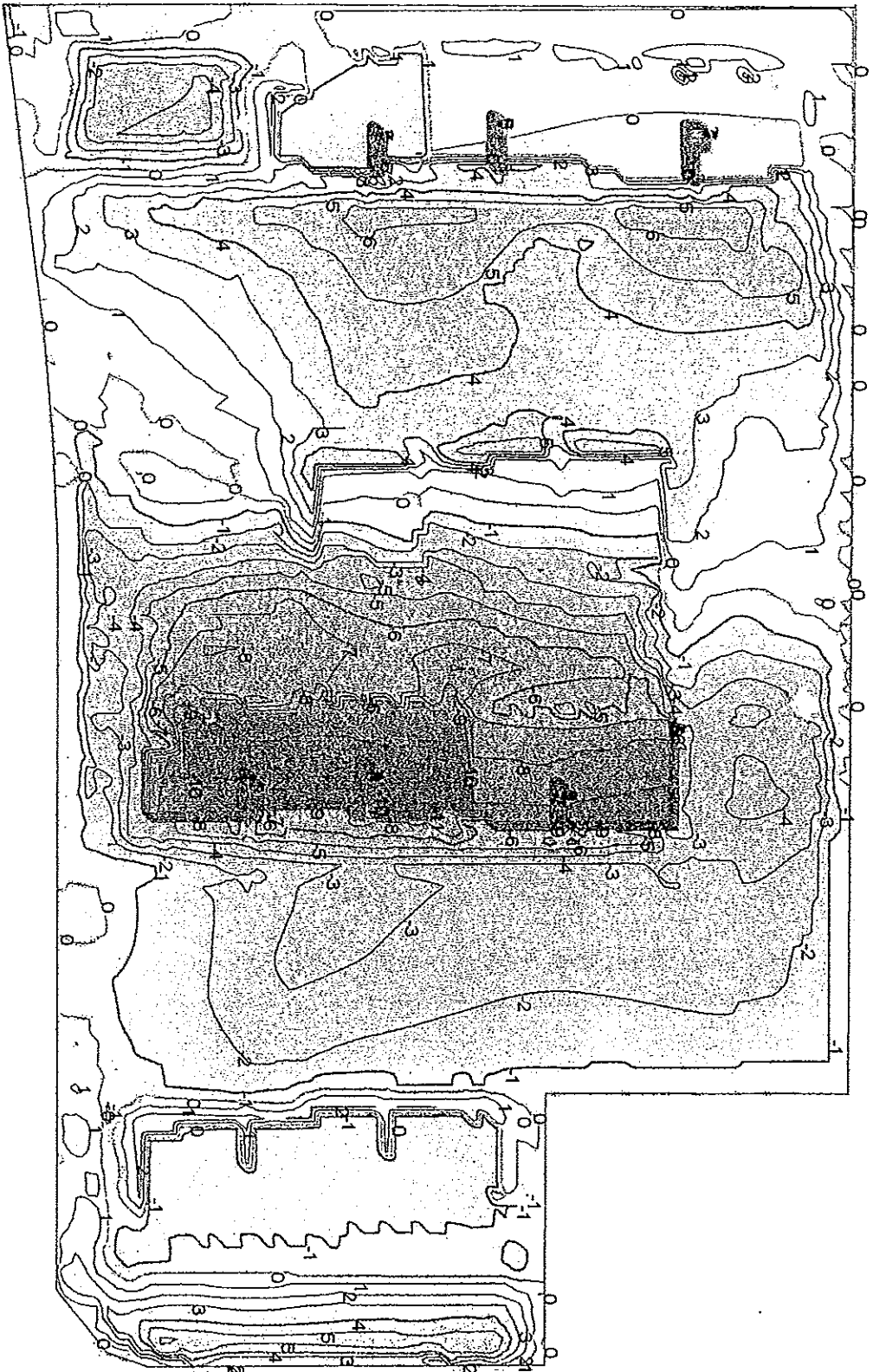


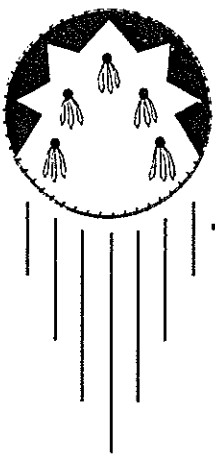
FIGURE 7
SITE EXCAVATION MAP
EASTERN SITE CONFIRMATORY SAMPLING
LOCATION



E. WENATCHES, WA.
N. RIVER / Columbia Ave.
MOUNTAIN BOY CONVT. AL.

Figure 8

ATTACHMENT A



WHITE SHIELD, INC.

December 31, 1996

Corporate Office:
Grandview, WA

Mr. Paul Page
Vaughn Bay Construction
6509 Lakewood Drive West
Tacoma, WA 98467

Branch Offices:
Bellevue, WA
Portland, OR
Reno, NV

Re: Geotechnical Investigation and Foundation Recommendations for Proposed Colorado Apartments, East Wenatchee, Washington.

Dear Mr. Page:

Thank you for selecting White Shield, Inc. to provide you with geotechnical services. Please find enclosed two copies of the foundation recommendation report for the above project.

If you have any questions please feel free to contact the undersigned at (509)882-1144.

Respectfully submitted,
WHITE SHIELD, INC.

Steven D. Fischer, P.E.
Associate Engineer

Engineering



Surveying



Environmental



Planning

Geotechnical Investigation and Foundation Recommendations



SITE LOCATION:

Proposed Colorado Apartments
East Wenatchee, WA



PREPARED FOR:

Mr. Paul Page
Vaughn Bay Construction
6509 Lakewood Drive West
Tacoma, WA 98467

WHITE SHIELD

P.O. Box 477
Grandview, WA 98930-0477



ENVIRONMENTAL

(509)882-1144 VOICE
(509)882-4566 FAX

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1.0 Introduction

This report has been prepared to provide a summary of exploratory soil investigations at the site of the proposed Colorado Apartments. The property is described as: "The South 330.5 feet of lot 28, East Wenatchee Land Company's Plat of Section 11 and part of Section 2, Township 22 North, Range 20 East, W.M., Douglas County, Washington, Except the North 110.5 feet of the East 100 feet thereof, Also Except the West 335 feet thereof, And Except that part deeded for 5th Street NE to Douglas County recorded May 11, 1965, under Auditor's No. 142924." The site is at the northwest corner of 5th Street N.E and Colorado Avenue, East Wenatchee, Washington (Figure 1-Site Location Map).

Greg Thomas, White Shield, Inc. Geologist, conducted a field investigation on November 13, 1996 to examine existing soil conditions. Fourteen backhoe pits, ranging in depths between 7.5 to 13 feet, were excavated at the site. The test pits may not fall within the footprint of the proposed apartment buildings as the locations of the apartment buildings were not finalized at the time of field investigation.

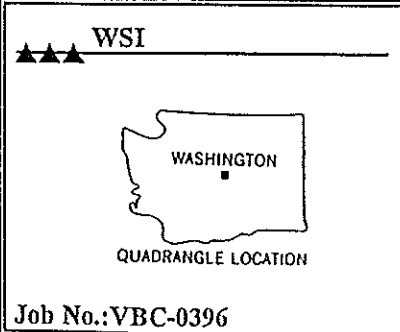
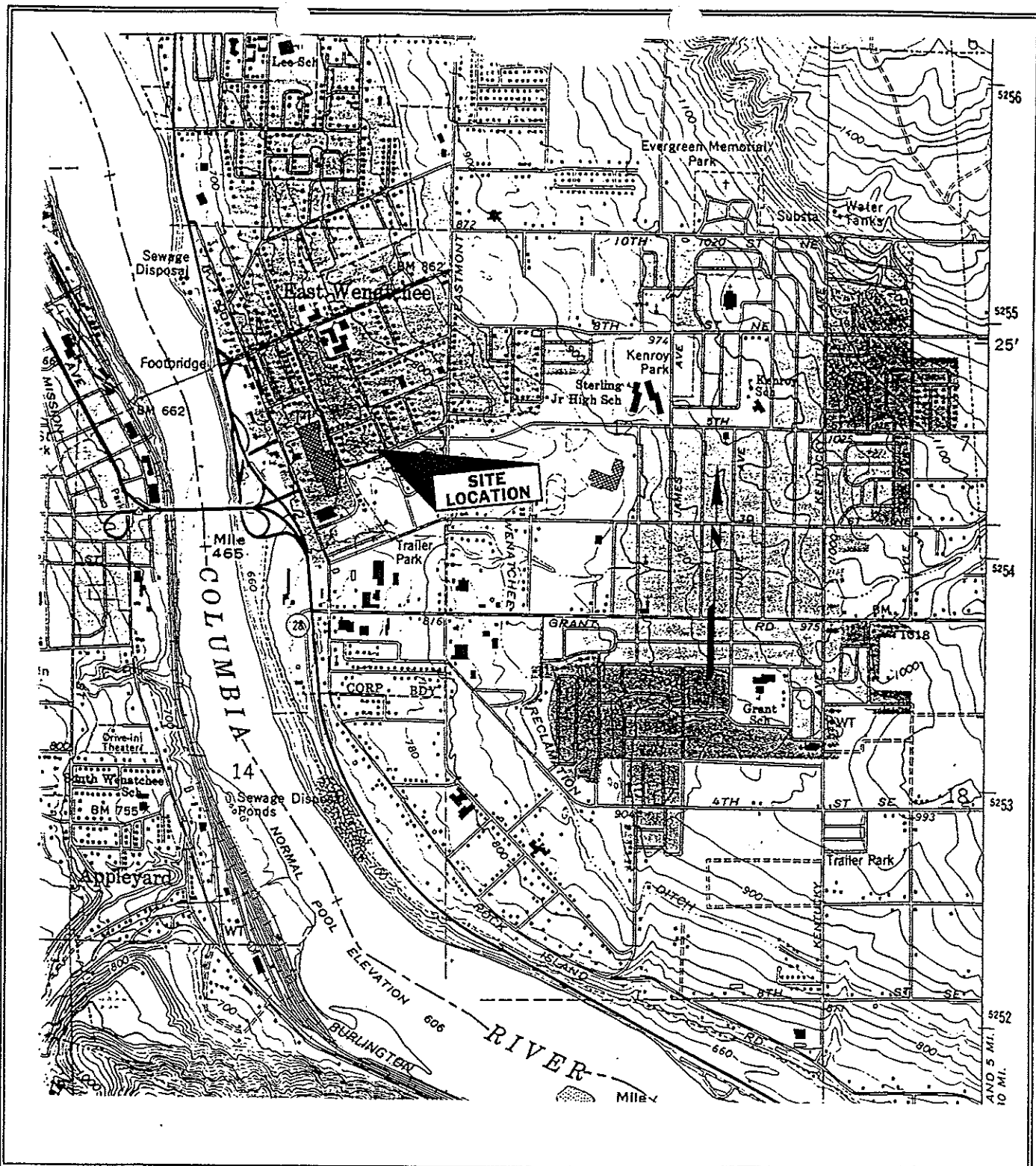
2.0 Site Geology

The subject property is located within the southeast portion of the Chiwaukum Basin (Graben). The surficial sediments deposited in this area were a result of glacial erosion and subsequent deposition of glacial melt waters. The unconsolidated to semi-consolidated sedimentary rocks of the Quaternary Flood Sediments include: clay, gravel, siltstone, and conglomerates. The unconsolidated deposits include: sand, gravel, cobbles, clay, and silt. The area is enclosed by prominent northwest-southeast trending anticlinal ridges that, from north to south, include (1) Badger Mountain, and (2) Trosen Ridge.

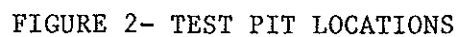
Well logs were not readily available within the site vicinity, however, based on the well logs, stratigraphy of Chelan County PUD #1 of Wenatchee, and comparable site elevations between the PUD site and the subject site, the depth to groundwater is approximately 110 feet below ground surface. Test pits were excavated to a maximum depth of 13 feet below ground surface. Groundwater was not encountered in any of the test pits.

3.0 Site Investigation

The proposed Colorado Apartment site slopes approximately 5% to the west. The Record of Survey indicates two abandoned buildings and a shed in the northwestern portion of the subject property, and shows an access road to the property from 5th Street NE.. The western edge of the property is adjoined by Lot 1 of East Wenatchee Land Company's Plat of Section 11 and part of Section 2, Township 22 North, Range 20 E.W.M.. An existing residential development bounds the property to the north. Fifth Street's and Colorado Avenue's right-of-way form the southern and eastern boundaries of the subject property.



<div>Site Location Map Colorado Apartments</div>			<div>SCALE 1:24 000</div>	
<div><div>10000000</div><div>CONTOUR INTERVAL 20 FEET</div><div>NATIONAL GEODETIC VERTICAL DATUM OF 1929</div></div>				
<div>DATE: November 25, 1996</div>	<div>Mounted By: ES</div>	<div>Reviewed By: GT</div>	<div>SCALE: As Shown</div>	<div>FIGURE NO. 1</div>



Our investigation did not uncover any evidence of old foundations, basements, drain fields, septic tanks or excavations other than those shown on the Record of Survey. The parcel is covered with a few scattered trees and native grasses. No standing water was noted on the site during the field investigation. A 6-inch pipe was excavated at a depth of 3 feet in Test Pit #7.

A backhoe was used to excavate twelve test pits (Figure 2- Test Pits Location). The test pits ranged in depth from 7.5 feet to 13 feet. The pits were logged by Greg Thomas, WSI Geologist. Representative bulk soil samples were collected for laboratory analysis.

The topsoil layer extends to a depth of approximately 6 to 10 inches below the ground surface. It consists of non plastic, friable, medium stiff, brown fine grained sandy silt. The roots extend to a depth of approximately 2' below the ground surface. The fine grained, brown, non-plastic soil layer ranged in depth from the surface to 5 feet below the ground surface. A light grey gravelly sand layer that ranged in depth between 0.5 feet and 1.5 feet was intersected beneath the fine grained sandy silt layer in Test Pits 1,2, 3, 4, and 5. It was intersected between 4 feet and 6 feet below the surface. A loose sandy gravel layer was encountered beneath the light grey gravelly sand layer. In Test Pits #6, 7, 8, 9, 10, 11, 12, a loose sandy gravel layer was encountered between 0.5 to 2 feet beneath the surface and it extended to the bottom of the test pits.

4.0 Soil Data

Bulk soil samples for laboratory analysis were collected from Test Pit #1 and Test Pit #2. The bulk sample from Test Pit #1 was collected at 2 feet below the surface. The sample from Test Pit #2 was collected from 4.5 feet below the ground surface. These samples were submitted to Strata (Richland, Washington) for laboratory testing.

The material from Test Pit #1 was silt with trace of sand with 2.1 % clay and 1.4% colloids with a maximum density [ASTM D1557] of 117 pounds per cubic foot (pcf) and an optimum moisture of 10.5%. A sieve analysis [ASTM D-422] was run on this material with 34.0% of the material passing the #200 sieve.

Bulk samples from Test Pit #2 consisted light grey/tan sand with a maximum density [ASTM D-1557] of 113.0 pcf and an optimum moisture content of 18.5%. A sieve analysis [ASTM D-422] was run on the material with 1.6% passing the #200 sieve. The sand material is non-cohesive and cannot be adequately compacted. Lab results are attached in Appendix B of this report.

5.0 Soil Bearing Capacity and Foundation Recommendations

Based upon information supplied by the client we are of the understanding that the building foundations will consist of conventional spread footings with uniform loading. The effect of heavy isolated column loads are not being considered in this report.

Based on the encountered site conditions, the proposed apartment buildings can be supported utilizing conventional spread footings bearing on the native soils located at shallow depths below the existing ground surface. The building and pavement areas should be stripped and cleared of all surface vegetation and topsoil. Based on the thickness of the topsoil layer encountered in the test pit excavations, we estimate a stripping depth of 6 to 10 inches. Stripped materials should not be mixed with any materials to be used as structural fill, nor should any of the topsoil material be used to fill areas under buildings or pavements.

6.0 Conclusions and Recommendations

We recommend that all perimeter and isolated column footings shall be designed for a maximum allowable bearing of 2000 pounds per square foot if footings are placed on the silt. If footing are placed upon the gravelly sand, an allowable bearing of 3,000 pounds per square foot may be used. We recommend that the footings be overexcavated 6 to 12 inches below the bottom of the concrete footing and backfilled with compacted crushed stone or aggregate.

The fine light grey/tan sand material should be considered as unsuitable material for foundation bearing and should be removed from foundation areas. Footings should be probed prior to forming to locate any soft or loose areas. Footing subgrade areas should be compacted in place to densify any disturbed areas. We recommend that a WSI engineer inspect all footing excavations prior to forming to assure adequate bearing capacity conditions have been achieved. Any soft or loose areas shall be compacted or over excavated and replaced with structural fill to a depth that will provide a stable subgrade. Any fill material placed under footings, slabs, or pavement areas shall be compacted to 95% of maximum density [ASTM D-1557 (Modified Proctor)] and be placed at or within 2% of the optimum moisture content for the fill.

Fill should be placed in horizontal lifts not exceeding 12 inches in depth. A backhoe mounted vibratory plate compactor or a hand held plate compactor may be used for footing subgrade. A smooth vibratory drum roller may be used for slab-on-grade and pavement areas.

The native silty and sandy soil are not suitable for structural fill. If imported material is used, it should be free-draining and have a gradation that meets the minimum specification given in Table 1, unless approved by the geotechnical engineer.

Accurate locations of proposed buildings were not provided to White Shield prior to the site investigation. In the event that a foundation or paved area falls in the area disturbed by the test pits, the area should be overexcavated and backfilled with structural fill prior to placement of footings. Pits should be excavated to the depth as indicated on the pit logs.

Table 1

US Standard Sieve Size	Percent Passing by Dry Weight
3 inch	100
3/4 inch	50-100
No. 4	25-65
No. 10	10-50
No. 40	0-20
No. 200	5 maximum

With structural loading as expected, total settlements ranging between approximately one-half to one inch, and differential settlements of approximately one-half inch are possible. Most of the anticipated settlements should occur during construction as dead loads are applied.

7.0 Limitations

In performing our professional services, WSI uses a degree of care ordinarily exercised under similar circumstances by members of our profession. No warranty, expressed or implied, is made or intended. Our conclusions and recommendations, developed from our field and laboratory investigation reported herein, are based upon this firm's understanding of the project and are in concurrence with generally accepted practice.

APPENDIX A



P.O. BOX 477
GRANDVIEW, WA
98030
(509) 882-1144

JOB: VBC-0296 DATE: 11/13/96 LOCATION: East Wenatchee
PROJECT: Colorado Apartments Colorado Apartment Site
PIT #: 1 INSPECTOR: WEATHER: Sunny with Clouds

GW
ROT
TUNER
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PIT SIDE:
Excavation Dimensions
12' N-S
5' E-W

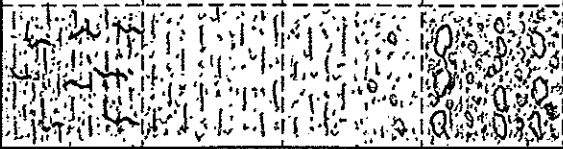
SOIL DESCRIPTION
AND REMARKS

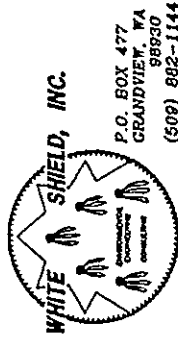
HORIZONTAL DISTANCE

Brown fine grained sandy
silt, dry, friable, medium
stiff, non sticky and non plastic,
roots to 2' bgs.
Sample VBC-0296-1-2
collected At 2' bgs, SPT ranged
from 1.5 to 2 at 2' and 4'
bgs.

At 5' bgs Light gray gravelly
sand with cobbles up to 4" in
diameter, dry, loose. SPT with
feet ranged from 0 to 1 at
5.0' in the loose gravelly sand.
Sample VBC-0296-1-6
collected at 6' bgs.

Bottom of Test Pit
8' bgs.





WHITE SHIELD, INC.

P.O. BOX 477
GRANDVIEW, WA
98930
(509) 882-1144

PIT #: 2

JOB: V320296 DATE: 11/13/96

LOCATION: East Wenatchee

PROJECT: Colorado Apartments

INSPECTOR:

WEATHER: Sunny with clouds

GRANDVIEW, VA 98930 (509) 882-1144						PIT SIDE: Excavation Dimensions 12' N-S 5' E-W	HORIZONTAL DISTANCE	Sunny with clouds	
SOIL DESCRIPTION AND REMARKS						DEPTH	SAMPLE	G.W. TABLE GROUND	
Brown fine grained sandy silt, dry friable, medium stiff, slightly sticky and slightly plastic, roots to 2' bgs SPT was 1.6 at 2' bgs Moisture present at 2' and extending to 4' bgs SPT at 3.5' bgs was 1.25 From 4' to 4.5' bgs light gray fine to medium grained sand, dry, very loose to loose. Sand description: sub angular, 30% silica, 30% feldspar, 40% micas SPT with fact 2.25/16 = .14 From 4.5' to 5' light gray gravelly sand with weak cementation, dry, friable. From 5' light gray sandy gravel with some cobbles up to 5" in diameter, dry, weak cementation in places, friable						2'			
						4'			
						4.5'			
						5'			
						6'			
						8'			
Bottom of Test Pit 8' bgs.									



WHITE SHIELD, INC.

P.O. BOX 477
GRANDVIEW, MA
01930
(508) 882-1144

PIT #: 3

JOB: VBC 0296
PROJECT: Colorado Apartments
INSPECTOR:

DATE: 11/13/96
LOCATION: East Wrentham

WEATHER: Sunny with clouds

SOIL DESCRIPTION AND REMARKS	PIT SIDE: Excavation Dimensions 12' W E-W 6' N-S		HORIZONTAL DISTANCE	
	DEPTH	SAMPLE	GRAVITY FOUNDER	
Brown fine grained sandy silt, moist, friable, medium stiff, non sticky and non plastic, roots to 2' bgs. SPT at 2' bgs was 2.25 SPT at 4' bgs was 2.0 4.5' gray fine grained sand, dry, very loose, sub angular, 30% silica, 30% feldspar, 40% mafics, SPT with foot 2.25/16 = .14 6' light gray sandy gravel with cobbles up to 5" in diameter, dry, weak cementation in places, friable	2			
	4			
	6			
	8			
	10			
Bottom of Test Pit 10' bgs				



P.O. BOX 477
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98030
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SOIL DESCRIPTION AND REMARKS

Brown fine grained sandy silt,
dry, friable, soft to medium stiff,
slightly sticky and slightly plastic,
roots to 2' bgs

SPT AT 2' bgs was .8

SPT AT 4' bgs ranged from
1.1 to 1.5

At 5' bgs light gray fine grained
sand, dry, very loose, sub angular
3% silica, 30% feldspar, 40%
mafics

At 6' Light Gray sandy gravel
with cobbles to 5" in diameter,
dry, with cementation in places

Bottom of Test Pit

8' bgs

JOB: VBC-0296 DATE: 11/13/96 LOCATION: East Wampanoag
PROJECT: Colorado Apartments

INSPECTOR:

WEATHER: Sunny

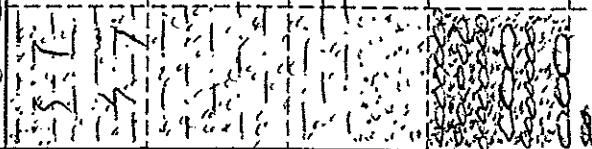
GW
RATER
UNDER

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PIT SIDE:

Excavation Dimensions HORIZONTAL DISTANCE
12' N-S
5' E-W

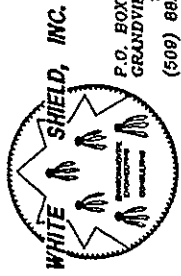


JOB: VBC 0296 DATE: 11/13/96 LOCATION: East Wendell
 PROJECT: Colorado Apartments
 INSPECTOR: WEATHER:



WHITE SHIELD, INC.
 P.O. BOX 477
 GRANDVIEW, WA 98930
 (509) 882-1144

PIT #: 5		PIT SIDE: EXCAVATION		HORIZONTAL DISTANCE	
SOIL DESCRIPTION AND REMARKS		DIMENSIONS		WEATHER	
GWA		DEPTH		SAMPLE	
UNDER		2'		12" N - S	
Brown fine grained sandy silt, dry, friable, medium stiff to hard in some more silty lenses, roots to 2' bgs		4'		5" E - W	
SPT at 2' bgs ranged from 1.1 to 1.5		5.5'			
SPT at 4' bgs ranged from 1.25 to 4.0		6'			
4' Gray fine grained sand, dry, very loose, subangular, 30% silica, 30% feldspar, 40% mafics		8'			
5.5' bgs Light gray sandy gravel with cobbles up to 5" in diameter, dry, weak cementation in places, friable.					
Bottom of Test Pit					
8' bgs					



JOB: VBC 8296 DATE: 11/13/96 LOCATION: East Wenatchee
PROJECT: Colorado Apartments WEATHER: Cloudy
PIT #: 6 INSPECTOR:

SOIL DESCRIPTION
AND REMARKS

0-1' bgs brown silty loam, dry, friable, medium stiff to hard.
SPT at 0.8' bgs was 1.25-2.75
1-1.5' Light gray sandy silt with some ash or clay, hard, friable
SPT at 1.25' bgs was 4.0
1.5'-8.6' Gray sandy gravel with cobbles, dry, very weak cementation in places.

Two photos taken of test pit.

Bottom of Test Pit 8' bgs

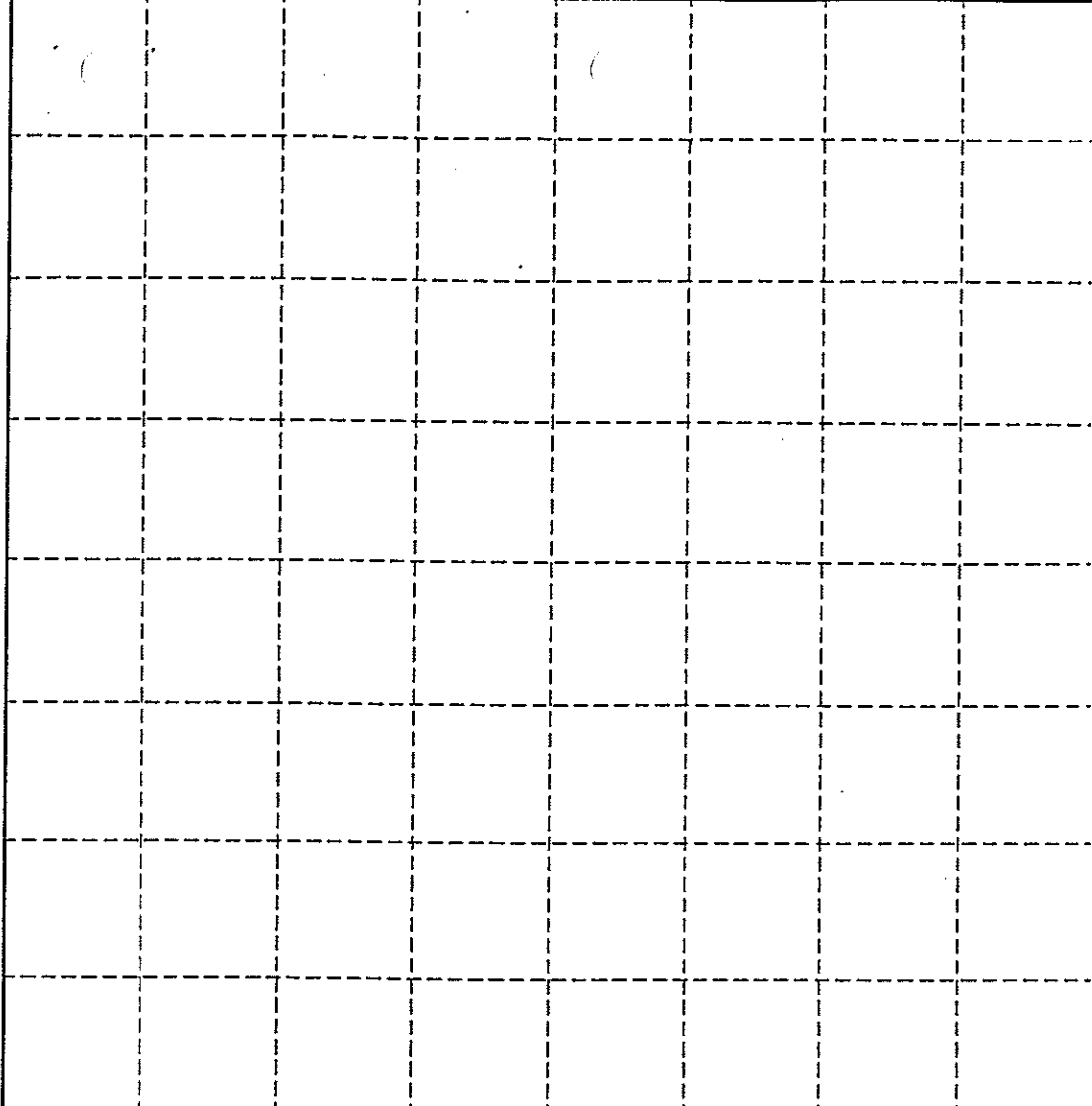
GW
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D

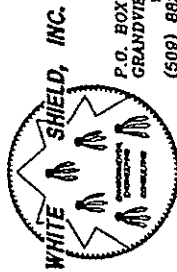
SAMPLE

DEPTH

PIT SIDE:
Excavation
18' N-S
6' E-W

1'
2'
4'
6'
8'





P.O. BOX 477
GRANDVIEW, WA
98930
(509) 882-1144

JOB: VBC-0296 DATE: 11/13/96 LOCATION: East Wenatchee
PROJECT: Colorado Apartments
PIT #: 7

INSPECTOR:

WEATHER:

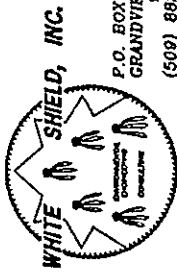
cloudy

SOIL DESCRIPTION AND REMARKS		PIT SIDE: Excavation 15' N-S 9' E-W		HORIZONTAL DISTANCE	
0-1' bgs Light Brown silty loam, dry, friable, medium stiff. STE at 0' bgs was 1.0		DEPTH			
1'-1.5' Light Gray to Gray sandy gravel with some cobbles & silts, dry, friable, medium dense, weak to moderate cementation		1'			
1.5'-0.0' Gray sandy gravel with cobbles, dry, very weak cementation in places.		2'			
		4'			
		6'			
		8'			

SOIL DESCRIPTION
AND REMARKS

0-1' bgs Light Brown silty loam,
dry, friable, medium stiff.
SPT at .8' bgs was 1.0
1'-1.5' Light Gray to Gray sandy
gravel with some cobbles & silts,
dry, friable, medium dense,
weak to moderate cementation
1.5'-8.0' Gray sandy gravel
with cobbles, dry, very weak
cementation in places.

At 3' bgs is a 6" metal
pipe running north-south.
Pipe located at the east side
of excavation. Pipe located
below the west side of access road



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01930
(508) 882-1144

SOIL DESCRIPTION AND REMARKS

0-1 Light brown silty loam,
dry, friable, medium stiff to
stiff.
SPT At 8' bgs was 2.25
1'-8.0' Gray sandy gravel
with cobbles up to 5" in diameter,
dry, friable, medium dense, weak
to moderate cementation. Some
lenses of gravelly sand.

Bottom of Test Pit 8.0'
bgs

JOB: VBC 0296 DATE: 11/13/96 LOCATION: East Wrentham
PROJECT: INSPECTOR: WEATHER: Cloudy
PIT #: 8

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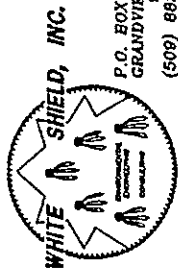
PIT SIDE:
Excavation
15' N-S
5' E-W

DEPT H

1
2
4
6
8

SAMPLE

HORIZONTAL DISTANCE



P.O. BOX 477
GRANDVIEW, WA
98930
(509) 882-1144

WHITE SHIELD, INC.

PIT #: 9

JOB: VBC 0296

DATE: 11/13/96

LOCATION: East Wenatchee

PROJECT: Colorado Apartments

INSPECTOR:

WEATHER: Cloudy

PIT SIDE: Excavation Dimensions
12' N-S
6' E-W

SOIL DESCRIPTION
AND REMARKS

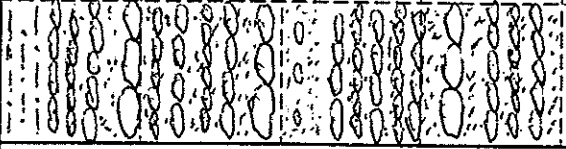
0'-1.5' light brown silty loam,
dry friable, roots
1.5'-8' gray sandy gravel
with cobbles, dry to moist,
weak to no cementation. One
layer of gray gravelly sand,
very loose and moist at 4 to
4.5' bgs.

Bottom of Test Pit
8' bgs

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8

HORIZONTAL DISTANCE



P.O. BOX 477
GRANDVIEW, WA 98930
(509) 882-1144

SOIL DESCRIPTION AND REMARKS

0-2' bgs light brown silty loam,
dry, friable, medium stiff, roots
STT At 2' bgs was 1.25
2'-8' Grty sandy gravel
with cobbles up to 4" in
diameter, dry, weak consolidation
in places. Some grading at
5" to a gravelly sand with
cobbles. This layer is only
.4" in thickness.

Bottom of Test Pit
At 8.0' bgs

JOB: UBC 0296 DATE: 11/13/96 LOCATION: East Wenatchee
PROJECT: Colorado Apartments
PIT #: 10 INSPECTOR: WEATHER: Cloudy

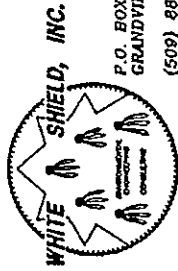
GW
RATER
UNDER

SAMPLE

DEPTH

PIT SIDE:
Excavation
12' N-S
5' E-W

Dimensions HORIZONTAL DISTANCE



WHITE SHIELD, INC.

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SOIL DESCRIPTION AND REMARKS

0-1.5' Light brown silty loam,
dry, friable, roots

1.5' to 13' bgs Gray sandy
gravel with cobbles, dry,
weak to no cementation.
Some small layers of
gravelly sand. Some cobbles
on the verge of boulders.

Photo of Test Pit

Bottom of Test Pit
13' bgs

JOB: VBC0296 DATE: 11/13/96 LOCATION: East Wenatchee
PROJECT: Colorado Apartments
PIT #: 12 INSPECTOR: WEATHER:

GW
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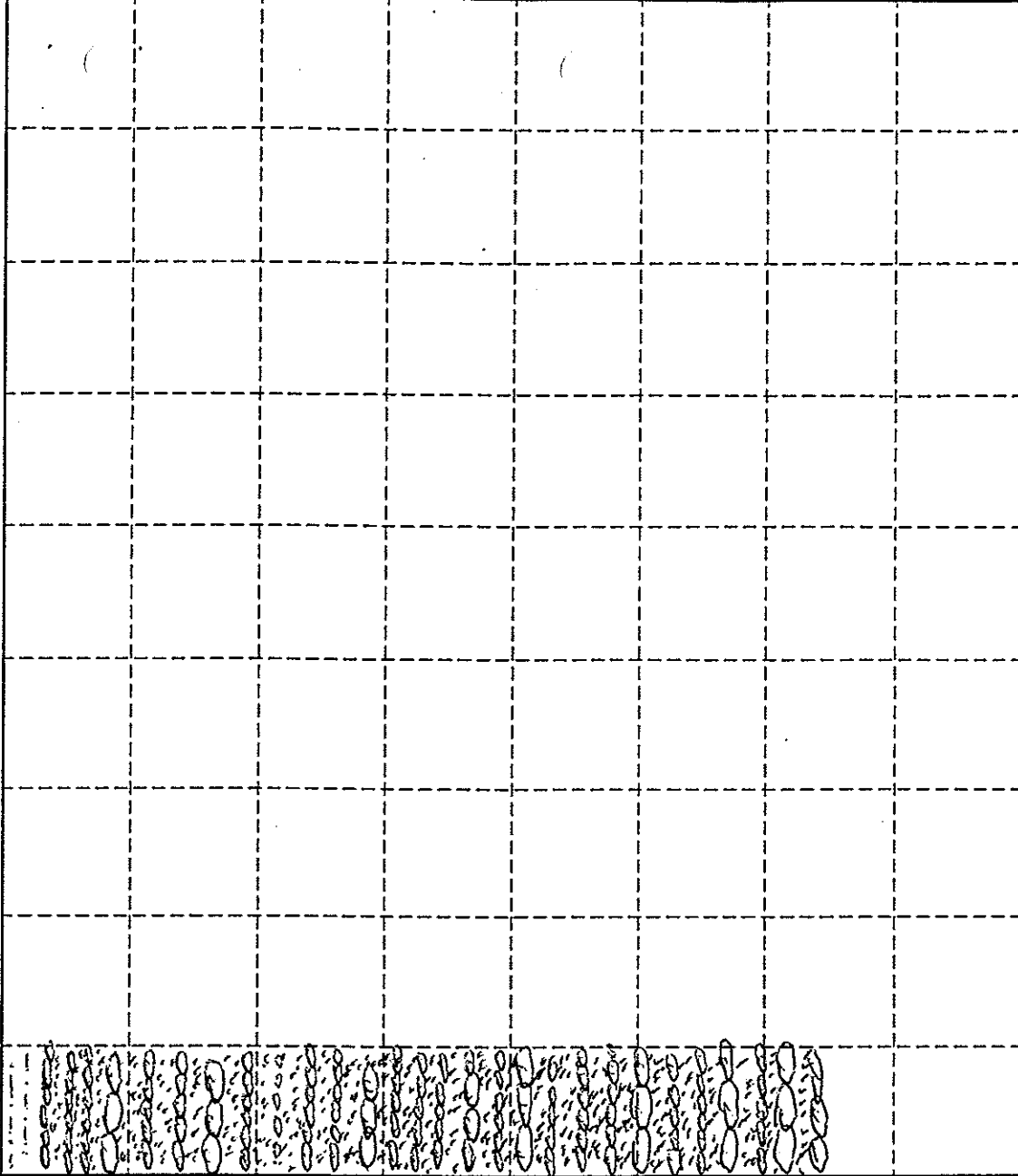
S
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PIT SIDE:

Excavation Dimensions
15' N-S
8' E-W

HORIZONTAL DISTANCE



APPENDIX B



STRATA

GEOTECHNICAL ENGINEERING & MATERIALS TESTING

927 Columbia Drive SE, Suite A, Richland, Washington 99352
509 735-8467 / Fax 509 735-1391

MOISTURE DENSITY RELATIONSHIP TEST

REPORT TO White Shield
P O Box 477
Grandview, WA 98930

REPORT DATE 11/23/96
INVOICE NO. 2-961193
FILE NO. 91-26

PROJECT UBC 0296

LAB NO. 2-961193

DATE SAMPLED 11/15/96

TEST BY J. Reathafor

LOCATION SAMPLED Test Pit 1 @ 2 feet

VISUAL DESCRIPTION OF MATERIAL Silt w/ Trace of Sand

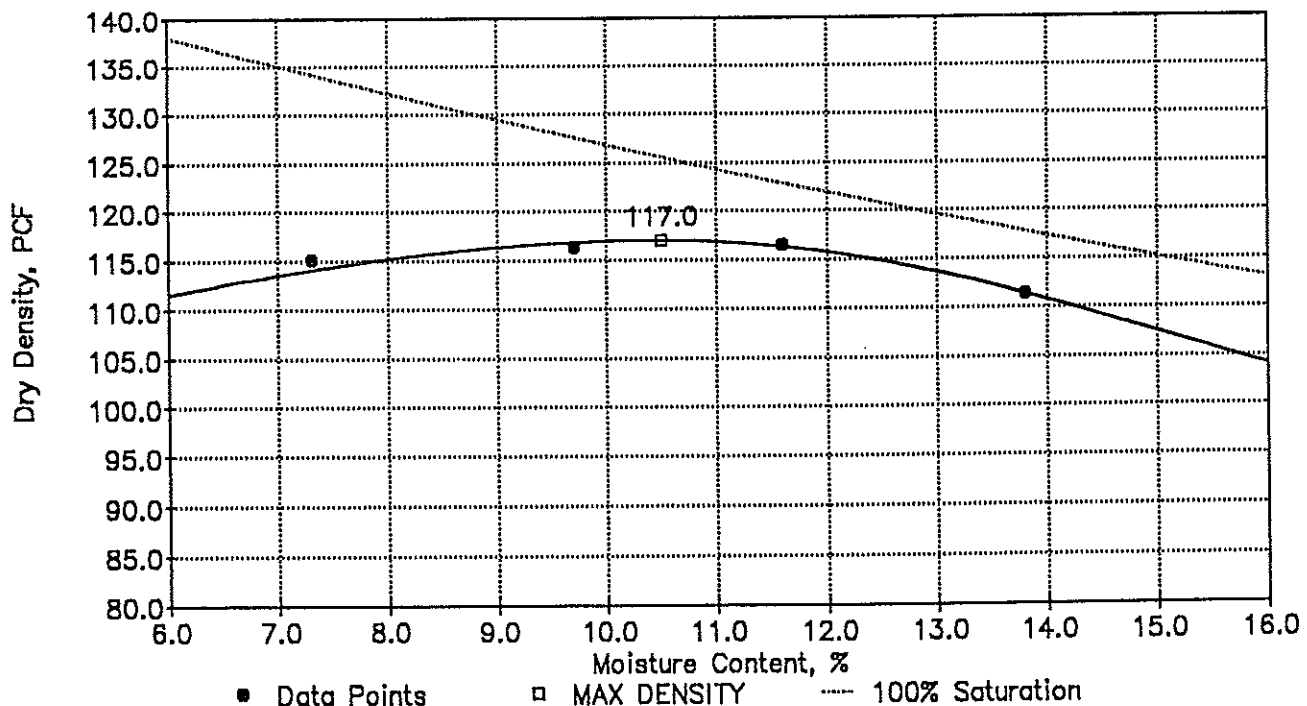
TEST STANDARD ASTM D1557
METHOD A

SPECIFIC GRAVITY 2.55
assumed X
tested

SIEVE DATA
Screen 3/4"
Pct Passing
No. 4
No. 200

DENSITY DATA
MAXIMUM DENSITY, pcf 117.0
OPTIMUM MOISTURE, pct 10.5
Tested Corr'd NA
 NA

MOISTURE DENSITY CURVE



Reviewed by: Scott K. Lyon



STRATA

GEOTECHNICAL ENGINEERING & MATERIALS TESTING

927 Columbia Drive SE, Suite A, Richland, Washington 99352
509 735-8467 / Fax 509 735-1391

REPORT DATE: 11/22/96

SHEET 1

SAMPLE NO.: 966279.

PROJECT: UBC 0296

REPORT TO: White Shield

P O Box 477

Grandview, WA 98930

Invoice No.: 2-961193

File No.: 91-26

Material Source:	Test Pit 2 @ 4.5 feet
Date sampled:	11/15/96
Sampled by:	Client
Date received:	11/15/96

TEST RESULTS

Material Description: Light Grey/Tan Sand

Sieve Analysis

Standards: ASTM C-117, C-136

Sieve Size	Percent Passing
-----	-----
No. 4.....	100
No. 8.....	98
No. 16.....	91
No. 30.....	68
No. 50.....	24
No. 100.....	4
No. 200.....	1.6

Reviewed by: _____



STRATA

GEOTECHNICAL ENGINEERING & MATERIALS TESTING

927 Columbia Drive SE, Suite A, Richland, Washington 99352

509 735-8467 / Fax 509 735-1391

MOISTURE DENSITY RELATIONSHIP TEST

REPORT TO White Shield
P O Box 477
Grandview, WA 98930

REPORT DATE 11/23/96
INVOICE NO. 2-961193
FILE NO. 91-26

PROJECT UBC 0296

LAB NO. 966279

DATE SAMPLED 11/15/96

TEST BY S. Cron

LOCATION SAMPLED Test Pit 2 @ 4.5 feet

VISUAL DESCRIPTION OF MATERIAL Light Grey/Tan Sand

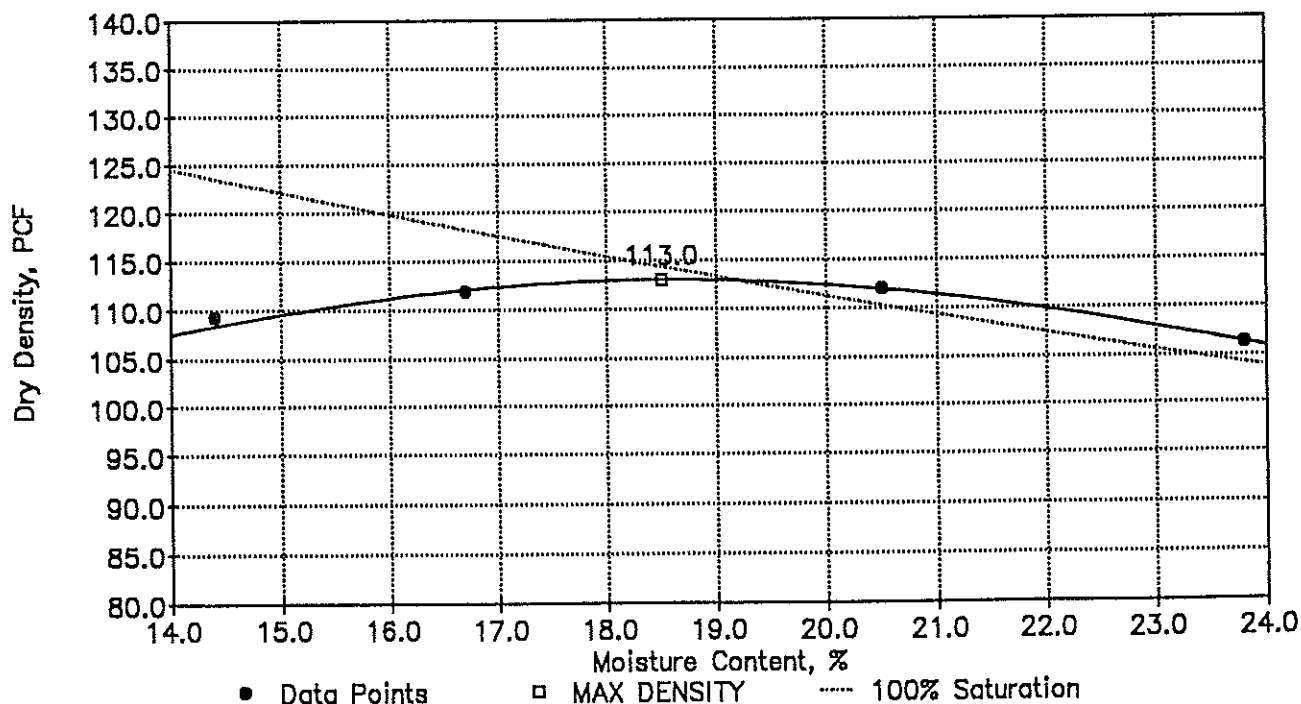
TEST STANDARD ASTM D1557
METHOD A

SPECIFIC GRAVITY 2.77
assumed X
tested

SIEVE DATA
Screen 3/4"
Pct Passing
No. 4
No. 200 1.6

DENSITY DATA
MAXIMUM DENSITY, pcf 113.0
OPTIMUM MOISTURE, pct 18.5
Tested 113.0
Corr'd NA

MOISTURE DENSITY CURVE



* Note = Sample is Non-Cohesive

Reviewed by:

ATTACHMENT B

File Original and First Copy with
Department of EcologySecond Copy—Owner's Copy
Third Copy—Driller's Copy

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. 31637

Water Right Permit No.

(1) OWNER: Name CHELAN CO. PUD #1 Wenatchee Address PO Box 1231 Wenatchee, WA 98801(2) LOCATION OF WELL: County CHELAN NE SE Sec 4 T. 22 N., R. 20 W.M.(2a) STREET ADDRESS OF WELL (or nearest address): 5th & Miller St. Substation(3) PROPOSED USE: ☐ Domestic ☐ Industrial ☐ Municipal ☐
☐ Irrigation ☐ Test Well ☒ Other Groundwater
☐ DeWater

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION

Formations: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

(4) TYPE OF WORK: Owner's number of well (if more than one) 2Abandoned ☐ New well ☒ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☐ Driven ☐
Reconditioned ☐ Rotary ☒ Jetted ☐(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 131 feet. Depth of completed well 131 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6 Diam. from +1 1/2 ft. to 131 ft.
Welded ☒ Diam. from _____ ft. to _____ ft.
Liner installed ☐ Threaded ☐ Diam. from _____ ft. to _____ ft.Perforations: Yes ☐ No ☒

Type of perforator used _____

SIZE of perforations _____ in. by _____ in.

_____ perforations from _____ ft. to _____ ft.

_____ perforations from _____ ft. to _____ ft.

_____ perforations from _____ ft. to _____ ft.

Screens: Yes ☐ No ☒

Manufacturer's Name _____

Type _____ Model No. _____

Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel packed: Yes ☐ No ☒ Size of gravel _____

Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes ☒ No ☐ To what depth? 20 ft.Material used in seal REPAIRITEDid any strata contain unusable water? Yes ☐ No ☒

Type of water? _____ Depth of strata _____

Method of sealing strata off _____

(7) PUMP: Manufacturer's Name _____

Type: _____ H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level _____ ft.

Static level 110 1/2 ft. below top of well Date 6-12-89

Artesian pressure _____ lbs. per square inch Date _____

Artesian water is controlled by _____ (Cap, valve, etc.)

(9) WELL TESTS: Drawdown in aquifer water level is lowered below static level

Was a pump test made? Yes ☐ No ☒ If yes, by whom? _____

Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.

" " " " " "

" " " " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time Water Level Time Water Level Time Water Level

Date of test _____

Ballast test _____ gal./min. with _____ ft. drawdown after _____ hrs.

Airtest 9 gal./min. with stem set at 130 ft. for 1/4 hrs.

Artesian flow _____ g.p.m. Date _____

Temperature of water _____ Was a chemical analysis made? Yes ☐ No ☒

WELL CONSTRUCTOR CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

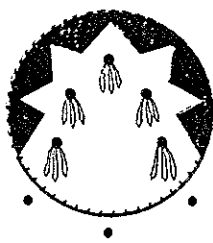
NAME TUMWATER DRILLING INC.
(PERSON, FIRM, OR CORPORATION) (TYPE OR PART)Address LEAVENWORTH, WASH.(Signed) Butt Phil License No. 1249Contractor's Registration No. TUMWATER 1330C Date 6-13, 1989

(USE ADDITIONAL SHEETS IF NECESSARY)

ATTACHMENT C

WHITE SHIELD

P.O. Box 477 Grandview, WA 98930-0477



ENVIRONMENTAL

(509) 882-1144 Fax (509) 882-4566

November 25, 1996

Mr. Paul Page
Vaughn Bay Construction
6509 Lakewood Drive West
Tacoma, WA 98467


Re: Phase I Environmental Site Assessment
Colorado Apartments- East Wenatchee, WA

Dear Mr. Page:

Transmitted herewith is a Phase I Environmental Site Assessment conducted at the above-referenced property by White Shield Environmental. This report represents the findings of our documentary review and site visit obtained during the Phase I assessment. Based on the information obtained during our assessment, we found three areas of environmental concern on the subject property. Please refer to the conclusions and recommendations located in this report for description and handling of the environmental concerns.

White Shield appreciates the opportunity to assist you on this important project. Please do not hesitate to contact us, if you have any questions or require additional information.

Respectfully submitted,
WHITE SHIELD ENVIRONMENTAL,


Stuart Fricke
President

A Certified ALPHA Bioremediation Company



PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT



SITE LOCATION:

Colorado Apartments
East Wenatchee, WA

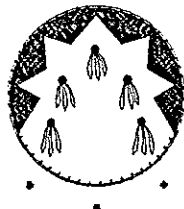


PREPARED FOR:

Mr. Paul Page
Vaughn Bay Construction
6509 Lakewood Drive West
Tacoma, WA 98467

WHITE SHIELD

P.O. Box 477
Grandview, WA 98930-0477



ENVIRONMENTAL

(509)882-1144 VOICE
(509)882-4566 FAX

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1.0 Introduction

Presented in this report are the results of White Shield's Phase I Environmental Site Assessment (ESA) performed at the northwest corner of 5th Street and Colorado Avenue in East Wenatchee, Washington (Site Location Map - Figure 1). The subject site consists of Douglas County Tax Parcel Number 401-000-028-01 (Figure 2).

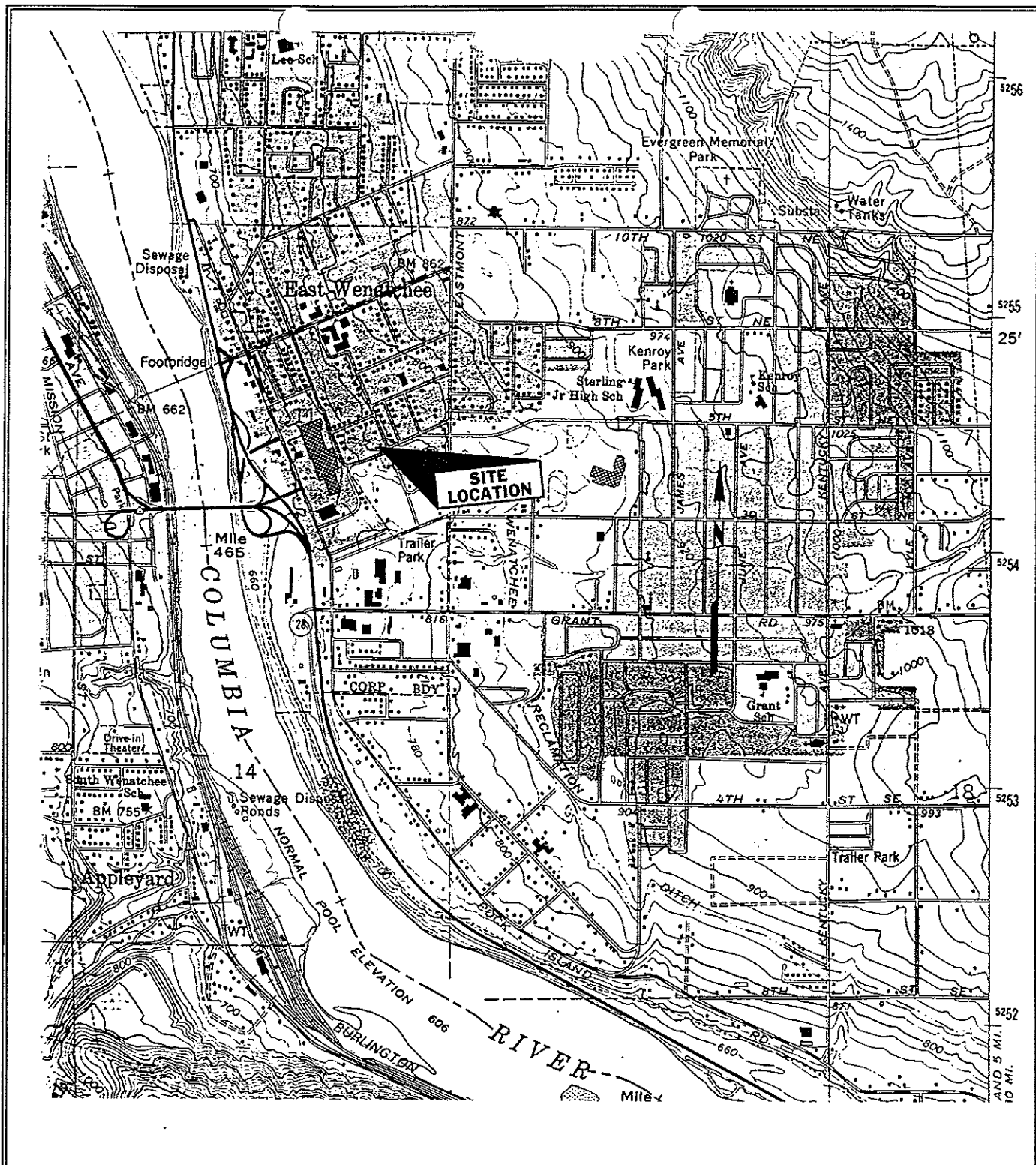
The Phase I Environmental Site Assessment was conducted in accordance with White Shield Environmental's proposal to Mr. Paul Page dated November 4, 1996.

2.0 Purpose and Scope

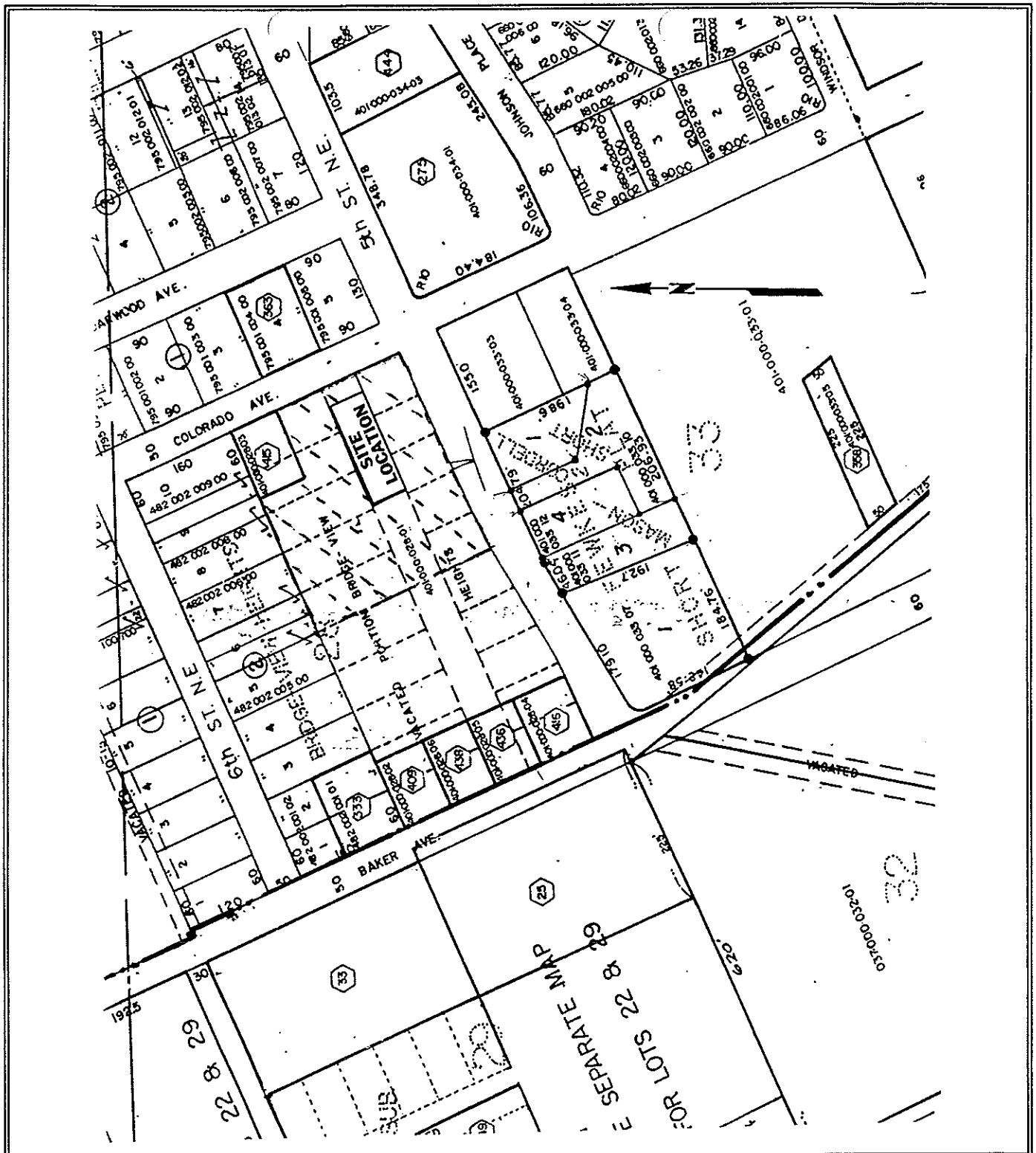
The purpose of the Phase I Environmental Site Assessment was to review information regarding past and present land use practices at the subject property, current site operations and conditions, and to observe properties in the vicinity of the site to assess the potential presence of soil, surface water, and/or ground water contamination resulting from release of hazardous wastes/materials. The assessment was accomplished by and limited to, a site reconnaissance and a review of readily available pertinent documentation available through White Shield's standard historical resources. We looked for indications of the use, storage, generation, manufacture and disposal of hazardous materials/wastes which may have contributed to soil and/or ground water contamination at the subject property. For the purposes of this study, the subject property is defined as previously described and the subject property vicinity is defined as the area within a 1/4-mile radius of the property. The collection of soil or ground water samples and performance of analytical laboratory testing for the presence of contaminants, including asbestos, was not included in the scope.

The scope of services included the following elements:

- Review of pertinent, available documents and maps regarding local geologic and hydrogeologic conditions;
- Review and interpretation of available historical aerial photographs of the subject property vicinity for selected years within the time period of approximately 50 years through the present from the local Public Library's and/or other readily available sources;
- Review and interpretation of available archival topographic maps and historical land use maps (e.g. Metsker, Kroll, Sanborn Fire Insurance Maps) and business directories (Cole's and Polk's, etc.) of the subject property and the subject property vicinity for information regarding historical site land use for the past 50 years that could have involved the manufacture, generation, use, storage and/or disposal of hazardous substances;



<p>WSI</p> <p>WASHINGTON</p> <p>QUADRANGLE LOCATION</p> <p>Job No.: VBC-0396</p>	<p align="center">Site Location Map Colorado Apartments</p> <p align="right">SCALE 1:24 000</p> <p align="center">1000 0 1000 2000 3000 4000 5000 6000 7000 FEET</p> <p align="center">CONTOUR INTERVAL 20 FEET NATIONAL GEODETIC VERTICAL DATUM OF 1929</p> <table border="1"> <tr> <td>DATE: November 25, 1996</td> <td>Mounted By: ES</td> <td>Reviewed By: GT</td> <td>SCALE: As Shown</td> <td>FIGURE NO. 1</td> </tr> </table>	DATE: November 25, 1996	Mounted By: ES	Reviewed By: GT	SCALE: As Shown	FIGURE NO. 1
DATE: November 25, 1996	Mounted By: ES	Reviewed By: GT	SCALE: As Shown	FIGURE NO. 1		



▲▲▲ WSI

Douglas County Assessors Map Colorado Apartments

DATE:
November 25, 1996

Mounted By:
ES

Reviewed By:
GT

SCALE:
As Shown

FIGURE NO.
2

Job No.: VBC-0396

- Review available documents regarding past and/or current subject property development provided by Paul Page, or which reside in White Shield 's library. Potentially useful documents may include: title reports, site maps, appraisals, tenant lists with addresses and nature of businesses, geotechnical reports, prior environmental reports, and agency correspondence pertaining to the site;
- Perform a reconnaissance survey of the site to make visual observations of existing site conditions and activities on the site.
- Perform a visual survey to identify suspect asbestos containing building materials.
- Review current county, state and federal lists of known or potential hazardous waste sites or landfills, and sites currently under investigation for environmental violations located within search distances of the subject property (ranging from the subject property itself to 1 mile) depending on the nature of specific lists to be reviewed including:
 - U.S. EPA National Priorities ("Federal Superfund") List (1-mile radius);
 - U.S. EPA CERCLIS List (½-mile radius);
 - U.S. EPA ERNS List (property);
 - U.S. EPA RCRA List (property and adjoining);
 - U.S. EPA RCRA TSD List (1 mile radius);
 - U.S. EPA Inventory of Open Dumps (½-mile radius);
 - Washington Department of Ecology (Ecology) Hazardous Waste Investigations and Cleanup Program-Confirmed and Suspected Contaminated Site Report List (1-mile radius);
 - Ecology Toxic Cleanup Program-Hazardous Sites List (1-mile radius);
 - Ecology Central Regional Office Leaking Underground Storage Tank Sites List (½-mile radius);
 - Ecology Listing of Registered Underground Storage Tanks (property and adjoining properties);
 - County Abandoned Landfill List (½-mile radius); and
 - Washington State List of Active Landfills (½-mile radius).
- Interview site personnel and other appropriate parties made available by Paul Page for information regarding the history of the subject property and past and present practices regarding use, storage, and disposal of hazardous materials and wastes.
- Conduct inquiries by telephone to applicable municipal, county, and state regulatory agencies for information regarding building or environmental permits, environmental violations or incidents and/or status of enforcement actions at the site. Agency contacts included:

- Washington Department of Ecology;
 - Local Power Supply Company; and
 - Local Fire Department.
- Prepare a summary report for the sites describing the research performed and presenting White Shield's findings, recommendations and professional opinions regarding the potential for environmental contamination at the site. Our reports includes the following, as appropriate:
 - Physiography;
 - Geologic and Hydrogeologic Setting;
 - Site Specific Reconnaissance Observations and Current Land Use;
 - Historical Land Use;
 - Agency Document Review;
 - Reported or Suspected Hazardous Materials;
 - Results of Visual Asbestos Survey;
 - Site Specific Conclusions and Recommendations;
 - References;
 - Site Locations and Site Plan Maps; and
 - Supporting Documentation.

2.1 Limitations

White Shield's objective is to perform our work in a professional manner, exercising the customary thoroughness and competence of environmental and engineering consulting professionals, in accordance with the standard for professional services at the time and location those services are rendered. It is important to recognize that even the most comprehensive scope of services may fail to detect environmental liability on a particular site. Therefore, White Shield cannot act as insurers and cannot "certify or underwrite" that a site is free of environmental contamination. No expressed or implied representation or warranty is included or intended in our reports except that our work was performed, within the limits prescribed by our client, with the customary thoroughness and competence of our profession.

2.2 ACBM Disclaimer

WSI performed a visual inspection of the structures located on the subject property. The inspection included identifying and inspecting only visible suspect Asbestos Containing Building Material (ACBM). A complete asbestos inspection has not been performed on this site. Further study would be necessary to positively identify all ACBM.

3.0 Site Description and Document Review

3.1 Physiography and Legal Description

The parcel is located at the northwest corner of 5th Street N.E. and Colorado Avenue in the City of East Wenatchee, Washington (Figure 1). According to the Douglas County Assessors Office the tax parcel number for the site is 401-000-028-01.

The subject property is described as, " The South 330.5 feet of Lot 28, East Wenatchee Land Company's Plat of Section 11 and part of Section 2, Township 22 North, Range 20 East, W.M., Douglas County, Washington, Except the North 110.5 feet of the East 100 feet thereof, Also Except the West 335 feet thereof, And Except that part deeded for 5th Street N.E. to Douglas County recorded May 11, 1965, under Auditor's No. 142924." (Figure 2 and Appendix A).

3.2 Hydrogeologic Setting

The subject property is located within the southeast portion of the Chiwaukum Basin (Graben). The surficial sediments deposited in this area were a result of glacial erosion and subsequent deposition of glacial melt waters. The unconsolidated to semiconsolidated sedimentary rocks of the Quaternary Flood Sediments include: clay, gravel, siltstone, and conglomerates. The unconsolidated deposits include: sand, gravel, cobbles, clay, and silt. The area is enclosed by prominent northwest-southeast trending anticlinal ridges that, from north to south, include (1) Badger Mountain, and (2) Trosen Ridge.

Well logs were not readily available within the site vicinity, however, test pits from the site indicated the shallow soils are a brown fine grained sandy silty loam with an underlying gray sandy gravel with cobbles. Test pits were excavated to a depth of 13 feet below ground surface. Groundwater was not encountered in any of the test pits. Based on the well logs stratigraphy of Chelan County PUD #1 of Wenatchee, and comparable site elevations between the PUD site and the subject site, the depth to groundwater is approximated to be 110 feet below ground surface (Appendix-B).

3.3 Present Site Conditions

On November 15, 1996, White Shield performed a site reconnaissance of the subject property and it's vicinity to make visual observations of existing conditions, types of land use and nature of businesses. Site photographs, site sketch and field notes are presented in Appendix C and D.

East of the subject property is bounded by Colorado Avenue. North of the subject property is residential housing. To the west of the subject property is an undeveloped lot. South of the subject property is Fifth Street which also accesses the subject property.

During the site reconnaissance, the lot consisted of three structures located in the northwest portion of the site. According to the Douglas County Assessor records, the structures were built in 1968. The western structure measures 1513 square feet and the eastern shop structure measures 665 square feet according to the Douglas County's Assessment Records. The additional structure was located to the north of the concrete shop (Eastern Structure). It measured approximately 150 square feet.

Western Structure

The western structure is described as a residential structure built with double frame construction according to the Douglas County Assessor records. The foundation is described as concrete. The exterior walls are tar paper. The roof is gable with cedar shakes. Heating is forced air. Interior walls were plywood with wood paneling. The floor is vinyl flooring. The only possible environmental concern is the backing of the floor tile. This item may be possibly asbestos containing materials. If major remodeling or demolition plans are being considered, bulk samples should be collected to verify nature of the material. If it is verified as asbestos containing material, it should be properly removed and disposed of.

There were no hazardous materials, containers, or household cleaners present in the this structure.

Existing against the northern exterior wall of the structure were two car batteries and a half filled 30 gallon trash can of fertilizer. There were no other items of significance surrounding the western structure.

Eastern Structures

The eastern structure was not described in the Douglas County Assessor records. However, the structure was shown on the Douglas County Assessors record map. Observations of the structure indicated that the walls were cinder block construction with a galvanized roof. The structure has no heating. The floor is concrete.

There were no hazardous materials, containers, or household cleaners present in the structure. However, there were several areas of debris present within this structure. The debris included: bonding mortar, several unfinished broken ceramic pots, boxes, metal chairs, old cushions and small mattress.

Observations made on the perimeter of this building did not reveal any environmental concerns.

The smaller structure just north of the concrete shop is a wood stud construction storage unit. The only items found in the structure consisted of cardboard boxes. There were no environmental concerns found in or around the perimeter of this structure.

There were no transformers located on the subject property. There were no indications of stained soils or stressed vegetation on the southern portion of the subject property. In addition, there were no pits, ponds, or lagoons on the site. There were no hazardous materials, or containers present on the site.

There were areas of debris present on the far western portion of the site. The debris present included: loose bricks, and an abandoned truck bed.

3.4 Site Vicinity

A reconnaissance of the site vicinity was conducted to make visual observation of existing vicinity conditions, types of land use and nature of businesses.

The surrounding vicinity is described as follows:

- To the north is residential housing,
- To the east is residential housing,
- To the south is residential housing, and
- To the west is residential housing and commercial retail zoning.

3.5 Past Land Use of the Site

Information regarding past land use of the subject property and within the site vicinity was obtained by reviewing historical aerial photographs, archival topographic maps, historical land use maps, city directories, and other relevant documents obtained from the Wenatchee Public Library, Douglas County Assessor, Douglas County and East Wenatchee City Engineering and Planning Departments, Washington Department of Transportation, and White Shield's library (Appendix E).

3.5.1 Site

Sanborn Fire Insurance Maps were not readily available from the repositories listed above.

The earliest information for the subject site was a 1949 Douglas County aerial photograph. This photograph was reviewed at the Douglas County Public Works Engineering Department with the aid of a light aided magnifying glass. The photograph revealed that the site was an orchard. There were no soils that appeared stained or vegetation that was stressed. In addition, there were no visible signs of dumping or debris piles at the site. There were no structures present on the site at this time.

The next aerial photograph of the site was a 1954 aerial found in the Washington State Department of Transportation files. The photograph revealed a significant change to the subject property. There are no orchard trees on the parcel. The vegetation appears to be wild grasses. There are no structures present on the subject site. There is no stained soils visible or stressed vegetation. There are no debris piles or dumping present in the photograph.

The next historical record of the subject property was the 1966 Wenatchee Quadrangle Map. In this map there are no structures present on the subject site.

According to the Douglas County Assessors records the property was developed in 1968. The site is described as 245 5th Street NE.

In review of the 1970, 1980, and 1990 Wenatchee and surrounding area Polk Directories, the site was occupied by Mr and Mrs. Dean.

According to LeRoy Bellew, a neighbor of the subject site, the property was vacant until approximately the mid 1960's. Mr. Bellew indicated the access road on the western portion of the site was developed and the structures were constructed. In addition, Mr LeRoy Bellew indicated that the western structures was not completed and was only occupied for a couple of months. Mr. Bellew also added that the same people operated the ceramic cinder block structure.

3.5.2 Site Vicinity

Based on the above referenced material, the land use in the surrounding vicinity has developed from orchards with sparsely housed parcels to residential housing.

In the 1949 Douglas County aerial photograph, The surrounding vicinity was mainly orchards with sparse residences. There were no areas where open dumping was observed. In addition, there were no parcels that appeared to have stressed vegetation located on them or that were barren of vegetation.

In the July 30, 1954 Washington State Department of Transportation aerial photograph, several of the surrounding parcels have cleared the orchards. In addition, development of several residential structures in the surrounding vicinity have been completed. The structures developed include four structures adjacent to the subject property. One of these structures is the present home of Mr. Bellew.

In the 1966, Wenatchee Quadrangle Topographical Map there are no structures in the surrounding vicinity that appear larger than residential dwellings.

The 1987 revised Wenatchee Quadrangle Topographic Map reveals that the Valley Mall is developed to the west of the subject property. In addition, the school maintenance department building to the northeast is also present.

In the 1991 Washington State Department of Transportation aerial photograph there is no significant change in the surrounding vicinity.

3.6 Environmental Lien

WSI reviewed records held by Douglas County Assessor's Office, and Environmental Protection Agency Region 10. The documents reviewed indicate no evidence of environmental lien on the property.

3.7 Open Dumps

There are no open dumps on the site.

3.8 Wetland Information

The Environmental Protection Agency Region 10 report does not indicate the site as a wetland. In addition, according to Douglas County Planning Department Engineer Ms. Joyce Phillips the subject property is located in Zone B. Zone B is defined as outside the 100 year flood zone. Information is found in Douglas County Planning Department Community Panel number 530036-0535A, with an effective date 7/17/1978.

4.0 Records Review & Interviews

4.1 Interviews

WSI interviewed personnel at the Douglas County Public Works and Planning Office, East Wenatchee Sewer District, East Wenatchee Water District, Mr. Jim Zeller, and Mr. LeRoy Bellew.

Mr. Jim Zeller

Mr. Jim Zeller, long time neighbor of the subject property, indicated that the soil contains lead arsenic. Mr. Zeller found out that the soil contained lead arsenic when he had some soil tested due to vegetable garden failures.

Mr. LeRoy Bellew

According to LeRoy Bellew, a neighbor of the subject site, the property was vacant until approximately the mid 1970's when the access road on the western portion of the site was developed and the structures present were built. In addition, Mr LeRoy Bellow indicated that the western structures was not completed and was only occupied for a couple of months. Mr. Bellew also added that the same people operated the ceramic cinder block structure.

Douglas County Planning Department

Ms. Joyce Phillips was contacted for information regarding flood information for the subject site. According to Community Panel number 530036-0535A the subject site is in Zone B which is outside of the 100 year flood zone. The effective date is July 17, 1978.

East Wenatchee Sewer District

According to Ms. Jennifer Bonar the subject site was connected to sewer in 1968.

East Wenatchee Water District

According to Ms. Sue Rogers the subject property is connected to East Wenatchee, however has been off since 6/20/1986.

4.2 Record Review

A review of applicable regulatory agency documents and lists of known or potential hazardous waste sites or landfills, and properties or facilities currently under investigation for potential environmental violations was conducted to identify properties or facilities located within a search distance of up to one mile of the subject property that may have the potential to adversely affect environmental conditions at the subject property (Appendix E). The following EPA and agency documents and lists were reviewed.

4.2.1 Federal Lists

U.S. EPA National Priorities List (NPL) (Run Date: 10/2/95)

The NPL includes those sites determined by the EPA to require priority remedial action, and those sites for which Superfund finances have been allotted.

The subject property and facilities within a one-mile radius of the subject property are not listed.

U.S. EPA Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) List (Run Date: 11/21/96)

The CERCLIS List is a compilation by EPA of the properties or facilities which EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (Superfund Act).

The subject property was not listed. However, there are two facilities within a one-mile radius of the subject property listed. These sites are either cross-gradient or down gradient of the subject property and are of no concern.

U.S. EPA ERNS List (October 1987 through January 1996)

The ERNS List is a list compiled by EPA of the spills of potentially hazardous substances called in to the Coast Guard and other spill response centers across the

U.S. Spill notifications included on this list have not necessarily been confirmed by USEPA.

The subject property and adjoining properties are not listed on the ERNS list.

U.S. EPA Resource Conservation and Recovery Act (RCRA) TSD List (Run Date: 11/21/96)

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities List is a compilation by EPA of reporting facilities that store, transport, treat or dispose of hazardous waste.

The subject property and facilities within a one-mile radius of the subject property are not listed.

U.S. EPA RCRA Generators or Notifiers List (Run Date: 02/28/96)

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities List is a compilation by EPA of reporting facilities that generate hazardous waste.

The subject property and the adjoining properties are not listed.

U.S. EPA Inventory of Open Dumps (Run Date: 6/85)

The Inventory of Open Dumps, provided by RCRA, is an inventory of facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

The subject property and facilities within one mile radius of the subject property are not listed.

4.2.2 State Lists

Washington Department of Ecology Listing of Underground Storage Tanks (USTs) Reported in Washington State (Run Date: 10/10/96)

This listing is a compilation of site names and addresses and tank information for sites with USTs registered with Ecology.

The subject property and adjoining parcels are not listed.

Washington Department of Ecology Leaking Underground Storage Tank (LUST) List (Run Date: 5/96)

The LUST list is a compilation of sites with confirmed leaking underground storage tanks (USTs) that have been reported to Ecology.

The subject property is not listed. There are two facilities within a ½ mile radius of the subject property that are listed. However, both of these sites have no potential of effecting the subject site base on the groundwater gradient.

Washington Department of Ecology Hazardous Waste Investigation and Toxics Cleanup Program - Confirmed and Suspected Contaminated Sites Report (Run Date: 8/20/96)

The Confirmed and Suspected Contaminated Sites Report is a compilation of sites with confirmed or suspected contamination that have been reported to Ecology.

The subject property and facilities within one mile are not listed.

Washington Department of Ecology Hazardous Waste Investigation and Toxics Cleanup Program - Hazardous Sites List (Run Date: 8/20/96)

The Hazardous Sites List (HSL) is a subset of sites listed on the Confirmed and Suspected Contaminated Sites Report. The HSL includes sites which have been assessed and ranked using the Washington Ranking Method (WARM) where 1 = high and 5 = low.

The subject property and facilities within one mile were not listed.

Washington State Active Solid Waste Landfills (Run Date: 11/29/95)

This list is provided by the Washington State Department of Ecology and is a compilation of solid waste facilities currently in operation.

The subject property and facilities within a ½-mile radius of the subject property are not listed.

5.0 Information from Site Reconnaissance

A walk-through of the subject property was conducted to assess current storage and handling practices of hazardous materials and the potential evidence of sources of contamination.

5.1 Storage Tanks

There is no indication of underground storage tanks on the property.

5.2 Ponds, Pits, and Lagoons/ Drains and Sumps

There are no ponds, pits, or lagoons on the site. There are no drains or sumps located within or surrounding the structures.

5.3 Indications of PCBs

There are no transformers on the site and no visible signs of staining were observed.

5.4 Indications of Solid Waste Disposal

There is some surficial debris located on the western portion of the subject property. Debris included: bricks, and an abandoned truck bed.

5.5 Hazardous Substances, Containers, and Debris Present on Site

There are two car batteries located to the north of the western structure. There were no other hazardous materials present.

There were no containers present on the site.

There was debris found in all of the structures. See section 3.3 for detailed information.

5.6 Samples

No samples were collected during the Phase I ESA.

5.7 Any Other Conditions of Concern

One possible asbestos containing building materials is suspected in the western structure. The suspect material is described as a soft linoleum or vinyl floor.

According to Mr. Jim Zeller, the soil contains lead arsenic. Mr. Zeller believed that it was used for the apple orchard that was present on the parcel prior to 1950's.

5.8 Site Plans

Refer to Figures 1, 2

6.0 Conclusions and Recommendations

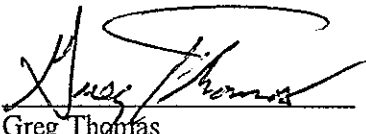
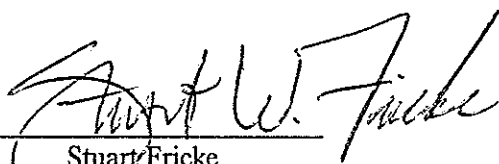
Based on the information obtained through the review of the above mentioned lists, historical data, and site reconnaissance there are environmental concerns for the subject property.

The western structure's floor is described as a vinyl floor according to the Douglas County Assessor Office record. Vinyl floor tile is possibly an asbestos containing material. If major remodeling or demolition plans are being considered, bulk samples should be collected or the material should be assumed as an asbestos containing material. If it is verified as asbestos containing material or assumed to be an asbestos containing material, the vinyl flooring should be properly removed and disposed of.

In addition, the two batteries located on the north side of the western structure should be disposed of at a properly permitted location.

Finally, according to Mr. Zeller, long time resident of the subject property, indicated that the soil on the site contained lead arsenic. Mr. Zeller had some soils tested after vegetable failure in a garden. Mr. Zeller indicated that the lead contamination was associated with orchard spraying prior to the 1950's. White Shield recommend's either sampling or assuming lead contamination. If lead concentrations are present or lead is assumed present then White Shield recommends that all uncovered soil areas be covered with grass or other vegetation for protection of children.

7.0 Signatures of Environmental Professionals

	
Greg Thomas Geologist	Stuart Fricke President

8.0 Qualifications of Environmental Professionals

Mr. Greg Thomas holds a BS degree in Geology from the University of Washington. He has five years experience in the field of geology with particular emphasis in environmental geoscience projects. His experience includes supervision of UST removals, preparation of environmental assessments, site characterizations, hazardous site remediation, technology development and health & safety regulations.

Mr. Stuart Fricke holds a BA degree in Economics and BA degree in Business Administration from Washington State University. He is a Registered Site Assessor in the State of Washington and a Registered UST Decommission Supervisor and Soil Matrix Cleanup Supervisor in the State of Oregon. See Appendix G for his professional experience and representative project experience.

REFERENCES

Active Solid Waste Facilities in Washington State 1995.

Aerial Photographs from Douglas County Public Works Department, 1949.

Campbell, N.P., 1988, Structural Geology Along The Northwestern Columbia River Basalt Margin, Washington; United States Geology And Earth Resources Open File Report 88-5.

U.S. Environmental Protection Agency, 1996, CERCLIS Lists.

U.S. Environmental Protection Agency, 1996, National Priorities List.

U.S. Environmental Protection Agency, 1996, RCRA List.

U.S. Geological Survey, Wenatchee Quadrangle, Washington, topographic quadrangle, 1966 photo revised 1987 edition, 1:24,000.

Washington Polk's City Directory for Wenatchee and the surrounding area, 1970, 1980, and 1990.

Washington State Department of Ecology, 1996, Hazardous Waste Investigation and Cleanup Program - Confirmed and Suspected Contaminants.

Washington State Department of Ecology, 1996, Listing of Underground Storage Tanks Reported in Washington State.

Washington State Department of Ecology, 1996, Central Regional Office Leaking Underground Storage Tank Sites.

Washington State Department of Ecology, Chelan County Well Log for Section 4, Township 22 North, Range 20 East.

APPENDIX A

COMMISSION USE ONLY (Do not fill in shaded area)

TC number

Date and time received

WASHINGTON STATE HOUSING FINANCE COMMISSION LOW-INCOME HOUSING TAX CREDIT PROGRAM APPLICATION

Refer to the Low-Income Housing Tax Credit Program 1996 Application Package and the *Program Guidelines* for additional information. Capitalized terms in the Application have the meaning given them in the definitions noted in the Glossary section of the *Program Guidelines*.

PROJECT NAME: Colorado Apartments

I. APPLICANT INFORMATION

Legal Name of Applicant: Eastern Plains Housing, Limited PartnershipStreet: 535 Dock Street, Suite 208City: TacomaState: WAZip Code: 98402Phone: 206-272-7071FAX: 206-272-7599Contact Person for Legal Notices*: David CantuStreet: 610 Hoge Building, 705 Second AvenueCity: SeattleState: WAZip Code: 98104Phone: 206-625-1630FAX: 206-625-1627Contact Person for Project*: Dick ShawStreet: 535 Dock Street, Suite 208City: TacomaState: WAZip Code: 98402Phone: 206-272-7071FAX: 206-272-7599Applicant's federal taxpayer identification number: 91-1676736

See Checklist Item 3

*List only one name for each contact person.

3

PART 22 SEC. 2,

LAND CO'S PLAT OF SEC.

22N, R. 20E

BRIDGE - VIEW
HEIGHTS

EWKES
SHORT
PLA

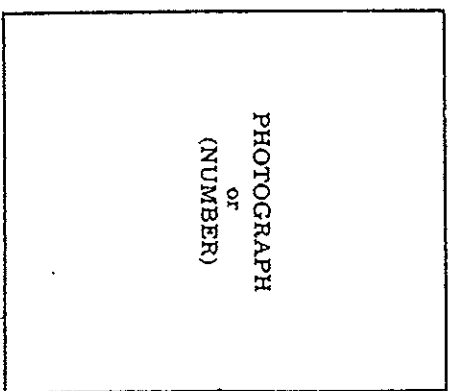
SHORT SUBD

A. R. Rolfs

5

APARTMENT	BUILT-UP	KITCHEN	✓
MOTEL	SHINGLES	DINING	✓
OFFICE	SHAKES	BED	✓
STORE	PAT. SHING.	FAMILY	✓
BANK	METAL	BATH	✓
HALL	ROLL	SUN	✓
COMM'L GAR.	Construct.	UTILITY	✓
LT. MFG.	SINGLE	REC.	✓
SHED	DOUBLE		
WAREHOUSE	FRAME	Ceiled	✓
GAS STA.	BRICK	WALL BOARD	✓
BARN	CONCRETE	PAPER	✓
	CONCRETE BLK.	PLAST. BRO.	
	ORD. MSY.	PLASTER	
	MILL MSY.	W. PANEL	
	INSULATION	FIR	✓
Foundation	CONCRETE	HARDWOOD	✓
	HEATING		
	FIREPLACE	TILE	
	STOVES	MARBLE	
	FLOOR-WALL	METAL	
	PILES		
	F.A.O.		
	F.A.G.		
	Ext. Walls	Floors	✓
	F.A.E.	SOFT	
	HEAT PUMP	HARD	
	COMB H & C	CONCRETE	
	TAR PAPER	ASP. TILE	
	SHINGLES	LINOLEUM	✓
	SHAKES	CARPET	
	STUCCO		
	CONC. BLKS.		
	STUCCO MASTY	Basement	
	TILE	NONE	
	Extras	FULL	
	B.I. VACUUM	PART & FIN.	
	STONE	CONCRETE FLOOR	
	MASONITE	DIRT FLOOR	
	ALUMINUM	GARAGE	
	CK		
	ICE	DISP.	
	T-111	D.W.	
	BRICK VEN.	AUTO. SPRIN.	
	ROMAN	H & F.	
	STEEL	O & R	
		SHOW	✓
		TUB	✓
		TOILET	✓
		FLAV.	✓
		SINK	✓
		W. HEATER	✓
	Lighting	NO. FIXTURES	✓
	ELECTRIC		

APARTMENT	W/WHATH CARP	3608
MOTEL	WOOD SHING	3600
OFFICE	TOTAL	
STORE	CLASS	FAIR C
BANK	SIZE	36 X 36
HALL	SQUARE FEET	936
COMM'L GAR.	HEIGHT	
LT. MFG.	RATE ADJ.	-
SHED	BASE RATE	14
WAREHOUSE	HEAT	24.01
GAS STA.	ROOF	SHAKES
BARN	F COVERING	
	TOTAL RATES	24.98
	ADJ. BASE RATE	-
	ADDED FEATURES	+
	BASEMENT	NO
	BASEMENT ROOM	NO
	PAVING	NO
	PLUMBING	13.00
	FIREPLACE	NO
	ATTACHED GARAGE	NO
	APR 13 1936 - 3/13 1935	1513
	APR 13 1936 - 3/13 1935	250
	TOTALS	176.3
	ADJUSTMENT	
	AREA 936 X BASE RATE	24.98
	ADDED FEATURES	116.3
	REPRODUCTION COST	25.144
	DEPRECIATION 30%	5381
	DEPRECIATION 10%	2152
	TOTAL VALUE	19370
	VALUE ADD. BLDGS	3600
	TOTAL VALUE	22970
	APPRAISED BY	WLS
	DATE	10-22-1930



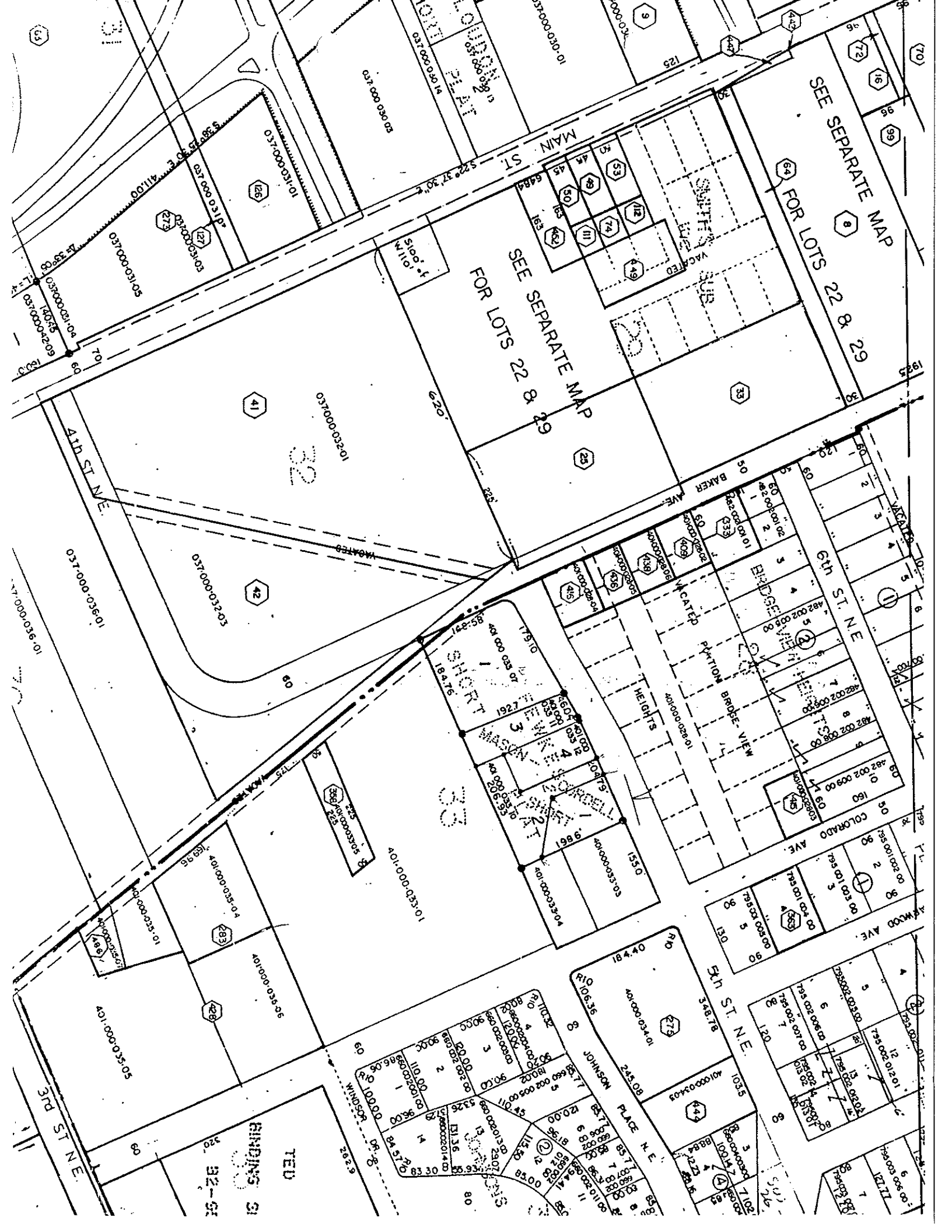
YEAR BUILT 1936
CONDITON 2nd PRICED
DATE 4-2-34
13485
N/C SIDE IN C

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ADDITIONAL BUILDINGS		VALUE
SHAPE 19X35=665X7.75		57.54
22x3070 (1546)		
w/WHITALL CASH		3608
WOOD SHED		
TOTAL		3608
CLASS FAIR CASH		
SIZE 26X36		
SQUARE FEET 936		CUBIC FEET
HEIGHT		
RATE ADJ.	-	+
BASE RATE		16
HEAT	FAIR	24.01
ROOF	SHEDS	.51
F COVERING		
TOTAL RATES		24.98
ADJ. BASE RATE		
ADDED FEATURES	-	+
BASEMENT NO		
BASEMENT ROOM NO		
PAVING NO		
PLUMBING 13 and		
FIREPLACE NO		
ATTACHED GARAGE		
CASH 12x12=312X4.85		1513
WHITALL CASH		358
TOTALS		1763
ADJUSTMENT		
AREA 936 X BASE RATE 24.98		23581
ADDED FEATURES		1163
REPRODUCTION COST		55144
DEPRECIATION 20 %		26704
ORIGINAL COST		5381
		2152
		19371
		1030

YEAR BUILT	YR. REMOD.
1968	
COST	DATE
CONDITION	SELLING PRICE
134R3	1st 16000
NO 512 IN G	4-2-79

PHOTOGRAPH
or
(NUMBER)



APPENDIX B

File Original and First Copy with
Department of EcologySecond Copy—Owner's Copy
Third Copy—Driller's Copy

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. 31637

Water Right Permit No.

(1) OWNER: Name CHELAN CO. PUD #1 of Wenatchee Address PO Box 1231 Wenatchee, WA 98801(2) LOCATION OF WELL: County CHELAN NE SE X Sec 4 T. 22 N., R. 20 W.M.(2a) STREET ADDRESS OF WELL (or nearest address): 5th & Miller St. Substation(3) PROPOSED USE: ☐ Domestic Irrigation ☐ Industrial ☐ Municipal ☐
☐ DeWater ☐ Test Well ☒ Other Landfill

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

(4) TYPE OF WORK: Owner's number of well (if more than one) 2Abandoned ☐ New well ☒ Method: ☐ Aug ☐ Bored ☐
☐ Deepened ☐ Cable ☐ Driven ☐
☐ Reconditioned ☐ Rotary ☒ Jetted ☐(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 131 feet. Depth of completed well 131 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6 Diam. from +1 1/2 ft. to 131 ft.
Welded ☒ Diam. from _____ ft. to _____ ft.
Liner installed ☒ Diam. from _____ ft. to _____ ft.
Threaded ☐ Diam. from _____ ft. to _____ ft.Perforations: Yes ☐ No ☒

Type of perforator used _____

SIZE of perforations _____ in. by _____ in.

_____ perforations from _____ ft. to _____ ft.

_____ perforations from _____ ft. to _____ ft.

_____ perforations from _____ ft. to _____ ft.

Screens: Yes ☐ No ☒

Manufacturer's Name _____

Type _____ Model No. _____

Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel packed: Yes ☐ No ☒ Size of gravel _____

Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes ☒ No ☐ To what depth? 20 ft.Material used in seal BenitapineDid any strata contain unusable water? Yes ☐ No ☒

Type of water? _____ Depth of strata _____

Method of sealing strata off _____

(7) PUMP: Manufacturer's Name _____

Type: _____ H.P. _____

(8) WATER LEVELS: Land surface elevation _____ ft.

Static level: 110 1/2 ft. below top of well Date 6-12-89

Artesian pressure _____ lbs. per square inch Date _____

Artesian water is controlled by _____ (Cap, valve, etc.)

(9) WELL TESTS: Drawdown in aquifer water level is lowered below static level

Was a pump test made? Yes ☐ No ☒ If yes, by whom? _____

Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.

" " " " " "

" " " " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time Water Level Time Water Level Time Water Level

Date of test _____

Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.

Artest _____ gal./min. with stem seal at _____ ft. for _____ hrs.

Artesian flow _____ g.p.m. Date _____

Temperature of water _____ Was a chemical analysis made? Yes ☐ No ☒Work started 6-12, 19, Completed 6-12, 1989

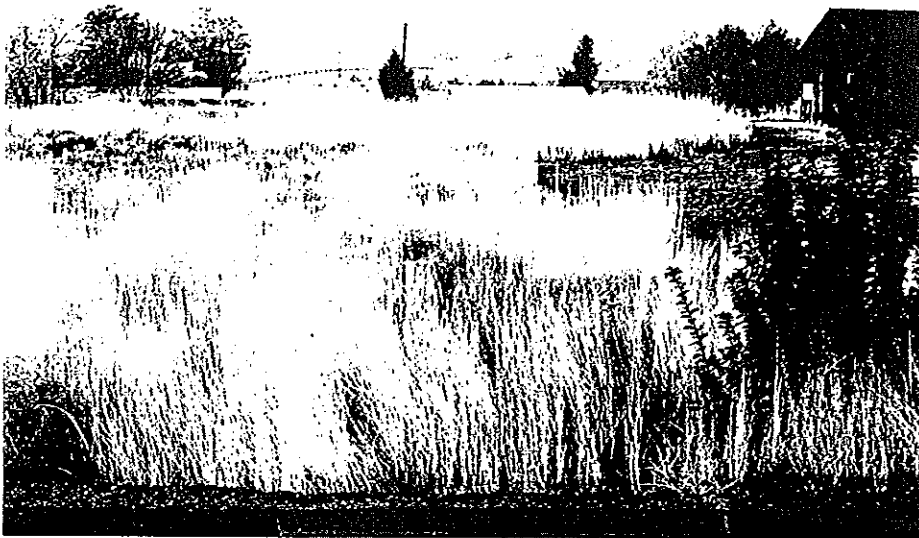
WELL CONSTRUCTOR CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

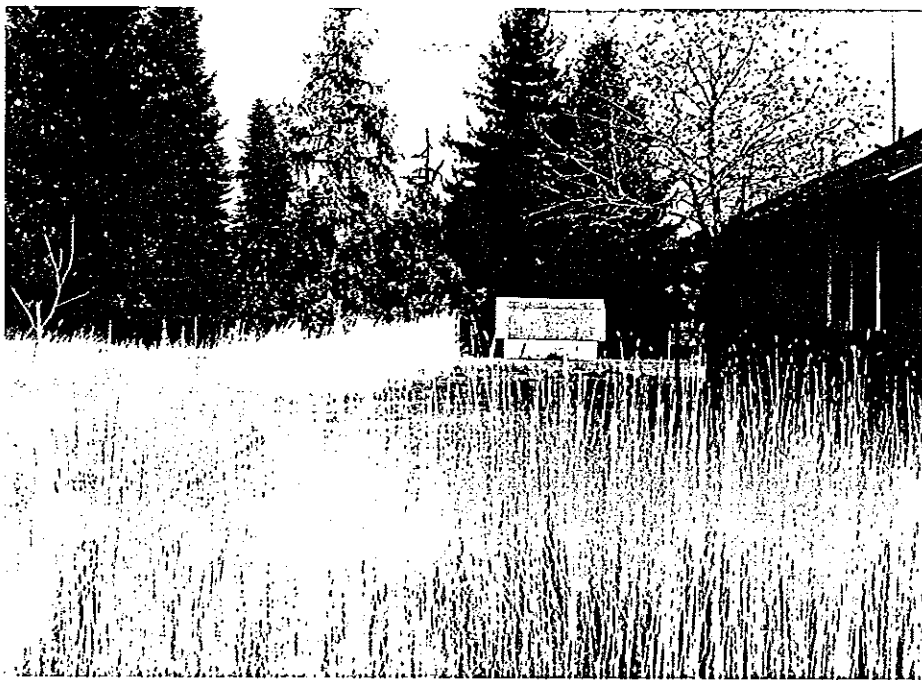
NAME TUMWATER DRILLING INC.
(PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)Address LEAVENWORTH, WASH.(Signed) Butt License No. 1249
(WELL DRILLER)Contractor's Registration No. TUMWATER 1330C Date 6-13, 1989

(USE ADDITIONAL SHEETS IF NECESSARY)

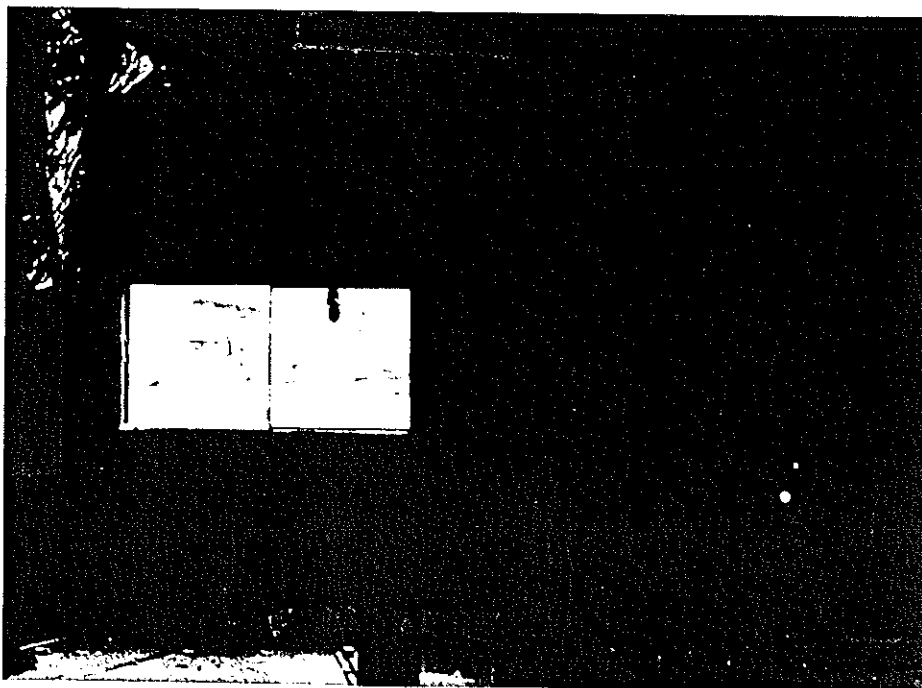
APPENDIX C



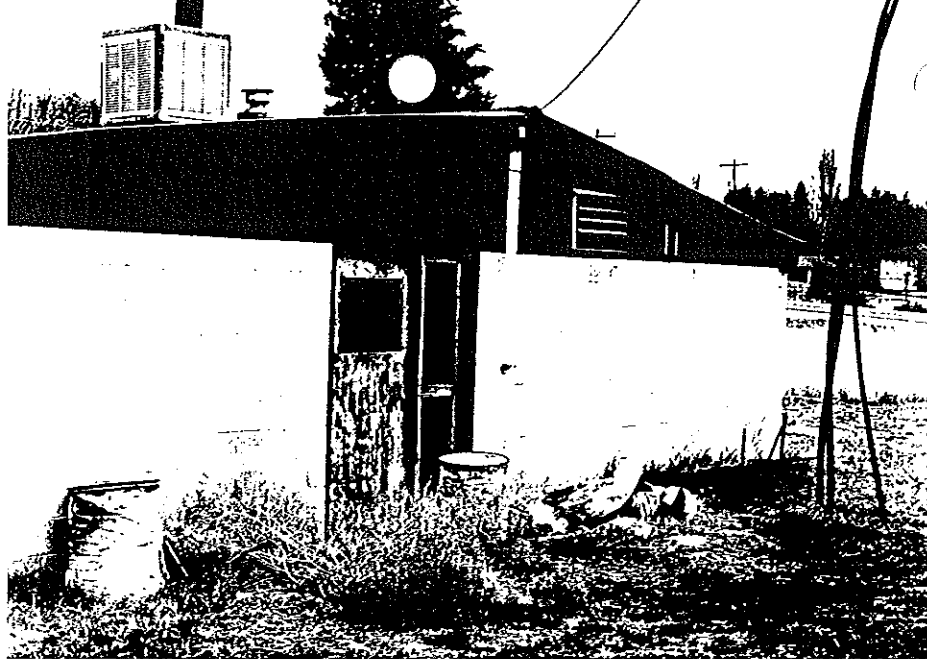
Photograph 1: Photograph of the southern portion of the subject property. Photograph was taken from the eastern border facing west.



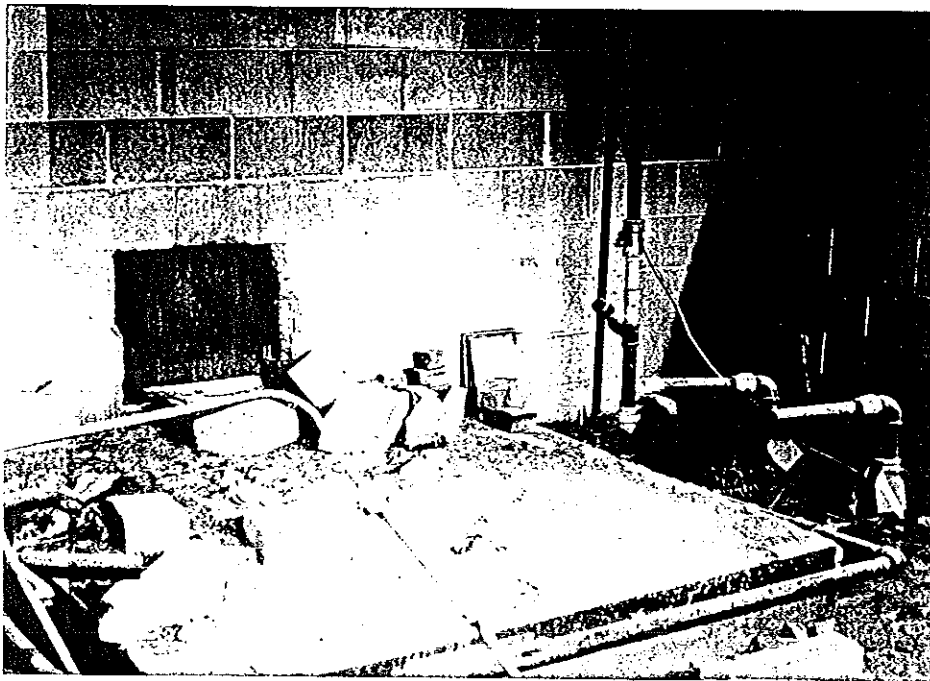
Photograph 2: Photograph of the northwest portion of the subject property. The structure to the right is the western structure on the site.



Photograph 3: Photograph in the western structure.



Photograph 4: Photograph of the eastern structure.



Photograph 5: Photograph inside the eastern structure. Former location of the furnace used for ceramic works.



Photograph 6: Photograph of debris present in the eastern structure.



Photograph 7: Photograph of debris present in the eastern structure.



Photograph 8: Photograph of the storage unit shed north of the eastern structure. The large gray structure behind the storage unit is owned by Mr. Jim Zeller.

APPENDIX D

11/13/96 Eastern Plains Lot 2

~~Wells~~ irrigation pipe just south of Test Pit 3 runs east west at approximately 2' bgs metal pipe 6" in diameter 3' bgs just west of gravel road.

According to Jim resident just north of East Plains. Mentioned lead Arsenic in the soil due to former orchard on the parcel. He found he could not grow cucumbers or tomatoes, he said that was when he found out about lead Arsenic.

Delapidated house on concrete ^{foundation} ~~slab~~, wood frame. Vinyl flooring, Plowed interior wall board, scraps of insulation ^{debris and waste debris inside, press board flooring}. Apartments are for low income people. No hazardous materials found

Exterior of house northside two car batteries and 1/2 of a 30 gallon trash can of fertilizer

Cinder Block Work shop with galvanized roof & concrete slab.

Inside concrete slab for ceramic oven, piping still in place

Bonding mortar, several unfinished broken ceramic pots, bricks, metal chunks, old cushions and small metals. No hazardous material in structure

Gravel Road on the western portion of the property

9' X 15' wood construction storage unit
debris inside includes cardboard boxes
& wood paneling

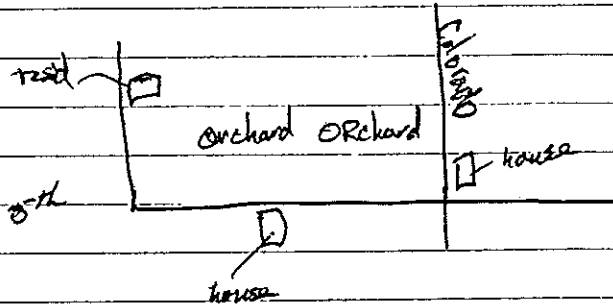
No Hazardous materials present

According to Leroy Belieu the structures were
built approximately 20 years ago

Surface
Debris

bricks and truck bed located west of Access
road and vegetated debris mounds south & west
of bricks

49' AAG + IF - 05



T 22 R 20 Sect 11 SE

BRIDGE-VIEW HEIGHTS

(660.0')
599.93'
N 67°13'00" E

RADO AVE

S 22°42'57" E 660.16' (660.5') EAST LINE E.W.L.C. LOT 28

NORTH LINE OF SOUTH
330.50' OF LOT 28

EAST LINE OF
ADJOINER DEEDS

LOT 1
1.52 acres

10.00' DEED
OVERLAP
SEE NOTE 2

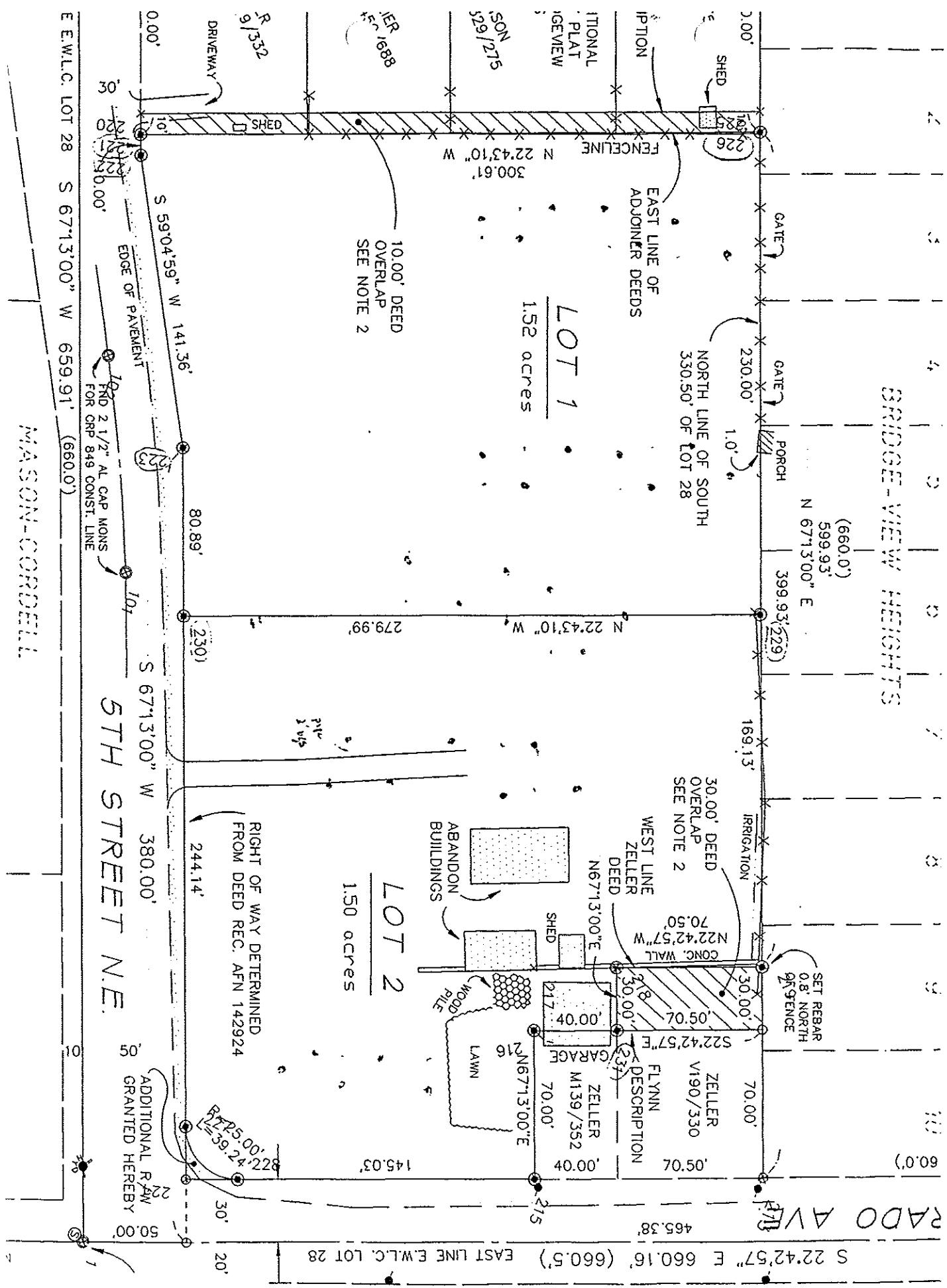
LOT 2
1.50 acres

RIGHT OF WAY DETERMINED
FROM DEED REC. AFN 142924

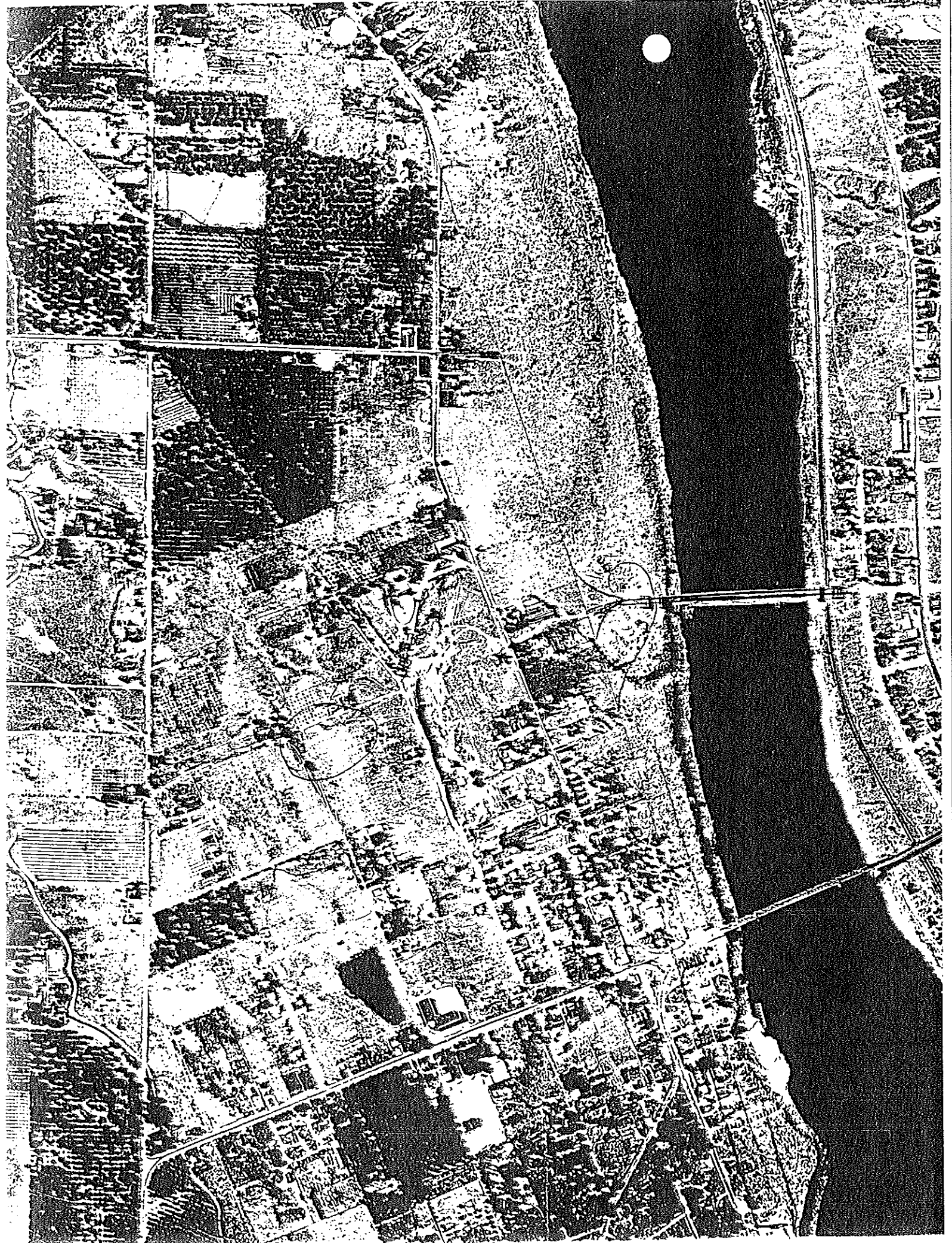
5TH STREET N.E.

E.E.W.L.C. LOT 28 S 67°13'00" W 659.91' (660.0')

MASON-CORDELL



APPENDIX E



130-54





RS INC.

(209) Phone 662-6411



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FOR CONVALESCENT AND AGED-NEWEST TYPE FURNISHINGS
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13

5TH ST—Contd
2301 Taplett Ervin B ©
NO3-8016
2304 Yonan Yousif A ©
NO3-5265
2308 Martin Ray B 662-6002
2314 Prior Roger G © NO3-8045
2318 Mc Rae Leo W
2319 Roberts Geo E NO2-2667
2322 Smith Robt E © NO3-6976
2324 Westby E O Bud NO3-4130

1802 Smith Ronald E ©
TU4-7721
1804 Smith Gordon P ©
TU4-5163
2031 Saint John Donald E ©
TU4-5117
2125 Shinn Hugh B © TU4-4441
2265 No Return
bx5076 Riley Norman Claude ©
TU4-4422
bx5077 Lytle G B TU4-4269

22

5TH ST NE (EAST
WENATCHEE)—FROM N
MAIN ST WEST

ZIP CODE 98801
234 Fewkes Herman ©
TU4-7259
245 Dean Cecil R © TU4-5729
310 Church Of God

23

IOWA AV INTERSECTS
1104 Cunningham Joe G ©
TU4-4037
1110 Roper Robt L TU4-7267
N JAMES AV INTERSECTS
1235 Segle Dale C © TU4-5353
1245 Shell Mabel Mrs ©
TU4-7417
1247 Shaw Quimby P ©
N JOSEPH AV INTERSECTS
1301 Brisbins James ©
TU4-8103
1309 Pray Leslie © TU4-4436
1311 White Marion Jr ©
TU4-4912
1315 Gault Richd L © TU4-4810
1317 Bruggman Geo J ©
TU4-4850
N JUNE AV INTERSECTS
1424 Hoffman David P ©
TU4-8394

1430 Loken Lawrence S ©
TU4-5677
1432 Willms Arnold L ©
TU4-4239
N KANSAS AV INTERSECTS
1520 Gordon Dan © TU4-5623
1525 Schall Nick A © 884-4496
N KELLAR AV INTERSECTS
N KENT TER INTERSECTS
N KENTUCKY AV
INTERSECTS
1786 Gardner Vos Burg ©
TU4-7698
1790 Wallace Clyde E ©
TU4-4687

6TH PLACE NE (EAST
WENATCHEE)—FROM 600
N JAMES AV EAST

ZIP CODE 98801
1234 Falkenberg Gerald ©
TU4-4032
1235 Gensinger Gerald W ©
TU4-5990
1245 Downs Duane © TU4-4089
1250 Boechler Otto M 884-4862
1289 Hammans Benj G ©
TU4-5579
1290 Tessman Roger L ©
TU4-4286
N JENIFER LANE
INTERSECTS
1300 Taylor Glenn © TU4-5952
1310 Waller Richd L ©
TU4-5521
N JEROME LANE
INTERSECTS
1311 Gallaher Herm C ©
TU4-4404
1312 Kelly Richd J
1314 Mac Kenzie Barbara L Mrs
© TU4-4705
1315 Johnston Delmer J ©
TU4-4904
1316 Jean's Beauty Shop
TU4-7292
Moore Jean Mrs ©
TU4-7292

23

6TH ST —FROM 622 N
MILLER ST WEST

ZIP CODE 98801
1106 Young Charles W ©
NO3-4247

13

6TH ST NORTHEAST (EAST
WENATCHEE)—FROM 600
N BAKER AV EAST

ZIP CODE 98801

22

112 North Milton St., Wenatchee 98801

JOAN CLARK - Broker

JOAN CLARK
REALTOR



Phone 663-2181

N. E. Corner N. E. 10th Street East Wenatchee (98801)

EVERGREEN MEMORIAL PARK
AN ENDOWMENT CARE CEMETERY
FAMILY PLOTS-MEMORIALS-URN GARDEN
PHONE TURNER 4-4651



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ROBERT E. BLANC, OWNER/MANAGER

TEL. 663-8151

AFTER HOURS 662-1274

330 KING ST.

WENATCHEE, WA. 98801

13

5TH ST—Contd

1705 Smith Maurice M ©
663-7047

1709★Marker James D 663-2433

1715 Frack Larry P © 662-6084

1716 Fife Kenneth A © 663-3491

1721 Connolly Herbert N ©
663-1061

1725 Larson Gary L © 662-2073

1726★Hayes Pam L

1732 Western Market 662-6362

14

N WESTERN AV INTERSECTS

1806 Murren Virgil E © 662-8407

1808 Bolyard Gordon W ©
663-2249

MARILYN AV INTERSECTS

1810 Weaver Charles © 663-4598

1812 Galey Kenneth G ©

1815 Vacant

1816 Hastings David A ©
662-1221

1818 Cooper Ralph R © 663-6938

1819 Moser Charles H © 663-2066

MARIE AV INTERSECTS

1820 Blum Walsh H © 663-3058

1820a Brown Darrell M ©
663-4492

1822 Osborne John H © 663-4323

1903 Rhodes Paul D © 662-6024

1904 Wright Jim A 663-6751

1906 Matthews Dennis P ©
663-1462

1906a Burns Harold E © 662-6641

1907 Wise Lydia B Mrs ©
663-3324

1910 Farnsworth Charles H ©
662-8297

1910a Eighth Harry E 662-2237

CANAL BLVD INTERSECTS

1918 Pugh Paul K © 662-2849

1919 Edmonson Larry R ©
662-2207

Under Constn

Smith Jack A © 662-8439

1920 Finley Saml G © 663-6002

1921 Turner R

N WOODWARD DR

INTERSECTS

2011 Phillippi Orchards

Warehouse fruit stge

662-7390

Phillippi Eppie Mrs ©

662-7390

2100 Erickson Larry E ©
663-5061

2103 Scott James © 662-7388

2104 Clift Eug P © 663-4721

JENNINGS AV INTERSECTS

2203 Holloman Joe W

2205 Richman Blanche A Mrs ©
663-5294

SURRY RD INTERSECTS

2301 Taplett Ervin B © 663-8016

2304 Yonan Yousif A ©

2308 No Return

WEST KNOLL AV

INTERSECTS

2314 Kuhlman Roger L ©

2318 Schott David R © 662-7493

2321 Craig Murray J © 663-5246

2322 Smith Robt E © 663-6976

CANYON RD NO 1

INTERSECTS

2324 Westby Eug O © 663-4130

22

5TH ST NE (EAST

WENATCHEE)—FROM 511 N

BAKER AV WEST

ZIP CODE 98801

234 Fewkes Herman C ©
884-7259

245 Dean Virginia Mrs ©
884-5729

302 Four Paws Grooming 884-2262
Montoya Richd © 884-2262

306 No Return

310 Church Of God Full Gospel
884-6163

350 Evergreen Apartments The

1 No Return

2 Hughes Glen W

3 Brown Estelle B 884-6122

4★Sanborn Donald L 884-5321

5★Largent Carlene E 884-1325

6★Mc Gowan Robt

7 Ferguson Bruce

8★Lanai Keo

9 Peaslee Gary S 884-8565

10★Racus Jerry

11★Welsch Kline R

12★Skibitski Stewart

13 Harpster Ruby 884-7846

14 Ellison Robt

15★Cronan Steven M 884-0843

16★Brammor Steven

17★Thorn Larry

18★Walker Richmond

21 S. Chelan Avenue

P.O. Box 2307

Wenatchee 98801



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COMPAGNATION 116 S. KOLLA DR. 2

TEL. 662-1001

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Tel. 884-6444, Fax 884-2361

11

★ NEW NEIGHBOR

5TH ST-Contd

1345 Michel Furniture Clinic repr & refushg
663-6130

1355★Eardley Trask @ 662-2415

N ELLIOTT AV INTERSECTS

1403 Guenther Helmet @

1409 Watson Raymond G @ 662-8573

1417 Stockwell Geo B @ 663-1035

1421 Stockwell John A 662-3415

1425 Martin Kenneth @ 662-7535

1501 Gentz

1519 Lutz Donna @ 663-0619

1525 Melcher Albert R @ 662-7439

1529 Foland Dorothy @ 662-1256

1601 Free Methodist Church 662-1502

Free Methodist Church (Ofc) 662-1502

PERSHING ST INTERSECTS

1606 Cox Lillian C @ 663-4565

1610 Gettmann Floyd E @ 662-5502

1630 Rutherford Wm W @ 662-8840

POPLAR ROW INTERSECTS

1700 Chelan County P U D (Sub Sta)

1701 Key Francis S @ 663-3732

1705 Smith Maurice M @ 663-7047

1709 Humiston Harlan Rev 662-6479

1715 Vacant

1716 Fife Kenneth A @ 663-3491

1720 Office Building

Suites

A Physical Attractions (Addl Sp)
663-4377

B Physical Attraction tanning toning &
weight loss 663-4377

C Woven Business Services software
payroll comp serv 662-6293

D Galaxy Comics new used & rare book
dir 663-4330

E Reene's Collectibles baseball cards
663-3821

F Vacant

G Vacant

H Merle's Barber Shop 662-8691

I Farmers Insurance Group 663-0534

1721 Whitehall Duane R 662-1311

1725 Larson Gary L @ 662-2073

1732 Western Market 662-6362

N WESTERN AV INTERSECTS

1806 Murren Virgil E @ 662-8407

1807 Raymond Griffith F @ 662-7756

1808 Bolyard Gordon W @ 663-2249

MARILYN AV INTERSECTS

1810★Switzer Robin @

1812 Crosslyn Sherry L Mrs @ 663-0451

1815 No Return

1816 Long Donna @ 663-7981

1818 Back Jas L @ 662-5093

1819 Moser Charles H @ 663-2066

MARIE AV INTERSECTS

1820 Blum Edith J @ 663-3058

1820a Brown Wendy L @ 663-4492

1822 Osborne John H @ 663-4323

14

1903 Rhodes Paul D @ 662-6024

1904 Vickery Ronald 662-0348

1906 Matthews Dennis P @ 663-1462

1906a Massey James 662-6641

1907 Wise Gale P @ 663-3324

1910 Farnsworth Charles H @ 662-8297

1910a Eighme Adelle M Mrs 662-2237

CANAL BLVD INTERSECTS

1918 Pugh Paul K @ 662-2849

1919-1 Ferguson Virgil 663-5140

1919-2 Larson David S 663-3031

1919-3★Scheumann Stanley 662-7549

1919-4 Smith Jack A 662-8439

1920 Finley Sami G @ 662-8730

1921 Phillippi Fruit Co 662-8522

1925 Collins Cindy K @

N WOODWARD DR INTERSECTS

2009 Phillippi Fruit Co (Whse) 662-8522

2011 Phillippi Effie Mrs @ 662-7390

2036 Lindahl Judith A @ 663-8848

2100 Erickson Larry E @ 663-5061

2103 Vacant

2104 Clift Eug P @ 663-4721

JENNINGS AV INTERSECTS

2203 Wysong Arilla M Mrs @ 662-0779

2205 Cummins Debbie J

SURRY RD INTERSECTS

2301 Taplett E B @ 663-8016

2304 Brunner Julie K @ 663-3561

2308 Borst Robt @ 662-8464

WEST KNOLL AV INTERSECTS

2314 Kuhlman Roger L @

2318 Vacant

2319 No Return

2321 Allan Timothy A

2322 Smith Robt E @ 663-6976

2326 Thompson Cecil @ 663-4516

CANYON RD NO 1 INTERSECTS

2324 Pipkin A L Construction excavating &
grading contrs 663-0496

Pipkin A L @ 663-0496

CANYON ROAD NO 1 INTERSECTS

22

5TH ST NE (EAST WENATCHEE)
FROM 511 N BAKER AV EAST

ZIP CODE 98802

245 Dean A Virginia 884-5729

250 Forde Esther Mrs @ 884-7774

252 Vacant

254 Herd Dallas S 884-2944

256 Jones Norma J Mrs @ 884-6774

N COLORADO INTERSECTS

N DARWOOD AV INTERSECTS

302 Morrow Rick 884-1522

306 Alto June @ 884-1649

310 Church Of God New Life Center

884-6163

350 Evergreen Apartments The

1 Judd Terri L 884-5847

2★Nash Gertrude 884-6658

3 Hillman Martha E



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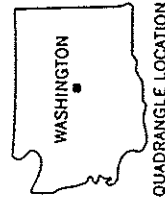
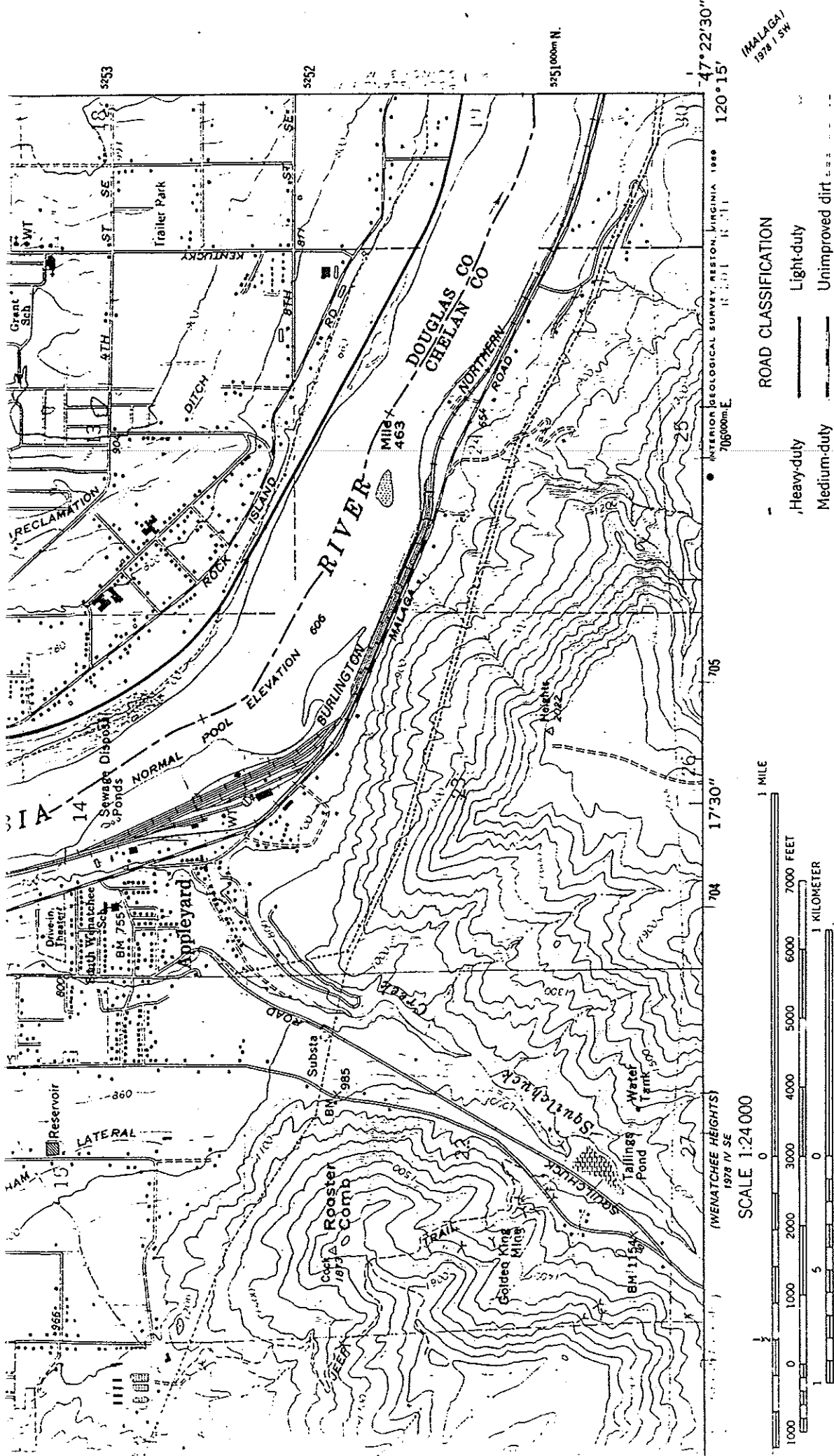
Designed and Made In Wenatchee

TOWN TOYOTA

812 N. WENATCHEE AV.

TEL. 663-8800

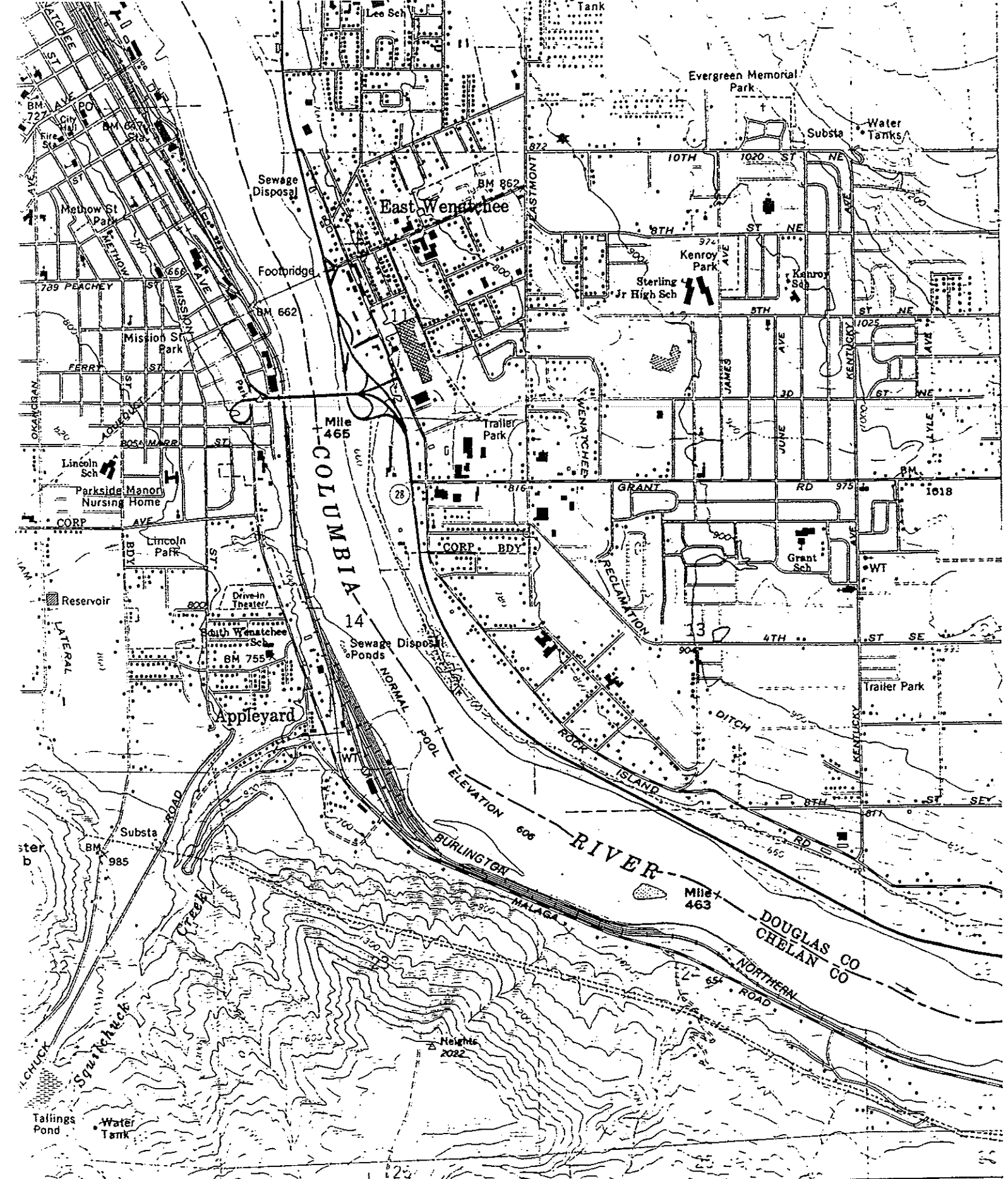
Illustration of repairs and solutions for "Top Gun" (1986)



Revisions shown in purple and woodland compiled from aerial photographs taken 1983 and other source data. Partial field check by U. S. Forest Service. Map edited 1987

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS FOR SALE BY U. S. GEOLOGICAL SURVEY DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ATCHEE HEIGHTS)
1070 24 65

SCALE 1:24 000

0 1 MILE

3000 4000 5000 6000 7000

● INTERIOR GEOLOGICAL SURVEY RESTON VIRGINIA - 1985
7060000m.F

706000m-E

ROAD CLASSIFICATION

Heavy-duty

Light-duty...

Medium-duty

Unimproved dirt =====

Yes - Wetlands
Yes - National Parks/Recreation Areas
Yes - EPA CERCLIS (Superfund) Facilities
Yes - EPA RCRA (Hazardous Waste Treatment, Storage, Disposal) Facilities
Yes - EPA NPDES (Permitted dischargers to waterways) Facilities
Yes - EPA TRI (Toxic Release Inventory) Facilities
Yes - Public Groundwater Supplies
Yes - Public Surface Water Supplies
Yes - Streams marked with Fisheries/Habitat Values - WA. only
Yes - Latitude/Longitude Grid (1 minute cells)

*** End of Notes ***

□

** EPA Regulated Site / Management Information **

Indian Nation Information

=====

Site apparently not located within 1 mile any Indian Nation areas.

Air Non-Attainment Area Information

=====

Site apparently not located in any air non-attainment areas.

EPA Facility Databases Information

=====

Distance Range From 0 to 1 mile(s):

CERCLA: 3 sites in distance 0 to 1 mile(s):

Rec#1141	Fac ID:WAD980638951	Lat/Long: 47 24 10.0 120 17 55.0
Name: CHELAN CO S WENATCHEE AV LDFL		
NPL Status: N Archived From CERCLIS: X		
Rec#1150	Fac ID:WAD980639074	Lat/Long: 47 24 15.0 120 18 17.0
Name: CHELAN CO LINCOLN PARK LDFL - outside of 1 mile radius		
NPL Status: N Archived From CERCLIS: X		
Rec#1282	Fac ID:WAD980833156	Lat/Long: 47 25 06.0 120 17 30.0
Name: WSU - TREE FRUIT RESEARCH UNIT		
NPL Status: N Archived From CERCLIS:		

RCRA TSD: 0 sites in distance 0 to 1 mile(s):

Toxic Release Inventory (TRI): 0 sites in distance 0 to 1 mile(s):

NPDES (Mostly Majors): 0 sites in distance 0 to 1 mile(s):

Distance Range From 1 to 2 mile(s):

CERCLA: 2 sites in distance 1 to 2 mile(s):

Rec#1185	Fac ID:WAD980639678	Lat/Long: 47 25 35.0 120 18 25.0
Name: CHELAN CO WORTHEN ST LDFL		
NPL Status: N Archived From CERCLIS: X		
Rec#1446	Fac ID:WAD988515912	Lat/Long: 47 25 11.0 120 18 52.0
Name: DEACONESS HOSPITAL		
NPL Status: N Archived From CERCLIS:		

RCRA TSD: 0 sites in distance 1 to 2 mile(s):

Toxic Release Inventory (TRI): 0 sites in distance 1 to 2 mile(s):

NPDES (Mostly Majors): 2 sites in distance 1 to 2 mile(s):

Rec# 496 Fac ID:WA0022756 Lat/Long: 47 25 45 120 18 34
Name: WENATCHEE/ CITY OF (STP)
Plant: City:
Major: Permit Expires:
Rec# 509 Fac ID:WA0023621 Lat/Long: 47 25 38 120 18 32
Name: SIMPLOT FOODS INC
Plant: City:
Major: Permit Expires:

□

** Human Health Factors/Concerns **

Population Factors Using 1990 Census Data

Approximate Population and Demographic Analysis

Notes:

- 1) Based on summing Census Tract/Block centroids within distance ranges. A portion of actual block may extend beyond distance (overcount), or portions of some blocks may be within distance but centroid is outside (undercount). Usually within 5% in the 1 to 5 mile range.
- 2) The Hispanic Origin category is defined as an ethnic category, not as a race in the official Census definitions. Hispanic Origin may include counts from any of the Census race categories including White. PL171 Census data included a cross tabulation of origin versus race. Our definition for Total People of Color is Total Population - White Origin as tabulated in the PL171 data. The individual race summaries are summarized as originally defined.

Distance Range From 0 to 1 mile(s):

170 Census Tract/Block Centroids within distance of 0 to 1 mile(s):

Houshold Units	=	2425		
Total Population	=	6243		Comparison
Age Over 18	=	4548	72.8%	ID,OR,WA
Age Under 18	=	1695	27.2%	Stats
By Race: White	=	5639	90.3%	90.6%
Black	=	22	0.4%	2.3%
Amer Indian	=	83	1.3%	1.5%
Asian	=	68	1.1%	3.3%
Other	=	431	6.9%	2.3%
By Origin: Hispanic Org	=	614	9.8%	4.4%
Total People of Color	=	774	12.4%	11.3% See note 2.

Average Pop Density per sq mi = 1987 (Centroids/Distance Radius Area)

Distance Range From 0 to 2 mile(s):

541 Census Tract/Block Centroids within distance of 0 to 2 mile(s):
Houshold Units = 9777

Total Population =	24448		Comparison
Age Over 18 =	17727	72.5%	ID, OR, WA
Age Under 18 =	6721	27.5%	Stats

By Race: White =	22448	91.8%	90.6%
Black =	65	0.3%	2.3%
Amer Indian =	261	1.1%	1.5%
Asian =	224	0.9%	3.3%
Other =	1450	5.9%	2.3%

By Origin: Hispanic Org =	2064	8.4%	4.4%
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Total People of Color =	2589	10.6%	11.3% See note 2.
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Average Pop Density per sq mi = 1939 (Centroids/Distance Radius Area)

□

Groundwater Sole Source Aquifer Information
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Site apparently not located within 1 mile of any Sole Source Aquifer areas.

Public Groundwater Supply Information
=====

Distance Range From 0 to 1 mile(s):

Washington Public Groundwater Supply Wells: 0 within distance 0 to 1 mile(s):

Distance Range From 1 to 2 mile(s):

Washington Public Groundwater Supply Wells: 2 within distance 1 to 2 mile(s):

Rec# 434		
System ID: 22N 21E 19D4	Lat/Long: 472315	1201525
Name: EAST WENATCHEE WATER DIST	State Permit#:	218005
Total System Population Served = 13000.		
Rec# 435		
System ID: 22N 21E 19D5	Lat/Long: 472315	1201520
Name: EAST WENATCHEE WATER DIST	State Permit#:	218005
Total System Population Served = 13000.		

Public Surface Water Supply Information
=====

Distance Range From 0 to 1 mile(s):

Washington Public Surface Water Intakes: DATABASE NOT AVAILABLE.

Distance Range From 1 to 2 mile(s):

Washington Public Surface Water Intakes: DATABASE NOT AVAILABLE.

Washington Priority Habitats and Species

Distance Range From 0 to 1 mile(s):

Washington - Priority Habitats/Species areas/points: 8/0 within 0 to 1 mile(s):

Areas below may be overlapping - Actual total of areas = 7375.8 acres.
Also, portions of the Spec/Hab areas may lay outside of distance ring.

Spec/Hab: Mule Deer Species Use: Regular Large Concentration
Desc: MULE DEER HISTORIC WINTER RANGE-LOST TO ALTERNATE LAND USE
Areas= 4 Sum Area= 7290.6 acres

Spec/Hab: Riparian zone Species Use:
Desc: RIPARIAN -COLUMBIA RIVER -NEAR RAILROAD YARDS
Areas= 5 Sum Area= 44.0 acres

Spec/Hab: Waterfowl Species Use: Regular Large Concentration
Desc: WATERFOWL WINTERING/FALL CONCENTRATION AREAS IN ROCK ISLAND POOL

BETW

EEN RIVER MILES (RM) 453.5 & 473.5 MIXED DABBLER & DIVER DUCKS &

CANA

DA GEES. NUMBERS RANGE' BETWEEN 500-1500 FOR DUCKS & 250-1000 FOR

GEE

SE. GREBES & LOONS ALSO COMMON.'

Areas= 3 Sum Area= 74.3 acres

Spec/Hab: Urban Natural Open Space Species Use:

Desc: LOW BENCH ALONG RIVER WITH SAGEBRUSH (GRASS CORNER PROVIDES COVER

FOR

GREATBLUEHERONS, UPLAND GAME BIRDS, RAPTORS, AND NONGAME BIRDS.

SECL

UDED FROM HIGHWAY TRAFFIC.

Areas= 1 Sum Area= 8.2 acres

Spec/Hab: Great Blue Heron Species Use: Regular Small Concentration

Desc: GREAT BLUE HERON CONCENTRATION AREA-40-60

Areas= 1 Sum Area= 8.2 acres

Spec/Hab: Riparian zone Species Use:

Desc: RIPARIAN ZONE ALONG COLUMBIA RIVER. VEGETATION INCLUDES COTTONWOOD

TR

EES, WILLOW' BIRCH, MULBERRY, DOGWOOD, ROSE & OTHER HARDWOOD

SPECIES.

UNDERSTORY INCLUDES HO'RSETAIL & JUNCUS. PROVIDES HABITAT FOR

UPLAND

GAME, RAPTORS & OTHER NONGAME BIRD

Areas= 2 Sum Area= 26.0 acres

Distance Range From 1 to 2 mile(s):

Washington - Priority Habitats/Species areas/points: 10/0 within 1 to 2 mile(s):

Areas below may be overlapping - Actual total of areas = 8251.6 acres.
Also, portions of the Spec/Hab areas may lay outside of distance ring.

Spec/Hab: Urban Natural Open Space Species Use:

Desc: A MOSAIC OF DRYLAND WHEAT FIELD AND SHRUB-STEPPE. NATURAL VEGETATION

MOSTLY SAGEBRUSH AND BUNCH-GRASSES. PROVIDES HABITAT FOR MULE DEER,

U

PLAND GAMEBIRDS, RAPTORS AND NON-GAME BIRDS.

Areas= 1 Sum Area= 4442.0 acres

Spec/Hab: Mule Deer Species Use: Regular Large Concentration
 Desc: STEEP ROCKY CANYONS, DOUGLAS/P. PINE FORESTS, SHRUB STEPPE BENCHES
 PR OVIDE HABITAT FOR SEVERAL HUNDRED MULE DEER. STANDS OF BITTERBRUSH,
 RIPARIAN ZONES, WINTER' WHEAT AND CRP ADD QUALITY TO HABITAT.'
 Areas= 1 Sum Area= 4442.0 acres
 Spec/Hab: Mule Deer Species Use: Regular Large Concentration
 Desc: PRODUCTIVE MOSAIC OF DOUG FIR/P. PINE FORESTS, SHRUBSTEPPE INCLUDING
 AREA OF BITTERBRUSH, RIPARIAN ZONES AND WINTER WHEAT PROVIDE HABITAT
 FOR 200-300 MULE DEER.' HIGHER ELEVATIONS FAWNING AREAS AND SUMMER
 R ANGE. LOWER BENCHES AND DRAWS OF'
 Areas= 1 Sum Area= 4442.0 acres
 Spec/Hab: Riparian zone Species Use:
 Desc: RIPARIAN AREA COMPOSED COTTONWOODS, WILLOW, DOGWOOD, ELM
 BLACKBERRIES,
 ROSE LOCUST AND OTHER SPECIES-2-3 OPEN PONDS. PROVIDES DENSE COVER
 F OR UPLAND BIRDS, FURBEARS EAGLES, DUCKS, SHOREBIRDS, RAPTORS AND
 OTHE R NON-GAME BIRDS.
 Areas= 1 Sum Area= 64.4 acres
 Spec/Hab: Bald Eagle Species Use: Regular Small Concentration
 Desc: BALD EAGLE WINTER PERCHES ALONG SHORELINE OF ROCK IS POOL-COLUMBIA
 RI VER BETWEEN' RIVER MILES(RM) 453.5 AND 473.5 (BETWEEN ROCK IS. AND
 RO CKY REACH DAMS) LOW NUM'BERS OF EAGLES(1-15) PERCH ON TREES, CLIFFS
 A ND MAN-MADE PERCHES BETWEEN OCT-MAR
 Areas= 1 Sum Area= 64.4 acres
 Spec/Hab: Mule Deer Species Use: Regular Large Concentration
 Desc: MULE DEER WINTER RANGE 500 MULE DEER
 Areas= 2 Sum Area= 3700.0 acres
 Spec/Hab: Mule Deer Species Use: Regular Large Concentration
 Desc: MULE DEER HISTORIC WINTER RANGE-LOST TO ALTERNATE LAND USE
 Areas= 3 Sum Area= 39.6 acres
 Spec/Hab: Riparian zone Species Use:
 Desc: RIPARIAN -COLUMBIA RIVER -NEAR RAILROAD YARDS
 Areas= 5 Sum Area= 33.5 acres
 Spec/Hab: Waterfowl Species Use: Regular Large Concentration
 Desc: WATERFOWL WINTERING/FALL CONCENTRATION AREAS IN ROCK ISLAND POOL
 BETW EEN RIVER MILES (RM) 453.5 & 473.5 MIXED DABBLER & DIVER DUCKS &
 CANA DA GEES. NUMBERS RANGE' BETWEEN 500-1500 FOR DUCKS & 250-1000 FOR
 GEE SE. GREBES & LOONS ALSO COMMON.'
 Areas= 1 Sum Area= 0.4 acres
 Spec/Hab: Species Use:
 Desc: None Available
 Areas= 1 Sum Area= 153.0 acres
 Spec/Hab: Riparian zone Species Use:
 Desc: RIPARIAN ZONE ALONG COLUMBIA RIVER. VEGETATION INCLUDES COTTONWOOD
 TR EES, WILLOW' BIRCH, MULBERRY, DOGWOOD, ROSE & OTHER HARDWOOD
 SPECIES.
 UNDERSTORY INCLUDES HO'RSETAIL & JUNCUS. PROVIDES HABITAT FOR

UPLAND

GAME, RAPTORS & OTHER NONGAME BIRD
Areas= 3 Sum Area= 22.4 acres

Wetlands Areas

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Portions of any reported wetland area(s) may lay outside of the actual specified distance range.
Washington Database from USF&W National Wetlands Inventory (NWI).
Obtained from Washington Dept Ecology in 1992. We are reporting only a subset of wetland type: US EM FO RS SB SS.

Distance Range From 0 to 1 mile(s):

Washington Wetlands (USF&W NWI): 1 within distance 0 to 1 mile(s):
1 Wetland(s) with FWS Code: PEM1AH and total area of 6.5 acres.

Distance Range From 1 to 2 mile(s):

Washington Wetlands (USF&W NWI): 3 within distance 1 to 2 mile(s):
3 Wetland(s) with FWS Code: PFO1AH and total area of 7.6 acres.

Stream Segments of Concern

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Portions of reported segments may occur outside of distance ranges.
Note that streams may not register correctly with other stream traces on maps due to differing source data scales and other considerations.
Washington streams information from 1992 WARIS GIS Database from the Department of Fish & Wildlife. Contact Martin Hudson at F&W for any more infomation at 206-664-0383.
The report indicates overall quality of reach for resident fish, existence of critical spawning habitats, presence species of concern, and the number of anadroumous species present.

Distance Range From 0 to 1 mile(s):

Washington Stream Segments with data: 5 in distance 0 to 1 mile(s):

Reach #/Stream Name	Length Miles	Res Fish Quality	Crit Spawn	Spec Cncrn	#Anad Pres
17020010-36 COLUMBIA R	1.41	Moderate	Y	Y	5
17020010-37 COLUMBIA R	1.27	Moderate	Y	Y	5
17020010-37 COLUMBIA R	1.31	Moderate	Y	Y	5
17020010-66 SQUILCHUCK CR	0.08	Moderate	-	-	0
17020010-66 SQUILCHUCK CR	2.35	Moderate	-	-	0

Distance Range From 1 to 2 mile(s):

Washington Stream Segments with data: 1 in distance 1 to 2 mile(s):

Reach #/Stream Name	Length Miles	Res Fish Quality	Crit Spawn	Spec Cncrn	#Anad Pres
17020010-36 COLUMBIA R	0.89	Moderate	Y	Y	5

*** End of Report ***

SUPERFUND SITES IN THE PACIFIC NORTHWEST

EPA REGION 10

AS OF 10/2/95

Site Name	City/County	Date Proposed (1)	Federal Register Citation	Date Final	Federal Register Citation	Notes (2)	Date Deleted (3)	Federal Register Citation
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In ALASKA (8 Final)

Alaska Battery Enterprises	Fairbanks N Star Bor	06/24/88	53 FR 23978	03/31/89	54 FR 13296			
Arctic Surplus	Fairbanks	10/26/89	54 FR 43778	08/30/90	55 FR 35502			
* Eielson Air Force Base	Fairbanks N Star Bor	07/14/89	54 FR 29820	11/21/89	54 FR 48184	F		
* Elmendorf Air Force Base	Greater Anchorage Bo	07/14/89	54 FR 29820	08/30/90	55 FR 35502	F		
* Fort Richardson	Anchorage	06/23/93	58 FR 34018	05/31/94	59 FR 27989	F		
* Fort Wainwright	Fairbanks N Star Bor	07/14/89	54 FR 29820	08/30/90	55 FR 35502	F		
* Naval Air Station Adak	Adak Island	10/14/92	57 FR 47204	05/31/94	59 FR 27989	F		
* Standard Steel&Met Sal Yd (USDOT)	Anchorage	07/14/89	54 FR 29820	08/30/90	55 FR 35502	F		

In IDAHO (8 Final & 2 Proposed & 1 Deleted)

Arrcom (Drexler Enterprises)	Rathdrum	12/30/82	47 FR 58476	09/08/83	48 FR 40658		12/23/92	57 FR 61005
Blackbird Mine	Lehmi County	05/10/93	58 FR 27507					
Bunker Hill Mining & Metallurg	Smelterville	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
Eastern Michaud Flats Contamin	Pocatello	05/05/89	54 FR 19526	08/30/90	55 FR 35502			
* Idaho National Engin Lab (USDOE)	Idaho Falls	07/14/89	54 FR 29820	11/21/89	54 FR 48184	F		
Kerr-McGee Chemical (Soda Springs)	Soda Springs	05/05/89	54 FR 19526	10/04/89	54 FR 41000			
Monsanto Chemical (Soda Springs)	Soda Springs	05/05/89	54 FR 19526	08/30/90	55 FR 35502			
* Mountain Home Air Force Base	Mountain Home	07/14/89	54 FR 29820	08/30/90	55 FR 35502	F		
Pacific Hide & Fur Recycling Co.	Pocatello	09/08/83	48 FR 40674	09/21/84	49 FR 37070			
Triumph Mine Tailings Piles	Triumph	05/10/93	58 FR 27507					
Union Pacific Railroad Co.	Pocatello	09/08/83	48 FR 40674	09/21/84	49 FR 37070			

In OREGON (11 Final & 1 Proposed & 1 Deleted)

Allied Plating, Inc.	Portland	01/22/87	52 FR 2492	02/21/90	55 FR 6154		11/14/94	59 FR 56409
East Multnomah County Groundwater	Multnomah County	05/10/93	58 FR 27507					
* FNF/White King/Lucky Lass Mines	Lake County	06/23/93	58 FR 34018	04/25/95	60 FR 20330	F		
Gould, Inc.	Portland	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
Joseph Forest Products	Joseph	06/24/88	53 FR 23978	03/31/89	54 FR 13296			
Martin-Marietta Aluminum Co.	The Dalles	10/15/84	49 FR 40320	06/10/86	51 FR 21054			
McCormick & Baxter Creosoting	Portland	06/23/93	58 FR 34018	05/31/94	59 FR 27989			
Northwest Pipe & Casing	Clackamas	02/07/92	57 FR 4824	10/14/92	57 FR 47180			
Reynolds Metals Company	Troutdale	08/23/94	59 FR 43314	12/16/94	59 FR 65206			
Teledyne Wah Chang	Albany	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
* Umatilla Army Depot (Lagoons)	Hermiston	10/15/84	49 FR 40320	07/22/87	52 FR 27620	F		
Union Pacific RR Tie Treatment	The Dalles	10/26/89	54 FR 43778	08/30/90	55 FR 35502			
United Chrome Products, Inc.	Corvallis	09/08/83	48 FR 40674	09/21/84	49 FR 37070			

In WASHINGTON (52 Final & 6 Deleted)

ALCOA (Vancouver Smelter)	Vancouver	06/24/88	53 FR 23978	02/21/90	55 FR 6154			
American Crossarm & Conduit Co.	Chehalis	06/24/88	53 FR 23978	10/04/89	54 FR 41000			
* American Lake Gardens	Tacoma	09/08/83	48 FR 40674	09/21/84	49 FR 37070	F		
* Bangor Naval Submarine Base	Silverdale	07/14/89	54 FR 29820	08/30/90	55 FR 35502	F		
* Bangor Ordnance Disposal	Bremerton	10/15/84	49 FR 40320	07/22/87	52 FR 27620	F		
* Bonneville Power Adm Ross (USDOE)	Vancouver	07/14/89	54 FR 29820	11/21/89	54 FR 48184	F		
Boomsnub/Airco	Vancouver	01/18/94	59 FR 2568	04/25/95	60 FR 20330	S		

1. Date first eligible for Superfund action. First NPL proposed 12/83. Sites announced earlier in the Interim Priorities List (10/81) and Expanded Priorities List were included in the first proposed NPL.

2. A = Based on issuance of health advisory by Agency for Toxic Substances and Disease Registry (if scored, HRS score need not be >28.50).

F = Federal Facility, not eligible for Superfund-financed response.

S = State top priority (if scored, HRS score need not be >28.50).

3. Sites are officially deleted from the NPL after all appropriate Fund-financed response under CERCLA have been implemented and no further cleanup by responsible parties is appropriate.

* Denotes Federal Facility

Site Name	City/County	Date Proposed (1)	Federal Register Citation	Date Final	Federal Register Citation	Notes (2)	Date Deleted (3)	Federal Register Citation
Centralia Municipal Landfill	Centralia	06/24/88	53 FR 23978	08/30/90	55 FR 35502			
Colbert Landfill	Colbert	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
Com Bay, Near Shore/Tide Flats	Pierce County	10/23/81	47 FR 58476	09/08/83	48 FR 40658			
Com Bay, South Tacoma Channel	Tacoma	10/23/81	47 FR 58476	09/08/83	48 FR 40658			
Fairchild Air Force Base (4 Areas)	Spokane County	06/24/88	53 FR 23978	03/13/89	54 FR 10412 F			
FMC Corp. (Yakima Pit)	Yakima	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
Fort Lewis (Landfill No. 5)	Tacoma	10/15/84	49 FR 40320	07/22/87	52 FR 27620 F		05/22/95	60 FR 27041
Fort Lewis Logistics Center	Tillicum	07/14/89	54 FR 29820	11/21/89	54 FR 48184 F			
Frontier Hard Chrome, Inc.	Vancouver	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
General Electric (Spokane Shop)	Spokane	06/24/88	53 FR 23978	10/04/89	54 FR 41000			
Greenacres Landfill	Spokane County	09/08/83	48 FR 40674	09/21/84	49 FR 37070			
Hamilton Island Landfill (USA/COE)	Skamania County	07/29/91	56 FR 35840	10/14/92	57 FR 47180 F		05/25/95	60 FR 27696
Hanford 100-Area (USDOE)	Benton County	06/24/88	53 FR 23978	10/04/89	54 FR 41000 F			
Hanford 1100-Area (USDOE)	Benton County	06/24/88	53 FR 23978	10/04/89	54 FR 41000 F			
Hanford 200-Area (USDOE)	Benton County	06/24/88	53 FR 23978	10/04/89	54 FR 41000 F			
Hanford 300-Area (USDOE)	Benton County	06/24/88	53 FR 23978	10/04/89	54 FR 41000 F			
Harbor Island (Lead)	Seattle	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
Hidden Valley Lndfl (Thun Field)	Pierce County	06/10/86	51 FR 21099	03/31/89	54 FR 13296			
Jackson Park Housing Complex (USN)	Kitsap County	06/23/93	58 FR 34018	05/31/94	59 FR 27989 F			
Kaiser Aluminum Mead Works	Mead	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
Lakewood Site	Lakewood	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
McChord AFB (Wash Rack/Treatment)	Tacoma	10/15/84	49 FR 40320	07/22/87	52 FR 27620 F			
Mica Landfill	Mica	10/15/84	49 FR 40320	06/10/86	51 FR 21054			
Midway Landfill	Kent	10/15/84	49 FR 40320	06/10/86	51 FR 21054			
Moses Lake Wellfield Contamination	Grant County	07/29/91	56 FR 35840	10/14/92	57 FR 47180			
Naval Air Sta, Whid Is (Ault)	Whidbey Island	09/18/85	50 FR 37950	02/21/90	55 FR 6154 F			
Naval Air Sta, Whid Is (Seaplane)	Whidbey Island	09/18/85	50 FR 37950	02/21/90	55 FR 6154 F		09/21/95	60 FR 48902
Naval Undersea Warf Sta (4 Areas)	Keyport	06/10/86	51 FR 21099	10/04/89	54 FR 41000 F			
North Market Street (AKA TOSCO)	Spokane	06/24/88	53 FR 23978	08/30/90	55 FR 35502			
Northside Landfill	Spokane	10/15/84	49 FR 40320	06/10/86	51 FR 21054			
Northwest Transformer	Everson	10/15/84	49 FR 40320	06/10/86	51 FR 21054			
Northwest Transformer (S Harkness)	Everson	06/24/88	53 FR 23978	02/21/90	55 FR 6154			
Old Inland Pit	Spokane	06/10/86	51 FR 21099	02/21/90	55 FR 6154			
Old Navy Dump-Manchester(EPA/NOAA)	Manchester	01/18/94	59 FR 2568	05/31/94	59 FR 27989 F			
Pacific Car & Foundry Co.	Renton	06/24/88	53 FR 23978	02/21/90	55 FR 6154			
Pacific Sound Resources	Seattle	05/10/93	58 FR 27507	05/31/94	59 FR 27989			
Pasco Sanitary Landfill	Pasco	06/24/88	53 FR 23978	02/21/90	55 FR 6154			
Pesticide Lab (Yakima)	Yakima	12/30/82	47 FR 58476	09/08/83	48 FR 40658		09/01/93	58 FR 46087
Port Hadlock Detachment (USN)	Indian Island	06/23/93	58 FR 34018	05/31/94	59 FR 27989 F			
Puget Sound Naval Shipyard Complex	Bremerton	05/10/93	58 FR 25707	05/31/94	59 FR 27989 F			
Queen City Farms	Maple Valley	09/08/83	48 FR 40674	09/21/84	49 FR 37070			
Seattle Mun Lndfl (Kent Hghlnds)	Kent	06/24/88	53 FR 23978	08/30/90	55 FR 35502			
Silver Mountain Mine	Loomis	10/15/84	49 FR 40320	06/10/86	51 FR 21054			
Spokane Junkyard & Associated Prop	Spokane	10/14/92	57 FR 47204	05/31/94	59 FR 27989			
Toftdahl Drums	Brush Prairie	10/15/84	49 FR 40320	06/10/86	51 FR 21054		12/23/88	53 FR 51730
Tulalip Landfill	Snohomish County	07/29/91	56 FR 35840	04/25/95	60 FR 20330			
Vancouver Water Station #1 Cont.	Clark County	06/23/93	58 FR 34018	05/31/94	59 FR 27989			
Vancouver Water Station #4 Cont.	Clark County	07/29/91	56 FR 35840	10/14/92	57 FR 47180			
Western Processing Co., Inc.	Kent	07/23/82	47 FR 58476	09/08/83	48 FR 40658			
Wyckoff Co./Eagle Harbor	Bainbridge Island	09/18/85	50 FR 37950	07/22/87	52 FR 27620		08/23/94	59 FR 43291
Yakima Plating Co.	Yakima	06/24/88	53 FR 23978	03/31/89	54 FR 13296			

EPA Region 10: 3 Proposed & 79 Final & 8 Deleted
 Nationwide: 52 Proposed & 1,238 Final & 83 Deleted

1. Date first eligible for Superfund action. First NPL proposed 12/82. Sites announced earlier in the Interim Priorities List (10/81) and Expanded Priorities List were included in the first proposed NPL.
2. A = Based on issuance of health advisory by Agency for Toxic Substances and Disease Registry (if scored, HRS score need not be >28.50).
 F = Federal Facility, not eligible for Superfund-financed response.
 S = State top priority (if scored, HRS score need not be >28.50).
3. Sites are officially deleted from the NPL after all appropriate Fund-financed response under CERCLA have been implemented and no further cleanup by responsible parties is appropriate.

* Denotes Federal Facility

RUN DATE: 02/27/90 17:18:47
 CERCLIS DATA BASE DATE: 02/07/90
 CERCLIS DATA BASE TIME: 10:43:20
 VERSION 0.00

PROC VERSION ##
 0.00 EPA SUPERFUND PROGRAM
 ## C E R C L I S ##
 LISTING: SITE/EVENT LISTING

PA
 CERHELP DATA BASE 0A
 CERHELP DATA BASE 11

SELECTION: ## SPECIAL ##
 SEQUENCE: STATE, CNTY CODE, SITE NAME

EVENTS: ALL

SITE NAME		COUNTY CODE AND NAME		STATE	ZIP	UPRGL	EVENT	EVENT	ACTUAL START DATE	ACTUAL COMPLE DATE	PA
EPB-IND-DEL	UNASSOCIATED DEL	IND-DEL	UNASSOCIATED DEL	STATE	ZIP	UPRGL	EVENT	EVENT	DATE	DATE	PA
NA0900723900	TOFTDAHL DRUMS					00	NAI			09/30/80	S
NA3219020924	US ARMY HQ VANCOUVER BARRACKS HQ VANCOUVER BARRACKS 0-030 VANCOUVER WA 98001 011 CLARK			WA	98001	00	USI			01/11/95	FI
NA0900519700	VANCOUVER WATER STATION #1 CONTAMINATION E RESERVE C NE FOURTH PLAIN EL VANCOUVER WA 98001 011 CLARK			WA	98001	00	RSI USI NAI NFI NFI		12/12/93	12/12/93	EF EF EF EF EF
NA0900475100	VANCOUVER WATER STATION #4 CONTAMINATION 5TH + BLANFORD ST VANCOUVER WA 98006 011 CLARK			WA	98006	00	RSI USI NAI NFI NFI PAI CCI NAI		12/19/91	12/20/91	EF EF EF EF EF EF EF EF
NA0009041443	LUNOVICH FIBRE CO FIBRE WAY LUNOVICH WA 98032 010 LONLITZ			WA	98032	00	USI PAI PAL PAS		09/01/82	11/01/81	EF EF EF EF
NA0009041400	MEYERHAEUSER CO 3530 INDUSTRIAL WAY LUNOVICH WA 98032 010 LONLITZ			WA	98032	00	USI PAI SII SIZ SPI		07/01/79	07/01/79	EF EF EF EF EF
NA0991201074	PASCO SMITARY LAMPHILL KANELOUS RD & Hwy 12 PASCO WA 99301 021 FRANKLIN			WA	99301	00	RSI RSC USI PAI NAI NAI		12/02/92	12/02/92	EF EF EF EF EF EF

U.S. ENVIRONMENTAL PROTECTION AGENCY - REGION 10
 EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS)
 NOTE: INITIAL REPORT ONLY - UNVERIFIED DATA - LISTING REPORT
 Fiscal Year(s) 01/01/95 Thru 01/08/96

ERNS SEARCH RE: WA
 Run Date: 01/08/96

Reg Case	IRC #	Potentially Responsible Party	Spill Location	City	County	St	Material Spilled	Quantity	UN	Spill Date
39524	NONE		28401 COVERTOWN WAY SE	KENT	KING	WA	PCB OILS	1,500.00	G	03/24/95
91461	NONE		CAROLINE BEACH MARINA	OLYMPIA	THURSTON	WA	DIESEL FUEL : MARINE	0.00		/ /
92455	NONE					WA	DIESEL FUEL : MARINE	0.00		/ /
92460	NONE					WA	DIESEL FUEL : MARINE	0.00		/ /
92464	NONE		PUCET SOUND, NORTH END OF COLVOS PASSA	SOUTHWORTH	KITSAP	WA	OIL SHEEN	0.00		01/12/95
92465	NONE		228TH SE AND 72ND AVE ON INTERURBAN BI	KENT	KING	WA	OIL	0.00		01/12/95
92466	NONE		NEAR 22205 76TH AVENUE SOUTH	KENT	KING	WA	OIL SHEEN ON WATER	0.00		01/12/95
92467	NONE		2 1/4 MILES SE OF BREHERTON AIRPORT EA	BREMERTON	KITSAP	WA	55 GALS DRUMS	2.00	D	/ /
92468	NONE	PARMENTIER AND SHIPPING CONST	262 LAURNO ROAD	ETHAL	LEWIS	WA	WASTE OIL	0.00		/ /
92471	NONE		MILE 111 OF TRACK, KOOTENAY LAKE, US -	UNKNOWN		WA	ENGINE OIL	12,000.00	G	01/20/95
92472	NONE	CP RAIL	NEAR KOOTENAY LAKE	PASCO	FRANKLIN	WA	DIESEL	9,000.00	G	01/20/95
92474	NONE	IMCO GENERAL CONSTRUCTION	SNAKE RIVER AT ICE HARBOR DAM	OLYMPIA	THURSTON	WA	DIESEL	20.00	G	01/23/95
92475	NONE		MARVIN RD. EXIT FORM I-5 NORIT OF OLYM	OLYMPIA	PIERCE	WA	PAINT	21.00	D	01/24/95
92476	NONE		FT LEWIS	TACOMA	KING	WA	UNKNOWN MATERIAL	0.00		/ /
92479	NONE	TEXCO	HARBOR ISLAND 2555 13TH AVE SW	SEATTLE	KING	WA	LUBE OIL	1,000.00	G	01/30/95
92480	NONE		2003 PANG BARN	LINDEN	WATCOM	WA	DIESEL FUEL : MARINE	5.00	G	02/02/95
92481	NONE	BANDER MUSHROOMS				WA	UNKNOWN MATERIAL	0.00		02/02/95
92482	NONE					WA	CATAPULT LUBE OIL	2.00	G	02/03/95
92483	NONE					WA	OIL	2.00	G	02/04/95
92485	NONE					WA	OIL	0.00		02/05/95
92486	NONE	MASON CITY EMG. MIGHT	E STRONG RD, OFF PICKERING RD	SHELTON	MASON	WA	GASOLINE BLENDING STOCKS:ALK	1.00	O	02/06/95
92487	NONE					WA	OIL	2.00	O	02/07/95
92488	NONE					WA	OIL	0.00	O	02/08/95
92489	NONE					WA	GASOLINE	10.00	G	02/09/95
92490	NONE	IMCO GENERAL CONSTRUCTION				WA	OIL	0.00	U	02/11/95
92491	NONE	GIG HARBOR PONISULA SCHOOL	62ND AVENUE NW	GIG HARBOR	PIERCE	WA	DIESEL FUEL	0.00		02/15/95
92492	NONE		1411 RIDGE DRIVE	PORT TOWNSEN	JEFFERSON	WA	GASOLINE BLENDING STOCKS:ALK	150.00	G	02/15/95
92493	NONE					WA	DIESEL FUEL : MARINE	200.00	G	02/21/95
92494	NONE					WA	UNKNOWN MATERIAL	1.00	D	02/22/95
92495	NONE		EVERGREEN POINT ROAD	SEATTLE	KING	WA	GASOLINE BLENDING STOCKS:ALK	0.00		02/22/95
92496	NONE					WA	DIESEL FUEL : MARINE	0.00	G	02/23/95
92503	NONE		116TH AVE NE ON-RAMP TO S. 1-5	MARYSVILLE	SNOHOMISH	WA	OIL	2.00	G	/ /
92507	NONE	WESTFAIR APARTMENTS	30927 - 17TH AVENUE SW, APARTMENT A	FEDERAL WAY	KING	WA	PESTICIDE SPRAY	0.00	U	02/05/95
92508	NONE		SKI RESORT			WA	HIGH SULFUR DIESEL	0.00	U	03/03/95
92509	NONE		124 32.14 WEST	SEATTLE	KING	WA	DIESEL OIL	0.00	U	03/07/95
92511	NONE		9500 RAINIER AVE SOUTH	SEATTLE	KING	WA	ANTIFREEZE	0.00	O	03/07/95
92512	NONE					WA	SHOKE	0.00		03/07/95
92514	NONE	GRAYS HARBOR PUD	508 - 510 OCEAN BEACH HIGHWAY	HOQUIUM	GRAYS HARBO	WA	TRANSFER OIL	8.00	G	03/09/95
92515	NONE	GRAYS HARBOR PUD	HANCOCK AND FOREST STREETS	WEST PORT		WA	TRANSFER OIL	30.00	G	03/09/95
92516	NONE		SOUTH OF 164TH NEAR MILL CREEK			WA	SOLVENT	0.00	U	03/10/95
92517	NONE	COMINCO	BRITISH CLUMBI1A ENTERY US VIA COLUMBIS			WA	CADIUM	70.00		03/12/95
92519	NONE		UNKNOWN			WA	55 GAL POLY DRUM	0.00		/ /
92521	NONE			TOPENISH	YAKIMA	WA	WHITE GRANULAR MATERIAL	0.00		/ /
92522	NONE	EASTERN ELECTRIC	2800 BLOCK OF BEACH DRIVE SOUTH	AUBURN/KENT	KING	WA	OIL PRODUCTS	0.00	U	03/20/95
92525	NONE		ACROSS FROM 414 HANSEN ROAD	REDONDO BEAC		WA	UNKNOWN	0.00	U	03/24/95
92526	NONE		901 FAIRVIEW AVENUE	TURTLE	COULITZ	WA	RUNOFF FROM JUNKED VEHICLES	0.00		/ /
92529	NONE	CHANDLERS COVE RESTAURANT		SEATTLE	KING	WA	SEWAGE	0.00		04/01/95

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92531	NONE	M/V WESTERN NAVIGATOR	DRAYTON HARBOR	BLAINE	KING	WA	ESTIMATED DIESEL OIL	0.00	G	/
92532	NONE	TODD SHIPYARD	136 1/2 SW 152ND	SEATTLE	KING	WA	DIESEL	1,000.00	G	04/03/95
92533	NONE	RAPID ROTARY	WASHOUGAL RIVER ROAD	BURDEN	KING	WA	OIL	0.00	U	03/27/95
92534	NONE	JAMES BARTLET	601 WEST STEVENS, SPACE 6	SULTON		WA	UNKNOWN	0.00		04/04/95
92536	NONE	FRED HILL CEMENT CO.	TRF DELTA PIER, NAVAL SUMARINE BASE	BANGOR		WA	OIL	0.00	O	04/06/95
92537	NONE	BIG ED'S FLOOR AND MORE	3514 BLACK LAKE BOULEVARD	OLYMPIA	THURSTON	WA	ENGINE MOTOR OIL	1.00	O	03/09/95
92538	NONE	PUGET SOUND NAVAL SHIPYARD	PIER CHARLIE EAST			WA	CARPET	0.00	O	04/10/95
92541	NONE	M/V WESTERN NAVIGATOR	DRAYTON HARBOR			WA	UNKNOWN MATERIAL	0.00	U	/
92542	NONE	M/V LERA O	DOCK AT NW SEAFOODS	NEAH BAY		WA	DIESEL OIL	0.00	G	/
92543	NONE	LEE DRYWALL	3/4 MILE FROM INT HWY 2897	WENATCHEE		WA	DIESEL	0.00		/
92544	NONE	FREIGHTER	ELLIOT BAY	SEATTLE	CHELAN	WA	PLASTICS, SHEET-ROCK MATERIA	0.00		/
92545	NONE		112TH STREET & CANYON ROAD	SUMMIT	KING	WA	UNKNOWN	0.00		/
92546	NONE		NEAL CREEK, TRIBUTARY TO HOOD RIVER, U			WA	OIL & WATER MIX	0.00		/
92547	NONE		5909 17TH AVENUE SW	SEATTLE	KING	WA	DIESEL	0.00		/
92548	NONE		TURN ON PINE STREET, 4 HOUSES DOWN			WA	ANTIFREEZE	200.00	G	/
92549	NONE	QUINSAULT INDIAN RESERVATION	13909 94TH AVENUE SOUTH	PUYALLUP		WA	OIL	1.00	G	04/09/95
92551	NONE		405 30TH & 44TH	BANGOR	PIERCE	WA	UNKNOWN	0.00		/
92552	NONE		24322 22ND AVENUE SOUTH			WA	VINYL CHLORIDE	18.00	P	/
92556	NONE	PORT OF SEATTLE	17550 NE 67TH COURT, PIPE OF NORTH SID	DESMOINES	KING	WA	DIESEL	40.00	G	/
92558	NONE	PACIFIC CIRCUITS	HIGHWAY 109 & 2ND AVENUE	REDMOND	KING	WA	OILY SUBSTANCE ON PLANTS	0.00		/
92559	NONE	AUTOS UNLIMITED	4124 EAST MAIN	OCEAN CITY		WA	UNKNOWN	0.00		/
92560	NONE	NORTH COAST ELECTRIC	2055 RICH BEACH DRIVE	SPOKANE		WA	OIL	0.00	U	/
92561	NONE	CHEVRON VS PRODUCTS		SEATTLE	KING	WA	SULFURIC ACID	150.00	G	/
92563	NONE					WA	UNKNOWN	0.00		/
92564	NONE					WA	FOUR BARRELS	4.00	B	/
92566	NONE	RONALD KELLER	871 99TH STREET SOUTH	PARKLAND	PIERCE	WA	OIL	55.00	G	/
92567	NONE		RT 395 - LEFT ON GREENWOOD LOOP - 1 BL	KETTLE FALLS	STEVENS	WA	YELLOW & RED 55 GALLON DRUM	1.00	D	/
92568	NONE	DELTA MAINE	CLARK CREEK	SEATTLE	KING	WA	OIL	500.00	G	/
92569	NONE		76TH AND 212TH	KENT	PIERCE	WA	OIL	0.00		/
92571	NONE		TRAIL B.C. CANADA		KING	WA	OIL	0.00		/
92572	NONE	COMINCO MINE	HANGAR 101	KLALOCK		WA	BLACK MATERIAL IN WATER	0.00		05/19/95
92573	NONE	GRAYS HARBOR PUD	COLUMBIA RIVER			WA	HYDRAULIC OIL	0.00		05/22/95
92574	NONE	TIDEWATER BANGS	INTERSECTION OF MCDONALD AND EAST TRAC			WA	GASOLINE BLENDING STOCKS:ALK	15.00	G	03/10/95
92575	NONE	YAKIMA COUNTY	3901 UNIC ROAD	YAKIMA	YAKIMA	WA	LIGNITE	0.00		/
92576	NONE		S/R LONGBEACH VESSEL	FRENDLE	WHATCOM	WA	SULFUR DIOXIDE	3,000.00	G	05/25/95
92583	NONE		MT RANIER BATHING PARK, LAKE POINT DRI	CATHLAMET	WAHIAKUM	WA	UNKNOWN	0.00		05/28/95
92584	NONE		33307 SE 43RD	SEATTLE	KING	WA	UNKNOWN	0.00		02/05/95
92585	NONE		232 120TH ST SE	FALLS CITY	SNOWHOMISH	WA	SEWAGE	0.00		06/07/95
92587	294639			EVERETT	SNOWHOMISH	WA	DIESEL	0.00		/
92588	294777	WILKINS DISTRIBUTING	1-5 AND 1-90 MIDDLE LANE FOR 5 MILES	POT ORCHARD	KITSAP	WA	DIESEL	14.00	G	06/07/95
92589	NONE		KINGS COVE			WA	UNKNOWN MATERIAL, BROWN COLO	100.00	G	06/08/95
92590	294800	TOSCO NW	3901 UNICK ROAD	FERNDLE	WHATCOM	WA	HYDRAULIC FLUID OR OIL	0.00		06/08/95
92592	NONE	OLYMPIA BREWING CO.	OLYMPIS BREWERY CAPITAL WAY	TUMWATER	THURSTON	WA	SULFUR DIOXIDE	10.00	G	06/09/95
92593	NONE		30143 52TH LANE SOUTH	AUBURN	KING	WA	OIL	10.00	P	06/10/95
92594	NONE		1102 SE MASSACHUSETTIES	SEATTLE	KING	WA	UNKNOWN OIL	0.00		06/10/95
92595	295157		300 N ENNIS ST	PORT ANGELES	CLALLAM	WA	OIL SHEEN	0.00		06/11/95
92597	NONE	RAYONIER INC				WA	SULFUR DIOXIDE	2.00	P	06/12/95

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92598	NONE		LAKESIDE INDUSTRIES PROPERTY NEAR 1924	CENTRAILIA		WA	MURATIC ACID	7.00	D	/ /
92600	NONE		1160E NORA STREET	SPOKANE	SPOKANE	WA	UNKNOWN MATERIAL	0.00		/ /
92606	NONE		NEAR 106HT SW AND SEOLA BEACH IN WEST	SEATTLE	KING	WA	55 GAL DRUM	0.00		/ /
92609	NONE		21400 SE 304TH	KENT	KING	WA	DIESEL	5.00	G	07/06/95
92611	NONE	FORC INC	BULK PLANT	TOPPENISH	YAKIMA	WA	DIESEL	100.00	G	07/06/95
92612	NONE	RE POWELL DISTRIBUTIONS	20407 32ND PL SOUTH, BRENTWOOD APT #A	SEATTLE	KING	WA	HAZ. SUB	0.00		/ /
92613	NONE	SCOTT PAPER		EVERETT	SNOWHOMISH	WA	UNKNOWN ODORS	0.00		/ /
92614	NONE	PUGET SOUND NAVAL SHIPYARD				WA	DIESEL FUEL : MARINE	1.00	G	07/10/95
92615	NONE		SKYKOMISH, ACROSS RR TRACKS TO THE RIG	UNKNOWN		WA	55 GAL DRUMS	0.00		/ /
92617	NONE		1400 FARRAGUT AVE, SINCLAIR INLET	BREHERTON	KITSAP	WA	DIESEL FUEL : MARINE	1.00	G	07/12/95
92618	NONE			GRAHAM	PEIRCE	WA	DIESEL	0.00		07/18/95
92619	NONE		19016 244TH AVE NE / A TRUCKING BUSINE	UNKNOWN		WA	SCRIPTO SPORIDIUM	0.00		07/18/95
92620	NONE		MERIDIAN SOUTH	PUYALLUP	PIERCE	WA	DIESEL	0.00		07/20/95
92622	NONE		EAST 230TH	GRAHAM	PIERCE	WA	55 GAL DRUMS	0.00		/ /
92623	NONE		CORNER OF 166TH AVE SE ABD 136TH AVE S	RENTON	PIERCE	WA	OIL	1,000.00	G	/ /
92625	NONE		115 NORTH 9TH	SUNNYSIDE	KING	WA	FIBER GLASS, RESINS, OTH MAT	0.00		07/26/95
92627	NONE	BB HAY	1500 FT SOUTH OF -520 BRIDGE BELLEVUE	REDMOND	YAKIMA	WA	DIESEL	50.00	G	08/04/95
92628	NONE	WATERFRONT CONSTRUCTION		EDMONDS	KING	WA	DIESEL	25.00	G	08/07/95
92629	NONE	US ARMY		FT LEWIS	PIERCE	WA	JET FUEL	1.00	G	08/07/95
92630	NONE	MORGAN DRIVE A-WAY	NE 8TH AND 242TH AVE NE, INGLEWOOD HIG	REDMOND	KING	WA	DIESEL FUEL : MARINE	25.00	G	08/07/95
92631	NONE	MEVOE INDUSTRIES	WILLIAMS RD	REDMOND	KING	WA	DIESEL FUEL	0.00		08/07/95
92632	NONE		8503 BOWDWIN WAY #202	EDMONDS	SNOWHOMISH	WA	UNKNOWN MATERIAL	0.00		08/14/95
92633	NONE	VLC FRANKS BOAT YARD	ALONG N. NORTHLAKE WAY	SEATTLE	KING	WA	PAINT, LATEX	0.00		/ /
92634	NONE					WA	DIESEL	0.00		08/15/95
9275056	275056	USN-NAVAL STA EVERETT	SAND POINT NAVSTA 7500 SAND PT WAY	SEATTLE	KING	WA	OIL AND WATER MIXTURE	1.00	O	/ /
9275176	275176	DEP OF ENERGY	BONNEVILLE POWER TACOMA SUBSTATION 370	TACOMA	KING	WA	JET FUEL: JP-5 (KEROSENE, HE	5.00	G	01/03/95
9275209	275209	BOEING COMM AIRPLANE	3003 W. CASINO RD	EVERETT	PIERCE	WA	POLYCHLORINATED BIPHENYLS	3.00	G	01/04/95
9275433	275433	GENERAL CHEM CORP	2611 W. 26TH ST EXT.	VANCOUVER	SNOWHOMISH	WA	WASTE WATER	15,000.00	G	01/04/95
9275586	275586		240TH SOUTH	DES MOINES	CLARK	WA	SULFURIC ACID	190.00	G	01/06/95
9275705	275705	PORT OF OLYMPIA	915 N WASHINGTON ST	OLYMPIA	KING	WA	GASOLINE: AUTOMOTIVE (UNLEAD	0.00	U	01/08/95
9276040	276040		304 NORTH 17TH	MOUNT VERNON	THURSTON	WA	HYDRAULIC OIL	100.00	G	01/09/95
9276290	276290	USN - PUGET SOUND NSY	USN SHIP YARD	BREHERTON	SKAGIT	WA	UNKNOWN MATERIAL	0.00	U	01/11/95
9276299	276299	GIFFORD PINCHOT NATL		VANCOUVER	KITSAP	WA	JET FUEL: JP-5 (KEROSENE, HE	1.00	G	01/13/95
9276697	276697	USA-FORT LEWIS		FORT LEWIS	PIERCE	WA	OIL: DIESEL	10.00	G	01/13/95
9276759	276759	TEXACO REFINING	2555 13TH AVE SW	SEATTLE	KING	WA	OIL: DIESEL	50.00	G	01/17/95
9276763	276763	USN - SUB BASE BANGOR	SUB BASE BANGOR	BANGOR	KITSAP	WA	HYDRAULIC OIL	3,300.00	G	01/18/95
9277306	277306	CAMMARANO BROS.	2324 CENTER ST	TACOMA	PIERCE	WA	OIL, MISC: MOTOR	1.00	q	01/18/95
9277515	277515	ICF-KH	NE OF LAKE UNION	SEATTLE	KING	WA	OIL, FUEL: NO. 2 (200 GALLO	0.00	U	01/23/95
9277540	277540	WESTINGHOUSE HANFORD	CORNER OF STEVENS DR AND HORN RAPIDS R	SEATTLE	KING	WA	UNKNOWN OIL	0.00	U	01/25/95
9277666	277666	AMERICAN TRANSPORT	200 WEST AREA ON THE WEST HANFORD SIGH	RICHLAND	BENTON	WA	ETHYLENE GLYCOL	1.00	P	01/26/95
9277903	277903		INT OF 14TH AND CONCORD AVE	SEATTLE	KING	WA	ETHYLENE GLYCOL	2.00	P	01/26/95
9278004	278004		220 SOUTHWEST AND 38 WEST	MOUNTLAKE TE	KING	WA	GASOLINE: AUTOMOTIVE (UNLEAD	45.00	G	01/28/95
9278194	278194	BONNEVILLE POWER ADMIN	2100 ARCADIA DR COSMOPOLIS SUBSTATION	COSMOPOLIS	SNOWHOMISH	WA	UNKNOWN OIL	0.00	U	01/30/95
9278372	278372	WEYERHUSEN	POB 188	LONGVIEW	GRAY'S HARBO	WA	POLYCHLORINATED BIPHENYLS(OV	2.00	G	01/31/95
9278378	278378	WESTINGHOUSE- HANFORD	A TANK FARM/COURTYARD	HANFORD	COULITZ	WA	CHLORINE DIOXIDE	2.00	P	02/01/95
9279148	279148		RT 2 BOX 355	DAYTON	BENTON	WA	ETHYLENE GLYCOL	7.00	P	02/01/95
9279290	279290	WESTINGHOUSE- HANFORD	1226 3000 AREA	RICHLAND	COLUMBIA	WA	UNKNOWN OIL	0.00	U	02/08/95
						WA	ETHYLENE GLYCOL (50% WATER S	4.00	P	02/09/95

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95279379	279379	IMCO GENERAL CONSTRUCTION	RTE 6 BOX 693.5	PASCO	WALLA WALLA	WA	CONDENSATE	15.00	B	02/10/95
95279395	279395	E P JOHNSON	200 WEST ACCESS RD 1 MILE FM GUARD HOU	RICHLAND	BENTON	WA	ETHYLENE GLYCOL	2.00	P	02/10/95
95279690	279690	TIPPETT MARINE HYDRAULICS	EAST END TIPPETT DOCK 2155 N NORTHLAKE	SEATTLE	KING	WA	HYDRAULIC OIL	5.00	G	02/13/95
95279814	279814	WERNER ENTER	8610 SOUTH 212 STREET	KENT	KING	WA	OIL: DIESEL	200.00	G	02/14/95
95280001	280001	WASH ARMY NATIONAL GUARD	MOTORPOLL ADJACENT TO BLDG403	VANCOUVER	CLARK	WA	OIL, MISC: LUBRICATING	2.00	C	02/15/95
95280163	280163	VIOX CORP	6701 6TH AVE S	SEATTLE	KING	WA	LEAD COMPOUND	4.00	P	02/13/95
95280347	280347	KALAMA CHEMICAL	1296 NW 3RD ST	KALAMA	COWITZ	WA	TOLUENE	10,000.00	P	02/18/95
95280448	280448			VANCOUVER	CLARK	WA	UNKNOWN OIL	0.00	U	02/19/95
95280517	280517	WEYERHAEUSER CO	3405 INDUSTRIAL WAY	LONGVIEW	COWITZ	WA	CHLORINE	10.00	P	02/20/95
95281112	281112	WEYERHAEUSER	1701 1ST ST	COSMOPOLIS	GRAYS HARBO	WA	CAUSTIC SODA//IN WASTE WATER	500.00	P	02/17/95
95281415	281415	SMITH'S HOME FURNISHINGS	7624 NORTH FORK SE	SNOQUALMIE	KING	WA	OIL: DIESEL	20.00	G	02/25/95
95281473	281473	JAMES RIVER CORP	NE 4TH AND ADAMS STREET	CAMAS	CLARK	WA	NITROGEN DIOXIDE	16.00	P	02/27/95
95281484	281484	GREEN BANK SAND AND GRVL	2255 HWY 525	COUPEVILLE	ISLAND	WA	ETHYLENE GLYCOL	0.00	U	02/22/95
95281740	281740	FIE TRANSPORTATION	500 ALEXANDER ST	TACOMA	PIERCE	WA	OIL: DIESEL	80.00	G	03/02/95
95282222	282222	USA-FORT LEWIS	ICORPS ATTEN: AFZH-DEQ	FORT LEWIS	PIERCE	WA	WASTE OIL	30.00	G	03/06/95
95282225	282225	NORTHWEST PIPELINE	MILE MARKER 1273 STE RD 504	CASTLE ROCK	COWITZ	WA	NATURAL GAS	0.00	U	03/06/95
95282314	282314	DARIGOLD INC	611 FRONT ST N	ISSAQUAH	KING	WA	AMMONIA, ANHYDROUS	300.00	P	03/06/95
95282422	282422	RAINY RIVER FOREST PROD.	4302 CHAMBERS CREEK RD	SHELACOM	PIERCE	WA	CHLORINE	10.00	P	03/08/95
95282742	282742	WEYERHAEUSER COMPANY	SHELTON HARBOR	SHELTON	HASON	WA	GASOLINE: AUTOMOTIVE (4.23G	2.00	O	03/10/95
95282926	282926		NEAR SLIDE CREEK	CHEHALIS	LEWIS	WA	HYDRAULIC OIL	0.00	U	03/12/95
95283132	283132		1-90 WESTBOUND AT VANTAGE BRIDGE MILE	VANTAGE	GRANT	WA	OIL, FUEL: NO. 2-D	0.00	U	03/14/95
95283659	283659	SCOTT PAPER	126TH WAY NE	KIRKLAND	KING	WA	ETHYLENE GLYCOL	0.00	U	03/16/95
95283766	283766		2600 FEDERAL AVE	EVERETT	SNOHOMISH	WA	SODIUM BISULFITE	525.00	G	03/18/95
95283774	283774		CUSHMAN DAM OUTFALL		MASON	WA	UNKNOWN OIL	0.00	U	03/17/95
95283856	283856	KALAMA CHEMICAL	1296 3RD ST NW	KALAMA	COWITZ	WA	BIPHENYL	27.00	P	03/20/95
95284071	284071	CURLEW GAS STATION	322 RIVER ST	CURLEW	FERRY	WA	GASOLINE: AUTOMOTIVE (UNLEAD	100.00	G	03/21/95
95284073	284073		CANADIAN SEWAGE PLANT TRAILS, BRITISH	ORIENT	FERRY	WA	RAW SEWAGE	0.00	U	03/21/95
95284074	284074	ARROW TRANSPORTATION	PUGET SOUND FLOATING BRIDGE OFF OF INT	SEATTLE	KING	WA	UNKNOWN OIL	0.00	U	03/20/95
95284144	284144	ARMY CORP OF ENGINEERS	WEST OF 1-5 FRUIT VALLEY RD MILEPOST 3	VANCOUVER	CLARK	WA	SULFURIC ACID	3,000.00	G	03/22/95
95284260	284260	WASTE MANAGEMENT	INTAKE DECK BULKHEAD SLOT 17-2	THE DALLES	Klickitat	WA	HYDRAULIC OIL	5.00	G	03/22/95
95284513	284513	BURLINGTON NORTHERN R/R	1611 SOUTH WASHINGTON ST	KENNEWICK	BENTON	WA	WASTE OIL/LUBRICANTS - POSS.	40.00	G	03/22/95
95284676	284676	USA-FORT LEWIS	BETWEEN NAPAVINE AND VADER	VADER	LEWIS	WA	OIL, FUEL: NO. 2-D	0.00	U	03/24/95
95285030	285030	ITT-RANIER	BLDG 2055	FORT LEWIS	PIERCE	WA	OIL, FUEL: NO. 2-D	20.00	G	03/27/95
95285941	285941	HOLBROOK LOGGING & SORT	ENIS CREEK	PORT ANGELES	CLALLAM	WA	UNKNOWN MATERIAL	0.00	U	03/30/95
95286105	286105		925 N WASHINGTON	OLYMPIA	THURSTON	WA	HYDRAULIC OIL	20.00	G	04/06/95
95286505	286505	KALAMA CHEMICAL	6401 MERIDIAN ST	BELLINGHAM	WHATCOM	WA	NATURAL GAS	0.00	U	04/07/95
95286800	286800	ARCO PRODUCTS CO.	1296 3RD ST NW	KALAMA	COWITZ	WA	BENZENE	2.00	G	04/10/95
95286851	286851	WESTINGHOUSE HANFORD	ARCO-CHERRY POINT REFINER 4519 GRANDVI	BLATINE	WHATCOM	WA	JET FUEL: JP-5 (KEROSENE, HE	50.00	G	04/12/95
95286914	286914	KALAMA CHEMICAL	PARKING LOT AT NO. 1171 (BUS PARKING L	RICHLAND	BENTON	WA	ETHYLENE GLYCOL	4.00	P	04/12/95
95287375	287375	WESTINGHOUSE HANFORD	1296 3RD ST NW	KALAMA	COWITZ	WA	BENZENE	10.00	G	04/12/95
95287381	287381		284 POWER HOUSE HANFORD SITE	RICHLAND	BENTON	WA	ETHYLENE GLYCOL	8.00	P	04/17/95
95287407	287407	BOISE CASCADE CORP	5 MILES EAST OF COLFAX	COLFAX	WHITMAN	WA	FERTILIZER (AQUA AMMONIA AND	2,000.00	G	04/17/95
95287552	287552	USA-FORT LEWIS	HWY 395	WALLULA	PIERCE	WA	SULFURIC ACID	2,000.00	G	04/18/95
95287881	287881	LIGHT DEPT	GRID COORDINATES 335097	FORT LEWIS	PIERCE	WA	JET FUEL: JP-8	25.00	G	04/18/95
95288132	288132	RAYONIER INC	20000 COOK RD	YELM	THURSTON	WA	HYDRAULIC OIL	5.00	G	04/20/95
95288433	288433		700 NORTH ENNIS ST	PORT ANGELES	CLALLAM	WA	SULFUR DIOXIDE	4.00	P	04/21/95
			336 ADMIRAL WAY G DOCK	EDMONDS	SNOHOMISH	WA	UNKNOWN OIL	0.00	U	04/24/95

- to UN (units): B=barrels; D=drums; G=gallons; P=pounds; O=others; U=unknown; T=tons

U.S. ENVIRONMENTAL PROTECTION AGENCY - REGION 10
EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS)
NOTE: INITIAL REPORT ONLY - UNVERIFIED DATA - LISTING REPORT
Fiscal Year(s) 01/01/95 Thru 01/08/96

ERNS SEARCH RE: WA
Run Date: 01/08/96

Reg Case	HRC #	Potentially Responsible Party	Spill Location	City	County	St	Material Spilled	Quantity	UN	Spill Date
95289140	289140	BATTELLE	LAKE UNION AND LAKE WASHINGTON	SEATTLE	KING	WA	UNKNOWN OIL	0.00	U	04/28/95
95289205	289205	JAMES RIVER CO	ON DOE HANFORD SITE AIR-LAND ECOL RESE	RICHLAND	BENTON	WA	ETHYLENE GLYCOL	5.00	G	04/28/95
95289294	289294	UNION PACIFIC RAILROAD	NE 4 TH AND ADAMS	CAMAS	CLARK	WA	GREEN LIQUOR	100.00	G	04/29/95
95289578	289578	WASHINGTON DEP OF TRANS	MILEPOST 246	WALKER	WALLA WALLA	WA	SODIUM HYDROXIDE	0.00	U	05/02/95
95289840	289840	RAINIER ITT	STATE RT 410 AT CAYUSE PASS	ENUNCLAW	PIERCE	WA	HYDRAULIC OIL	2.00	G	05/02/95
95289958	289958	ROBERT SALVAGE	ENIS CIRCLE	PORT ANGELES	CLALLAM	WA	SMOKE	0.00	U	05/04/95
95290005	290005	USN-SUB BASE BANGOR	RTE 532 1.5 MILES WEST OF STANHOOD	STANHOOD	ISLAND	WA	GASOLINE: AUTOMOTIVE (UNLEAD	0.00	U	04/15/95
95290165	290165	US ARMY CORP OF ENG	BLDG 7052 TRF SUB BASE BANGOR J	POULSB	KITSAP	WA	CALCIUM METAL REAGENT	2.00	O	05/05/95
95290848	290848	BELLINGHAM COLD STORAGE	MUDD MOUNTAIN DAM	ENUNCLAW	PIERCE	WA	HYDRAULIC OIL	25.00	G	05/10/95
95291589	291589	CENTRALIA CITY LIGHT	2825-ROEDER AVE	BELLINGHAM	WHATCOM	WA	AMMONIA, ANHYDROUS	10.00	P	05/15/95
95291804	291804	JENSEN & GRAVEL CO	20000 COOK RD	YELM	THURSTON	WA	HYDRAULIC OIL	5.00	G	05/16/95
95291889	291889	UNION PACIFIC RAILROAD	PORT LUDLOW MARINA FUEL DOCK	PORT LUDLOW	JEFFERSON	WA	UNKNOWN OIL	0.00	U	05/17/95
95292061	292061	NORTHERN VICTOR	548 DIXON ST	ENUNCLAW	KING	WA	UNKNOWN OIL	300.00	G	05/19/95
95292257	292257	BONNEVILLE POWER ADMIN	2431 EAST MARGINAL WAY S PIER 30	FIFE	PIERCE	WA	OIL: DIESEL	0.00	U	05/18/95
95292655	292655	SCOTT PAPER	PIER 91	SEATTLE	KING	WA	UNKNOWN MATERIAL	0.00	U	05/23/95
95293873	293873	JAMES RIVER CO	WALLA WALLA SUBSTATION	SEATTLE	KING	WA	OIL, FUEL: NO. 2	40.00	G	06/01/95
95294272	294272	WILKINS DISTRIBUTING	2600 FEDERAL AVE	WALLA WALLA	WALLA WALLA	WA	POLYCHLORINATED BIPHENYLS	11.00	P	06/04/95
95294290	294290	RAYONIER INC	NORTH EAST 4TH ADAMS ST	EVERETT	SKANAWIA	WA	SULFUR DIOXIDE	1.00	G	06/05/95
95294564	294564	PACIFIC POWER	BREWSTER LAKE	CAMAS	CLARK	WA	OIL, FUEL: NO. 2-D	20.00	G	06/06/95
95294587	294587	RAYONIER INC	134 BAY ST WEST	PORT ORCHARD	KING	WA	UNKNOWN OIL	0.00	U	06/07/95
95294777	294777	ARCO PRODUCTS CO.	4112 236 ST SOUTH WEST APT 0-306	MOUNTLAKE TE	KITSAP	WA	OIL, FUEL: NO. 2-D	100.00	G	06/08/95
95294925	294925	UNKNOW	300 N ENNIS ST	PORT ANGELES	SNOWHISH	WA	OIL, MISC: MOTOR	0.00	U	06/09/95
95295649	295649	PORT OF EDMONDS	UFS 90 SWIFT 1 DAM	COUGAR	CLALLAM	WA	SULFUR DIOXIDE	2.00	P	06/15/95
95296133	296133	WYERHAUSER	18404 SE 264TH PLACE	KENT	SKANAWIA	WA	OIL, MISC: MINERAL	1.00	G	06/18/95
95296766	296766	JOHNSON CONTROL	675 SPRING STREET	FRIDAY HARBO	KING	WA	NATURAL GAS	0.00	U	06/23/95
95297100	297100	GENERAL TRANSPORT CO	CHERRY POINT REF. 4519 GRANDVIEW RD	BLAINE	SAN JUAN	WA	UNKNOWN MATERIAL	0.00	U	06/25/95
95297112	297112	WYERHAUSER	3716 MAIN ST	OLYMPIA	WHATCOM	WA	HYDROGEN SULFIDE	10.00	U	06/26/95
95297505	297505	AMERICOLD CORP.	5240 TROSPER ST SW	UNION GAP	YAKIMA	WA	EPTAM 7-E(SELECTIVE HERBICID	1.00	G	06/28/95
95297936	297936	PORT OF EDMONDS	5805 INDUSTRIAL WAY	PASCO	THURSTON	WA	POLYCHLORINATED BIPHENYLS	1.00	G	06/30/95
95298030	298030	RAYONIER INC	300 N ENNIS ST	PORT ANGELES	FRANKLIN	WA	AMMONIA, ANHYDROUS	0.00	U	07/01/95
95298039	298039	WYERHAUSER	336 ADMIRAL WAY	EDMONDS	CLALLAM	WA	SULFUR DIOXIDE	4.00	P	07/01/95
95298847	298847	JOHNSON CONTROL	1400 FARRAGUT AVE	BREMERSON	SNOWHISH	WA	OIL: DIESEL	1.00	G	07/07/95
95299543	299543	GENERAL TRANSPORT CO	420 STATE ST	SEDRO-WOOLLE	KITSAP	WA	UNKNOWN OIL SHEEN	0.00	U	07/12/95
95300152	300152	WYERHAUSER	3401 INDUSTRIAL WAY	LONGVIEW	SKAGIT	WA	PAINT	0.00	U	07/14/95
95300782	300782	RAYONIER INC	1100 HUNLEY RD SERVICE PIER	SILVERDALE	COMLITZ	WA	CHLORINE	10.00	P	07/21/95
95301157	301157	WYERHAUSER INC	172ND ST AND 140TH AVE SE ARCO AM/PM	RENTON	KING	WA	ETHYLENE GLYCOL	2.00	G	07/24/95
95302006	302006	RAYONIER INC	NE QUARTER OF SECT 3 STILLMAN CRICK 55	PEELL	LEWIS	WA	OIL: DIESEL	10.00	G	07/29/95
95302150	302150	RAYONIER INC	700 NORTH ENNIS	PORT ANGELES	CLALLAM	WA	HYDRAULIC OIL	35.00	G	07/31/95
95302725	302725	KALAMA CHEMICAL	SAGEHOOR STREET AND TAYLOR FLAT RD	PASCO	CLALLAM	WA	SULFUR DIOXIDE	5.00	P	08/04/95
95302738	302738	KALAMA CHEMICAL	1296 3RD ST NW	KALAMA	FRANKLIN	WA	OIL, FUEL: NO. 2-D	50.00	P	08/04/95
95302746	302746	KALAMA CHEMICAL	1296 3RD ST NW	KALAMA	COMLITZ	WA	TOLUENE	2,000.00	P	08/04/95
95302865	302865	PIERCE COUNTY	4400 304TH STREET OVER MUCK CREEK	PUYALLUP	COMLITZ	WA	TOLUENE	190.00	G	08/06/95
95302931	302931	USA-FORT LEWIS	4225 87TH AVE NE WEST SIDE OF ROAD/ACR	EVERETT	PIERCE	WA	CREOSOTE, WOOD	0.00	U	08/06/95
95302935	302935	USA-FORT LEWIS	FORT LEWIS BLDG 3640	EVERETT	SNOWHISH	WA	OIL, MISC: TRANSFORMER	0.00	U	08/06/95
95303075	303075	MARIANAS APARTMENTS	504 SOUTH 1ST STREET ALLEY BEHIND 1ST	MT VERNON	PIERCE	WA	JET FUEL: JP-8	5.00	G	08/07/95
95303201	303201	NONE	11904 RENTON AVENUE S., #204	SEATTLE	SKAGIT	WA	BLUE PAINT FOR OUTSIDE OF BU	0.00	U	08/08/95
992520	NONE				KING	WA	ASBESTOS	0.00	U	/ /

Keys to UN (units): B=barrels; D=drums; G=gallons; P=pounds; O=others; U=unknown; T=tons

EPA REGION 10 FOIA REPORT - 02/23/90

DOUGLAS COUNTY, WA - ALL NOTIFIERS
LISTED BY HANDLER NAME AND
NUMBER OF RECORDS: 44

PAGE 2

UNIT: 11 - ALL NOTIFICATIONS
FACILITY NAME AND

UNIT	FACILITY NAME	LOCATION ADDRESS	CITY	ZIP	COUNTY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	121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02/20/90

DOUGLAS COUNTY, WA - ALL NOTIFIERS
SORTED BY HANDLER NAME AND

EPA ID NUM	FACILITY NAME	LOCATION ADDRESS	CITY	ZIP	COUNTY	G	K	T
WAD 00004 0452	WESTERN FARM SVC INC MANSFIELD	AIRPT RD & RAILRD AVE	MANSFIELD	98030	DOUGLAS	3		
WAD 90047 1975	WESTERN FARM SVC INC WATENVILL	N COUNTY & AIRPORT RDS BLDG	WATERVILLE	98856	DOUGLAS	3		
WAD 98050 0765	WSDA BRIDGEPORT 1	129N R25E S22	BRIDGEPORT	98013	DOUGLAS	N		
WAD 98050 0615	WSDA CHELAN 8	002 DANIELS DR	EAST WENATCHEE	99802	DOUGLAS	N		
WAK 00000 5124	WSDA DOUGLAS 1	126N R21E S3	ORONDO	98843	DOUGLAS	1		
WAD 98052 0029	WSDA N WENATCHEE 1	4380 NW CASCADE AVE	EAST WENATCHEE	98802	DOUGLAS	N		
WAD 98050 1680	WSDA SMITH TRACT ORCHARDS	6 MI N INT Hwy 2 & 20	ORONDO	98843	DOUGLAS	N		

*** NOTE: THE FOLLOWING ACTIVITY CODES FROM THE EPA NOTIFICATION FORM SUBMITTED BY THE FACILITY

GEN CODES ==> 1 - LARGE QTY GENERATOR / 2 - SMALL QTY GENERATOR / 3 - CONDITIONALLY EXEMPT

TRAN CODES ==> C - COMMERCIAL TRANSPORTER / S - SELF TRANSPORTER / X - TRANSPORTER, STATUS UNKNOWN

HAZ WASTE DBL ==> B - BIF ONLY / D - BIF, SMELT. DEFER / E - BIF, SM QTY EXEMPT / N - NON-REG DBL / X - OT

USED OIL RECY ==> X - USED OIL RECYCLER / N - NOT A UD RECYCLER, VERIFIED

NON-REG CODES ==> G - NON-REG GENERATOR / T - NON-REG TRANSPORTER / S - NON-REG TSD / B - NON-REG BURNER-B

4760	09/13/89	DOUGLAS COUNTY PUD	109 13TH & FAIRVIEW BRIDGEPORT	98813	REPORTED CLEANED UP	06/01/95	DOUGLAS C	DOUGLAS
6690	03/27/91	CHIEF JOSEPH DAM	PEARL HILL RD BRIDGEPORT	988131120	UNKNOWN	06/01/95	DOUGLAS C	DOUGLAS
✓8029	05/07/92	DOUGLAS COUNTY SHOP	110 3RD STREET NORTH EAST	EAST WENATCHEE	988024801	UNKNOWN	06/01/95	DOUGLAS C DOUGLAS
✓10969	01/06/93	CITY OF EAST WENATCHEE	271 9TH ST NE	EAST WENATCHEE	988024438	DOUGLAS C	DOUGLAS	DOUGLAS
5319	01/01/81	WARD A GLESSNER	131 WALNUT ST MANSFIELD	98830	UNKNOWN	06/01/95	DOUGLAS C	DOUGLAS
5646	07/14/95	AUVIL FRUIT CO INC RANCH #1	HC 78 BOX 42	ORONDO	98843	CLEANUP STARTED	09/14/95	DOUGLAS C DOUGLAS
11855	03/26/93	CASCADE FOOTHILLS FRUIT & LAND CO	STATE ROUTE 151 MILE POST 17	ORONDO	UNKNOWN	06/01/95	DOUGLAS C	DOUGLAS
12253	09/30/94	WATERVILLE MAINTENANCE SITE	SR 2, MP 149.2	WATERVILLE	CLEANUP STARTED	09/30/94	SOIL DOUGLAS C	DOUGLAS

73	GRANT ROAD ORCHARD/CLOSED 3555 GRANT ROAD	EAST WENATCHEE	98801	5096627164 DOUGLAS 2	12/31/64 00:00:00	Removed	Steel-Unprotected 1
7452	DOUGLAS CO FIRE DIST #2 1100 VALLEYMALL PKWY	EAST WENATCHEE	98801	5098846671 DOUGLAS 2	12/31/64 00:00:00	Removed	111 to 1,100 Gallons Steel-Unprotected 1
12370	EAST WENATCHEE CENTRAL OFFICE (4810-B0)	EASTMONT ST	EAST WENATCHEE	98801	5098849521 DOUGLAS	4810-B01-1 5/4/86 00:00:00	Operational Steel Clad with Fiberglass 1
297	MAID O'CLOVER, INC. 501 GRANT RD	EAST WENATCHEE	98801	5092483562 DOUGLAS 1	6/30/69 00:00:00	Operational	Steel-Unprotected 1 LEADED GASOLINE
297	MAID O'CLOVER, INC. 501 GRANT RD	EAST WENATCHEE	98801	5092483562 DOUGLAS 2	6/30/69 00:00:00	Operational	Steel-Unprotected 1 UNLEADED GASOLINE
297	MAID O'CLOVER, INC. 501 GRANT RD	EAST WENATCHEE	98801	5092483562 DOUGLAS 3	6/30/69 00:00:00	Operational	Steel-Unprotected 1 UNLEADED GASOLINE
73	GRANT ROAD ORCHARD/CLOSED 3555 GRANT ROAD	EAST WENATCHEE	98801	5096627164 DOUGLAS 1	12/31/64 00:00:00	Removed	Steel-Unprotected 1 LEADED GASOLINE
11863	KAYO'S SERVICE STATION 400 VALLEY MALL PKWY	EAST WENATCHEE	98801	5098846711 DOUGLAS 1	5/1/73 00:00:00	Operational	Steel-Unprotected 1 LEADED
11863	KAYO'S SERVICE STATION 400 VALLEY MALL PKWY	EAST WENATCHEE	98801	5098846711 DOUGLAS 2	5/1/73 00:00:00	Operational	Steel-Unprotected 1 LEADED
11863	KAYO'S SERVICE STATION 400 VALLEY MALL PKWY	EAST WENATCHEE	98801	5098846711 DOUGLAS 3	5/1/73 00:00:00	Operational	Steel-Unprotected 1 LEADED
7452	DOUGLAS CO FIRE DIST #2 1100 VALLEYMALL PKWY	EAST WENATCHEE	98801	5098846671 DOUGLAS 1	12/31/64 00:00:00	Removed	111 to 1,100 Gallons Steel-Unprotected 1
2904	FAR WEST SERVICES INC. 14 ROCK ISLAND ROAD PO BOX 0217	EAST WENATCHEE	98801	5098847134 DOUGLAS 1	5/10/74 00:00:00	Removed	111 to 1,100 Gallons
529	EAST WENATCHEE WATER DISTRICT SHOP 15 TH AND EASTMONT	EAST WENATCHEE	98801	509884458 DOUGLAS 4	11/1/84 00:00:00	Operational	111 to 1,100 Gallons
529	EAST WENATCHEE WATER DISTRICT SHOP 15 TH AND EASTMONT	EAST WENATCHEE	98801	509884458 DOUGLAS 2	12/31/64 00:00:00	Closed in Place	111 to 1,100 Gallons
529	EAST WENATCHEE WATER DISTRICT SHOP 15 TH AND EASTMONT	EAST WENATCHEE	98801	509884458 DOUGLAS 3	11/1/84 00:00:00	Operational	111 to 1,100 Gallons
529	EAST WENATCHEE WATER DISTRICT SHOP 15 TH AND EASTMONT	EAST WENATCHEE	98801	509884458 DOUGLAS 1	12/31/64 00:00:00	Closed in Place	111 to 1,100 Gallons
101820	WSU COLUMBIA VIEW ORCHARDS 3119 LONGVIEW ROAD	EAST WENATCHEE	98802	5098840161 DOUGLAS 2	6/1/87 00:00:00	CLOSURE IN PROCESS	111 to 1,100 Gallons
3451	GREATER WENATCHEE REGIONAL LANDFILL & RECYCLING CENTER	191 WEBB RD	EAST WENATCHEE	98802	5096624591 DOUGLAS 1	7/1/84 00:00:00	Operational 111 to 1,100 Gallons
3451	GREATER WENATCHEE REGIONAL LANDFILL & RECYCLING CENTER	191 WEBB RD	EAST WENATCHEE	98802	5096624591 DOUGLAS 2	7/1/84 00:00:00	Operational 111 to 1,100 Gallons
5270	INLAND AIR SERVICE INC 607 15TH NE	EAST WENATCHEE	98802	5098847189 DOUGLAS 2	12/31/64 00:00:00	Operational	Steel-Unprotected 1 AVIATION FUEL
5270	INLAND AIR SERVICE INC 607 15TH NE	EAST WENATCHEE	98802	5098847189 DOUGLAS 3	12/31/64 00:00:00	Operational	Steel-Unprotected 1 AVIATION FUEL
5270	INLAND AIR SERVICE INC 607 15TH NE	EAST WENATCHEE	98802	5098847189 DOUGLAS 1	12/31/64 00:00:00	Operational	Steel-Unprotected 1 UNLEADED GASOLINE
5270	INLAND AIR SERVICE INC 607 15TH NE	EAST WENATCHEE	98802	5098847189 DOUGLAS 4	12/31/64 00:00:00	Closed in Place	Steel-Unprotected 1 AVIATION FUEL
5270	INLAND AIR SERVICE INC 607 15TH NE	EAST WENATCHEE	98802	5098847189 DOUGLAS 5	12/31/64 00:00:00	Closed in Place	Steel-Unprotected 1 LEADED GASOLINE
101820	WSU COLUMBIA VIEW ORCHARDS 3119 LONGVIEW ROAD	EAST WENATCHEE	98802	5098840161 DOUGLAS 1	6/1/87 00:00:00	CLOSURE IN PROCESS	111 to 1,100 Gallons
1653	PANGBORN MEMORIAL AIRPORT 1 PANGBORN DR	EAST WENATCHEE	988020000	5098842494 DOUGLAS M	6/30/68 00:00:00	Removed	111 to 1,100 Gallons Steel-Unprotected 1

1653	PANGBORN MEMORIAL AIRPORT 1 PANGBORN DR	EAST WENATCHEE	988020000	5098842494 DOUGLAS D	12/31/64 00:00:00	Removed	Steel-Unprotected	1	LEADED
	GASOLINE								
1653	PANGBORN MEMORIAL AIRPORT 1 PANGBORN DR	EAST WENATCHEE	988020000	5098842494 DOUGLAS E	12/31/64 00:00:00	Removed	Steel-Unprotected	1	LEADED
	GASOLINE								
1653	PANGBORN MEMORIAL AIRPORT 1 PANGBORN DR	EAST WENATCHEE	988020000	5098842494 DOUGLAS K	12/31/64 00:00:00	Removed	Steel-Unprotected	1	LEADED
	GASOLINE								
1653	PANGBORN MEMORIAL AIRPORT 1 PANGBORN DR	EAST WENATCHEE	988020000	5098842494 DOUGLAS Q	6/30/68 00:00:00	Operational	Steel-Unprotected	1	AVIATION FUEL
1653	PANGBORN MEMORIAL AIRPORT 1 PANGBORN DR	EAST WENATCHEE	988020000	5098842494 DOUGLAS R	6/30/68 00:00:00	Operational	Steel-Unprotected	1	AVIATION FUEL
1653	PANGBORN MEMORIAL AIRPORT 1 PANGBORN DR	EAST WENATCHEE	988020000	5098842494 DOUGLAS F	12/31/64 00:00:00	Removed	Steel-Unprotected	1	USED
	OIL/WASTE OIL								
1653	PANGBORN MEMORIAL AIRPORT 1 PANGBORN DR	EAST WENATCHEE	988020000	5098842494 DOUGLAS B	12/31/64 00:00:00	Closed in Place	Steel-Unprotected	1	LEADED
	GASOLINE								
1653	PANGBORN MEMORIAL AIRPORT 1 PANGBORN DR	EAST WENATCHEE	988020000	5098842494 DOUGLAS C	12/31/64 00:00:00	Closed in Place	Steel-Unprotected	1	
1653	PANGBORN MEMORIAL AIRPORT 1 PANGBORN DR	EAST WENATCHEE	988020000	5098842494 DOUGLAS N	6/30/68 00:00:00	Removed	111 to 1,100 Gallons	Steel-Unprotected	1
6543	HALE & LONG GENERAL CONTRACTORS INC.	1040 VALLEY MALL PKWY	EAST WENATCHEE	988020038	5098846663 DOUGLAS 3	3/1/75 00:00:00	TEMPORARILY CLOSED		
	Steel-Unprotected 1								
6543	HALE & LONG GENERAL CONTRACTORS INC.	1040 VALLEY MALL PKWY	EAST WENATCHEE	988020038	5098846663 DOUGLAS 1	3/1/75 00:00:00	TEMPORARILY CLOSED		
	Steel-Unprotected 1								
6543	HALE & LONG GENERAL CONTRACTORS INC.	1040 VALLEY MALL PKWY	EAST WENATCHEE	988020038	5098846663 DOUGLAS 2	3/1/75 00:00:00	TEMPORARILY CLOSED		
	Steel-Unprotected 1								
10970	CITY OF EAST WENATCHEE 10 RAMAKER WAY/PO BOX 7159	EAST WENATCHEE	988020159	5098849515 DOUGLAS 1	12/31/64 00:00:00	Removed	111 to 1,100 Gallons		1
	UNLEADED GASOLINE								
10970	CITY OF EAST WENATCHEE 10 RAMAKER WAY/PO BOX 7159	EAST WENATCHEE	988020159	5098849515 DOUGLAS 2	12/31/64 00:00:00	Removed	111 to 1,100 Gallons		1
	UNLEADED GASOLINE								
1474	JOHNSONS CYCLE & MARINE SALES INC.	1051 VALLEY MALL PARKWAY	EAST WENATCHEE	988024403	5098842431 DOUGLAS 1	1/1/78 00:00:00	CLOSURE IN PROCESS	111 to 1,100	
4758	PUD NO 1 OF DOUGLAS COUNTY	1151 VALLEY MALL PARKWAY	EAST WENATCHEE	988024405	5098847191 DOUGLAS 2 E.W.	3/19/78 00:00:00	Removed	Steel-Unprotected	1
	Steel-Unprotected 1								
4758	PUD NO 1 OF DOUGLAS COUNTY	1151 VALLEY MALL PARKWAY	EAST WENATCHEE	988024405	5098847191 DOUGLAS 3 E.W.	12/31/64 00:00:00	Closed in Place	111 to 1,100 Gallons	
	UNLEADED GASOLINE								
1143	EASTMONT SCHOOL DISTRICT 206	345 6TH ST NE	EAST WENATCHEE	988024425	5098846516 DOUGLAS #2	11/9/82 00:00:00	Operational	Fiberglass Reinforced Plastic	1
1143	EASTMONT SCHOOL DISTRICT 206	345 6TH ST NE	EAST WENATCHEE	988024425	5098846516 DOUGLAS #3	6/1/72 00:00:00	Operational	Steel-Unprotected	1
	GASOLINE								LEADED
1143	EASTMONT SCHOOL DISTRICT 206	345 6TH ST NE	EAST WENATCHEE	988024425	5098846516 DOUGLAS #1	10/1/79 00:00:00	Operational	Steel-Unprotected	1
	GASOLINE								UNLEADED
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531 DOUGLAS 5	1/1/89 00:00:00	Exempt	Coated Steel	1
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531 DOUGLAS 1	12/31/64 00:00:00	Removed	Steel-Unprotected	1
	GASOLINE								
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531 DOUGLAS 2	12/31/64 00:00:00	Removed	Steel-Unprotected	1
	UNLEADED GASOLINE								
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531 DOUGLAS 3	12/31/64 00:00:00	Removed	Steel-Unprotected	1
	UNLEADED GASOLINE								
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531 DOUGLAS 1-1R-8000	1/1/89 00:00:00	Operational	Coated Steel	1
	UNLEADED GASOLINE								
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531 DOUGLAS 2-2R-4000	10/29/89 00:00:00	Operational	Coated Steel	1
	UNLEADED GASOLINE								
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531 DOUGLAS 4-4R-550	12/31/64 00:00:00	Exempt	111 to 1,100 Gallons	Coated Steel
	1 HEATING FUEL								
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531 DOUGLAS 4	1/1/89 00:00:00	Operational	Fiberglass Reinforced Plastic	1
	UNLEADED GASOLINE								
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531 DOUGLAS 3-3R-550	1/1/89 00:00:00	Operational	111 to 1,100 Gallons	Coated Steel
	1 USED OIL/WASTE OIL								
10969	CITY OF EAST WENATCHEE 271 9TH ST NE	EAST WENATCHEE	988024438	5098841829 DOUGLAS 2	12/31/64 00:00:00	Removed		1	

10969	CITY OF EAST WENATCHEE 271 9TH ST NE	EAST WENATCHEE	988024438	5098841829 DOUGLAS 1	12/31/64 00:00:00	Removed	1	LEADED GASOLINE	111 to 1,100
101268	EASTMONT HIGH SCHOOL 955 3RD AVENUE NE	EAST WENATCHEE	988024443	5098847169 DOUGLAS 1	12/31/64 00:00:00	Closure in Process	1	USED OIL/WASTE OIL	111 to 1,100
8029	COUNTY SHOP 110 3RD STREET NORTH EAST	EAST WENATCHEE	988024801	5098841511 DOUGLAS E-2	2/2/64 00:00:00	REMOVED	1	LEADED GASOLINE	111 to 1,100
8029	COUNTY SHOP 110 3RD STREET NORTH EAST	EAST WENATCHEE	988024801	5098841511 DOUGLAS E-4	12/31/64 00:00:00	REMOVED	1	LEADED GASOLINE	111 to 1,100
8029	COUNTY SHOP 110 3RD STREET NORTH EAST	EAST WENATCHEE	988024801	5098841511 DOUGLAS E-3	2/2/64 00:00:00	REMOVED	1	UNLEADED GASOLINE	111 to 1,100
8029	COUNTY SHOP 110 3RD STREET NORTH EAST	EAST WENATCHEE	988024801	5098841511 DOUGLAS E-1	2/2/64 00:00:00	REMOVED	1	USED OIL/WASTE OIL	111 to 1,100
100406	DOUGLAS COUNTY PARKS AND RECREATION 255 N GEORGIA STREET	EAST WENATCHEE	988024932	5098848015 DOUGLAS 3DIESEL	12/31/64 00:00:00	Removed	1	111 to 1,100	111 to 1,100
100406	DOUGLAS COUNTY PARKS AND RECREATION 255 N GEORGIA STREET	EAST WENATCHEE	988024932	5098848015 DOUGLAS 1REGULAR	12/31/64 00:00:00	Removed	1	111 to 1,100	111 to 1,100
100406	DOUGLAS COUNTY PARKS AND RECREATION 255 N GEORGIA STREET	EAST WENATCHEE	988024932	5098848015 DOUGLAS 2UNLEADED	12/31/64 00:00:00	Removed	1	111 to 1,100	111 to 1,100
5343	MEINDE EXCAVATION, INC. 295 N LYLE AVE	EAST WENATCHEE	988025144	5098844501 Douglas 1	7/10/79 00:00:00	REMOVED	1	Steel-Unprotected	1
5343	MEINDE EXCAVATION, INC. 295 N LYLE AVE	EAST WENATCHEE	988025144	5098844501 Douglas 2	4/10/84 00:00:00	REMOVED	1	Steel-Unprotected	1
5343	MEINDE EXCAVATION, INC. 295 N LYLE AVE	EAST WENATCHEE	988025144	5098844501 Douglas 3	6/15/87 00:00:00	REMOVED	1	Steel-Unprotected	1
100395	ARCO 5712 111 VALLEY MALL PARKWAY	EAST WENATCHEE	988025307	7146705405 DOUGLAS 4 SUPER	9/1/90 00:00:00	OPERATIONAL	1	UNLEADED GASOLINE	1
100395	ARCO 5712 111 VALLEY MALL PARKWAY	EAST WENATCHEE	988025307	7146705405 DOUGLAS 1 REGULAR	9/1/90 00:00:00	Operational	1	Fiberglass Reinforced Plastic	1
100395	ARCO 5712 111 VALLEY MALL PARKWAY	EAST WENATCHEE	988025307	7146705405 DOUGLAS 2 UNLEAD	9/1/90 00:00:00	Operational	1	Fiberglass Reinforced Plastic	1
100395	ARCO 5712 111 VALLEY MALL PARKWAY	EAST WENATCHEE	988025307	7146705405 DOUGLAS 3 UNLEAD	9/1/90 00:00:00	Operational	1	Fiberglass Reinforced Plastic	1
8440	4352 123 GRANT RD	EAST WENATCHEE	988025329	5098842711 DOUGLAS 1	12/31/64 00:00:00	Removed	1	Steel-Unprotected	1
8440	4352 123 GRANT RD	EAST WENATCHEE	988025329	5098842711 DOUGLAS 2	12/31/64 00:00:00	Removed	1	Steel-Unprotected	1
8440	4352 123 GRANT RD	EAST WENATCHEE	988025329	5098842711 DOUGLAS 3	12/31/64 00:00:00	Removed	1	Steel-Unprotected	1
8440	4352 123 GRANT RD	EAST WENATCHEE	988025329	5098842711 DOUGLAS 4	12/31/64 00:00:00	Removed	111 to 1,100 Gallons	Steel-Unprotected	1
7751	ONE STOP 209 GRANT RD	EAST WENATCHEE	988025331	5098847258 DOUGLAS 2	1/1/69 00:00:00	Operational	1	Steel-Unprotected	1
7751	ONE STOP 209 GRANT RD	EAST WENATCHEE	988025331	5098847258 DOUGLAS 1	11/10/85 00:00:00	Operational	1	LEADED GASOLINE	1
7751	ONE STOP 209 GRANT RD	EAST WENATCHEE	988025331	5098847258 DOUGLAS 4	1/1/69 00:00:00	Operational	1	UNLEADED GASOLINE	1
100138	SITE 3 E WENATCHEE CARDTROL 220 GRANT RD	EAST WENATCHEE	988025332	5096628188 DOUGLAS 2	5/15/87 00:00:00	Operational	1	Coated Steel	1
100138	SITE 3 E WENATCHEE CARDTROL 220 GRANT RD	EAST WENATCHEE	988025332	5096628188 DOUGLAS 3	5/15/87 00:00:00	Operational	1	Coated Steel	1
100138	SITE 3 E WENATCHEE CARDTROL 220 GRANT RD	EAST WENATCHEE	988025332	5096628188 DOUGLAS 1	5/15/87 00:00:00	Operational	1	Coated Steel	1
100060	GULL #630 478 GRANT RD	EAST WENATCHEE	988025336	2066245400 DOUGLAS 630-1	6/1/87 00:00:00	Operational	1	Steel-Unprotected	1
100060	GULL #630 478 GRANT RD	EAST WENATCHEE	988025336	2066245400 DOUGLAS 630-2	6/1/87 00:00:00	Operational	1	Steel-Unprotected	1
100060	GULL #630 478 GRANT RD	EAST WENATCHEE	988025336	2066245400 DOUGLAS 630-4	6/1/82 00:00:00	Operational	1	LEADED GASOLINE	1
100060	GULL #630 478 GRANT RD	EAST WENATCHEE	988025336	2066245400 DOUGLAS 630-3	6/1/87 00:00:00	Operational	1	UNLEADED GASOLINE	1
100060	GULL #630 478 GRANT RD	EAST WENATCHEE	988025336	2066245400 DOUGLAS 630-5	6/1/82 00:00:00	Operational	1	UNLEADED GASOLINE	1
10335	INLAND TRANSPORTATION 420 HIGHLINE DRIVE	EAST WENATCHEE	988025347	5098841415 DOUGLAS 1 DIESEL	12/31/64 00:00:00	Closure in Process	1	Steel-Unprotected	1
10335	INLAND TRANSPORTATION 420 HIGHLINE DRIVE	EAST WENATCHEE	988025347	5098841415 DOUGLAS 2 UNLEADED	12/31/64 00:00:00	Closure in Process	111 to 1,100 Gallons	111 to 1,100 Gallons	111 to 1,100 Gallons
Steel-Unprotected	1	UNLEADED GASOLINE							
10660	CONSOLIDATED FREIGHTWAYS 435 ROCK ISLAND RD	EAST WENATCHEE	988025359	5098846663 DOUGLAS D-1	12/31/64 00:00:00	Temporarily Closed	1	Steel-Unprotected	1
4885	DALE E LARSON 1855 ROCK ISLAND ROAD	EAST WENATCHEE	988025737	5098845000 DOUGLAS 1	12/31/64 00:00:00	Removed	111 to 1,100 Gallons	Steel-Unprotected	1
11702	PARKS FERTILIZER 3301 ROCK ISLAND ROAD	EAST WENATCHEE	988025827	5096637590 DOUGLAS 1	12/31/64 00:00:00	Exempt	1	Steel-Unprotected	1
11702	PARKS FERTILIZER 3301 ROCK ISLAND ROAD	EAST WENATCHEE	988025827	5096637590 DOUGLAS 2	12/31/64 00:00:00	Exempt	111 to 1,100 Gallons	Steel-Unprotected	1
100394	LINCOLN ROCK CHEVRON 13258 LINCOLN ROCK PARK RD	EAST WENATCHEE	988028203	5098861122 DOUGLAS 3	3/1/88 00:00:00	Operational	1	Coated Steel	1
100394	LINCOLN ROCK CHEVRON 13258 LINCOLN ROCK PARK RD	EAST WENATCHEE	988028203	5098861122 DOUGLAS 1	3/1/88 00:00:00	Operational	1	Coated Steel	1
100394	LINCOLN ROCK CHEVRON 13258 LINCOLN ROCK PARK RD	EAST WENATCHEE	988028203	5098861122 DOUGLAS 2	3/1/88 00:00:00	Operational	1	Coated Steel	1
12760	GREATER WENATCHEE IRRIGATION DISTRICT 3300 SOUTH EAST 8TH STREET	EAST WENATCHEE	988029130	5098844042 DOUGLAS EAST UNIT 4/15/63	00:00:00	Removed	111 to 1,100 Gallons	111 to 1,100 Gallons	111 to 1,100 Gallons

100318	BJS LINCOLN ROCK	RT3 BOX 3113 BB	EAST WENATCHEE	988029803	5098846001 DOUGLAS 4DO	3/3/87 00:00:00	Operational	Steel-Unprotected	1	LEADED
100318	BJS LINCOLN ROCK	RT3 BOX 3113 BB	EAST WENATCHEE	988029803	5098846001 DOUGLAS 3REG	3/3/87 00:00:00	Operational	Steel-Unprotected	1	LEADED
GASOLINE										
100318	BJS LINCOLN ROCK	RT3 BOX 3113 BB	EAST WENATCHEE	988029803	5098846001 DOUGLAS 2NL	3/3/87 00:00:00	Operational	Steel-Unprotected	1	UNLEADED GASOLINE
100318	BJS LINCOLN ROCK	RT3 BOX 3113 BB	EAST WENATCHEE	988029803	5098846001 DOUGLAS 1SUP	3/3/87 00:00:00	Operational	Steel-Unprotected	1	UNLEADED GASOLINE
7233	BASIN ASPHALT CO.	320 RIVERVIEW	EAST WENATCHEE	988071628	DOUGLAS I	1/1/83 00:00:00	Operational	Steel-Unprotected	1	
8028	MANSFIELD SHOP	NW1/4 NW1/4 S25 T27 R26	MANSFIELD	98813	5096831113 DOUGLAS M-2	12/31/64 00:00:00	Removed	111 to 1,100 Gallons	Steel-Unprotected	1

Confirmed and Suspected Contaminated Sites

Jul 25, 1998

COUNTY	SITE NAME	LOCATION ADDRESS CITY	ZIP CODE	SITE IND			AFFECTED MEDIA	STATUS	CONTAMINANT #:																
				CODE	STAT	WARM BIN #			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
COWLITZ	WEST COAST/MOBIL OIL CO	804 14TH AVENUE LONGVIEW	98632-1604	3		1	Groundwater Soil	A C																	
	WEYERHAEUSER CO LONGVIEW}	3535 Industrial Way LONGVIEW	98632	3			Groundwater Soil	C																	
	WEYERHAEUSER HO CAMP	3434 S SILVER LAKE ROAD CASTLE ROCK	98811	4	2		Groundwater	C																	
DOUGLAS	BEEBE ORCHARD DUMP	MCNEIL CANYON ON CORRAL CREEK CHELAN FALLS	98817	2		5	Groundwater Soil Surface Water	S S S																	
	E WENATCHEE/DEPENDABLE DISPL.	191 WEBB RD E. WENATCHEE	98801	1			Drinking Water Groundwater Soil	S S S																	
	INLAND AIR SERVICE	BADGER MTN. RD - FANCHER FIELD E. WENATCHEE	98802	2		4	Drinking Water Groundwater Soil Surface Water	S S S S																	
	PANGBORN FIELD	GRANT ROAD E. WENATCHEE	98801	1			Soil Surface Water	C S																	
	SILICON METALTECH{LAB SITE	189 4TH STREET ROCK ISLAND	98850	4	2	5	Drinking Water Groundwater	S S																	

CONTAMINANT KEY: S-SUSPECTED, C-CONFIRMED, R-REMEDIATED, B-BELOW MCTA CLEANUP LEVELS
REFER TO ATTACHED LEGEND FOR EXPLANATION OF CODED DATA

Confirmed and Suspected Contaminated Sites

Jul 25, 1998

COUNTY	SITE NAME	LOCATION ADDRESS CITY	ZIP CODE	SITE IND		AFFECTED MEDIA	STATUS	CONTAMINANT #:																
				CODE	STAT			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
DOUGLAS	SILICON METALTECH (LAGOON)	189 4TH STREET ROCK ISLAND	98850	4	2	4		Sediment	S															
								Soil	C															
								Surface Water	S															
								Drinking Water	S															
								Groundwater	S															
								Sediment	S															
								Groundwater	S															
								Sediment	S															
								Soil	C															
								Surface Water	S															
	WATERVILLE WATER WELLS	PO BOX 580 WATERVILLE	98858	1				Groundwater	C															
	WSU - SMITH TRACT	HWY 2, 8 MI. N OF WENATCHEE E. WENATCHEE	98801	2	1			Soil	C															
	HECLA KNOB HILL MINE	KNOB HILL RD REPUBLIC	98166	2	5			Surface Water	C															
	BNRR - PASCO RAILYARD	1/3 MI. NW OF OREGON / E 'A' PASCO	98301	2	5			Groundwater	C															
								Soil	C															
	BONNEVILLE POWER ADMIN (I.H.D.)	NW1/4 NW1/4, SEC24, T9N, R31E, W1M PASCO	98301	4	1			Soil	C															
	BONNEVILLE POWER ADMIN. (S.L.)	SE1/4 NE1/4 & NW1/4 SW1/4 PASCO	98301	4	1			Soil	C															
	GLEN'S METALS	1104 E LEWIS PASCO	98301	2	5			Soil	C															

CONTAMINANT KEY: S-SUSPECTED, C-CONFIRMED, R-REMEDIATED, B-BELOW MCLTA CLEANUP LEVELS
REFER TO ATTACHED LEGEND FOR EXPLANATION OF CODED DATA

Hazardous Sites List

SITE REGISTER SPECIAL ISSUE - AUGUST 20, 1996

Central Region

Contact Persons: Tony Valero (509) 454-7833 or Michael Spencer (360) 407-7195

County	Site Name	Nearest City	Rank	Status
Chelan	Ben Franklin Transit Co.	Richland	3	Independent RA
	CENEX, Kennewick	Kennewick	2	Independent RA
	J.R. Simplot Company	Prosser	4	Independent RA
	New City Cleaners	Richland	1	Awaiting RA
	Oggies Mini Mart	Prosser	3	Independent RA
	Pacific Recycling	Kennewick	2	Awaiting RA
	Pump, Pak & Eatery	Kennewick	3	Awaiting RA
	Sagetree Electric, Inc.	Kennewick	3	Awaiting RA
	Wellsian Way Well Field	Richland	2	Awaiting RA
				RA in Progress
Chelan	Cascade Helicopter	Cashmere	2	Awaiting RA
	Cashmere Landfill	Cashmere	1	Awaiting RA
	Dryden Landfill	Dryden	4	RA in Progress
	Glacier Park{	Leavenworth	1	RA in Progress
	Glacier Park{Boyd-Cascade			RA in Progress
	Glacier Park{Budget Fuel			Independent RA
	Holden Mine Tailing/Wenatch	Holden	1	Awaiting RA
	Manson Landfill	Manson	2	Awaiting RA
	Unocal Bulk Plant #0082	Chelan	1	Awaiting RA
	Unocal Bulk Plant #0853	Wenatchee	1	Awaiting RA
	Unocal Service Station #4942	Wenatchee	2	Independent RA
	WSU Tree Fruit Research Unit	Wenatchee	3	Awaiting RA
	Wenatchee Elementary - Proposed	Wenatchee	5	Awaiting RA
	Wenatchee Middle School - Proposed	Wenatchee	5	Awaiting RA
Douglas				Awaiting RA
	Beebe Orchard Dump	Chelan Falls	5	Awaiting RA
	Inland Air Service	E. Wenatchee	4	Independent RA
	Silicon Metaltech{Lab Site	Rock Island	5	Independent RA
	Silicon Metaltech{Lagoon	Rock Island	4	Awaiting RA
Kittitas	WSU Smith Tract	E. Wenatchee	1	Awaiting RA
				Awaiting RA
	115 Mini Mart	Kittitas	3	Awaiting RA
	❖ Alpine Veneer Plant	Ronald	5	Awaiting RA
	Big B Mini-Mart	Ellensburg	4	RA in Progress
	Bingo Fuel Stop	Thorp	2	Awaiting RA
	❖ Cle Elum Petroleum Contam.	Cle Elum	3	Awaiting RA
	❖ DeVere Bulk Plant	Cle Elum	5	Awaiting RA
	Flying J Truck Stop	Ellensburg	4	Awaiting RA
	❖ Hill's Quick Tune	Cle Elum	5	Awaiting RA
				Awaiting RA

Hazardous Sites List Legend:

❖ New site added to the ranked list, August 1996

◆ New site added to the National Priorities List (NPL)

Ranking: 0▼ Superfund site; State has lead

0▲ Superfund site, Federal (EPA) has lead

0* Superfund site; site is under a Federal Facilities Agreement

0□ Superfund site; EPA and State co-lead

WHITE SHIELD, INC.

Consulting Engineers and Surveyors

Key Personnel Resume

Stuart W. Fricke

Principal

EDUCATION

Washington State University
B.A., 1986, *Business Administration*
B.A., 1984, *Economics*
WSU Continuing Education
Hazardous Waste Site Remediation
CBC Continuing Education
Toxic Substance Control Act

REGISTRATION

40 Hour Hazardous Waste Certification
8 Hour WAC 296-62 Site Supervisor Training
UST Supervisor License - Washington #W001860
UST Decommission Supervisor - Oregon #11407
Soil Matrix Cleanup Supervisor - Oregon #12187

PROFESSIONAL EXPERIENCE

Mr. Fricke has over nine years of professional management experience. He is principal-in-charge of all operations of White Shield, Inc. including corporate policies, administration, finances, business development and employment. He is director of all technical operations including engineering, surveying and environmental services performed by the company. His project management experience includes work associated with engineering and survey projects throughout Northwest for the Indian Tribes, U.S. Forest Service, Corp of Engineers, Federal Highway Administration, Bureau of Indian Affairs, Pacific Gas Transmission Company, and private parties. Mr. Fricke is responsible for several hazardous waste studies and remedial actions on properties throughout Washington and Oregon. His experience includes projects with major banking institutions, the FDIC, U.S. Forest Service, Department of Wildlife, petroleum distributors, Bureau of Reclamation and private parties. He has been responsible for setting environmental assessment policy as necessary for real estate transactions, environmental impact studies, corrective action management plan preparation, and underground storage tank decommissioning and remediation.

Selected Project Experience

Program Management and Planning

Project Manager for civil design and erosion control plans for the National Museum of American Indian Cultural Resource Center in Suitland, Maryland. This Smithsonian Institution project designed by Native American Design Collaborative involved Indian Designers and Artists throughout North America. Mr. Fricke was a participant in design charette which created the conceptual design direction for the project.

Master planning for the Pyramid Paiute Tribe for the Wadsworth town located on the Pyramid Lake Indian Reservation in Nevada. Mr. Fricke worked as a key team member in developing master plan of this old railroad town adjacent to Interstate 80 and prepared all master plan maps and exhibits.

Project Manager for complete engineering services on the 45,000 sf. Quinalt Indian Nation Casino Resort complex at Ocean Shores, Washington. Mr. Fricke directed design teams for wastewater treatment plans, on-site water supply, site drainage plans, roads and parking system design, topography and boundary surveys, environmental site assessment, and coordination of wetland studies. The project is located on 200 acres of Pacific Ocean beach front property and has extensive wetlands which complicates the drainage system and design of road and parking structures. The facility will require a 2 mile wastewater extension to the City of Ocean Shores wastewater plant.

Project Manager for complete engineering services on the 45,000 sf Yakama Indian Nation Casino at Toppenish, Washington. The project is located on 75 acres of trust land adjacent to the Yakama Agency & Cultural Center. The project includes site engineering, utility design, road and parking design, waste water pump station, water supply, geotechnical studies, topography and boundary survey, traffic study, and on-site construction inspection.

Survey and Engineering

Mr. Fricke is directly responsible for reviewing all estimates, labor requirements, and equipment requirements for the survey department. His experience includes projects throughout Washington, Oregon, Idaho, Arizona, and Nevada. He is the project director for the Walla Walla Corp of Engineers project at Hanford, U.S. Forest Service Cadastral surveys, Bureau of Indian Affairs highway surveys (ground and aerial), Federal Highway topographical and right-of-way survey and other surveys using conventional and global positioning survey (GPS) methods.

Mr. Fricke is directly responsible for reviewing all estimates, labor requirements, and equipment needs for the engineering design department. His experience includes projects in Washington and California for the Bureau of Indian Affairs Indian Tribes, Department of Social Health Services, and the Smithsonian. He is project director of the Youth Alcohol Treatment Center in Spokane, design of three bridges on the Tule River and XL Ranch Indian Reservations, rehabilitation of two bridges on the Hoopa and Tule River Indian Reservation, and the site design of the horticulture building for National Museum of the American Indian.

Water Development Studies

Developed economic models for Fort Belknap, Duck Valley and Nez Perce Indian Reservations water rights studies. Developed population growth models and economic base requirements to handle population growth. Developed and organized survey to interview reservation residents about water quality and usage, cultural and social ties to the reservation land, and population data. Developed plans to enhance reservation employment through recreation and industry. All data is input to an economic model to be used to quantify water requirements for residential, industrial and other non-agricultural uses.

Environmental

Project Manager for the preparation of an environmental impact study for the construction of a 14 mile highway on the Fort Apache Indian Reservation in Arizona. The study was conducted to comply with the National Environmental Policy Act (NEPA) and amendments. Personally studied the economic impacts of the new bypass highway on neighboring towns and tribal people and made presentations at public hearings.

Prepared three environmental assessments according to NEPA Compliance and Bureau of Indian Affairs guidelines for the replacement of two bridges on the Tule River Indian Reservation and one bridge on the XL Ranch Indian Reservation in California.

Project Manager for the investigation and removal of pentachlorophenol (PCP) and petroleum contamination for the Ochoco Forest Service near Prineville, Oregon. The project involved the removal of contaminated soil and investigation of groundwater contamination associated with a pole treatment site on the Crooked River National Grasslands reserve.

Corrective Action Management Plan preparation for underground storage tank (UST's) removals and petroleum contamination remediation. Directed activities associated with Corps of Engineers project to remove UST's at defense facilities in Washington State. Work involved preparation of work plans, sampling and analysis, health and safety, and reporting.

Project Manager for preparation of work plans, remedial investigations of petroleum contamination plume for Texaco Station located in Sunnyside, Washington. Negotiated with PLP's and Department of Ecology concerning level of effect and contributions of individual parties to cleanup operation.

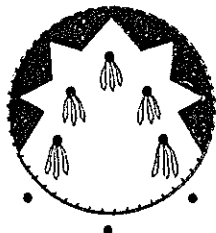
Phase II & III - Site Characterization and Remediation

Supervised and conducted environmental subsurface characterizations for the above mentioned sites and other privately-owned commercial sites within Washington and Oregon. Activities included onsite environmental drilling, excavations of exploratory test pits, collection of sub-surface soil samples. In addition, completed site sketches, as built drawings of monitoring wells, monitoring well development and groundwater sampling. Equipment experience includes auger and rotary drilling, Thin Layer Chromatography, Photoionization detectors (PID), and Flame ionization (FID) for field sampling/screening.

ATTACHMENT D

WHITE SHIELD

P.O. Box 477 Grandview, WA 98930-0477



ENVIRONMENTAL

(509) 882-1144 Fax (509) 882-4566

November 26, 1996

Mr. Paul Page
Vaughn Bay Construction
6509 Lakewood Drive West
Tacoma, WA 98467

Re: Phase I Environmental Site Assessment
North River Apartments- East Wenatchee, WA

Dear Mr. Page:

Transmitted herewith is a Phase I Environmental Site Assessment conducted at the above-referenced property by White Shield Environmental. This report represents the findings of our documentary review and site visit obtained during the Phase I assessment. Based on the information obtained during our assessment, we found two possible areas of environmental concern on the subject property. Please refer to the conclusions and recommendation located in this report for description and handling of the environmental concerns.

White Shield appreciates the opportunity to assist you on this important project. Please do not hesitate to contact us, if you have any questions or require additional information.

Respectfully submitted,
WHITE SHIELD ENVIRONMENTAL,


Stuart Fricke
President

A Certified ALPHA Bioremediation Company



PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT



SITE LOCATION:

North River Apartments
East Wenatchee, WA



PREPARED FOR:

Mr. Paul Page
Vaughn Bay Construction
6509 Lakewood Drive West
Tacoma, WA 98467

WHITE SHIELD

P.O. Box 477
Grandview, WA 98930-0477



ENVIRONMENTAL

(509)882-1144 VOICE
(509)882-4566 FAX

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1.0 Introduction

Presented in this report are the results of White Shield's Phase I Environmental Site Assessment (ESA) performed at the southwestern portion of lot 28 located north of 5th Street N.E. in East Wenatchee, Washington (Site Location Map - Figure 1). The subject site consists of Douglas County Tax Parcel Number 401-000-028-01 (Figure 2).

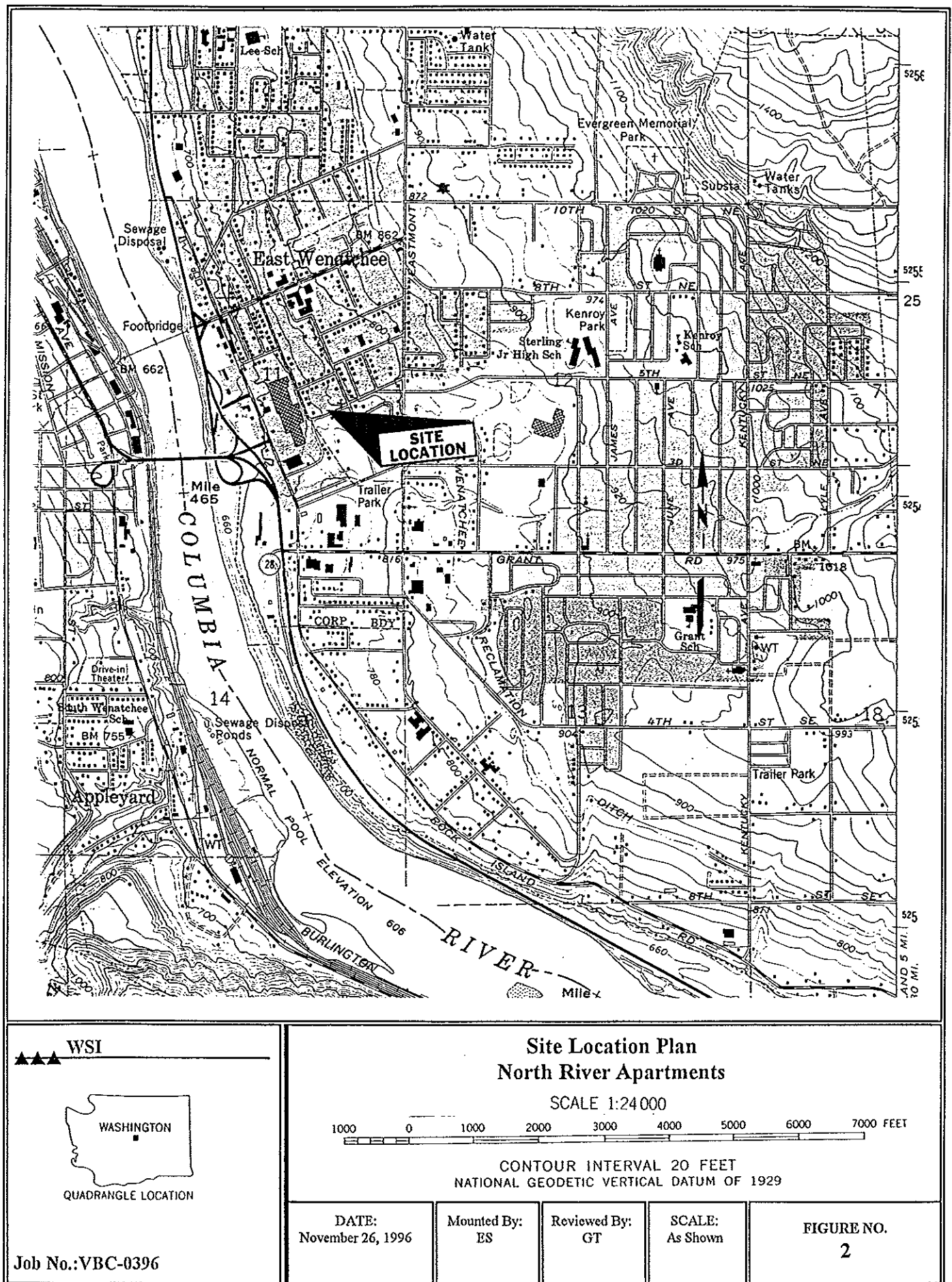
The Phase I Environmental Site Assessment was conducted in accordance with White Shield Environmental's proposal to Mr. Paul Page dated November 4, 1996.

2.0 Purpose and Scope

The purpose of the Phase I Environmental Site Assessment was to review information regarding past and present land use practices at the subject property, current site operations and conditions, and to observe properties in the vicinity of the site to assess the potential presence of soil, surface water, and/or ground water contamination resulting from release of hazardous wastes/materials. The assessment was accomplished by and limited to, a site reconnaissance and a review of readily available pertinent documentation available through White Shield's standard historical resources. We looked for indications of the use, storage, generation, manufacture and disposal of hazardous materials/wastes which may have contributed to soil and/or ground water contamination at the subject property. For the purposes of this study, the subject property is defined as previously described and the subject property vicinity is defined as the area within a 1/4-mile radius of the property. The collection of soil or ground water samples and performance of analytical laboratory testing for the presence of contaminants, including asbestos, was not included in the scope.

The scope of services included the following elements:

- Review of pertinent, available documents and maps regarding local geologic and hydrogeologic conditions;
- Review and interpretation of available historical aerial photographs of the subject property vicinity for selected years within the time period of approximately 50 years through the present from the local Public Library's and/or other readily available sources;
- Review and interpretation of available archival topographic maps and historical land use maps (e.g. Metsker, Kroll, Sanborn Fire Insurance Maps) and business directories (Cole's and Polk's, etc.) of the subject property and the subject property vicinity for information regarding historical site land use for the past 50 years that could have involved the manufacture, generation, use, storage and/or disposal of hazardous substances;



- Review available documents regarding past and/or current subject property development provided by Paul Page, or which reside in White Shield 's library. Potentially useful documents may include: title reports, site maps, appraisals, tenant lists with addresses and nature of businesses, geotechnical reports, prior environmental reports, and agency correspondence pertaining to the site;
- Perform a reconnaissance survey of the site to make visual observations of existing site conditions and activities on the site.
- Perform a visual survey to identify suspect asbestos containing building materials.
- Review current county, state and federal lists of known or potential hazardous waste sites or landfills, and sites currently under investigation for environmental violations located within search distances of the subject property (ranging from the subject property itself to 1 mile) depending on the nature of specific lists to be reviewed including:
 - U.S. EPA National Priorities ("Federal Superfund") List (1-mile radius);
 - U.S. EPA CERCLIS List (½-mile radius);
 - U.S. EPA ERNS List (property);
 - U.S. EPA RCRA List (property and adjoining);
 - U.S. EPA RCRA TSD List (1 mile radius);
 - U.S. EPA Inventory of Open Dumps (½-mile radius);
 - Washington Department of Ecology (Ecology) Hazardous Waste Investigations and Cleanup Program-Confirmed and Suspected Contaminated Site Report List (1-mile radius);
 - Ecology Toxic Cleanup Program-Hazardous Sites List (1-mile radius);
 - Ecology Central Regional Office Leaking Underground Storage Tank Sites List (½-mile radius);
 - Ecology Listing of Registered Underground Storage Tanks (property and adjoining properties);
 - County Abandoned Landfill List (½-mile radius); and
 - Washington State List of Active Landfills (½-mile radius).
- Interview site personnel and other appropriate parties made available by Paul Page for information regarding the history of the subject property and past and present practices regarding use, storage, and disposal of hazardous materials and wastes.
- Conduct inquiries by telephone to applicable municipal, county, and state regulatory agencies for information regarding building or environmental permits, environmental violations or incidents and/or status of enforcement actions at the site. Agency contacts included:
 - Washington Department of Ecology;

- Local Power Supply Company; and
- Local Fire Department.
- Prepare a summary report for the sites describing the research performed and presenting White Shield's findings, recommendations and professional opinions regarding the potential for environmental contamination at the site. Our reports includes the following, as appropriate:
 - Physiography;
 - Geologic and Hydrogeologic Setting;
 - Site Specific Reconnaissance Observations and Current Land Use;
 - Historical Land Use;
 - Agency Document Review;
 - Reported or Suspected Hazardous Materials;
 - Results of Visual Asbestos Survey;
 - Site Specific Conclusions and Recommendations;
 - References;
 - Site Locations and Site Plan Maps; and
 - Supporting Documentation.

2.1 Limitations

White Shield's objective is to perform our work in a professional manner, exercising the customary thoroughness and competence of environmental and engineering consulting professionals, in accordance with the standard for professional services at the time and location those services are rendered. It is important to recognize that even the most comprehensive scope of services may fail to detect environmental liability on a particular site. Therefore, White Shield cannot act as insurers and cannot "certify or underwrite" that a site is free of environmental contamination. No expressed or implied representation or warranty is included or intended in our reports except that our work was performed, within the limits prescribed by our client, with the customary thoroughness and competence of our profession.

3.0 Site Description and Document Review

3.1 Physiography and Legal Description

The parcel is located north of 5th Street N.E. between Baker Avenue and Colorado Avenue in the City of East Wenatchee, Washington (Figure 1). According to the Douglas County Assessors Office the tax parcel number for the site is 401-000-028-01.

The subject property is described as, "The East 235 feet of the West 335 feet of the South 330.5 feet

of Lot 28, East Wenatchee Land Company's Plat of Section 11 and part of Section 2, Township 22 North, Range 20 East, W.M., Douglas County, Washington, Except that part deeded for 5th Street N. E. to Douglas County recorded May 11, 1995, under Auditor's No. 142924." (Figure 2) (Appendix-A).

3.2 Hydrogeologic Setting

The subject property is located within the southeast portion of the Chiwaukum Basin (Graben). The surficial sediments deposited in this area were a result of glacial erosion and subsequent deposition of glacial melt waters. The unconsolidated to semiconsolidated sedimentary rocks of the Quaternary Flood Sediments include: clay, gravel, siltstone, and conglomerates. The unconsolidated deposits include: sand, gravel, cobbles, clay, and silt. The area is enclosed by prominent northwest-southeast trending anticlinal ridges that, from north to south, include (1) Badger Mountain, and (2) Trosen Ridge.

Well logs were not readily available within the site vicinity, however, test pits from the site indicated the shallow soils are a brown fine grained sandy silty loam with an underlying gray sandy gravel with cobbles. Test pits were excavated to a depth of 13 feet below ground surface. Groundwater was not encountered in any of the test pits. Based on the well logs stratigraphy of Chelan County PUD #1 of Wenatchee and the comparable site elevations between the PUD site and the subject site, the depth to groundwater is approximated to be 110 feet below ground surface (Appendix-B).

3.3 Present Site Conditions

On November 15, 1996, White Shield performed a site reconnaissance of the subject property and its vicinity to make visual observations of existing conditions, types of land use and nature of businesses. Site photographs, site sketch and field notes are presented in Appendix C and D.

East of the subject property is bounded by the lot 2 with the same parcel number (See Appendix D). North of the subject property is residential housing. To the west of the subject property is residential housing. South of the subject property is Fifth Street which also accesses the subject property.

During the site reconnaissance there were no appearance of structures or prior foundations. There were no transformers located on the subject property. There were no indications of stained soils or stressed vegetation on the subject property. In addition, there were no pits, ponds, or lagoons on the site. There were no hazardous materials observed on the site except for the area along the western fence of the subject property. This area is seen in photographs 5, 6, and 7 of Appendix C. The hazardous material is waste oil contained in two 55 gallon drums. According to Mr. Page this area falls into the 10 feet of disputed land.

Debris was present in the northwest and northern portion of the site. The debris can be seen in photographs 3, 4, and 5 of Appendix C. The debris included: burned drums, grass clippings, pruned tree branches, ash, carpeting, three empty 5 gallon containers of asphalt roofing, fencing material, back PVC piping, one 60 pound bag of concrete, three empty 5 gallon containers of laundry detergent, metal fence posts, and two clothes line hangers.

3.4 Site Vicinity

A reconnaissance of the site vicinity was conducted to make visual observation of existing vicinity conditions, types of land use and nature of businesses. The surrounding vicinity is described as follows:

- To the north is residential housing,
- To the east is residential housing,
- To the south is residential housing, and
- To the west is residential housing and commercial retail zoning.

3.5 Past Land Use of the Site

Information regarding past land use of the subject property and within the site vicinity was obtained by reviewing historical aerial photographs, archival topographic maps, historical land use maps, city directories, and other relevant documents obtained from the Wenatchee Public Library, Douglas County Assessor, Douglas County and East Wenatchee City Engineering and Planning Departments, Washington Department of Transportation, and White Shield's library (Appendix E).

3.5.1 Site

Sanborn Fire Insurance Maps were not readily available from the repositories listed above.

The earliest information for the subject site was a 1949 Douglas County aerial photograph. This photograph was reviewed at the Douglas County Public Works Engineering Department with the aid of a light aided magnifying glass. Sparsely vegetated Orchard trees, with grass and barren land. There were no soils that appeared stained or vegetation that was stressed. In addition, there were no visible signs of dumping or debris piles at the site. There were no structures present on the site at this time.

The next aerial photograph of the site was a 1954 aerial found in the Washington State Department of Transportation files. The photograph revealed a significant change to the subject property. There are no orchard trees on the parcel. The vegetation appeared to be wild grasses. There are no structures present on the subject site. There is no stained soils visible or stressed vegetation. There are no debris piles or dumping present in the photograph.

The next historical record of the subject property was the 1966 Wenatchee Quadrangle Map. In this map there are no structures present on the subject site.

In review of the 1970, 1980, and 1990 Wenatchee and surrounding area Polk Directory indicated that there were no addresses present at the subject site.

According to LeRoy Bellow, a northern neighbor of the subject site, the site has been vacant since he moved to his home in 1960.

3.5.2 Site Vicinity

Based on the above referenced material, the land use in the surrounding vicinity has transformed from orchards with sparsely housed parcels to residential housing.

In the 1949 Douglas County aerial photograph, The surrounding vicinity was mainly orchards with sparse residences. There were no areas where open dumping was observed. In addition, there were no parcels that appeared to have stressed vegetation located on them or that were barren of vegetation.

In the July 30, 1954 Washington State Department of Transportation aerial photograph several of the surrounding parcels have cleared the orchards from their land. In addition, development of several residential structures in the surrounding vicinity have been completed. The structures developed include four structures adjacent to the subject property. One of these structures is the present home of Mr. Bellew.

In the 1966, Wenatchee Quadrangle Topographical Map there are no structures in the surrounding vicinity that appear larger than residential dwellings.

In the 1987, revised Wenatchee Quadrangle Topographic Map reveals that the Vally Mall is developed to the west of the subject property. In addition, the school maintenance department building to the northeast is also present.

In the 1991 Washington State Department of Transportation aerial photograph there is no significant change in the surrounding vicinity.

3.6 Environmental Lien

WSI reviewed records held by Douglas County Assessor's Office, and Environmental Protection Agency Region 10. The documents reviewed indicate no evidence of environmental lien on the property.

3.7 Open Dumps

There are no open dumps on the site.

3.8 Wetland Information

The Environmental Protection Agency Region 10 report does not indicate the site as a wetland. In addition, according to Douglas County Planning Department Engineer Mrs. Joyce Phillips the subject property is located in Zone B. Zone B is defined as outside the 100 year flood zone. Information is found in Douglas County Planning Department Community Pannel number 530036-0535A, effective Date 7/17/96.

4.0 Records Review & Interviews

4.1 Interviews

WSI interviewed personnel at the Douglas County Public Works and Planning Office, Mr. Jim Zeller and Mr. LeRoy Bellew.

Mr. Jim Zeller

Mr. Jim Zeller, long time neighbor of the subject property, indicated that the soil could contain lead arsenic. Mr. Zeller found that soil present in his garden located to the east of the subject property contained lead arsenic. Mr Zeller added that he had collected and tested soil from his garden. Mr. Zeller believes that the lead arsenic is present from orchard spraying prior to 1950's.

Mr. LeRoy Bellew

According to Mr. LeRoy Bellew, a neighbor to the north of the subject site, indicated that the site has been vacant since he moved to his home in 1960.

Douglas County Planning Department

Mrs. Joyce Phillips was contacted for information regarding flood information for the subject site. According to Community Pannel number 530036-0535A the subject site is in Zone B which is outside of the 100 year flood zone. The effective date is July 17, 1978.

4.2 Record Review

A review of applicable regulatory agency documents and lists of known or potential hazardous waste sites or landfills, and properties or facilities currently under investigation for potential environmental violations was conducted to identify properties or facilities located within a search distance of up to one mile of the subject property that may have the potential to adversely affect environmental conditions at the subject property (Appendix E). The following EPA and agency documents and lists were reviewed.

4.2.1 Federal Lists

U.S. EPA National Priorities List (NPL) (Run Date: 10/2/95)

The NPL includes those sites determined by the EPA to require priority remedial action, and those sites for which Superfund finances have been allotted.

The subject property and facilities within a one-mile radius of the subject property are not listed.

U.S. EPA Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) List (Run Date: 11/21/96)

The CERCLIS List is a compilation by EPA of the properties or facilities which EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (Superfund Act).

The subject property was not listed. However, there are two facilities within a one-mile radius of the subject property listed. These sites are either cross-gradient or down-gradient of the subject property and are not of concern.

U.S. EPA ERNS List (October 1987 through January 1996)

The ERNS List is a list compiled by EPA of the spills of potentially hazardous substances called in to the Coast Guard and other spill response centers across the U.S. Spill notifications included on this list have not necessarily been confirmed by USEPA.

The subject property and adjoining properties are not listed on the ERNS list.

U.S. EPA Resource Conservation and Recovery Act (RCRA) TSD List (Run Date: 11/21/96)

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities List is a compilation by EPA of reporting facilities that store, transport, treat or dispose of hazardous waste.

The subject property and facilities within a one-mile radius of the subject property are not listed.

U.S. EPA RCRA Generators or Notifiers List (Run Date: 02/28/96)

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities List is a compilation by EPA of reporting facilities that generate hazardous waste.

The subject property and the adjoining properties are not listed.

U.S. EPA Inventory of Open Dumps (Run Date: 6/85)

The Inventory of Open Dumps, provided by RCRA, is an inventory of facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

The subject property and facilities within one mile radius of the subject property are not listed.

4.2.2 State Lists

Washington Department of Ecology Listing of Underground Storage Tanks (USTs) Reported in Washington State (Run Date: 10/10/96)

This listing is a compilation of site names and addresses and tank information for sites with USTs registered with Ecology.

The subject property and adjoining parcels are not listed.

Washington Department of Ecology Leaking Underground Storage Tank (LUST) List (Run Date: 5/96)

The LUST list is a compilation of sites with confirmed leaking underground storage tanks (USTs) that have been reported to Ecology.

The subject property is not listed. There are two facilities within a ½ mile radius of the subject property that are listed. However, both of these sites have no potential of effecting the subject site base on the groundwater gradient.

Washington Department of Ecology Hazardous Waste Investigation and Toxics Cleanup Program - Confirmed and Suspected Contaminated Sites Report (Run Date: 8/20/96)

The Confirmed and Suspected Contaminated Sites Report is a compilation of sites with confirmed or suspected contamination that have been reported to Ecology.

The subject property and facilities within one mile are not listed.

Washington Department of Ecology Hazardous Waste Investigation and Toxics Cleanup Program - Hazardous Sites List (Run Date: 8/20/96)

The Hazardous Sites List (HSL) is a subset of sites listed on the Confirmed and Suspected Contaminated Sites Report. The HSL includes sites which have been assessed and ranked using the Washington Ranking Method (WARM) where 1 = high and 5 = low.

The subject property and facilities within one mile were not listed.

Washington State Active Solid Waste Landfills (Run Date: 11/29/95)

This list is provided by the Washington State Department of Ecology and is a compilation of solid waste facilities currently in operation.

The subject property and facilities within a ½-mile radius of the subject property are not listed.

5.0 Information from Site Reconnaissance

A walk-through of the subject property was conducted to assess current storage and handling practices of hazardous materials and the potential evidence of sources of contamination.

5.1 Storage Tanks

There were no indication of underground storage tanks on the subject property.

5.2 Ponds, Pits, and Lagoons/ Drains and Sumps

There are no ponds, pits, or lagoons on the site. There are no drains or sumps present on the subject site.

5.3 Indications of PCBs

There are no transformers on the site and no visible signs of staining were observed.

5.4 Indications of Solid Waste Disposal

There is some debris adjacent to the northwest and northern side of the site. This included: burned drums, grass clippings, pruned tree branches, ash, carpeting, three empty 5 gallon containers of asphalt roofing, fencing material, back PVC piping, one 60 pound bag of concrete, three empty 5 gallon containers of laundry detergent, metal fence posts, and two clothes line hangers. Photographs are present in Appendix C.

5.5 Hazardous Substances, Containers, and Debris Present on Site

One type of hazardous substance was present along the western boundary of the subject site. The substance is waste oil. The waste oil is contained in two 55 gallon drums. The vegetation surrounding the drums were not stressed. The soil surrounding the drum did not appear to be stained. According to Mr. Paul Page this area is located in the 10 feet of disputed land.

Debris and containers present on the site are addressed above section 5.4.

5.6 Samples

No samples were collected during the Phase I ESA.

5.7 Any Other Conditions of Concern

According to Mr. Jim Zeller, the soil on the site may be contaminated by lead arsenic as a result of past orchard spraying.

5.8 Site Plans

Refer to Figures 1, 2

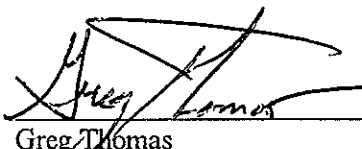
6.0 Conclusions and Recommendations

Based on the information obtained through the review of the above mentioned lists, historical data, and site reconnaissance there are environmental concerns for the subject property.

According to Mr. Jim Zeller, long time resident east of the subject site, indicated that the soil on the site may contain lead arsenic. Mr. Zeller had some soils tested after vegetable failure in a garden. Mr. Zeller indicated that the lead contamination was associated with orchard spraying prior to the 1950's. White Shield recommends either sampling or assuming lead contamination. If lead concentrations are present or lead is assumed present then White Shield recommends that all uncovered soil areas be covered with grass or other vegetation for protection of children.

In the event that the waste oil contained in two 55 gallon drums on the western border of the subject property is considered part of the site White Shield recommends disposal of waste oil at a permitted facility. In addition, soil sampling for waste oil and lead is recommended in the soil beneath the drums to verify if soil has been contaminated.

7.0 Signatures of Environmental Professionals

	
Greg Thomas Geologist	Stuart Fricke President

8.0 Qualifications of Environmental Professionals

Mr. Greg Thomas holds a BS degree in Geology from the University of Washington. He has five years experience in the field of geology with particular emphasis in environmental geoscience projects. His experience includes supervision of UST removals, preparation of environmental assessments, site characterizations, hazardous site remediation, technology development and health & safety regulations.

Mr. Stuart Fricke holds a BA degree in Economics and BA degree in Business Administration from Washington State University. He is a Registered Site Assessor in the State of Washington and a Registered UST Decommission Supervisor and Soil Matrix Cleanup Supervisor in the State of Oregon. See Appendix G for his professional experience and representative project experience.

REFERENCES

Active Solid Waste Facilities in Washington State 1995.

Aerial Photographs from Douglas County Public Works Department, 1949.

Campbell, N.P., 1988, Structural Geology Along The Northwestern Columbia River Basalt Margin, Washington; United States Geology And Earth Resources Open File Report 88-5.

U.S. Environmental Protection Agency, 1996, CERCLIS Lists.

U.S. Environmental Protection Agency, 1996, National Priorities List.

U.S. Environmental Protection Agency, 1996, RCRA List.

U.S. Geological Survey, Wenatchee Quadrangle, Washington, topographic quadrangle, 1966 photorevised 1987 edition, 1:24,000.

Washington Polk's City Directory for Wenatchee and the surrounding area, 1970, 1980, and 1990.

Washington State Department of Ecology, 1996, Hazardous Waste Investigation and Cleanup Program - Confirmed and Suspected Contaminants.

Washington State Department of Ecology, 1996, Listing of Underground Storage Tanks Reported in Washington State.

Washington State Department of Ecology, 1996, Central Regional Office Leaking Underground Storage Tank Sites.

Washington State Department of Ecology, Chelan County Well Log for Section 4, Township 22 North, Range 20 East.

APPENDIX A

Exhibit F

COMMISSION USE ONLY (Do not fill in shaded area)

TC number

Date and time received

**WASHINGTON STATE HOUSING FINANCE COMMISSION
LOW-INCOME HOUSING TAX CREDIT PROGRAM
APPLICATION**

Refer to the Low-Income Housing Tax Credit Program 1996 Application Package and the *Program Guidelines* for additional information. Capitalized terms in the Application have the meaning given them in the definitions noted in the Glossary section of the *Program Guidelines*.

PROJECT NAME: North River Apartments**I. APPLICANT INFORMATION**Legal Name of Applicant: North River Apartments, Limited PartnershipStreet: 6509 Lakewood Drive WestCity: TacomaState: WAZip Code: 98467Phone: 206-473-4480FAX: 206-472-5462Contact Person for Legal Notices*: David CantuStreet: 610 Hoge Building, 705 Second AvenueCity: SeattleState: WAZip Code: 98104Phone: 206-625-1630FAX: 206-625-1627Contact Person for Project*: Stephen W. PageStreet: 6509 Lakewood Drive WestCity: TacomaState: WAZip Code: 98467Phone: 206-473-4480FAX: 206-472-5462Applicant's federal taxpayer identification number: 91-1721628

See Checklist Item 3

*List only one name for each contact person.

6

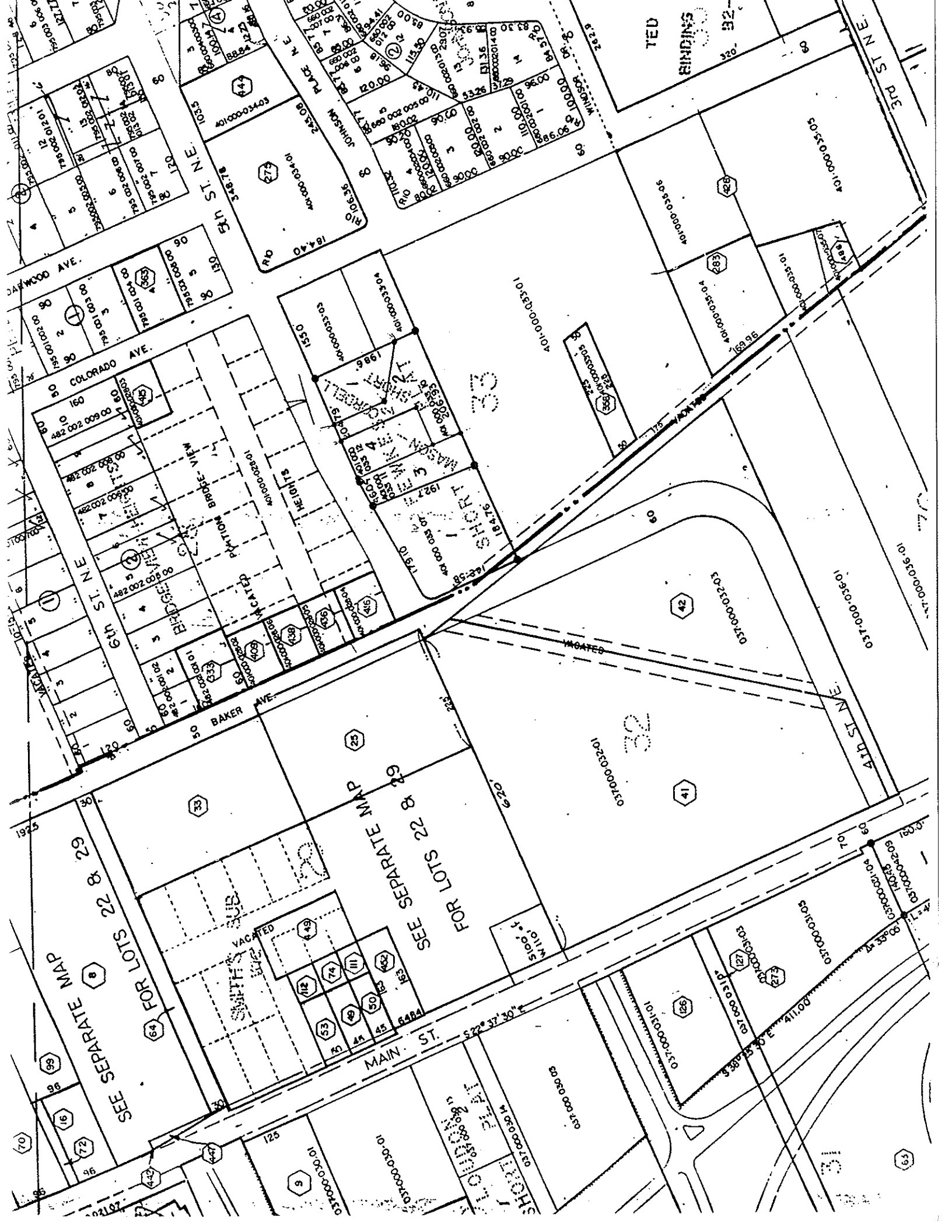
D55798

EXHIBIT A

In The County of Douglas, State of Washington

The East 235 feet of the West 335 feet of the South 330.5 feet of Lot 28, East Wenatchee Land Company's Plat of Section 11 and part of Section 2, Township 22 North, Range 20, E.W.M., Douglas County, Washington, EXCEPT that part deeded for 5th Street NE to Douglas County recorded May 11, 1965, under Auditor's No. 142924.

7



APPENDIX B

File Original and First Copy with
Department of Ecology
Second Copy—Owner's Copy
Third Copy—Driller's Copy

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. 31637

Water Right Permit No. _____

(1) OWNER: Name CHELAN CO. PUD #1 of Wenatchee Address PO BOX 1231 Wenatchee WA 98801(2) LOCATION OF WELL: County CHELAN NE 1/4 SE 1/4 Sec 4 T. 22 N., R. 20 W.M.(2a) STREET ADDRESS OF WELL (or nearest address): 5th & Miller St. Substation(3) PROPOSED USE: ☐ Domestic ☐ Industrial ☐ Municipal ☐
☐ Irrigation ☐ Test Well ☒ Other Groundwater
☐ DeWater(4) TYPE OF WORK: Owner's number of well (if more than one) 2Abandoned ☐ New well ☒ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☐ Driven ☐
Reconditioned ☐ Rotary ☒ Jetted ☐(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 131 feet. Depth of completed well 131 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6 Diam. from +1 1/2 ft. to 131 ft.
Welded ☒ Diam. from _____ ft. to _____ ft.
Liner installed ☒ Diam. from _____ ft. to _____ ft.
Threaded ☐ Diam. from _____ ft. to _____ ft.Perforations: Yes ☐ No ☒

Type of perforator used _____

SIZE of perforations _____ in. by _____ in.

_____ perforations from _____ ft. to _____ ft.

_____ perforations from _____ ft. to _____ ft.

_____ perforations from _____ ft. to _____ ft.

Screens: Yes ☐ No ☒

Manufacturer's Name _____

Type _____ Model No. _____

Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel packed: Yes ☐ No ☒ Size of gravel _____

Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes ☒ No ☐ To what depth? 20 ft.Material used in seal RENTITEDid any strata contain unusable water? Yes ☐ No ☒

Type of water? _____ Depth of strata _____

Method of sealing strata off _____

(7) PUMP: Manufacturer's Name _____

Type: _____ H.P. _____

(8) WATER LEVELS: Land-surface elevation above mean sea level _____ ft.

Static level 110 1/2 ft. below top of well Date 6-12-89

Artesian pressure _____ lbs. per square inch Date _____

Artesian water is controlled by _____ (Cap, valve, etc.)

(9) WELL TESTS: Drawdown in amount water level is lowered below static level

Was a pump test made? Yes ☐ No ☒ If yes, by whom? _____

Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.

" " " " " "

" " " " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time Water Level Time Water Level Time Water Level

Date of test _____

Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.

Artest 9 gal./min. with stem set at 130 ft. for 14 hrs.

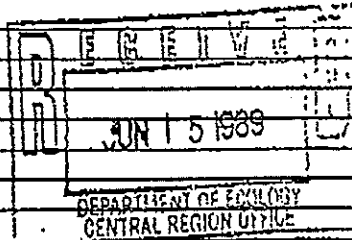
Artesian flow _____ g.p.m. Date _____

Temperature of water _____ Was a chemical analysis made? Yes ☐ No ☒

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

MATERIAL	FROM	TO
LOAMY BROWN SAND	0	8
GRAVEL, ROCKS, CLAY	8	25
LOOSE GRAVEL	25	74
HARD PACKED GRAVEL + COBBLES	74	83
GRAVEL, BROWN CLAY + SAND	83	93
LOOSE GRAVEL + SAND	93	119
SAND + GRAVEL WB	119	130
GRAVEL + SAND WB	130	131

Work started 6-12, 19 89. Completed 6-12, 19 89

WELL CONSTRUCTOR CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME TUMWATER DRILLING INC.
(PERSON, FIRM, OR CORPORATION) (TYPE OR PART)Address LEAVENWORTH, WASH.(Signed) Butt License No. 1249
(WELL DRILLER)Contractor's Registration No. TUMWATER 1330C Date 6-13, 19 89

(USE ADDITIONAL SHEETS IF NECESSARY)

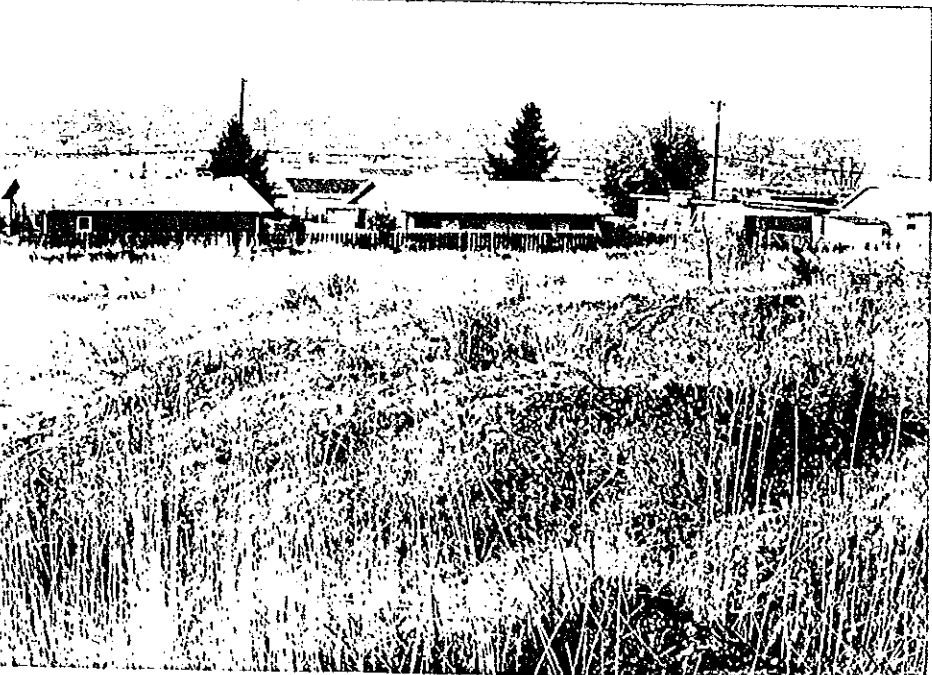
APPENDIX C



Photograph 1: Photograph of the northern portion of the subject property. Photograph was taken from the eastern boundary facing west. The fence in the background is possibly 10 feet beyond the western boundary.



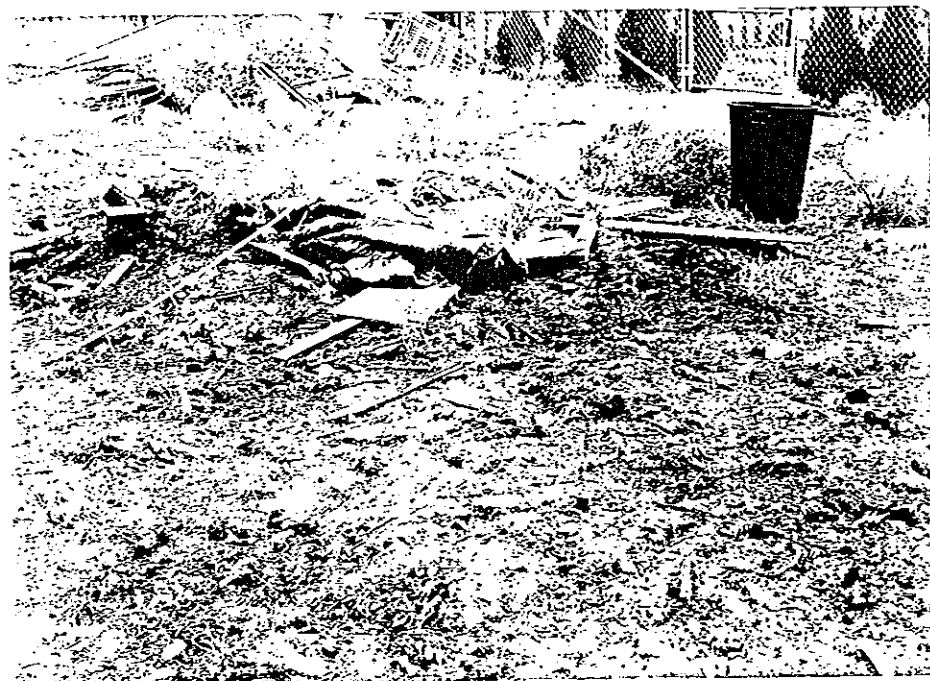
Photograph 2: Photograph of the southern portion of the subject property. Photograph was taken from the eastern boundary facing west. The fence in the background is possibly 10 feet beyond the western boundary.



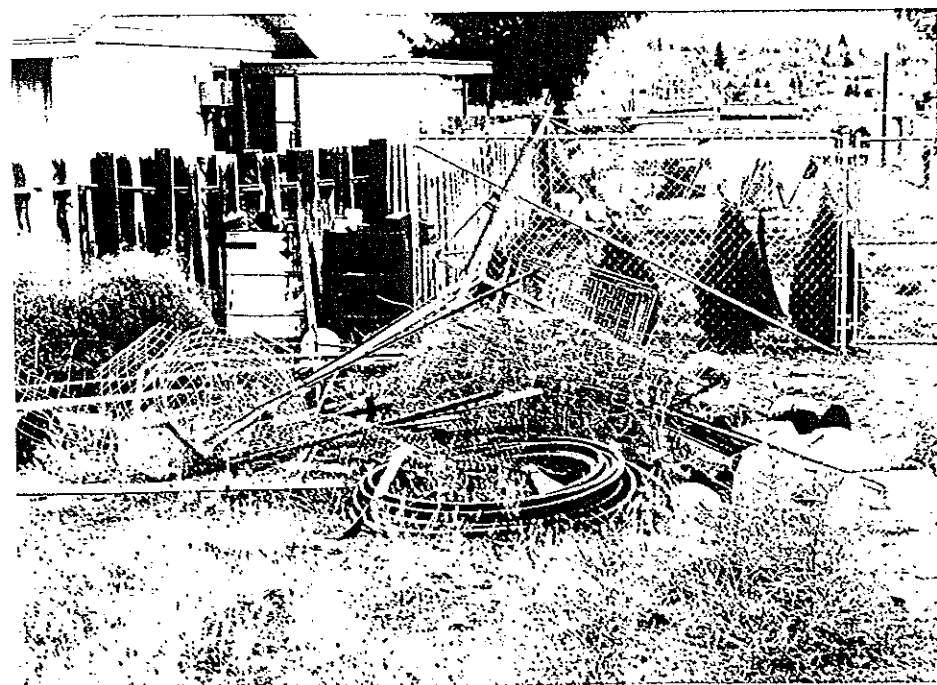
Photograph 3: Photograph of mounds on the eastern boundary of the subject site.



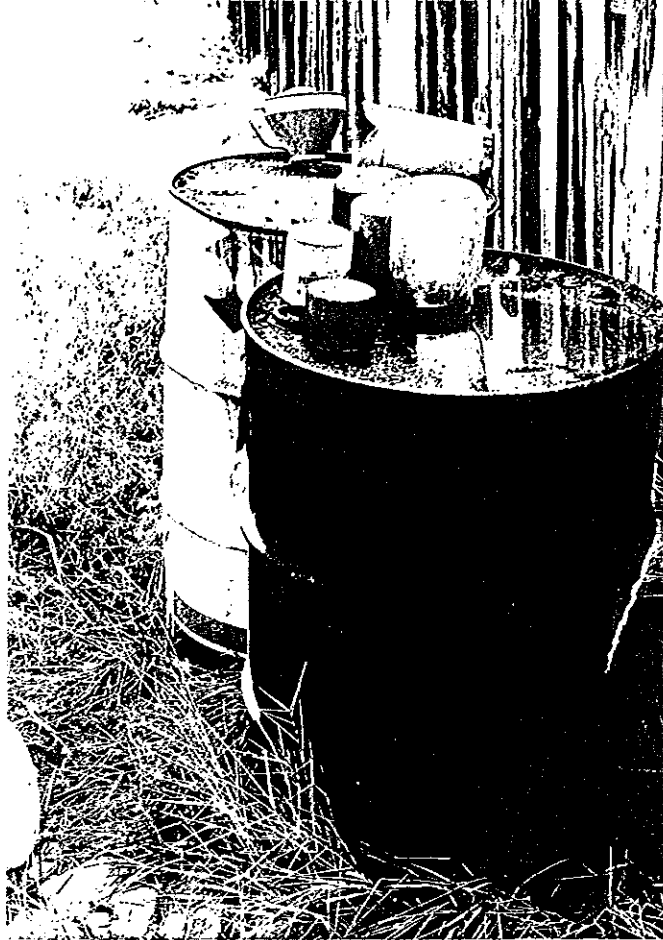
Photograph 4: Debris pile on the northern edge of the subject. Debris included a 55 gallon burn drum, grass clippings, tree branches, and ash.



Photograph 5: Debris in the northwest corner of the subject property. Debris included in this area is described in Section 3.3.



Photograph 6: Debris approximately 20' feet south of photograph 5. Debris included in this area is described in Section 3.3.



Photograph 7: Waste oil contained in two 55 gallon drums located in northwest corner of the subject property.



Photograph 8: Photograph along the western boundary of the subject property.

APPENDIX D

11/14/96

North

Lot 1

According to LeRoy Bellens neighbor since 1960
the lot has not been developed.

Pit with debris on the eastern portion of the
parcel debris includes mattresses

Northern portion of parcel debris. Debris includes
burned drums and grass clippings & pruned tree branches

More debris in the Northwest corner, debris
includes wood, grass clippings (3) burn drums, burn
Area of Ash, carpeting, 3 empty 5 gallon containers
of Asphalt roofing, fencing material, black pvc piping
1 bag of concrete, 3 empty 5 gallon containers of
laundry detergent, metal fence post, 2 clothes line hanger
2 55 gallon drums of waste oil.

Vegetation is not stress, visible surface soil
sturning is present

BRIDGEVIEW HEIGHTS

(660.0')
599.93'
N 67°13'00" E

RADO AVE

S 22°42'57" E 660.16' (660.5')

EAST LINE E.W.L.C. LOT 28

NORTH LINE OF SOUTH
330.50' OF LOT 28

EAST LINE OF
ADJOINER DEEDS

LOT 1
1.52 acres

10.00' DEED
OVERLAP
SEE NOTE 2

LOT 2
1.50 acres

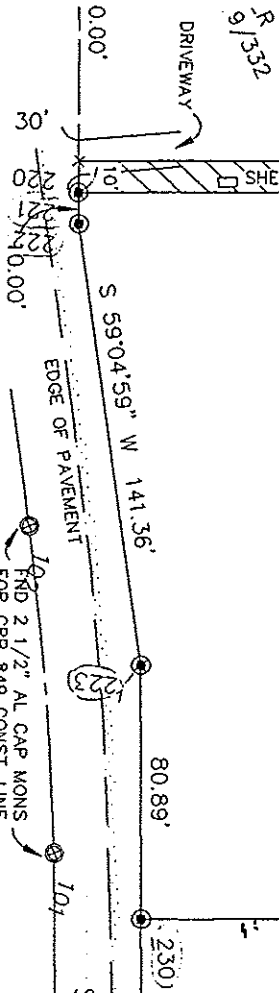
RIGHT OF WAY DETERMINED
FROM DEED REC. AFN 142924

5TH STREET N.E.

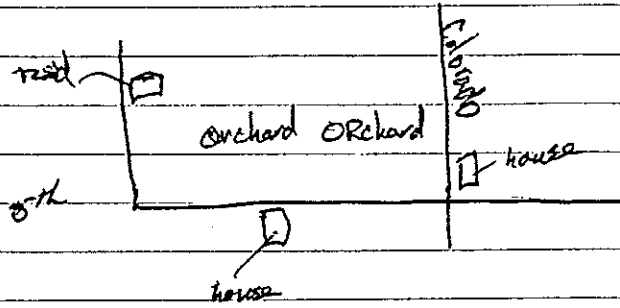
ADDITIONAL R/W
GRANTED HEREBY

E.W.L.C. LOT 28 S 67°13'00" W 659.91' (660.0')

MASON-CORDELL



49' AAG-IF-05



T 22 R 20 Sect 11 SE

APPENDIX E

RS INC.

(800) Phone 662-6411



WENATCHEE

33 Driver Raymond F ©
NO2-6437
PERSHING ST INTERSECTS
10 Gettman John H ©
NO3-5313
30 Larson Thos T © NO2-8701
33 Carlson John E ©
NO3-5878
OPLAR AV INTERSECTS
6 Fife Kenneth A ©
NO3-3491
6 Reeves Juanita Mrs
2 West Fifth Market gro
NO2-6362
H & H Body Shop 663-5713

14

WESTERN AV
INTERSECTS
6 Murren Virgil E ©
NO2-8407
5 Weythman Vernet E ©
NO3-4770
3 Wilson C Gerald ©
NO3-8081
2 Hallenberger Albert J ©
662-7085
5 Grable Lawrence L ©
NO3-6980
5 Cooper Ralph R ©
663-6938
3 Blum Walsh H ©
NO3-3058
2 Osborne John H ©
NO3-4323
Rhodes Paul D ©
NO2-6024
Durrett Roy A © NO3-6422
Nelson Murray ©
NO2-6349
a Burns Harold E ©
NO2-6641
Wise Gale P © NO3-3324
Farnsworth Charles H ©
NO2-8297
a Eighthme Harry © 662-2237
Day Martin R ©
Hoffman Geo E © 663-7946
Weaver Charles W ©
NO3-4598
Phillippi Effie Mrs ©
NO2-7390
Vacant
Erickson Larry E ©
NO3-5061
Batliner Elmer NO3-6804
Clift P Eug © NO3-4721
Murray Wm O © 663-7653
Richman Blanche A Mrs ©
NO3-5294

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13

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2301 Taplett Ervin B ©
NO3-8016
2304 Yonan Yousif A ©
NO3-5265
2308 Martin Ray B 662-6002
2314 Prior Roger G © NO3-8045
2318 Mc Rae Leo W
2319 Roberts Geo E NO2-2667
2322 Smith Robt E © NO3-6976
2324 Westby E O Bud NO3-4130

22

5TH ST NE (EAST
WENATCHEE)—FROM N
MAIN ST WEST

ZIP CODE 98801
234 Fewkes Herman ©
TU4-7259
245 Dean Cecil R © TU4-5729
310 Church Of God

23

IOWA AV INTERSECTS
1104 Cunningham Joe G ©
TU4-4037
1110 Roper Robt L TU4-7267
N JAMES AV INTERSECTS
1235 Segle Dale C © TU4-5353
1245 Shell Mabel Mrs ©
TU4-7417
1247 Shaw Quimby P ©
N JOSEPH AV INTERSECTS
1301 Brisbins James ©
TU4-8103
1309 Pray Leslie © TU4-4436
1311 White Marion Jr ©
TU4-4912
1315 Gault Richd L © TU4-4810
1317 Bruggman Geo J ©
TU4-4850
N JUNE AV INTERSECTS
1424 Hoffman David P ©
TU4-8394
1430 Loken Lawrance S ©
TU4-5677
1432 Willms Arnold L ©
TU4-4239
N KANSAS AV INTERSECTS
1520 Gordon Dan © TU4-5623
1525 Schall Nick A © 884-4496
N KELLAR AV INTERSECTS
N KENT TER INTERSECTS
N KENTUCKY AV
INTERSECTS
1786 Gardner Vos Burg ©
TU4-7698
1790 Wallace Clyde E ©
TU4-4687

1802 Smith Ronald E ©
TU4-7721
1804 Smith Gordon P ©
TU4-5163
2031 Saint John Donald E ©
TU4-5117
2125 Shinn Hugh B © TU4-4441
2265 No Return
bx5076 Riley Norman Claude ©
TU4-4422
bx5077 Lytle G B TU4-4269

23

6TH PLACE NE (EAST
WENATCHEE)—FROM 600
N JAMES AV EAST

ZIP CODE 98801
1234 Falkenberg Gerald ©
TU4-4032
1235 Gensinger Gerald W ©
TU4-5990
1245 Downs Duane © TU4-4089
1250 Boechler Otto M 884-4862
1289 Hammans Benj G ©
TU4-5579
1290 Tessman Roger L ©
TU4-4286
N JENIFER LANE
INTERSECTS
1300 Taylor Glenn © TU4-5952
1310 Waller Richd L ©
TU4-5521
N JEROME LANE
INTERSECTS
1311 Gallaher Herm C ©
TU4-4404
1312 Kelly Richd J
1314 Mac Kenzie Barbara L Mrs
© TU4-4705
1315 Johnston Delmer J ©
TU4-4904
1316 Jean's Beauty Shop
TU4-7292
Moore Jean Mrs ©
TU4-7292

13

6TH ST —FROM 622 N
MILLER ST WEST

ZIP CODE 98801
1106 Young Charles W ©
NO3-4247

22

6TH ST NORTHEAST (EAST
WENATCHEE)—FROM 600
N BAKER AV EAST

ZIP CODE 98801

112 North Mission St., Wenatchee 98801

JOAN CLARK - Broker

Joan Clark
REALTOR



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N. E. Corner N. E. 10th Street East Wenatchee (98801)

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FAMILY PLOTS-MEMORIALS-URN GARDEN
PHONE TURNER 4-4651



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ROBERT E. BLANC, OWNER/MANAGER

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AFTER HOURS 662-1274

330 KING ST.

WENATCHEE, WA. 98801

13

5TH ST—Contd

1705 Smith Maurice M ©
663-7047

1709★Marker James D 663-2433

1715 Frack Larry P © 662-6084

1716 Fife Kenneth A © 663-3491

1721 Connolly Herbert N ©
663-1061

1725 Larson Gary L © 662-2073

1726★Hayes Pam L

1732 Western Market 662-6362

14

N WESTERN AV INTERSECTS

1806 Murren Virgil E © 662-8407

1808 Bolyard Gordon W ©
663-2249

MARILYN AV INTERSECTS

1810 Weaver Charles © 663-4598

1812 Galey Kenneth G ©

1815 Vacant

1816 Hastings David A ©
662-1221

1818 Cooper Ralph R © 663-6938

1819 Moser Charles H © 663-2066

MARIE AV INTERSECTS

1820 Blum Walsh H © 663-3058

1820a Brown Darrell M ©
663-4492

1822 Osborne John H © 663-4323

1903 Rhodes Paul D © 662-6024

1904 Wright Jim A 663-6751

1906 Matthews Dennis P ©
663-1462

1906a Burns Harold E © 662-6641

1907 Wise Lydia B Mrs ©
663-3324

1910 Farnsworth Charles H ©
662-8297

1910a Eighth Harry E 662-2237

CANAL BLVD INTERSECTS

1918 Pugh Paul K © 662-2849

1919 Edmonson Larry R ©
662-2207

Under Constn

Smith Jack A © 662-8439

1920 Finley Saml G © 663-6002

1921 Turner R

N WOODWARD DR

INTERSECTS

2011 Phillippi Orchards

Warehouse fruit stge
662-7390

Phillippi Eppie Mrs ©
662-7390

2100 Erickson Larry E ©
663-5061

2103 Scott James © 662-7388

2104 Clift Eug P © 663-4721

JENNINGS AV INTERSECTS

2203 Holloman Joe W

2205 Richman Blanche A Mrs ©
663-5294

SURRY RD INTERSECTS

2301 Taplett Ervin B © 663-8016

2304 Yonan Yousif A ©

2308 No Return

WEST KNOLL AV

INTERSECTS

2314 Kuhlman Roger L ©

2318 Schott David R © 662-7493

2321 Craig Murray J © 663-5246

2322 Smith Robt E © 663-6976

CANYON RD NO 1

INTERSECTS

2324 Westby Eug O © 663-4130

22

5TH ST NE (EAST

WENATCHEE)—FROM 511 N

BAKER AV WEST

ZIP CODE 98801

234 Fewkes Herman C ©
884-7259

245 Dean Virginia Mrs ©
884-5729

302 Four Paws Grooming 884-2262
Montoya Richd © 884-2262

306 No Return

310 Church Of God Full Gospel
884-6163

350 Evergreen Apartments The

1 No Return

2 Hughes Glen W

3 Brown Estelle B 884-6122

4★Sanborn Donald L 884-5321

5★Largent Carlene E 884-1325

6★Mc Gowan Robt

7 Ferguson Bruce

8★Lanai Keo

9 Peaslee Gary S 884-8565

10★Racus Jerry

11★Welsch Kline R

12★Skibitski Stewart

13 Harpeter Ruby 884-7846

14 Ellison Robt

15★Cronan Steven M 884-0843

16★Brammor Steven

17★Thorn Larry

18★Walker Richmond

21 S. Chelan Avenue

PHONE 662-2119

P.O. Box 2307

Wenatchee 98801



JONES & JONES FUNERAL DIRECTORS, INC.



st Wenatchee

8357

253

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9299

4155

662-7958

63-5619

662-5741

3-7829

662-5447

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-8602

662-0438

662-1651

cers 662-1651

917

-4448

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11

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1345 Michel Furniture Clinic repr & refnshg
663-6130

1355★Eardley Trask • 662-2415

N ELLIOTT AV INTERSECTS

1403 Guenther Helmet •

1409 Watson Raymond G • 662-8573

1417 Stockwell Geo B • 663-1035

1421 Stockwell John A • 662-3415

1425 Martin Kenneth • 662-7535

1501 Gentz

1519 Lutz Donna • 663-0619

1525 Melcher Albert R • 662-7439

1529 Foland Dorothy • 662-1256

1601 Free Methodist Church 662-1502

Free Methodist Church (Ofc) 662-1502

PERSHING ST INTERSECTS

1606 Cox Lillian C • 663-4565

1610 Gettmann Floyd E • 662-5502

1630 Rutherford Wm W • 662-8840

POPLAR ROW INTERSECTS

1700 Chelan County P U D (Sub Sta)

1701 Key Francis S • 663-3732

1705 Smith Maurice M • 663-7047

1709 Humiston Harlan Rev 662-6479

1715 Vacant

1716 Fife Kenneth A • 663-3491

1720 Office Building

Suites

A Physical Attractions (Addl Sp)
663-4377

B Physical Attraction tanning toning &
weight loss 663-4377

C Woven Business Services software
payroll comp serv 662-6293

D Galaxy Comics new used & rare book
dlr 663-4330

E Reene's Collectibles baseball cards
663-3821

F Vacant

G Vacant

H Merle's Barber Shop 662-8691

I Farmers Insurance Group 663-0534

1721 Whitehall Duane R 662-1311

1725 Larson Gary L • 662-2073

1732 Western Market 662-6362

14

N WESTERN AV INTERSECTS

1806 Murren Virgil E • 662-8407

1807 Raymond Griffith F • 662-7756

1808 Bolyard Gordon W • 663-2249

MARILYN AV INTERSECTS

1810★Switzer Robin •

1812 Crosslyn Sherry L Mrs • 663-0451

1815 No Return

1816 Long Donna • 663-7931

1818 Back Jas L • 662-5093

1819 Moser Charles H • 663-2066

MARIE AV INTERSECTS

1820 Blum Edith J • 663-3058

1820a Brown Wendy L • 663-4492

1822 Osborne John H • 663-4323

1903 Rhodes Paul D • 662-6024

1904 Vickery Ronald 662-0348

1906 Matthews Dennis P • 663-1462

1906a Massey James 662-6641

1907 Wise Gale P • 663-3324

1910 Farnsworth Charles H • 662-8297

1910a Eighme Adelle M Mrs 662-2237

CANAL BLVD INTERSECTS

1918 Pugh Paul K • 662-2849

1919-1 Ferguson Virgil 663-5140

1919-2 Larson David S 663-3031

1919-3★Scheumann Stanley 662-7549

1919-4 Smith Jack A 662-8439

1920 Finley Saml G • 662-8730

1921 Phillippi Fruit Co 662-8522

1925 Collins Cindy K •

N WOODWARD DR INTERSECTS

2009 Phillippi Fruit Co (Whse) 662-8522

2011 Phillippi Effie Mrs • 662-7390

2036 Lindahl Judith A • 663-8848

2100 Erickson Larry E • 663-5061

2103 Vacant

2104 Clift Eug P • 663-4721

JENNINGS AV INTERSECTS

2203 Wysong Arilla M Mrs • 662-0779

2205 Cummins Debbie J

SURRY RD INTERSECTS

2301 Taplett E B • 663-8016

2304 Brunner Julie K • 663-3561

2308 Borst Robt • 662-8404

WEST KNOLL AV INTERSECTS

2314 Kuhlman Roger L •

2318 Vacant

2319 No Return

2321 Allan Timothy A

2322 Smith Robt E • 663-6976

2328 Thompson Cecil • 663-4516

CANYON RD NO 1 INTERSECTS

2324 Pipkin A L Construction excavating &
grading contrs 663-0496

Pipkin A L • 663-0496

CANYON ROAD NO 1 INTERSECTS

22

5TH ST NE (EAST WENATCHEE)
FROM 511 N BAKER AV EAST

ZIP CODE 98802

245 Dean A Virginia 884-5729

250 Forde Esther Mrs • 884-7774

252 Vacant

254 Herd Dallas S 884-2944

256 Jones Norma J Mrs • 884-6774

N COLORADO INTERSECTS

N DARWOOD AV INTERSECTS

302 Morrow Rick 884-1522

306 Alto June • 884-1649

310 Church Of God New Life Center

884-6163

350 Evergreen Apartments The

1 Judd Terri L 884-5847

2★Nash Gertrude 884-6658

3 Hillman Martha E



920 N. Chelan Avenue (98801)

GRANITE AND BRONZE MEMORIALS
PET MEMORIALS

M & E MEMORIAL MARKERS

PHONE 662-6469

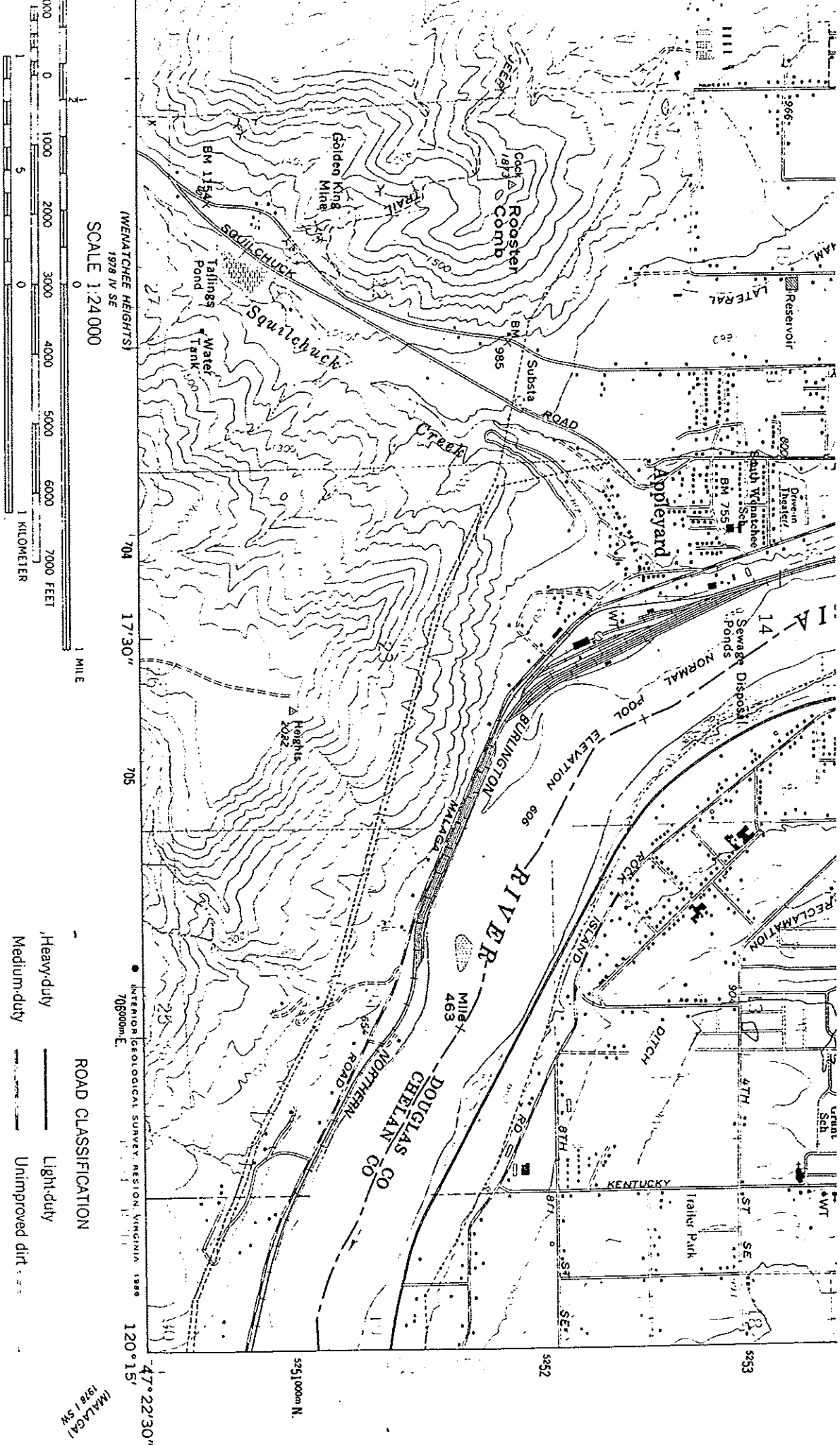
Closed Saturday - Open Evenings and Sunday By Appointment

Designed and Made In Wenatchee

TOWN TOYOTA

812 N. WENATCHEE AV.

TEL. 663-8800



CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC DATUM OF 1929

SCALE 1:24 000

(WENATCHEE HEIGHTS)
1978 IV SE

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY

DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

ORDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

ROAD CLASSIFICATION

Heavy-duty ——— Light-duty ———

Medium-duty ——— Unimproved dirt ———

U.S. Route ——— State Route ———

WENATCHEE, WASH

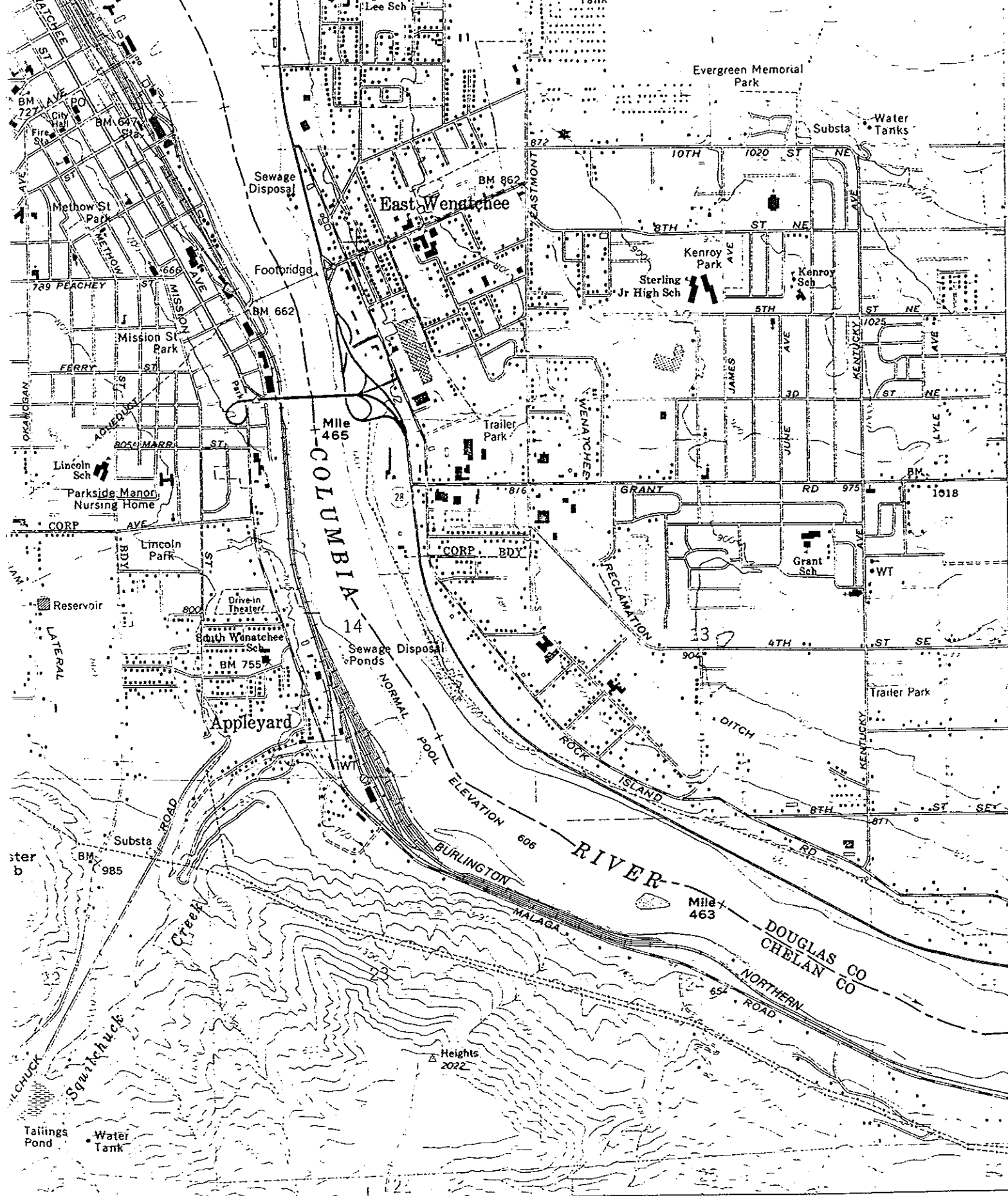
47120-D3-TF-024

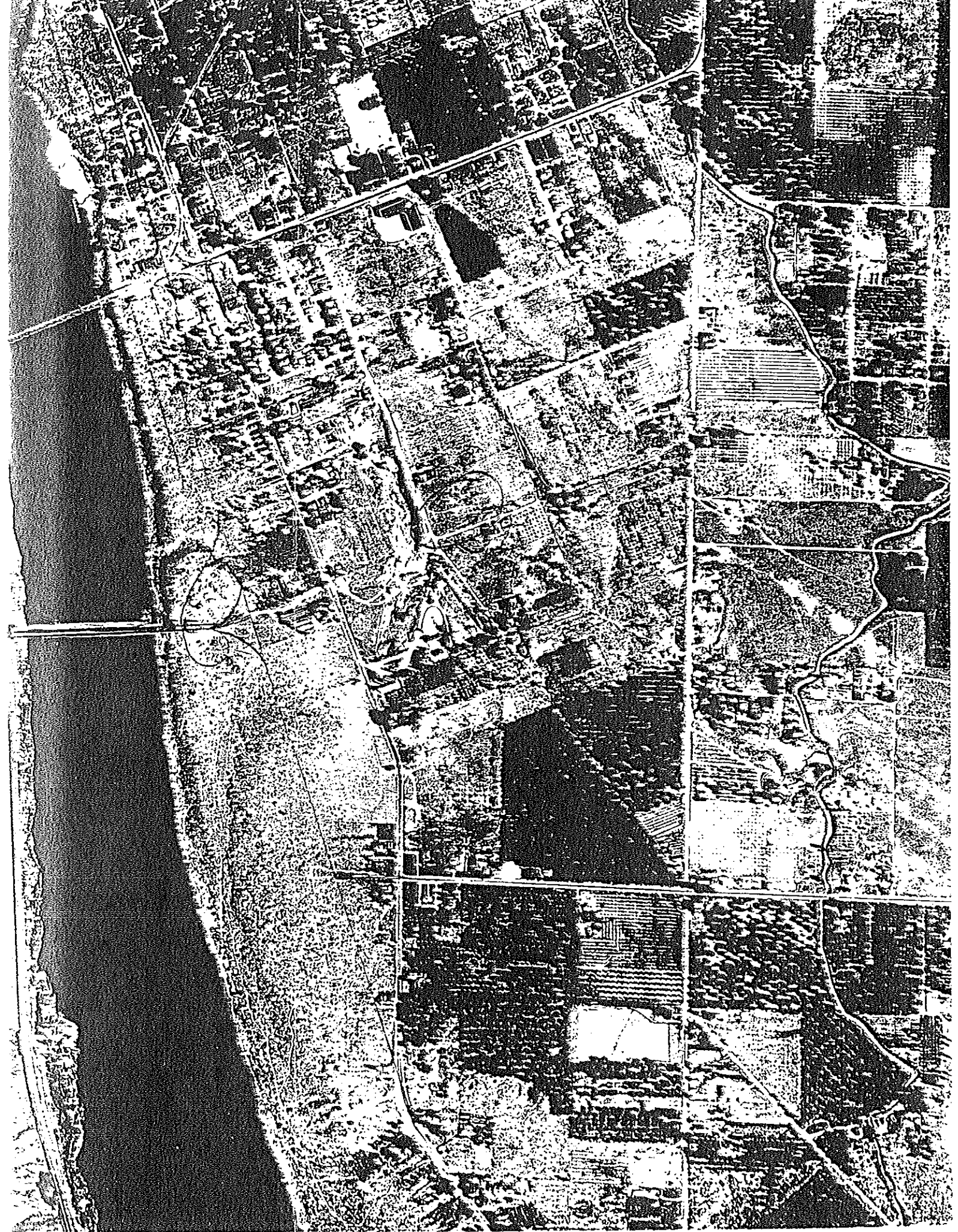
1966

PHOTOREVISED 1987

DMA 1978 IV NE-SERIES V891

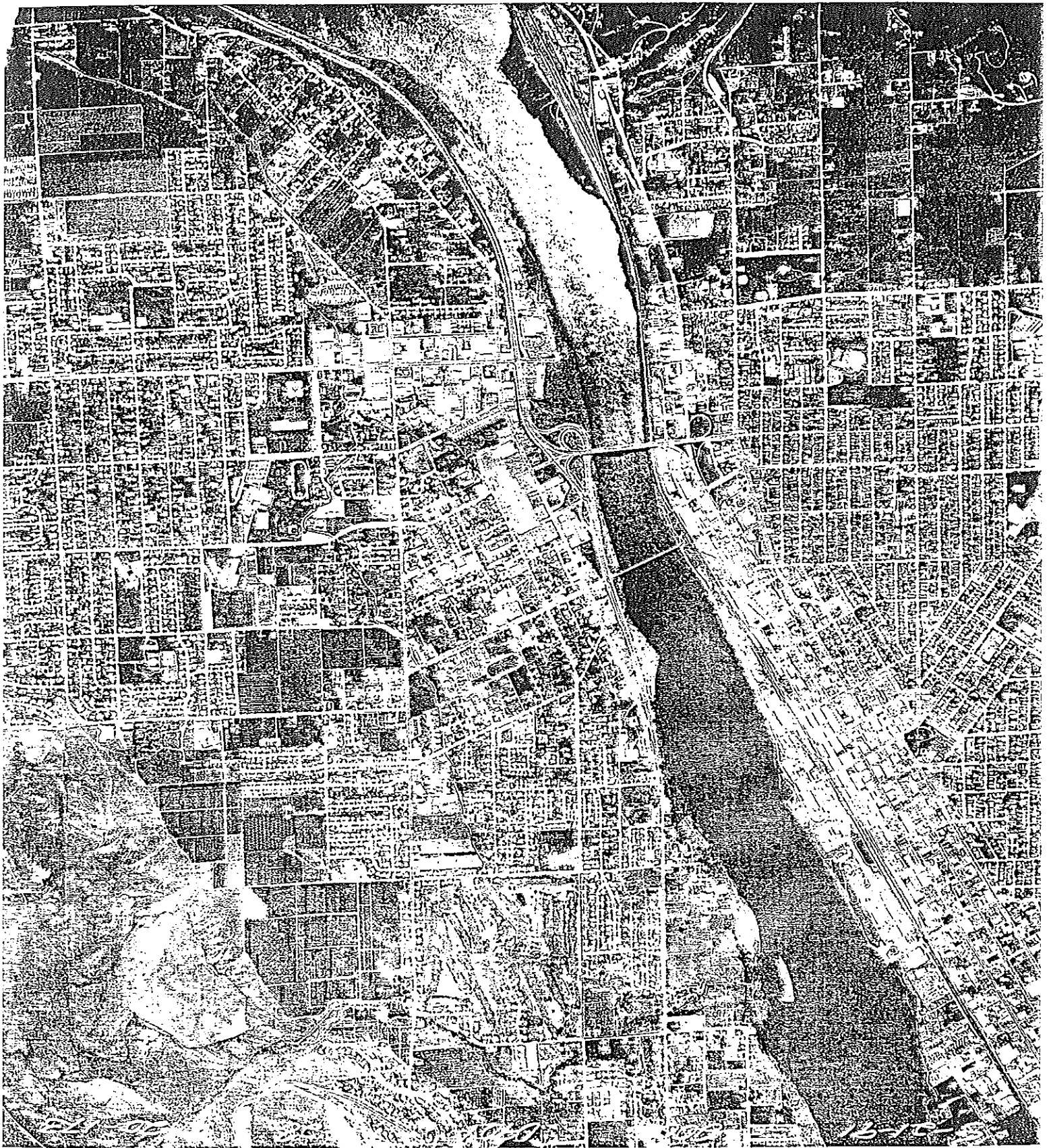
Revisions shown in purple and woodland
compiled from aerial photographs taken 1983
and other source data. Partial field check
by U.S. Forest Service Map edited 1987





7-30-54





APPENDIX F

Vaughn Bay Construction

East Wenatchee Site

Lat: 47 24 15 Long: 120 17 24

This computer representation has been compiled by the Environmental Protection Agency (EPA) from sources which have supplied data or information that has not been verified by the EPA. This data is offered here as a general representation only, and is not to be used for commercial purposes without verification by an independent professional qualified to verify such data or information. The EPA does not guarantee the accuracy, completeness, or timeliness of the information shown, and shall not be liable for any loss or injury resulting from reliance upon the information shown.

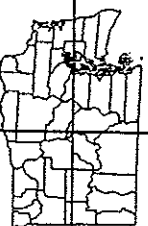
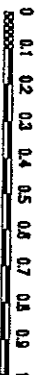
LEGEND

- ☒ CERCLIS NPL Site ☐ Public Surface Water
- ☒ CERCLIS NPL Site (Proposed) ☐ Supply Intake
- ☒ CERCLIS Deleted From NPL Final Site ☐ National Park/Recreation Area
- ☒ CERCLIS Part of NPL Final Site ☐ Wetlands / Washington Area (National Wetland Inventory)
- ☒ CERCLIS Non-NPL Site ☐ Stream - Not Classified
- ☒ Many located by Appendix ☐ Stream - Low Value For Resident Fish Area
- ☒ Archived from CERCLIS ☐ Stream - Moderate Value For Resident Fish Area
- ☒ RCRA TSD Site ☐ Stream - Outstanding Value For Resident Fish Area
- ☒ Title 3 TTI Site ☐ Stream - Outstanding Value For Resident Fish Area
- ☒ NPODES Facility Site ☐ Stream - Critical Species or Sensitive Area
- ☒ NPODES Discharge Pipe ☐ Stream - Anadromous Fish Presence
- ☒ Public Ground Water Supply Well ☐ Distance Rude's Ridge

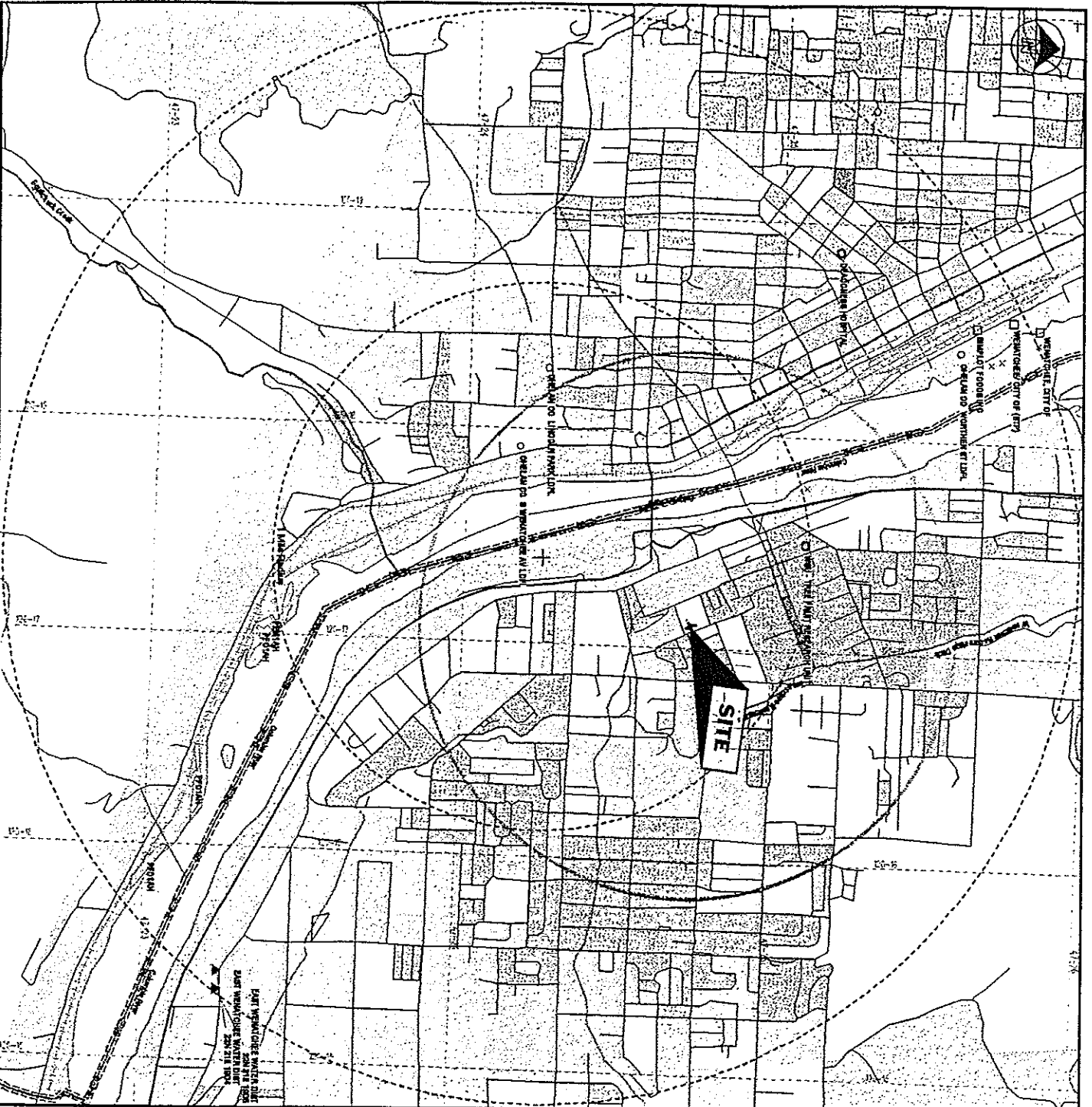
1990 Population Density Per Sq Mi

- ☐ Under 10 ☐ 3,000 - 6,000
- ☐ 10 - 100 ☐ 6,000 - 10,000
- ☐ 100 - 1,000 ☐ 10,000 - 20,000
- ☐ 1,000 - 3,000 ☐ Over 20,000

Albers Projection



EPA Region 10 - Seattle
Geographic Information Team
Produced November 21, 1990
By Seattle Reg 11121 (02/05)



=====
Title : Vaughn Bay Construction
Sub-Title: East Wenatchee Site

Zip Code: 98802 (WENATCHEE)
DOUGLAS County, WA.

Location in Lat/Long: 47 24 15 120 17 24 (DMS)

UTM Coordinates: X= 704470 Y= 5253421 (Meters UTM Zone 10)
Region 10 Albers: X= -172822 Y= 630820 (Meters)

Notes:

Read Notes on accuracy and extent of all GIS database coverages!!!

Note Version Id on top line as we are continuously upgrading data layers, quality, and calculation methods for this report and associated graphics.

Disclaimer:

This computer representation has been compiled by the Environmental Protection Agency (EPA) from sources which have supplied data or information that has not been verified by the EPA. This data is offered here as a general representation only, and is not to be used for commercial purposes without verification by an independent professional qualified to verify such data or information. The EPA does not guarantee the accuracy, completeness, or timeliness of the information shown, and shall not be liable for any loss or injury resulting from reliance upon the information shown.

Options in effect for this request:

Analysis Radius: 2 Miles
Special Keywords:

Summary Text Report Options:

- Yes - General EPA Regulated Facilities Section
 - Optional detailed facility and discharge sections from Envirofacts:
 - No - NPDES facility and discharge info from the Envirofacts/PCS link.
 - n/a - TRI facility and discharge info from the Envirofacts/TRIS link.
 - n/a - CERCLIS facility info from the Envirofacts/CERCLIS link.
 - n/a - RCRIS facility info from the Envirofacts/RCRIS link.
- Yes - Census Population Section
- Yes - Public Water Supply/Aquifer Section
- Yes - Sensitive Environments/Habitats Section

Map Display Data Options:

Map Background (one of following per map):

- Yes - Population Densities
- No - Pct People of Color
- No - Pct Persons Living Below Poverty
- No - Land Ownership

Overlay Data (all combinations available):

- Yes - Roads/Railroads
- Yes - Streams/Lakes

Yes - Wetlands
Yes - National Parks/Recreation Areas
Yes - EPA CERCLIS (Superfund) Facilities
Yes - EPA RCRA (Hazardous Waste Treatment, Storage, Disposal) Facilities
Yes - EPA NPDES (Permitted dischargers to waterways) Facilities
Yes - EPA TRI (Toxic Release Inventory) Facilities
Yes - Public Groundwater Supplies
Yes - Public Surface Water Supplies
Yes - Streams marked with Fisheries/Habitat Values - WA. only
Yes - Latitude/Longitude Grid (1 minute cells)

*** End of Notes ***

□

** EPA Regulated Site / Management Information **

Indian Nation Information

=====

Site apparently not located within 1 mile any Indian Nation areas.

Air Non-Attainment Area Information

=====

Site apparently not located in any air non-attainment areas.

EPA Facility Databases Information

=====

Distance Range From 0 to 1 mile(s):

CERCLA: 3 sites in distance 0 to 1 mile(s):

Rec#1141	Fac ID:WAD980638951	Lat/Long: 47 24 10.0	120 17 55.0
Name: CHELAN CO S WENATCHEE AV LDFL			
NPL Status: N Archived From CERCLIS: X			
Rec#1150	Fac ID:WAD980639074	Lat/Long: 47 24 15.0	120 18 17.0
Name: CHELAN CO LINCOLN PARK LDFL			
NPL Status: N Archived From CERCLIS: X			
Rec#1282	Fac ID:WAD980833156	Lat/Long: 47 25 06.0	120 17 30.0
Name: WSU - TREE FRUIT RESEARCH UNIT			
NPL Status: N Archived From CERCLIS:			

RCRA TSD: 0 sites in distance 0 to 1 mile(s):

Toxic Release Inventory (TRI): 0 sites in distance 0 to 1 mile(s):

NPDES (Mostly Majors): 0 sites in distance 0 to 1 mile(s):

Distance Range From 1 to 2 mile(s):

CERCLA: 2 sites in distance 1 to 2 mile(s):

Rec#1185	Fac ID:WAD980639678	Lat/Long: 47 25 35.0	120 18 25.0
Name: CHELAN CO WORTHEN ST LDFL			
NPL Status: N Archived From CERCLIS: X			
Rec#1446	Fac ID:WAD988515912	Lat/Long: 47 25 11.0	120 18 52.0
Name: DEACONESS HOSPITAL			
NPL Status: N Archived From CERCLIS:			

RCRA TSD: 0 sites in distance 1 to 2 mile(s):

Toxic Release Inventory (TRI): 0 sites in distance 1 to 2 mile(s):

NPDES (Mostly Majors): 2 sites in distance 1 to 2 mile(s):

Rec# 496 Fac ID:WA0022756 Lat/Long: 47 25 45 120 18 34

Name: WENATCHEE/ CITY OF (STP)

Plant: City:

Major: Permit Expires:

Rec# 509 Fac ID:WA0023621 Lat/Long: 47 25 38 120 18 32

Name: SIMPLOT FOODS INC

Plant: City:

Major: Permit Expires:

□

** Human Health Factors/Concerns **

Population Factors Using 1990 Census Data

=====

Approximate Population and Demographic Analysis

Notes:

- 1) Based on summing Census Tract/Block centroids within distance ranges. A portion of actual block may extend beyond distance (overcount), or portions of some blocks may be within distance but centroid is outside (undercount). Usually within 5% in the 1 to 5 mile range.
- 2) The Hispanic Origin category is defined as an ethnic category, not as a race in the official Census definitions. Hispanic Origin may include

counts

from any of the Census race categories including White. PL171 Census data included a cross tabulation of origin versus race. Our definition for

Total

People of Color is Total Population - White Origin as tabulated in the

PL171

data. The individual race summaries are summarized as originally defined.

Distance Range From 0 to 1 mile(s):

170 Census Tract/Block Centroids within distance of 0 to 1 mile(s):

Houshold Units = 2425

Total Population = 6243

Age Over 18 = 4548 72.8%

Age Under 18 = 1695 27.2%

Comparison

ID,OR,WA

Stats

By Race: White = 5639 90.3% 90.6%

Black = 22 0.4% 2.3%

Amer Indian = 83 1.3% 1.5%

Asian = 68 1.1% 3.3%

Other = 431 6.9% 2.3%

By Origin: Hispanic Org = 614 9.8% 4.4%

Total People of Color = 774 12.4% 11.3% See note 2.

Average Pop Density per sq mi = 1987 (Centroids/Distance Radius Area)

Distance Range From 0 to 2 mile(s):

541 Census Tract/Block Centroids within distance of 0 to 2 mile(s):

Houshold Units = 9777

Total Population =	24448		Comparison
Age Over 18 =	17727	72.5%	ID,OR,WA
Age Under 18 =	6721	27.5%	Stats

By Race: White =	22448	91.8%	90.6%
Black =	65	0.3%	2.3%
Amer Indian =	261	1.1%	1.5%
Asian =	224	0.9%	3.3%
Other =	1450	5.9%	2.3%

By Origin: Hispanic Org =	2064	8.4%	4.4%
---------------------------	------	------	------

Total People of Color =	2589	10.6%	11.3%	See note 2.
-------------------------	------	-------	-------	-------------

Average Pop Density per sq mi = 1939 (Centroids/Distance Radius Area)

□

Groundwater Sole Source Aquifer Information

=====

Site apparently not located within 1 mile of any Sole Source Aquifer areas.

Public Groundwater Supply Information

=====

Distance Range From 0 to 1 mile(s):

Washington Public Groundwater Supply Wells: 0 within distance 0 to 1 mile(s):

Distance Range From 1 to 2 mile(s):

Washington Public Groundwater Supply Wells: 2 within distance 1 to 2 mile(s):

Rec# 434		
System ID: 22N 21E 19D4	Lat/Long: 472315	1201525
Name: EAST WENATCHEE WATER DIST	State Permit#:	218005
Total System Population Served = 13000.		
Rec# 435		
System ID: 22N 21E 19D5	Lat/Long: 472315	1201520
Name: EAST WENATCHEE WATER DIST	State Permit#:	218005
Total System Population Served = 13000.		

Public Surface Water Supply Information

=====

Distance Range From 0 to 1 mile(s):

Washington Public Surface Water Intakes: DATABASE NOT AVAILABLE.

Distance Range From 1 to 2 mile(s):

Washington Public Surface Water Intakes: DATABASE NOT AVAILABLE.

Food Chain Information

=====

Distance Range From 0 to 1 mile(s):

Washington Stream Segments with Fisheries Catch Data: DATABASE NOT AVAILABLE.

Distance Range From 1 to 2 mile(s):

Washington Stream Segments with Fisheries Catch Data: DATABASE NOT AVAILABLE.

☐

** Ecosystem/Sensitive Environments Factors/Concerns **

National Park Information

=====

Site apparently not located within 1 mile any National Park areas.

Priority/Sensitive Animals, Plants, and Habitats

=====

In general, agreements, concerns, and legislative requirements with the providers of the following databases prevent us from plotting and/or analyzing in more detail the sensitive areas and points on maps that may be released to the general public. Contact the local database source for the most recent or further detailed information.

State Natural Heritage Databases

Individual State Heritage Programs compile databases containing significant site observations of selected species of concern, including federal and state species listed threatened, endangered, sensitive and other priority species.

Washington Priority Habitats and Species

Database from Washington Dept of Fish & Wildlife - Jan 1994. Includes priority habitats and species information. May include DUPLICATE information from the Washington Heritage database. Contact the WDW Data Request Line (Lori Adkins) at 360-902-2543 for more information.

State Heritage Databases

Sorry -- Due to restrictive distribution agreements with the State Heritage Database programs, this information is available for internal EPA users only. You must separately contact the individual State Heritage programs for info.

Washington Natural Heritage Program

Mail: snmm490@wadnr.gov

Phone: 360-902-1667

Washington Priority Habitats and Species

Distance Range From 0 to 1 mile(s):

Washington - Priority Habitats/Species areas/points: 8/0 within 0 to 1 mile(s):

Areas below may be overlapping - Actual total of areas = 7375.8 acres.
Also, portions of the Spec/Hab areas may lay outside of distance ring.

Spec/Hab: Mule Deer Species Use: Regular Large Concentration
Desc: MULE DEER HISTORIC WINTER RANGE-LOST TO ALTERNATE LAND USE
Areas= 4 Sum Area= 7290.6 acres

Spec/Hab: Riparian zone Species Use:
Desc: RIPARIAN -COLUMBIA RIVER -NEAR RAILROAD YARDS
Areas= 5 Sum Area= 44.0 acres

Spec/Hab: Waterfowl Species Use: Regular Large Concentration
Desc: WATERFOWL WINTERING/FALL CONCENTRATION AREAS IN ROCK ISLAND POOL

BETW

CANA

GEE

FOR

SECL

TR

SPECIES.

UPLAND

U

EEN RIVER MILES (RM) 453.5 & 473.5 MIXED DABBLER & DIVER DUCKS &

DA GEES. NUMBERS RANGE' BETWEEN 500-1500 FOR DUCKS & 250-1000 FOR

SE. GREBES & LOONS ALSO COMMON.'

Areas= 3 Sum Area= 74.3 acres

Spec/Hab: Urban Natural Open Space Species Use:

Desc: LOW BENCH ALONG RIVER WITH SAGEBRUSH (GRASS CORNER PROVIDES COVER

GREATBLUEHERONS, UPLAND GAME BIRDS, RAPTORS, AND NONGAME BIRDS.

UDED FROM HIGHWAY TRAFFIC.

Areas= 1 Sum Area= 8.2 acres

Spec/Hab: Great Blue Heron Species Use: Regular Small Concentration

Desc: GREAT BLUE HERON CONCENTRATION AREA-40-60

Areas= 1 Sum Area= 8.2 acres

Spec/Hab: Riparian zone Species Use:

Desc: RIPARIAN ZONE ALONG COLUMBIA RIVER. VEGETATION INCLUDES COTTONWOOD

EES, WILLOW' BIRCH, MULBERRY, DOGWOOD, ROSE & OTHER HARDWOOD

UNDERSTORY INCLUDES HO'RSETAIL & JUNCUS. PROVIDES HABITAT FOR

GAME, RAPTORS & OTHER NONGAME BIRD

Areas= 2 Sum Area= 26.0 acres

Distance Range From 1 to 2 mile(s):

Washington - Priority Habitats/Species areas/points: 10/0 within 1 to 2 mile(s):

Areas below may be overlapping - Actual total of areas = 8251.6 acres.
Also, portions of the Spec/Hab areas may lay outside of distance ring.

Spec/Hab: Urban Natural Open Space Species Use:

Desc: A MOSAIC OF DRYLAND WHEAT FIELD AND SHRUB-STEPPE. NATURAL VEGETATION

MOSTLY SAGEBRUSH AND BUNCH-GRASSES. PROVIDES HABITAT FOR MULE DEER,

PLAND GAMEBIRDS, RAPTORS AND NON-GAME BIRDS.

Areas= 1 Sum Area= 4442.0 acres

Spec/Hab: Mule Deer Species Use: Regular Large Concentration
 Desc: STEEP ROCKY CANYONS, DOUGLAS/P. PINE FORESTS, SHRUB STEPPE BENCHES
 PR OVIDE HABITAT FOR SEVERAL HUNDRED MULE DEER. STANDS OF BITTERBRUSH,
 RIPARIAN ZONES, WINTER' WHEAT AND CRP ADD QUALITY TO HABITAT.'
 Areas= 1 Sum Area= 4442.0 acres
 Spec/Hab: Mule Deer Species Use: Regular Large Concentration
 Desc: PRODUCTIVE MOSAIC OF DOUG FIR/P. PINE FORESTS, SHRUBSTEPPE INCLUDING
 AREA OF BITTERBRUSH, RIPARIAN ZONES AND WINTER WHEAT PROVIDE HABITAT
 FOR 200-300 MULE DEER.' HIGHER ELEVATIONS FAWNING AREAS AND SUMMER
 R ANGE. LOWER BENCHES AND DRAWS OF'
 Areas= 1 Sum Area= 4442.0 acres
 Spec/Hab: Riparian zone Species Use:
 Desc: RIPARIAN AREA COMPOSED COTTONWOODS, WILLOW, DOGWOOD, ELM
 BLACKBERRIES,
 ROSE LOCUST AND OTHER SPECIES-2-3 OPEN PONDS. PROVIDES DENSE COVER
 F OR UPLAND BIRDS, FURBEARS EAGLES, DUCKS, SHOREBIRDS, RAPTORS AND
 OTHE R NON-GAME BIRDS.
 Areas= 1 Sum Area= 64.4 acres
 Spec/Hab: Bald Eagle Species Use: Regular Small Concentration
 Desc: BALD EAGLE WINTER PERCHES ALONG SHORELINE OF ROCK IS POOL-COLUMBIA
 RI VER BETWEEN' RIVER MILES(RM) 453.5 AND 473.5 (BETWEEN ROCK IS. AND
 RO CKY REACH DAMS) LOW NUM'BERS OF EAGLES(1-15) PERCH ON TREES, CLIFFS
 A ND MAN-MADE PERCHES BETWEEN OCT-MAR
 Areas= 1 Sum Area= 64.4 acres
 Spec/Hab: Mule Deer Species Use: Regular Large Concentration
 Desc: MULE DEER WINTER RANGE 500 MULE DEER
 Areas= 2 Sum Area= 3700.0 acres
 Spec/Hab: Mule Deer Species Use: Regular Large Concentration
 Desc: MULE DEER HISTORIC WINTER RANGE-LOST TO ALTERNATE LAND USE
 Areas= 3 Sum Area= 39.6 acres
 Spec/Hab: Riparian zone Species Use:
 Desc: RIPARIAN -COLUMBIA RIVER -NEAR RAILROAD YARDS
 Areas= 5 Sum Area= 33.5 acres
 Spec/Hab: Waterfowl Species Use: Regular Large Concentration
 Desc: WATERFOWL WINTERING/FALL CONCENTRATION AREAS IN ROCK ISLAND POOL
 BETW EEN RIVER MILES (RM) 453.5 & 473.5 MIXED DABBLER & DIVER DUCKS &
 CANA DA GEES. NUMBERS RANGE' BETWEEN 500-1500 FOR DUCKS & 250-1000 FOR
 GEE SE. GREBES & LOONS ALSO COMMON.'
 Areas= 1 Sum Area= 0.4 acres
 Spec/Hab: Species Use:
 Desc: None Available
 Areas= 1 Sum Area= 153.0 acres
 Spec/Hab: Riparian zone Species Use:
 Desc: RIPARIAN ZONE ALONG COLUMBIA RIVER. VEGETATION INCLUDES COTTONWOOD
 TR EES, WILLOW' BIRCH, MULBERRY, DOGWOOD, ROSE & OTHER HARDWOOD
 SPECIES.
 UNDERSTORY INCLUDES HO'RSETAIL & JUNCUS. PROVIDES HABITAT FOR

*** End of Report ***

SUPERFUND SITES IN THE PACIFIC NORTHWEST

EPA REGION 10

AS OF 10/2/95

Site Name	City/County	Date Proposed (1)	Federal Register Citation	Date Final	Federal Register Citation	Notes (2)	Date Deleted (3)	Federal Register Citation
In ALASKA (8 Final)								
Alaska Battery Enterprises	Fairbanks N Star Bor	06/24/88	53 FR 23978	03/31/89	54 FR 13296			
Arctic Surplus	Fairbanks	10/26/89	54 FR 43778	08/30/90	55 FR 35502			
* Eielson Air Force Base	Fairbanks N Star Bor	07/14/89	54 FR 29820	11/21/89	54 FR 48184	F		
* Elmendorf Air Force Base	Greater Anchorage Bo	07/14/89	54 FR 29820	08/30/90	55 FR 35502	F		
* Fort Richardson	Anchorage	06/23/93	58 FR 34018	05/31/94	59 FR 27989	F		
* Fort Wainwright	Fairbanks N Star Bor	07/14/89	54 FR 29820	08/30/90	55 FR 35502	F		
* Naval Air Station Adak	Adak Island	10/14/92	57 FR 47204	05/31/94	59 FR 27989	F		
* Standard Steel&Met Sal Yd (USDOT)	Anchorage	07/14/89	54 FR 29820	08/30/90	55 FR 35502	F		
In IDAHO (8 Final & 2 Proposed & 1 Deleted)								
Arrcom (Drexler Enterprises)	Rathdrum	12/30/82	47 FR 58476	09/08/83	48 FR 40658		12/23/92	57 FR 61005
Blackbird Mine	Lehmi County	05/10/93	58 FR 27507					
Bunker Hill Mining & Metallurg	Smelterville	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
Eastern Michaud Flats Contamin	Pocatello	05/05/89	54 FR 19526	08/30/90	55 FR 35502			
* Idaho National Engin Lab (USDOE)	Idaho Falls	07/14/89	54 FR 29820	11/21/89	54 FR 48184	F		
Kerr-McGee Chemical (Soda Springs)	Soda Springs	05/05/89	54 FR 19526	10/04/89	54 FR 41000			
Monsanto Chemical (Soda Springs)	Soda Springs	05/05/89	54 FR 19526	08/30/90	55 FR 35502			
* Mountain Home Air Force Base	Mountain Home	07/14/89	54 FR 29820	08/30/90	55 FR 35502	F		
Pacific Hide & Fur Recycling Co.	Pocatello	09/08/83	48 FR 40674	09/21/84	49 FR 37070			
Triumph Mine Tailings Piles	Triumph	05/10/93	58 FR 27507					
Union Pacific Railroad Co.	Pocatello	09/08/83	48 FR 40674	09/21/84	49 FR 37070			
In OREGON (11 Final & 1 Proposed & 1 Deleted)								
Allied Plating, Inc.	Portland	01/22/87	52 FR 2492	02/21/90	55 FR 6154		11/14/94	59 FR 56409
East Multnomah County Groundwater	Multnomah County	05/10/93	58 FR 27507					
* FNF/White King/Lucky Lass Mines	Lake County	06/23/93	58 FR 34018	04/25/95	60 FR 20330	F		
Gould, Inc.	Portland	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
Joseph Forest Products	Joseph	06/24/88	53 FR 23978	03/31/89	54 FR 13296			
Martin-Marietta Aluminum Co.	The Dalles	10/15/84	49 FR 40320	06/10/86	51 FR 21054			
McCormick & Baxter Creosoting	Portland	06/23/93	58 FR 34018	05/31/94	59 FR 27989			
Northwest Pipe & Casing	Clackamas	02/07/92	57 FR 4824	10/14/92	57 FR 47180			
Reynolds Metals Company	Troutdale	08/23/94	59 FR 43314	12/16/94	59 FR 65206			
Teledyne Wah Chang	Albany	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
* Umatilla Army Depot (Lagoons)	Hermiston	10/15/84	49 FR 40320	07/22/87	52 FR 27620	F		
Union Pacific RR Tie Treatment	The Dalles	10/26/89	54 FR 43778	08/30/90	55 FR 35502			
United Chrome Products, Inc.	Corvallis	09/08/83	48 FR 40674	09/21/84	49 FR 37070			
In WASHINGTON (52 Final & 6 Deleted)								
ALCOA (Vancouver Smelter)	Vancouver	06/24/88	53 FR 23978	02/21/90	55 FR 6154			
American Crossarm & Conduit Co.	Chehalis	06/24/88	53 FR 23978	10/04/89	54 FR 41000			
* American Lake Gardens	Tacoma	09/08/83	48 FR 40674	09/21/84	49 FR 37070	F		
* Bangor Naval Submarine Base	Silverdale	07/14/89	54 FR 29820	08/30/90	55 FR 35502	F		
* Bangor Ordnance Disposal	Bremerton	10/15/84	49 FR 40320	07/22/87	52 FR 27620	F		
* Bonneville Power Adm Ross (USDOE)	Vancouver	07/14/89	54 FR 29820	11/21/89	54 FR 48184	F		
Boomsnub/Airco	Vancouver	01/18/94	59 FR 2568	04/25/95	60/FR 20330	S		

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Site Name	City/County	Date Proposed (1)	Federal Register Citation	Date Final	Federal Register Citation	Notes (2)	Date Deleted (3)	Federal Register Citation
Centralia Municipal Landfill	Centralia	06/24/88	53 FR 23978	08/30/90	55 FR 35502			
Colbert Landfill	Colbert	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
Com Bay, Near Shore/Tide Flats	Pierce County	10/23/81	47 FR 58476	09/08/83	48 FR 40658			
Com Bay, South Tacoma Channel	Tacoma	10/23/81	47 FR 58476	09/08/83	48 FR 40658			
Fairchild Air Force Base (4 Areas)	Spokane County	06/24/88	53 FR 23978	03/13/89	54 FR 10412 F			
FHC Corp. (Yakima Pit)	Yakima	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
Fort Lewis (Landfill No. 5)	Tacoma	10/15/84	49 FR 40320	07/22/87	52 FR 27620 F		05/22/95	60 FR 27041
Fort Lewis Logistics Center	Tillikum	07/14/89	54 FR 29820	11/21/89	54 FR 48184 F			
Frontier Hard Chrome, Inc.	Vancouver	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
General Electric (Spokane Shop)	Spokane	06/24/88	53 FR 23978	10/04/89	54 FR 41000			
Greenacres Landfill	Spokane County	09/08/83	48 FR 40674	09/21/84	49 FR 37070			
Hamilton Island Landfill (USA/COE)	Skamania County	07/29/91	56 FR 35840	10/14/92	57 FR 47180 F		05/25/95	60 FR 27696
Hanford 100-Area (USDOE)	Benton County	06/24/88	53 FR 23978	10/04/89	54 FR 41000 F			
Hanford 1100-Area (USDOE)	Benton County	06/24/88	53 FR 23978	10/04/89	54 FR 41000 F			
Hanford 200-Area (USDOE)	Benton County	06/24/88	53 FR 23978	10/04/89	54 FR 41000 F			
Hanford 300-Area (USDOE)	Benton County	06/24/88	53 FR 23978	10/04/89	54 FR 41000 F			
Harbor Island (Lead)	Seattle	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
Hidden Valley Lndfl (Thun Field)	Pierce County	06/10/86	51 FR 21099	03/31/89	54 FR 13296			
Jackson Park Housing Complex (USN)	Kitsap County	06/23/93	58 FR 34018	05/31/94	59 FR 27989 F			
Kaiser Aluminum Mead Works	Mead	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
Lakewood Site	Lakewood	12/30/82	47 FR 58476	09/08/83	48 FR 40658			
McChord AFB (Wash Rack/Treatment)	Tacoma	10/15/84	49 FR 40320	07/22/87	52 FR 27620 F			
Mica Landfill	Mica	10/15/84	49 FR 40320	06/10/86	51 FR 21054			
Midway Landfill	Kent	10/15/84	49 FR 40320	06/10/86	51 FR 21054			
Moses Lake Wellfield Contamination	Grant County	07/29/91	56 FR 35840	10/14/92	57 FR 47180			
Naval Air Sta, Whid Is (Ault)	Whidbey Island	09/18/85	50 FR 37950	02/21/90	55 FR 6154 F		09/21/95	60 FR 48902
Naval Air Sta, Whid Is (Seaplane)	Whidbey Island	09/18/85	50 FR 37950	02/21/90	55 FR 6154 F			
Naval Undersea Warf Sta (4 Areas)	Keyport	06/10/86	51 FR 21099	10/04/89	54 FR 41000 F			
North Market Street (AKA TOSCO)	Spokane	06/24/88	53 FR 23978	08/30/90	55 FR 35502			
Northside Landfill	Spokane	10/15/84	49 FR 40320	06/10/86	51 FR 21054			
Northwest Transformer	Everson	10/15/84	49 FR 40320	06/10/86	51 FR 21054			
Northwest Transformer (S Harkness)	Everson	06/24/88	53 FR 23978	02/21/90	55 FR 6154			
Old Inland Pit	Spokane	06/10/86	51 FR 21099	02/21/90	55 FR 6154			
Old Navy Dump-Manchester(EPA/NOAA)	Manchester	01/18/94	59 FR 2568	05/31/94	59 FR 27989 F			
Pacific Car & Foundry Co.	Renton	06/24/88	53 FR 23978	02/21/90	55 FR 6154			
Pacific Sound Resources	Seattle	05/10/93	58 FR 27507	05/31/94	59 FR 27989			
Pasco Sanitary Landfill	Pasco	06/24/88	53 FR 23978	02/21/90	55 FR 6154			
Pesticide Lab (Yakima)	Yakima	12/30/82	47 FR 58476	09/08/83	48 FR 40658		09/01/93	58 FR 46087
Port Hadlock Detachment (USN)	Indian Island	06/23/93	58 FR 34018	05/31/94	59 FR 27989 F			
Puget Sound Naval Shipyard Complex	Bremerton	05/10/93	58 FR 25707	05/31/94	59 FR 27989 F			
Queen City Farms	Maple Valley	09/08/83	48 FR 40674	09/21/84	49 FR 37070			
Seattle Mun Lndfl (Kent Hghinds)	Kent	06/24/88	53 FR 23978	08/30/90	55 FR 35502			
Silver Mountain Mine	Loomis	10/15/84	49 FR 40320	06/10/86	51 FR 21054			
Spokane Junkyard & Associated Prop	Spokane	10/14/92	57 FR 47204	05/31/94	59 FR 27989		12/23/88	53 FR 51700
Toftdahl Drums	Brush Prairie	10/15/84	49 FR 40320	06/10/86	51 FR 21054			
Tulalip Landfill	Snohomish County	07/29/91	56 FR 35840	04/25/95	60 FR 20330			
Vancouver Water Station #1 Cont.	Clark County	06/23/93	58 FR 34018	05/31/94	59 FR 27989			
Vancouver Water Station #4 Cont.	Clark County	07/29/91	56 FR 35840	10/14/92	57 FR 47180			
Western Processing Co., Inc.	Kent	07/23/82	47 FR 58476	09/08/83	48 FR 40658			
Wyckoff Co./Eagle Harbor	Bainbridge Island	09/18/85	50 FR 37950	07/22/87	52 FR 27620		08/23/94	59 FR 43291
Yakima Plating Co.	Yakima	06/24/88	53 FR 23978	03/31/89	54 FR 13296			

EPA Region 10: 3 Proposed & 79 Final & 8 Deleted
 Nationwide: 52 Proposed & 1,238 Final & 83 Deleted

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RUN DATE: 06/27/90 17:10:47
 CERCLIS DATA BASE DATE: 06/07/90
 CERCLIS DATA BASE TIME: 10:43:00
 VERSION 0.00

*** PRG00 VERSION 00
 U.S. EPA SUPERFUND PROGRAM
 NW CERCLIS ***
 LISTING: SITE/EVENT LISTING

VERHELP DATA BASE 01
 VERHELP DATA BASE 12

SELECTION: NR SPECIAL NR
 SEQUENCE: STATE, CNTY CODE, SITE NAME

EVENTS: ALL

REF ID	SITE NAME STREET CITY COUNTY CODE AND NAME (ASSOCIATED NPL SITE)	STATE ZIP	OPRBLD EVENT EVENT	ACTUAL START DATE	ACTUAL COMPL DATE
HA0900720000	TOFTDAHL DRUMS (CONTINUED)		001/ NA1		09/30/00
HA3214000924	US ARMY HQ VANCOUVER BARRACKS HQ VANCOUVER BARRACKS 0-030 VANCOUVER WA 98001 C11 CLARK		00 LS1		01/11/95
HA0900049700	VANCOUVER WATER STATION #1 CONTAMINATION E RESERVE & NE FOURTH PLAIN ST VANCOUVER WA 98001 C11 CLARK		00 AS1 US1 NH1 NP1 NFI	12/12/93	12/12/93 05/17/00 05/00/93 00/23/93 00/31/94
HA0900470100	VANCOUVER WATER STATION #4 CONTAMINATION DIX + BLANFORD ST VANCOUVER WA 98006 C11 CLARK		00 AS1 LS1 NH1 NP1 NFI PA1 C11 NA1	12/19/91 02/20/92 04/02/92 09/01/92	12/20/91 07/10/90 02/00/91 01/29/91 10/14/92 00/31/93 01/01/93
HA0009041403	LUNOVIER FLORE CO FLORE WAY LUNOVIER WA 98032 C10 COUNCIL		00 US1 PA1 PA2 PA3	09/01/82 05/31/88 12/30/92	11/01/01 09/01/82 05/31/88 12/30/92
HA0009041400	MEYERHAEUSER CO 3535 INDUSTRIAL WAY LUNOVIER WA 98032 C10 COUNCIL		00 US1 PA1 S11 S12 SPI	09/30/85 12/19/88 01/31/89	07/01/79 11/00/85 01/31/89 10/01/93
HA0991201074	PRSCU SANITARY LANDFILL KAMLOUS RD & HWY 22 PRSCU BC V7Y301 C01 FRANKLIN		00 NS1 R00 LS1 PA1 NFI	12/02/92 00/27/04	09/12/90 12/02/92 07/01/79 00/20/84 01/10/87 00/24/88

ERNS SEARCH RE: WA
Run Date: 01/08/96

U.S. ENVIRONMENTAL PROTECTION AGENCY - REGION 10
EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS)
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Reg Case	HRC #	Potentially Responsible Party	Spill Location	City	County	St	Material Spilled	Quantity	UN	Spill Date
39524	NONE		28401 COVERTOWN WAY SE	KENT	KING	WA	PCB OILS	1,500.00	G	03/24/95
91461	NONE		CAROLINE BEACH MARINA	OLYMPIA	THURSTON	WA	DIESEL FUEL : MARINE	0.00	/	/
92455	NONE		PUGET SOUND, NORTH END OF COLVOS PASSA	SOUTHWORTH	KENT	WA	DIESEL FUEL : MARINE	0.00	/	/
92460	NONE		228TH SE AND 72ND AVE ON INTERURBAN BI	KENT	KING	WA	DIESEL FUEL : MARINE	0.00	/	/
92464	NONE		NEAR 22205 76TH AVENUE SOUTH	BREMERSON	KITSA	WA	OIL SHEEN	0.00	0.00	01/12/95
92465	NONE		2 1/4 MILES SE OF BREMERSON AIRPORT EA	ETHEL	KITSA	WA	OIL SHEEN ON WATER	0.00	0.00	01/12/95
92466	NONE		262 LAURNO ROAD	UNKNOWN	LEWIS	WA	55 GALS DRUMS	2.00	D	/
92467	NONE	PARMENTIER AND SHIPPING CONST	MILE 111 OF TRACK, KOOTENAY LAKE, US -	UNKNOWN		WA	WASTE OIL	0.00	/	/
92471	NONE	CP RAIL	NEAR KOOTENAY LAKE	PASCO	FRANKLIN	WA	DIESEL	12,000.00	G	01/20/95
92472	NONE	IMCO GENERAL CONSTRUCTION	SNAKE RIVER AT ICE HARBOR DAM	OLYMPIA	THURSTON	WA	DIESEL	9,000.00	G	01/20/95
92474	NONE		MARVIN RD. EXIT FORM I-5 NORTH OF OLYM	TACOMA	PIERCE	WA	PAINT	20.00	G	01/23/95
92475	NONE		FT LEWIS	SEATTLE	KING	WA	UNKNOWN MATERIAL	21.00	D	01/24/95
92476	NONE	TEXCO	HARBOR ISLAND 2555 13TH AVE SW	LINDEN	WATCOM	WA	LUBE OIL	0.00	/	/
92480	NONE		2003 PANG BARN	SHULTON	MASON	WA	UNKNOWN MATERIAL	1,000.00	G	01/30/95
92481	NONE	BANDER MUSHROOMS				WA	DIESEL FUEL : MARINE	5.00	G	02/02/95
92482	NONE		E STRONG RD, OFF PICKERING RD			WA	UNKNOWN MATERIAL	0.00	G	02/02/95
92483	NONE					WA	CATAPULT LUBE OIL	2.00	G	02/03/95
92485	NONE					WA	OIL	2.00	G	02/04/95
92486	NONE					WA	GASOLINE BLENDING STOCKS:ALK	1.00	O	02/05/95
92487	NONE					WA	OIL	2.00	O	02/06/95
92488	NONE					WA	OIL	0.00	O	02/07/95
92489	NONE					WA	GASOLINE	10.00	O	02/08/95
92490	NONE	IMCO GENERAL CONSTRUCTION	62ND AVENUE NW	GIG HARBOR	PIERCE	WA	DIESEL FUEL	0.00	O	02/15/95
92491	NONE		1411 RIDGE DRIVE	PORT TOWNSEN	JEFFERSON	WA	GASOLINE BLENDING STOCKS:ALK	150.00	G	02/15/95
92492	NONE					WA	DIESEL FUEL : MARINE	200.00	G	02/21/95
92493	NONE					WA	UNKNOWN MATERIAL	1.00	D	02/22/95
92494	NONE					WA	GASOLINE BLENDING STOCKS:ALK	0.00	O	02/22/95
92495	NONE		EVERGREEN POINT ROAD	SEATTLE	KING	WA	DIESEL FUEL : MARINE	0.00	G	02/23/95
92496	NONE					WA	OIL	2.00	G	/
92503	NONE		116TH AVE NE ON-RAMP TO S. I-5	MARYSVILLE	SNOWHOMISH	WA	PESTICIDE SPRAY	0.00	U	02/05/95
92507	NONE	WESTFAIR APARTMENTS	30927 - 17TH AVENUE SW, APARTMENT A	FEDERAL WAY	KING	WA	HIGH SULFUR DIESEL	0.00	U	03/03/95
92508	NONE		SKI RESORT			WA	DIESEL OIL	0.00	U	03/07/95
92509	NONE		124 32.14 WEST	SEATTLE	KING	WA	ANTIFREEZE	0.00	O	03/07/95
92511	NONE		9500 RAINIER AVE SOUTH	HOQUIUM	GRAYS HARBO	WA	SMOKE	0.00	G	03/07/95
92512	NONE		508 - 510 OCEAN BEACH HIGHWAY	WEST PORT		WA	TRANSFER OIL	8.00	G	03/09/95
92514	NONE	GRAYS HARBOR PUD	HANCOCK AND FOREST STREETS			WA	TRANSFER OIL	30.00	G	03/09/95
92515	NONE		SOUTH OF 164TH NEAR MILL CREEK			WA	SOLVENT	0.00	U	03/10/95
92516	NONE	COMINCO	BRITISH COLUMBIA ENTERY US VIA COLUMBIS			WA	CADLUM	70.00	U	03/12/95
92517	NONE		UNKNOWN			WA	55 GAL POLY DRUM	0.00	/	/
92519	NONE					WA	WHITE GRANULAR MATERIAL	0.00	U	/
92521	NONE	EASTERN ELECTRIC	2800 BLOCK OF BEACH DRIVE SOUTH	TOPELISH	YAKIMA	WA	OIL PRODUCTS	0.00	U	03/20/95
92522	NONE		ACROSS FROM 414 HANSEN ROAD	AUBURN/KENT	KING	WA	UNKNOWN	0.00	U	03/24/95
92525	NONE		901 FAIRVIEW AVENUE	REDONDO BEAC	COMLITZ	WA	RUNOFF FROM JUNKED VEHICLES	0.00	/	/
92526	NONE			TURTLE		WA		0.00	/	/
92529	NONE	CHANDLERS COVE RESTAURANT		SEATTLE	KING	WA	SEWAGE	0.00	/	04/01/95

Keys to UN (units): B=barrels; D=drums; G=gallons; P=pounds; O=others; U=unknown; T=tons

ERIS SEARCH RE: WA
Run Date: 01/08/96

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92531	NONE	M/V WESTERN NAVIGATOR	DRAVTON HARBOR	BLAINE	KING	WA	ESTIMATED DIESEL OIL	0.00	G	04/03/95
92532	NONE	TODD SHIPYARD	136 1/2 SH 152ND	SEATTLE	KING	WA	DIESEL	1,000.00	G	03/27/95
92533	NONE	RAPID ROTARY	WASHOUGAL RIVER ROAD	BURIEH	KING	WA	OIL	0.00	U	04/04/95
92534	NONE	JAMES BARTLET	607 WEST STEVENS, SPACE 6	SULTON	THURSTON	WA	OIL	0.00	O	04/06/95
92537	NONE	FRED HILL CEMENT CO.	TR DELTA PIER, NAVAL SUMARINE BASE	BANGOR	THURSTON	WA	ENGINE MOTOR OIL	1.00	O	03/09/95
92538	NONE	BIG ED'S FLOOR AND MORE	3514 BLACK LAKE BOULEVARD	OLYMPIA	THURSTON	WA	CARPET	0.00	U	04/10/95
92541	NONE	PUGET SOUND NAVAL SHIPYARD	PIER CHARLIE EAST	OLYMPIA	THURSTON	WA	UNKNOWN MATERIAL	0.00	G	04/10/95
92542	NONE	M/V WESTERN NAVIGATOR	DRAYTON HARBOR	NEAH BAY	CHELAN	WA	DIESEL OIL	0.00	G	04/10/95
92543	NONE	M/V LENA O	DOCK AT NW SEAFOODS	WENATCHEE	CHELAN	WA	DIESEL	0.00	G	04/10/95
92544	NONE	LEE DRYWALL	3/4 MILE FROM INT HWY 2897	SEATTLE	KING	WA	PLASTICS, SHEET-ROCK MATERIA	0.00	G	04/10/95
92545	NONE	FREIGHTER	ELLIOT BAY	SEATTLE	KING	WA	UNKNOWN	0.00	G	04/10/95
92546	NONE	QUIMSALT INDIAN RESERVATION	NEAL CREEK, TRIBUTARY TO HOOD RIVER, U	SEATTLE	KING	WA	OIL & WATER MIX	0.00	G	04/10/95
92547	NONE	TURN ON PINE STREET, 4 HOUSES DOWN	TURN ON PINE STREET, 4 HOUSES DOWN	SEATTLE	KING	WA	ANTI-FREEZE	1.00	G	04/09/95
92548	NONE	13909 94TH AVENUE SOUTH	13909 94TH AVENUE SOUTH	SEATTLE	KING	WA	OIL	0.00	G	04/09/95
92549	NONE	405 30TH & 44TH	405 30TH & 44TH	PUYALLUP	PIERCE	WA	UNKNOWN	0.00	G	04/09/95
92551	NONE	PORT OF SEATTLE	24322 22ND AVENUE SOUTH	BANGOR	PIERCE	WA	VINYL CHLORIDE	18.00	P	04/09/95
92552	NONE	PACIFIC CIRCUITS	17550 NE 6TH COURT, PIPE OF NORTH SID	DESMOINES	KING	WA	DIESEL	40.00	G	04/09/95
92553	NONE	AUTOS UNLIMITED	HIGHWAY 109 & 2ND AVENUE	REDMOND	KING	WA	OILY SUBSTANCE ON PLANTS	0.00	G	04/09/95
92554	NONE	NORTH COAST ELECTRIC	4124 EAST MAIN	OCEAN CITY	KING	WA	UNKNOWN	0.00	G	04/09/95
92555	NONE	CHEVRON VS PRODUCTS	2055 RICH BEACH DRIVE	SPOKANE	SPOKANE	WA	OIL	0.00	U	04/09/95
92556	NONE	RONALD KELLER	871 99TH STREET SOUTH	SEATTLE	KING	WA	SULFURIC ACID	150.00	G	04/09/95
92557	NONE	DELTA MAINE	RT 395 - LEFT ON GREENWOOD LOOP - 1 BL	PARKLAND	PIERCE	WA	FOUR BARRELS	4.00	B	04/09/95
92558	NONE	CLARK CREEK	76TH AND 212TH	KETTLE FALLS	STEVENS	WA	OIL	55.00	G	04/09/95
92559	NONE	COMINCO MINE	TRAIL B.C. CANADA	SEATTLE	KING	WA	YELLOW & RED 55 GALLON DRUM	1.00	D	04/09/95
92560	NONE	GRAY'S HARBOR PUD	HANGAR 101	KENT	PIERCE	WA	OIL	500.00	G	04/09/95
92561	NONE	TIDEWATER BANGG	COLUMBIA RIVER	KENT	PIERCE	WA	OIL	0.00	G	04/09/95
92562	NONE	YAKIMA COUNTY	INTERSECTION OF McDONALD AND EAST TRAC	YAKIMA	YAKIMA	WA	BLACK MATERIAL IN WATER	0.00	G	04/09/95
92563	NONE	WILKINS DISTRIBUTING	3901 UNIC ROAD	FREDALE	YAKIMA	WA	GASOLINE BLENDING STOCKS:ALK	0.00	G	04/09/95
92564	NONE	KINGS COVE	S/R LONGBEACH VESSEL	CATHLAMET	WAHATCOM	WA	SULFUR DIOXIDE	3,000.00	G	04/09/95
92565	NONE	MT RANIER BATHING PARK, LAKE POINT DRI	33307 SE 43RD	SEATTLE	WAHATCOM	WA	UNKNOWN	0.00	G	04/09/95
92566	NONE	232 120TH ST SE	232 120TH ST SE	FALLS CITY	KING	WA	UNKNOWN	0.00	G	04/09/95
92567	NONE	1-5 AND 1-90 MIDDLE LANE FOR 5 MILES	1-5 AND 1-90 MIDDLE LANE FOR 5 MILES	EVERETT	SNOWHOMISH	WA	SEWAGE	0.00	G	04/09/95
92568	NONE	FERDALE	3901 UNIC ROAD	POT ORCHARD	KITSAP	WA	DIESEL	14.00	G	04/09/95
92569	NONE	OLYMPIA BREWERY CO.	3901 UNIC ROAD	SEATTLE	CLALLAM	WA	UNKNOWN MATERIAL, BROWN COLO	100.00	G	04/09/95
92570	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92571	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92572	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92573	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92574	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92575	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92576	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92577	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92578	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92579	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92580	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92581	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92582	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92583	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92584	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92585	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92586	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92587	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92588	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92589	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92590	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92591	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92592	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92593	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92594	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92595	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92596	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95
92597	NONE	RAYONIER INC	300 N ENNIS ST	SEATTLE	CLALLAM	WA	SULFUR DIOXIDE	10.00	G	04/09/95

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U.S. ENVIRONMENTAL PROTECTION AGENCY - REGION 10
EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS)
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Reg Case	NRC #	Potentially Responsible Party	Spill Location	City	County	St	Material Spilled	Quantity	UN	Spill Date
92598	NONE					WA	MURATIC ACID	7.00	D	/ /
92600	NONE		LAKEIDE INDUSTRIES PROPERTY NEAR 1924	CENTRALIA	SPOKANE	WA	UNKNOWN MATERIAL	0.00	/	/ /
92606	NONE		1160E NORA STREET	SPOKANE	KING	WA	55 GAL DRUM	0.00	/	/ /
92609	NONE	FORC INC	NEAR 106TH SW AND SEDLA BEACH IN WEST	SEATTLE	KING	WA	DIESEL	5.00	G	07/06/95
92611	NONE	RE POWELL DISTRIBUTIONS	21400 SE 304TH	KENT	YAKIMA	WA	DIESEL	100.00	G	07/06/95
92612	NONE		BULK PLANT	TOPPENISH	KING	WA	HAZ. SUB	0.00	/	/ /
92613	NONE		20407 32ND PL SOUTH, BRENTWOOD APT #A	SEATTLE	SNOWHOMISH	WA	UNKNOWN ODORS	0.00	/	/ /
92614	NONE	SCOTT PAPER		EVERETT		WA	DIESEL FUEL : MARINE	1.00	G	07/10/95
92615	NONE	PUGET SOUND NAVAL SHIPYARD		UNKNOWN		WA	DIESEL FUEL : MARINE	0.00	/	/ /
92617	NONE	PUGET SOUND NAVAL SHIPYAR	SKYKOMISH, ACROSS RR TRACKS TO THE RIG	BREMERSTON	KITSAP	WA	55 GAL DRUMS	1.00	G	07/12/95
92618	NONE		1400 FARRAGUT AVE, SINCLAIR INLET	GRAHAM	PEIRCE	WA	DIESEL FUEL : MARINE	0.00	/	07/18/95
92619	NONE		19016 244TH AVE NE / A TRUCKING BUSINE	UNKNOWN	PIERCE	WA	SCRIPTO SPORIDIUM	0.00	/	07/18/95
92620	NONE		MERIDAN SOUTH	PUYALLUP	PIERCE	WA	DIESEL	0.00	/	07/20/95
92622	NONE		EAST 230TH	RENTON	KING	WA	55 GAL DRUMS	0.00	/	/ /
92623	NONE		CORNER OF 166TH AVE SE AND 136TH AVE S	SUNNYSIDE	KING	WA	FIBER GLASS, RESINS, OTHE MAT	0.00	/	07/26/95
92625	NONE	BB HAY	115 NORTH 9TH	RENTON	YAKIMA	WA	DIESEL	50.00	G	08/04/95
92627	NONE	WATERFRONT CONSTRUCTION	1500 FT SOUTH OF -520 BRIDGE BELLEVUE	FT LEWIS	PIERCE	WA	JET FUEL	25.00	G	08/07/95
92628	NONE	US ARMY				WA	DIESEL	1.00	G	08/07/95
92629	NONE					WA	DIESEL FUEL : MARINE	25.00	G	08/07/95
92630	NONE	MORGAN DRIVE A-WAY	NE 8TH AND 242TH AVE NE, INGLEWOOD HIG	REDMOND	KING	WA	DIESEL FUEL	0.00	/	08/07/95
92631	NONE	NEVOE INDUSTRIES	WILLIAMS RD	EDMONDS	SNOWHOMISH	WA	UNKNOWN MATERIAL	0.00	/	08/07/95
92632	NONE		8503 BOWGIN WAY #202	SEATTLE	KING	WA	PAINT, LATEX	0.00	/	08/14/95
92633	NONE	VIC FRANKS BOAT YARD	ALONG N. NORTHLAKE WAY			WA	DIESEL	0.00	/	08/15/95
95218	NONE					WA	OIL AND WATER MIXTURE	1.00	O	/ /
95275056	275056	USN-NAVAL STA EVERETT	SAND POINT NAVSTA 7500 SAND PT WAY	SEATTLE	KING	WA	JET FUEL: JP-5 (KEROSENE, HE	5.00	G	01/03/95
95275176	275176	DEP OF ENERGY	BONNEVILLE POWER TACOMA SUBSTATION 370	TACOMA	PIERCE	WA	POLYCHLORINATED BIPHENYLS	3.00	G	01/04/95
95275209	275209	BOEING COMM AIRPLANE	3003 W. CASINO RD	EVERETT	SNOWHOMISH	WA	WASTE WATER	15,000.00	G	01/04/95
95275433	275433	GENERAL CHEM CORP	2611 W. 26TH ST EXT.	VANCOUVER	CLARK	WA	GASOLINE: AUTOMOTIVE (UNLEAD	190.00	G	01/06/95
95275586	275586		240TH SOUTH	DES MOINES	KING	WA	HYDRAULIC OIL	0.00	/	01/08/95
95275705	275705	PORT OF OLYMPIA	915 N WASHINGTON ST	OLYMPIA	THURSTON	WA	UNKNOWN MATERIAL	100.00	G	01/09/95
95276040	276040		304 NORTH 17TH	MOUNT VERNON	SKAGIT	WA	JET FUEL: JP-5 (KEROSENE, HE	0.00	/	01/11/95
95276290	276290	USN - PUGET SOUND NSY	USN SHIP YARD	BREMERSTON	KITSAP	WA	OIL: DIESEL	1.00	G	01/13/95
95276299	276299	GIFFORD PINCHOT NATL		VANCOUVER	CLARK	WA	OIL: DIESEL	10.00	G	01/13/95
95276697	276697	USA-FORT LEWIS	ICORPS ATTEN: AFZH-DEQ BUILDING PA1504	FORT LEWIS	PIERCE	WA	HYDRAULIC OIL	50.00	G	01/17/95
95276759	276759	TEXACO REFINING	2555 13TH AVE SW	SEATTLE	KING	WA	OIL, MISC: MOTOR	3,300.00	G	01/18/95
95276763	276763	USN - SUB BASE BANGOR	SUB BASE BANGOR	BANGOR	KITSAP	WA	OIL, FUEL: NO. 2 (200 GALLO	1.00	G	01/23/95
95277306	277306	CAMMARANO BROS.	2324 CENTER ST	TACOMA	KING	WA	ETHYLENE GLYCOL	0.00	/	01/25/95
95277515	277515		NE OF LAKE UNION	SEATTLE	BENTON	WA	ETHYLENE GLYCOL	1.00	P	01/25/95
95277540	277540	ICE-KH	CORNER OF STEVENS DR AND HORN RAPIDS R	RICHLAND	BENTON	WA	ETHYLENE GLYCOL	2.00	P	01/26/95
95277666	277666	WESTINGHOUSE HANFORD	200 WEST AREA ON THE WEST HANFORD SIGH	RICHLAND	KING	WA	GASOLINE: AUTOMOTIVE (UNLEAD	45.00	G	01/28/95
95278004	278004	AMERICAN TRANSPORT	INT OF 14TH AND CONCORD AVE	SEATTLE	KING	WA	UNKNOWN OIL	0.00	/	01/30/95
95278194	278194	BONNEVILLE POWER ADMIN	220 SOUTHWEST AND 38 WEST	MOUNTLAKE TE	SNOWHOMISH	WA	POLYCHLORINATED BIPHENYLS(COV	2.00	G	01/31/95
95278372	278372	WEIERHOUSER	2100 ARCADIA DR COSMOPOLIS SUBSTATION	COSMOPOLIS	GRAYS HARBO	WA	CHLORINE DIOXIDE	2.00	P	02/01/95
95278378	278378	WESTINGHOUSE- HANFORD	P08 168	LONGVIEW	BENTON	WA	ETHYLENE GLYCOL	7.00	P	02/01/95
95279148	279148	WESTINGHOUSE- HANFORD	A TANK FARM/COURTYARD	HANFORD	COLUMBIA	WA	UNKNOWN OIL	0.00	/	02/08/95
95279290	279290	WESTINGHOUSE- HANFORD	RT 2 BOX 355	DAYTON	BENTON	WA	ETHYLENE GLYCOL (50% WATER S	4.00	P	02/09/95
			1226 3000 AREA	RICHLAND	BENTON	WA				

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95279379	279379	IMCO GENERAL CONSTRUCTION	RTE 6 BOX 693.5	PASCO	WALLA WALLA	WA	CONDENSATE	15.00	B	02/10/95
95279395	279395	E P JOHNSON	200 WEST ACCESS RD 1 MILE FM GUARD HOU	RICHLAND	BENTON	WA	ETHYLENE GLYCOL	2.00	P	02/10/95
95279690	279690	TIPPETT MARINE HYDRAULICS	EAST END TIPPETT DOCK 2155 N NORTHLAKE	SEATTLE	KING	WA	HYDRAULIC OIL	5.00	G	02/13/95
95279814	279814	WERNER ENTER	8610 SOUTH 212 STREET	KENT	KING	WA	OIL: DIESEL	200.00	G	02/14/95
95280001	280001	WASH ARMY NATIONAL GUARD	MOTORPOOL ADJACENT TO BLDG403	VANCOUVER	CLARK	WA	OIL, MISC: LUBRICATING	2.00	C	02/15/95
95280163	280163	VIOX CORP	6701 6TH AVE S	SEATTLE	KING	WA	LEAD COMPOUND	4.00	P	02/13/95
95280347	280347	KALAMA CHEMICAL	1296 NW 3RD ST	KALAMA	COWLETT	WA	TOLUENE	10,000.00	P	02/18/95
95280448	280448	WEYERHAEUSER CO	3405 INDUSTRIAL WAY	VANCOUVER	CLARK	WA	UNKNOWN OIL	0.00	U	02/19/95
95280517	280517	WEYERHAEUSER	1701 1ST ST	LONGVIEW	COWLETT	WA	CHLORINE	10.00	P	02/20/95
95281112	281112	SMITH'S HOME FURNISHINGS	7624 NORTH FORK SE	COSMOPOLIS	GRAVY HARBO	WA	CAUSTIC SODA//IN WASTE WATER	500.00	P	02/17/95
95281415	281415	JAMES RIVER CORP	NE 4TH AND ADAMS STREET	SHOQUALMIE	KING	WA	OIL: DIESEL	20.00	G	02/25/95
95281473	281473	GREEN BANK SAND AND GRVL	2255 HWY 525	CUMAS	CLARK	WA	NITROGEN DIOXIDE	16.00	U	02/22/95
95281740	281740	FFE TRANSPORTATION	500 ALEXANDER ST	TACOMA	PIERCE	WA	ETHYLENE GLYCOL	80.00	G	03/02/95
95282222	282222	USA-FORT LEWIS	ICORP ATTEN: AFZH-DEQ	FORT LEWIS	PIERCE	WA	OIL: DIESEL	30.00	G	03/06/95
95282225	282225	NORTHWEST PIPELINE	MILE MARKER 1273 STE RD 504	CASTLE ROCK	COWLETT	WA	WASTE OIL	0.00	U	03/06/95
95282314	282314	DARIGOLD INC	611 FRONT ST N	ISSAQUAH	KING	WA	NATURAL GAS	300.00	P	03/06/95
95282422	282422	RAINY RIVER FOREST PROD.	4302 CHAMBERS CREEK RD	STELLACOM	PIERCE	WA	AMMONIA, ANHYDROUS	10.00	P	03/08/95
95282742	282742	WEYERHAEUSER COMPANY	SHELTON HARBOR	SHELTON	MASON	WA	CHLORINE	2.00	O	03/10/95
95282926	282926	NEAR SLIDE CREEK	1-90 WESTBOUND AT VANTAGE BRIDGE MILE	CHEHALIS	LEWIS	WA	GASOLINE: AUTOMOTIVE (4.25G	0.00	U	03/12/95
95283132	283132	126TH WAY NE	EVERETT	KIRKLAND	KING	WA	ETHYLENE GLYCOL	0.00	U	03/16/95
95283659	283659	SCOTT PAPER	2600 FEDERAL AVE	KALAMA	COWLETT	WA	BIPHENYL	27.00	P	03/20/95
95283774	283774	CURLEW GAS STATION	822 RIVER ST	CURLEW	FERRY	WA	GASOLINE: AUTOMOTIVE (UNLEAD	100.00	G	03/21/95
95283856	283856	KALAMA CHEMICAL	CANADIAN SEWAGE PLANT TRAILS, BRITISH	ORIENT	FERRY	WA	RAV SEWAGE	0.00	U	03/21/95
95284071	284071	ARROW TRANSPORTATION	PUGET SOUND FLOATING BRIDGE OFF OF INT	SEATTLE	KING	WA	UNKNOWN OIL	0.00	U	03/20/95
95284073	284073	ARMY CORP OF ENGINEERS	WEST OF 1-5 FRUIT VALLEY RD MILEPOST 3	VARCOUVER	CLARK	WA	SULFURIC ACID	3,000.00	G	03/22/95
95284144	284144	WASTE MANAGEMENT	1611 SOUTH WASHINGTON ST	THE DALLES	Klickitat	WA	HYDRAULIC OIL	5.00	G	03/22/95
95284260	284260	BURLINGTON NORTHERN R/R	INTAKE DECK BULKHEAD SLOT 17-2	KENNEWICK	BENTON	WA	WASTE OIL/LUBRICANTS - POSS.	40.00	G	03/22/95
95284513	284513	USA-FORT LEWIS	BLDG 2055	VADER	LEWIS	WA	OIL, FUEL: NO. 2-D	0.00	U	03/27/95
95284676	284676	ITT-RANIER	ENIS CREEK	FORT LEWIS	PIERCE	WA	UNKNOWN MATERIAL	0.00	U	03/30/95
95285030	285030	HOLBROOK LOGGING & SORT	925 N WASHINGTON	PORT ANGELES	CLALLAM	WA	HYDRAULIC OIL	20.00	U	04/06/95
95285941	285941	KALAMA CHEMICAL	6401 MERIDIAN ST	OLYMPIA	THURSTON	WA	NATURAL GAS	0.00	U	04/07/95
95286105	286105	ARCO PRODUCTS CO.	1296 3RD ST NW	BELLINGHAM	COWLETT	WA	BENZENE	2.00	G	04/10/95
95286800	286800	WESTINGHOUSE HANFORD	ARCO-CHERRY POINT REFINER 4519 GRANDVI	BLAINE	WHATCOM	WA	JET FUEL: JP-5 (KEROSENE, HE	50.00	P	04/12/95
95286851	286851	KALAMA CHEMICAL	PARKING LOT AT NO. 1171 (BUS PARKING L	RICHLAND	BENTON	WA	ETHYLENE GLYCOL	4.00	P	04/12/95
95286914	286914	WESTINGHOUSE HANFORD	1296 3RD ST NW	KALAMA	COWLETT	WA	BENZENE	10.00	G	04/12/95
95287375	287375	BOISE CASCADE CORP	5 MILES EAST OF COLFAX	RICHLAND	BENTON	WA	ETHYLENE GLYCOL	8.00	P	04/17/95
95287381	287381	USA-FORT LEWIS	GRID COORDINATES 335097	COLFAX	WHITMAN	WA	FERTILIZER (AQUA AMMONIA AND	2,000.00	G	04/17/95
95287552	287552	LIGHT DEPT	2000 COOK RD	WALLULA	WALLA WALLA	WA	SULFURIC ACID	25.00	G	04/18/95
95287881	287881	RAYONIER INC	700 NORTH ENNIS ST	FORT LEWIS	PIERCE	WA	JET FUEL: JP-8	5.00	G	04/20/95
95288132	288132		336 ADMIRAL WAY G DOCK	PORT ANGELES	THURSTON	WA	HYDRAULIC OIL	4.00	P	04/21/95
95288433	288433			EDMONDS	SNOWHISH	WA	SULFUR DIOXIDE	0.00	U	04/24/95

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95289140	289140	BATTELLE	LAKE UNION AND LAKE WASHINGTON	SEATTLE	KING	WA	UNKNOWN OIL	0.00	U	04/28/95
95289205	289205	JAMES RIVER CO	ON DOE HANFORD SITE AIR-LAND ECOL RESE	RICHLAND	BENTON	WA	ETHYLENE GLYCOL	5.00	G	04/28/95
95289294	289294	WASHINGTON DEP OF TRANS	NE 4 TH AND ADAMS	CAMAS	CLARK	WA	GREEN LIQUOR	100.00	G	04/29/95
95289578	289578	RAINIER LTD	MILEPOST 246	WALKER	WALLA WALLA	WA	SODIUM HYDROXIDE	0.00	U	05/02/95
95289840	289840	STATE RT 410 AT CAYUSE PASS	ENIIS CIRCLE	ENUNCLAW	PIERCE	WA	HYDRAULIC OIL	2.00	U	05/02/95
95289958	289958	ROBERT SALVAGE	RTE 532 1.5 MILES WEST OF STANWOOD	PORT ANGELES	CLALLAM	WA	SPOKE	0.00	U	05/04/95
95290005	290005	USN-SUB BASE BANGOR	BLDG 7052 TRF SUB BASE BANGOR]	STANWOOD	ISLAND	WA	GASOLINE: AUTOMOTIVE (UNLEAD	0.00	U	04/15/95
95290165	290165	US ARMY CORP OF ENG	MUD MOUNTAIN DAM	POULSB	KITSAP	WA	CALCIUM METAL REAGENT	2.00	O	05/05/95
95290848	290848	BELLINGHAM COLD STORAGE	2825, ROEDER AVE	ENUNCLAW	PIERCE	WA	HYDRAULIC OIL	25.00	G	05/10/95
95291589	291589	CENTRALIA CITY LIGHT	20000 COOK RD	BELLINGHAM	WHATCOM	WA	AMMONIA, ANHYDROUS	10.00	P	05/15/95
95291804	291804	JENSEN & GRAVEL CO	PORT LUDLOW MARINA FUEL DOCK	YELM	THURSTON	WA	HYDRAULIC OIL	5.00	G	05/16/95
95291889	291889	UNION PACIFIC RAILROAD	548 DIXON ST	PORT LUDLOW	JEFFERSON	WA	UNKNOWN OIL	0.00	U	05/17/95
95292061	292061	NORTHERN VICTOR	2431 EAST MARGINAL WAY S PIER 30	ENUNCLAW	KING	WA	UNKNOWN OIL	0.00	U	05/18/95
95292257	292257	SCOTT PAPER	PIER 91	FIFE	PIERCE	WA	OIL: DIESEL	300.00	G	05/19/95
95292655	292655	BONNEVILLE POWER ADMIN	WALLA WALLA SUBSTATION	SEATTLE	KING	WA	UNKNOWN MATERIAL	0.00	U	05/23/95
95293873	293873	JAMES RIVER CO	2600 FEDERAL AVE	SEATTLE	KING	WA	OIL, FUEL: NO. 2	40.00	U	06/01/95
95294272	294272	WILKINS DISTRIBUTING	NORTH EAST 4TH ADAMS ST	WALLA WALLA	SNOMONISH	WA	POLYCHLORINATED BIPHENYLS	11.00	P	06/04/95
95294290	294290	RAYONIER INC	18404 SE 264TH PLACE	EVERETT	SNOMONISH	WA	SULFUR DIOXIDE	1.00	G	06/05/95
95294564	294564	RAYONIER INC	300 N ENNIS ST	CAMAS	CLARK	WA	OIL, FUEL: NO. 2-D	20.00	G	06/06/95
95294587	294587	RAYONIER INC	134 BAY ST WEST	PORT ORCHARD	KING	WA	UNKNOWN OIL	0.00	U	06/07/95
95294777	294777	RAYONIER INC	4112 236 ST SOUTH WEST APT O-306	MOUNTLAKE TE	KITSAP	WA	OIL, FUEL: NO. 2-D	100.00	G	06/08/95
95294925	294925	PACIFIC POWER	300 N ENNIS ST	PORT ANGELES	SNOMONISH	WA	OIL, MISC: MOTOR	0.00	U	06/09/95
95295649	295649	UNKNOWN	675 SPRING STREET	COUGAR	CLALLAM	WA	SULFUR DIOXIDE	2.00	P	06/15/95
95296133	296133	ARCO PRODUCTS CO.	18404 SE 264TH PLACE	KENT	SKAMANIA	WA	OIL, MISC: MINERAL	1.00	G	06/18/95
95296766	296766	BONNEVILLE POWER ADMIN	3716 MAIN ST	FRIDAY HARBO	KING	WA	NATURAL GAS	0.00	U	06/23/95
95297112	297112	AMERICOLD CORP.	5240 TROSPER ST SW	BLAINE	SAN JUAN	WA	UNKNOWN MATERIAL	0.00	U	06/25/95
95297505	297505	RAYONIER INC	5805 INDUSTRIAL WAY	OLYMPIA	WHATCOM	WA	HYDROGEN SULFIDE	0.00	U	06/26/95
95298030	298030	PORT OF EDMONDS	300 N ENNIS ST	PASCO	YAKIMA	WA	EPYAM 7-ESELECTIVE HERBICID	10.00	G	06/28/95
95298039	298039	WEYERHAEUSER INC	336 ADMIRAL WAY	PORT ANGELES	THURSTON	WA	POLYCHLORINATED BIPHENYLS	1.00	G	06/30/95
95298847	298847	WEYERHAEUSER INC	1400 FARRAGUT AVE	EDMONDS	CLALLAM	WA	AMMONIA, ANHYDROUS	0.00	U	07/01/95
95299543	299543	WEYERHAEUSER	420 STATE ST	BREMERSON	SNOMONISH	WA	SULFUR DIOXIDE	4.00	P	07/01/95
95300152	300152	JOHNSON CONTROL	3401 INDUSTRIAL WAY	SEDERO-WOOLLE	KITSAP	WA	UNKNOWN OIL SHEEN	1.00	G	07/07/95
95300782	300782	GENERAL TRANSPORT CO	172ND ST AND 140TH AVE SE ARCO AM/PM	LONGVIEW	SKAGIT	WA	UNKNOWN OIL	0.00	U	07/14/95
95302006	302006	WEYERHAEUSER INC	700 NORTH ENNIS	SILVERDALE	COMLITZ	WA	CHLORINE	10.00	P	07/21/95
95302725	302725	RAYONIER INC	1296 3RD ST NW	RENTON	KITSAP	WA	ETHYLENE GLYCOL	2.00	G	07/24/95
95302738	302738	KALAMA CHEMICAL	4400 304TH STREET OVER MUCK CREEK	PEELL	LEWIS	WA	OIL: DIESEL	10.00	G	07/29/95
95302865	302865	PIERCE COUNTY	4225 87TH AVE NE WEST SIDE OF ROAD/ACR	PORT ANGELAS	CLALLAM	WA	HYDRAULIC OIL	35.00	G	07/31/95
95302931	302931	USA-FORT LEWIS	504 SOUTH 1ST STREET ALLEY BEHIND 1ST	KALAMA	CLALLAM	WA	SULFUR DIOXIDE	5.00	P	08/04/95
95303075	303075	MARIANAS APARTMENTS	11904 RENTON AVENUE S. #204	PASCO	FRANKLIN	WA	TOLUENE	50.00	P	08/04/95
95303201	303201	NONE		KALAMA	COMLITZ	WA	TOLUENE	2,000.00	P	08/04/95
				PUYALLUP	COMLITZ	WA	TOLUENE	190.00	G	08/06/95
				EVERETT	PIERCE	WA	CREOSOTE, WOOD	0.00	U	08/06/95
				FORT LEWIS	SNOMONISH	WA	OIL, MISC: TRANSFORMER	0.00	U	08/06/95
				MT VERNON	PIERCE	WA	JET FUEL: JP-8	5.00	G	08/07/95
				SEATTLE	SKAGIT	WA	BLUE PAINT FOR OUTSIDE OF BU	0.00	U	08/08/95
					KING	WA	ASBESTOS	0.00	U	/ /

Keys to UN (units): B=barrels; D=drums; G=gallons; P=pounds; O=others; U=unknown; T=tons

EPA REGION 10 FOIA REPORT - 02/28/90

DOUGLAS COUNTY, WA - ALL NOTIFIERS

SORTED BY HANDLER NAME AND

NUMBER OF RECORDS: 44

COPIES TO ALL MEMBERS
IN THE FIELD

UNIT	FACILITY NAME	LOCATION ADDRESS	CITY	ZIP	COUNTY	STATE	TYPE	REMARKS
0100	AKUO PRODUCTS CO OIL PRESTIGE	111 VALLEY MALL PKY	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0140	BEINLECHER JAND & GARVEL INC	170 RIVERVIEW DR	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0150	BEINLECHER JAND & GARVEL SHOP	120 RIVERVIEW DR	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0000	CHELAN CO PUB ROCK ISLAND	PKY 20 12 MI S OF MEMPHIS	ROCK ISLAND	38030	MEMPHIS	TN	A	
0170	CHEVRON USA INC MANSFIELD BOLA	AIRPORT RD	MANSFIELD	38030	MEMPHIS	TN	U	
0200	CHEVRON USA INC WATERVILLE BOLA	303 N CENTRAL	WATERVILLE	38030	MEMPHIS	TN	U	
0107	CLASSIC ONE EAST	600 OLDS VALLEY MALL PKY	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0301	CLASSIC ONE EAST	210 EASTMONT AVE	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0240	COSTCO WHOLESALE LLC	375 HIGHLAND DR S	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0301	JOHN TRUCK REPAIR	1015 FOSTER AVE	BRIDGEPORT	38013	MEMPHIS	TN	U	
0201	OOBLES CO PUBLIC WKS DEPT	600 N MONROE ST	WATERVILLE	38030	MEMPHIS	TN	U	
0000	OOBLES DIESEL REPAIR & PARTS	170 RIVERVIEW DR	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0074	EASTMONT BODY SHOP INC	100 ROCK ISLAND RD	EAST MEMPHIS	38002	MEMPHIS	TN	U	
1700	EXECUTIVE FLIGHT INC	PANGLOSS AIRPT	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0395	FARRELL PRODUCTS INC	2017 CASADE AVE NW	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0190	GREATER MEMPHIS REGIONAL LUF	191 MEDE RD	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0304	H & H ENTERPRISES	302 S JARVIS	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0700	MYSTER SALES	734 ROCK ISLAND RD	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0400	H & H CENTRAL LAD	101 IRMO LVS 11TH ME	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0037	MCMURRAY GARY	3055 NW CASADE ST	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0000	MID LIFE ENTERPRISE	3225 NW ALLAN AVE	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0402	MID STATE CLEANERS	600 VALLEY MALL PKY	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0395	MONTAGESI PIPELINE CORP ALCOA	T21H RD2 301 NW1/4	ROCK ISLAND	38030	MEMPHIS	TN	U	
0000	MONTAGESI PIPELINE CORP APPLIED	T21H RD2 329 NW1/4	ROCK ISLAND	38030	MEMPHIS	TN	U	
0117	PANBURN MEMORIAL AIRPORT	ONE PANBURN DR	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0045	ROCK ISLAND GROCERY	200 ROCK ISLAND RD	ROCK ISLAND	38030	MEMPHIS	TN	U	
0140	SILICON METALTECH INC	100 S 4TH ST	ROCK ISLAND	38030	MEMPHIS	TN	U	
0000	TEACU JACNS EASTMONT	60 5TH ST NE	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0171	USDA FS FIRE LACHE	T22H RD2 310	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0341	USDA FS CHIEF JOSEPH SUBSTA	PKY 17 2 MI SE OF LY	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0147	USDA FS SICKLES SUBSTA	0.5 MI NE FR MEMPHIS	EAST MEMPHIS	38002	MEMPHIS	TN	U	
0903	WATERVILLE PARTS & SVC CTR	W COUNTY & AIRPORT RD OLDS	WATERVILLE	38030	MEMPHIS	TN	U	
0111	WIDE AND JUNE LAD SPUR LANE	LUT 37 & 30 SPUR LANE	CHELAN FALLS	38017	MEMPHIS	TN	U	
0071	WOT MANSFIELD JST	SK 170	MANSFIELD	38030	MEMPHIS	TN	U	
0340	WOT UNKNUC PKY OL 110	120A RD2 327 301/4 301/4	UNKNUC	38043	MEMPHIS	TN	U	
0109	WOT UNKNUC PKY OL 170	120A RD2 30	UNKNUC	38043	MEMPHIS	TN	U	
0140	WOT WATERVILLE JST	0.2 MI 140 S W OF PKY	WATERVILLE	38030	MEMPHIS	TN	U	

THE FOLLOWING ACTIVITY CODES FROM THE EPA NOTIFICATION FORM SUBMITTED BY THE FACILITY

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SEN CODES ==> 1 - LARGE WLF GENERATOR / 2 - SMALL WLF GENERATOR / 3 - CONDITIONALLY EXEMPT
TRAN CODES ==> 0 - COMMERCIAL TRANSPORTER / 1 - SELF TRANSPORTER / 2 - TRANSPORTER STATUS UNKNOWN
POL NARC USE ==> 0 - DRUG ONLY / 1 - OAF, SMALL, OEFEN / 2 - DRUG, SM, WLF EXEMPT / 3 - NON RES USE / 4 - OTHER USE
USED OIL KEY ==> 1 - USED OIL RECYCLED / 0 - NOT A OIL RECYCLED, VERIFIED
NON-RES CODES ==> 0 - NON-RES GENERATOR / 1 - NON-RES TRANSPORTER / 2 - NON-RES ISO / 3 - NON-RES CARRIER/BLENDER

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04/20/70

DOUGLAS COUNTY, NM - ALL NOTIFIERS
 LISTED BY HANDLER NAME AND

EPA ID NO.	FACILITY NAME	LOCATION ADDRESS	CITY	ZIP	COUNTY	T
NAU 00004 0452	WESTERN FARM SVC INC MANSFIELD	AIRPT RD & RAILRO AVE	MANSFIELD	98830	DOUGLAS	3
NAU 70047 1975	WESTERN FARM SVC INC WATERVILLE	N COUNTY & AIRPORT RDS BLDG	WATERVILLE	98850	DOUGLAS	3
NAU 98020 0705	ASUA BRIDGEPORT 1	129N R25E S22	BRIDGEPORT	98813	DOUGLAS	N
NAU 98023 0815	ASUA CHELAN 6	602 DANIELS DR	EAST WENATCHEE	99802	DOUGLAS	N
NAU 00000 5124	ASUA DOUGLAS 1	120N R21E S3	DOUGLAS	98843	DOUGLAS	1
NAU 98032 0029	ASUA N WENATCHEE 1	4380 NW CASCADE AVE	EAST WENATCHEE	98802	DOUGLAS	N
NAU 98050 1000	ASU SMITH TRACT ORCHARDS	6 MI N INT HWY 2 & 20	DOUGLAS	98843	DOUGLAS	N

*** NOTE: THE FOLLOWING ACTIVITY CODES FROM THE EPA NOTIFICATION FORM SUBMITTED BY THE FACILITY

GEN CODES ==> 1 - LARGE QTY GENERATOR / 2 - SMALL QTY GENERATOR / 3 - CONDITIONALLY EXEMPT

TRAN CODES ==> C - COMMERCIAL TRANSPORTER / S - SELF TRANSPORTER / X - TRANSPORTER, STATUS UNKNOWN

HAZ WASTE DBL ==> D - DIF ONLY / U - DIF, SMELT. DEFEN / E - DIF, SM QTY EXEMPT / N - NON-REG DBL / X - U1

USED OIL RECY ==> X - USED OIL RECYCLER / N - NOT A OIL RECYCLER, VERIFIED

NON-REG CODES ==> G - NON-REG GENERATOR / T - NON-REG TRANSPORTER / S - NON-REG TSD / D - NON-REG BURNER

4760	09/13/89	DOUGLAS COUNTY PUD	109 13TH & FAIRVIEW	BRIDGEPORT	98813	REPORTED CLEANED UP	06/01/95	DOUGLAS C	DOUGLAS
6690	03/27/91	CHIEF JOSEPH DAM	PEARL HILL RD	BRIDGEPORT	988131120	UNKNOWN	06/01/95	DOUGLAS C	DOUGLAS
8029	05/07/92	DOUGLAS COUNTY SHOP	110 3RD STREET	NORTH EAST	EAST WENATCHEE	988024801	UNKNOWN	06/01/95	DOUGLAS C
10969	01/06/93	CITY OF EAST WENATCHEE	271 9TH ST NE	EAST WENATCHEE	988024438	UNKNOWN	06/01/95	DOUGLAS C	DOUGLAS
5319	01/01/81	WARD A GLESSNER	131 WALNUT ST	MANSFIELD	98830	UNKNOWN	06/01/95	DOUGLAS C	DOUGLAS
5646	07/14/95	AUVIL FRUIT CO INC	RANCH #1	HC 78 BOX 42	ORONDO	98843	CLEANUP STARTED	09/14/95	DOUGLAS C
11855	03/26/93	CASCADE FOOTHILLS FRUIT & LAND CO	STATE ROUTE 151	MP 149.2	WATERVILLE	CLEANUP STARTED	09/30/94	DOUGLAS C	DOUGLAS
12253	09/30/94	WATERVILLE MAINTENANCE SITE	SR 2, MP 149.2	WATERVILLE	CLEANUP STARTED	09/30/94	DOUGLAS C	DOUGLAS	DOUGLAS

73	GRANT ROAD ORCHARD/CLOSED 3555 GRANT ROAD	EAST WENATCHEE	98801	5096627164 DOUGLAS 2	12/31/64 00:00:00	Removed	Steel-Unprotected 1
7452	DOUGLAS CO FIRE DIST #2 1100 VALLEYMALL PKWY	EAST WENATCHEE	98801	5098846671 DOUGLAS 2	12/31/64 00:00:00	Removed	Steel-Unprotected 1
12370	EAST WENATCHEE CENTRAL OFFICE (4810-B0	EASTMONT ST	EAST WENATCHEE	98801	5098849521 DOUGLAS 4810-B01-1	5/4/86 00:00:00	Operational Steel Clad with
Fiberglass 1							
297	MAID O'CLOVER, INC. 501 GRANT RD	EAST WENATCHEE	98801	5092483562 DOUGLAS 1	6/30/69 00:00:00	Operational	Steel-Unprotected 1 LEADED GASOLINE
297	MAID O'CLOVER, INC. 501 GRANT RD	EAST WENATCHEE	98801	5092483562 DOUGLAS 2	6/30/69 00:00:00	Operational	Steel-Unprotected 1 UNLEADED GASOLINE
297	MAID O'CLOVER, INC. 501 GRANT RD	EAST WENATCHEE	98801	5092483562 DOUGLAS 3	6/30/69 00:00:00	Operational	Steel-Unprotected 1 UNLEADED GASOLINE
73	GRANT ROAD ORCHARD/CLOSED 3555 GRANT ROAD	EAST WENATCHEE	98801	5096627164 DOUGLAS 1	12/31/64 00:00:00	Removed	Steel-Unprotected 1 LEADED
GASOLINE							
11863	KAYO'S SERVICE STATION 400 VALLEY MALL PKWY	EAST WENATCHEE	98801	5098846711 DOUGLAS 1	5/1/73 00:00:00	Operational	Steel-Unprotected 1 LEADED
GASOLINE							
11863	KAYO'S SERVICE STATION 400 VALLEY MALL PKWY	EAST WENATCHEE	98801	5098846711 DOUGLAS 2	5/1/73 00:00:00	Operational	Steel-Unprotected 1 LEADED
GASOLINE							
11863	KAYO'S SERVICE STATION 400 VALLEY MALL PKWY	EAST WENATCHEE	98801	5098846711 DOUGLAS 3	5/1/73 00:00:00	Operational	Steel-Unprotected 1 LEADED
GASOLINE							
7452	DOUGLAS CO FIRE DIST #2 1100 VALLEYMALL PKWY	EAST WENATCHEE	98801	5098846671 DOUGLAS 1	12/31/64 00:00:00	Removed	Steel-Unprotected 1
LEADED GASOLINE							
2904	FAR WEST SERVICES INC. 14 ROCK ISLAND ROAD PO BOX 0217	EAST WENATCHEE	98801	5098847134 DOUGLAS 1	5/10/74 00:00:00	Removed	Steel-Unprotected 1
Steel-Unprotected 1	UNLEADED GASOLINE						
529	EAST WENATCHEE WATER DISTRICT SHOP	15 TH AND EASTMONT	EAST WENATCHEE	988014458	5098842451 DOUGLAS 4	11/1/84 00:00:00	Operational 111 to 1,100 Gallons
Steel-Unprotected 1							
529	EAST WENATCHEE WATER DISTRICT SHOP	15 TH AND EASTMONT	EAST WENATCHEE	988014458	5098842451 DOUGLAS 2	12/31/64 00:00:00	Closed in Place 111 to 1,100 Gallons
Steel-Unprotected 1							
529	EAST WENATCHEE WATER DISTRICT SHOP	15 TH AND EASTMONT	EAST WENATCHEE	988014458	5098842451 DOUGLAS 3	11/1/84 00:00:00	Operational 111 to 1,100 Gallons
Steel-Unprotected 1							
529	EAST WENATCHEE WATER DISTRICT SHOP	15 TH AND EASTMONT	EAST WENATCHEE	988014458	5098842451 DOUGLAS 1	12/31/64 00:00:00	Closed in Place 111 to 1,100 Gallons
Steel-Unprotected 1							
101820	WSU COLUMBIA VIEW ORCHARDS	3119 LONGVIEW ROAD	EAST WENATCHEE	98802	5098840161 DOUGLAS 2	6/1/87 00:00:00	CLOSURE IN PROCESS 111 to 1,100
Gallons	Steel-Unprotected 1						
3451	GREATER WENATCHEE REGIONAL LANDFILL & RECYCLING CENTER	191 WEBB RD	EAST WENATCHEE	98802	5096624591 DOUGLAS 1	7/1/84 00:00:00	Operational 111 to 1,100
Gallons	Steel-Unprotected 1						
3451	GREATER WENATCHEE REGIONAL LANDFILL & RECYCLING CENTER	191 WEBB RD	EAST WENATCHEE	98802	5096624591 DOUGLAS 2	7/1/84 00:00:00	Operational 111 to 1,100
Gallons	Steel-Unprotected 1						
5270	INLAND AIR SERVICE INC	607 15TH NE	EAST WENATCHEE	98802	5098847189 DOUGLAS 2	12/31/64 00:00:00	Operational Steel-Unprotected 1 AVIATION FUEL
5270	INLAND AIR SERVICE INC	607 15TH NE	EAST WENATCHEE	98802	5098847189 DOUGLAS 3	12/31/64 00:00:00	Operational Steel-Unprotected 1 AVIATION FUEL
5270	INLAND AIR SERVICE INC	607 15TH NE	EAST WENATCHEE	98802	5098847189 DOUGLAS 4	12/31/64 00:00:00	Operational Steel-Unprotected 1 UNLEADED GASOLINE
5270	INLAND AIR SERVICE INC	607 15TH NE	EAST WENATCHEE	98802	5098847189 DOUGLAS 5	12/31/64 00:00:00	Closed in Place Steel-Unprotected 1 AVIATION FUEL
5270	INLAND AIR SERVICE INC	607 15TH NE	EAST WENATCHEE	98802	5098847189 DOUGLAS 6	12/31/64 00:00:00	Closed in Place Steel-Unprotected 1 LEADED GASOLINE
101820	WSU COLUMBIA VIEW ORCHARDS	3119 LONGVIEW ROAD	EAST WENATCHEE	98802	5098840161 DOUGLAS 1	6/1/87 00:00:00	CLOSURE IN PROCESS 111 to 1,100
Gallons	Steel-Unprotected 1						
1653	PANGBORN MEMORIAL AIRPORT 1 PANGBORN DR	EAST WENATCHEE	988020000	5098842494 DOUGLAS M	6/30/68 00:00:00	Removed	Steel-Unprotected 1

1653	PANGBORN MEMORIAL AIRPORT 1	PANGBORN DR	EAST WENATCHEE	988020000	5098842494	DOUGLAS D	12/31/64 00:00:00	Removed	Steel-Unprotected	1	LEADED
GASOLINE											
1653	PANGBORN MEMORIAL AIRPORT 1	PANGBORN DR	EAST WENATCHEE	988020000	5098842494	DOUGLAS E	12/31/64 00:00:00	Removed	Steel-Unprotected	1	LEADED
GASOLINE											
1653	PANGBORN MEMORIAL AIRPORT 1	PANGBORN DR	EAST WENATCHEE	988020000	5098842494	DOUGLAS K	12/31/64 00:00:00	Removed	Steel-Unprotected	1	LEADED
GASOLINE											
1653	PANGBORN MEMORIAL AIRPORT 1	PANGBORN DR	EAST WENATCHEE	988020000	5098842494	DOUGLAS Q	6/30/68 00:00:00	Operational	Steel-Unprotected	1	AVIATION FUEL
1653	PANGBORN MEMORIAL AIRPORT 1	PANGBORN DR	EAST WENATCHEE	988020000	5098842494	DOUGLAS R	6/30/68 00:00:00	Operational	Steel-Unprotected	1	AVIATION FUEL
1653	PANGBORN MEMORIAL AIRPORT 1	PANGBORN DR	EAST WENATCHEE	988020000	5098842494	DOUGLAS F	12/31/64 00:00:00	Removed	Steel-Unprotected	1	USED
OIL/WASTE OIL											
1653	PANGBORN MEMORIAL AIRPORT 1	PANGBORN DR	EAST WENATCHEE	988020000	5098842494	DOUGLAS B	12/31/64 00:00:00	Closed in Place	Steel-Unprotected	1	LEADED
GASOLINE											
1653	PANGBORN MEMORIAL AIRPORT 1	PANGBORN DR	EAST WENATCHEE	988020000	5098842494	DOUGLAS C	12/31/64 00:00:00	Closed in Place	Steel-Unprotected	1	
UNLEADED GASOLINE											
1653	PANGBORN MEMORIAL AIRPORT 1	PANGBORN DR	EAST WENATCHEE	988020000	5098842494	DOUGLAS N	6/30/68 00:00:00	Removed	111 to 1,100 Gallons	Steel-Unprotected	1
UNLEADED GASOLINE											
6543	HALE & LONG GENERAL CONTRACTORS INC.	1040 VALLEY MALL PKWY	EAST WENATCHEE	988020038	5098846663	DOUGLAS 3	3/1/75 00:00:00	CLOSED	TEMPORARILY CLOSED		
Steel-Unprotected 1											
6543	HALE & LONG GENERAL CONTRACTORS INC.	1040 VALLEY MALL PKWY	EAST WENATCHEE	988020038	5098846663	DOUGLAS 1	3/1/75 00:00:00	CLOSED	TEMPORARILY CLOSED		
Steel-Unprotected 1											
6543	HALE & LONG GENERAL CONTRACTORS INC.	1040 VALLEY MALL PKWY	EAST WENATCHEE	988020038	5098846663	DOUGLAS 2	3/1/75 00:00:00	CLOSED	TEMPORARILY CLOSED		
Steel-Unprotected 1											
10970	CITY OF EAST WENATCHEE 10 RAMAKER WAY/PO BOX 7159	EAST WENATCHEE	988020159	5098849515	DOUGLAS 1	12/31/64 00:00:00	Removed	111 to 1,100 Gallons			
UNLEADED GASOLINE											
10970	CITY OF EAST WENATCHEE 10 RAMAKER WAY/PO BOX 7159	EAST WENATCHEE	988020159	5098849515	DOUGLAS 2	12/31/64 00:00:00	Removed	111 to 1,100 Gallons			
UNLEADED GASOLINE											
1474	JOHNSONS CYCLE & MARINE SALES INC.	1051 VALLEY MALL PARKWAY	EAST WENATCHEE	988024403	5098842431	DOUGLAS 1	1/1/78 00:00:00	CLOSURE IN PROCESS	111 to 1,100		
Gallons											
4758	PUD NO 1 OF DOUGLAS COUNTY 1151 VALLEY MALL PARKWAY	EAST WENATCHEE	988024405	5098847191	DOUGLAS 2 E.W.	3/19/78 00:00:00	Removed	Steel-Unprotected	1		
Steel-Unprotected 1											
4758	PUD NO 1 OF DOUGLAS COUNTY 1151 VALLEY MALL PARKWAY	EAST WENATCHEE	988024405	5098847191	DOUGLAS 3 E.W.	12/31/64 00:00:00	Closed in Place	111 to 1,100 Gallons			
Steel-Unprotected 1											
4758	PUD NO 1 OF DOUGLAS COUNTY 1151 VALLEY MALL PARKWAY	EAST WENATCHEE	988024405	5098847191	DOUGLAS 1 E.W.	3/19/78 00:00:00	Removed	Steel-Unprotected	1		
Steel-Unprotected 1											
1143	EASTMONT SCHOOL DISTRICT 206	345 6TH ST NE	EAST WENATCHEE	988024425	5098846516	DOUGLAS #2	11/9/82 00:00:00	Operational	Fiberglass Reinforced Plastic	1	
1143	EASTMONT SCHOOL DISTRICT 206	345 6TH ST NE	EAST WENATCHEE	988024425	5098846516	DOUGLAS #3	6/1/72 00:00:00	Operational	Steel-Unprotected	1	LEADED
GASOLINE											
1143	EASTMONT SCHOOL DISTRICT 206	345 6TH ST NE	EAST WENATCHEE	988024425	5098846516	DOUGLAS #1	10/1/79 00:00:00	Operational	Steel-Unprotected	1	UNLEADED
GASOLINE											
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531	DOUGLAS 5	1/1/89 00:00:00	Exempt	Coated Steel	1	
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531	DOUGLAS 1	12/31/64 00:00:00	Removed	Steel-Unprotected	1	LEADED
GASOLINE											
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531	DOUGLAS 2	12/31/64 00:00:00	Removed	Steel-Unprotected	1	
UNLEADED GASOLINE											
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531	DOUGLAS 3	12/31/64 00:00:00	Removed	Steel-Unprotected	1	
UNLEADED GASOLINE											
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531	DOUGLAS 1-1R-8000	1/1/89 00:00:00	Operational	Coated Steel	1	
UNLEADED GASOLINE											
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531	DOUGLAS 2-2R-4000	10/29/89 00:00:00	Operational	Coated Steel	1	
UNLEADED GASOLINE											
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531	DOUGLAS 4-4R-550	12/31/64 00:00:00	Exempt	111 to 1,100 Gallons	Coated Steel	
HEATING FUEL											
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531	DOUGLAS 4	1/1/89 00:00:00	Operational	Fiberglass Reinforced Plastic	1	
UNLEADED GASOLINE											
2118	JACKS TEXACO APPLE VALLEY GOLF CAR	88 9TH ST NE	EAST WENATCHEE	988024435	5098846531	DOUGLAS 3-3R-550	1/1/89 00:00:00	Operational	111 to 1,100 Gallons	Coated Steel	
USED OIL/WASTE OIL											
10969	CITY OF EAST WENATCHEE 271 9TH ST NE	EAST WENATCHEE	988024438	5098841829	DOUGLAS 2	12/31/64 00:00:00	Removed	1			

100318	BIS LINCOLN ROCK	RT3 BOX 3113 BB	EAST WENATCHEE	988029803	5098846001 DOUGLAS 4DO	3/3/87 00:00:00	Operational	Steel-Unprotected	1	LEADED
100318	BIS LINCOLN ROCK	RT3 BOX 3113 BB	EAST WENATCHEE	988029803	5098846001 DOUGLAS 3REG	3/3/87 00:00:00	Operational	Steel-Unprotected	1	LEADED
GASOLINE										
100318	BIS LINCOLN ROCK	RT3 BOX 3113 BB	EAST WENATCHEE	988029803	5098846001 DOUGLAS 2NL	3/3/87 00:00:00	Operational	Steel-Unprotected	1	UNLEADED GASOLINE
100318	BIS LINCOLN ROCK	RT3 BOX 3113 BB	EAST WENATCHEE	988029803	5098846001 DOUGLAS 1SUP	3/3/87 00:00:00	Operational	Steel-Unprotected	1	UNLEADED GASOLINE
7233	BASIN ASPHALT CO.	320 RIVERVIEW	EAST WENATCHEE	988071628	5092486823 DOUGLAS 1	1/1/83 00:00:00	Operational	Steel-Unprotected	1	UNLEADED GASOLINE
8028	MANSFIELD SHOP	NW1/4 NW1/4 NW1/4 S25 T27 R26	MANSFIELD	98813	5096831113 DOUGLAS M-2	12/31/64 00:00:00	Removed	111 to 1,100 Gallons	Steel-Unprotected	1

Confirmed and Suspected Contaminated Sites

Jul 25, 1998

COUNTY	SITE NAME	LOCATION ADDRESS CITY	ZIP CODE	SITE IND	STAT	WARM	AFFECTED MEDIA	STATUS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
COWLITZ	WEST COAST/MOBI OIL CO	604 14TH AVENUE LONGVIEW	98632-1804	3		1	Groundwater Soil	A C C																	
	WEYERHAEUSER CO (LONGVIEW)	3535 Industrial Way LONGVIEW	98632	3			Groundwater Soil	C C																	
	WEYERHAEUSER HQ CAMP	3434 S SILVER LAKE ROAD CASTLE ROCK	98811	4	2		Groundwater	C																	
DOUGLAS	BEEBE ORCHARD DUMP	MCCNEL CANYON ON CORRAL CREEK CHELAN FALLS	98817	2		6	Groundwater Soil Surface Water	S S S																	
	E WENATCHEE/DEPENDABLE DISPL.	191 WEBB RD E. WENATCHEE	98801	1			Drinking Water Groundwater Soil	S S S																	
	INLAND AIR SERVICE	BADGER MTN. RD - FANCHER FIELD E. WENATCHEE	98802	2		4	Drinking Water Groundwater Soil Surface Water	S S S S																	
	PANGBORN FIELD	GRANT ROAD E. WENATCHEE	98801	1			Soil Surface Water	C S																	
	SILICON METAL TECH(LAB SITE)	198 4TH STREET ROCK ISLAND	98850	4	2	5	Drinking Water Groundwater	S S																	

CONTAMINANT KEY: S-SUSPECTED C-CONFIRMED R-REMEDIATED B-BELOW MCL A-CLEANUP LEVELS

JUL 29, 1998

CONTAMINANT KEY: S-SUSPECTED, C-CONFIRMED, R-REMEDIATED, B-BELOW MCL/A CLEANUP LEVELS
REFER TO ATTACHED LEGEND FOR EXPLANATION OF CODED DATA

Jul 25, 1898

CONTAMINANT KEY: S-SUSPECTED, C-CONFIRMED, R-REMEDIATED, B-BELOW MCLTA CLEANUP LEVELS
REFER TO ATTACHED LEGEND FOR EXPLANATION OF CODED DATA

Hazardous Sites List

SITE REGISTER SPECIAL ISSUE - AUGUST 20, 1996

Central Region

Contact Persons: Tony Valero (509) 454-7833 or Michael Spencer (360) 407-7195

County	Site Name	Nearest City	Rank	Status
Benton	Ben Franklin Transit Co.	Richland	3	Independent RA
	CENEX, Kennewick	Kennewick	2	Independent RA
	J.R. Simplot Company	Prosser	4	Independent RA
	New City Cleaners	Richland	1	Awaiting RA
	Oggies Mini Mart	Prosser	3	Independent RA
	Pacific Recycling	Kennewick	2	Awaiting RA
	Pump, Pak & Eatery	Kennewick	3	Awaiting RA
	Sagetree Electric, Inc.	Kennewick	3	Awaiting RA
	Wellsian Way Well Field	Richland	2	Awaiting RA
Chelan	Cascade Helicopter	Cashmere	2	RA in Progress
	Cashmere Landfill	Cashmere	1	Awaiting RA
	Dryden Landfill	Dryden	4	Awaiting RA
	Glacier Park{	Leavenworth	1	RA in Progress
	Glacier Park{Boyd-Cascade			RA in Progress
	Glacier Park{Budget Fuel			RA in Progress
	Holden Mine Tailing/Wenatch	Holden	1	Independent RA
	Manson Landfill	Manson	2	Awaiting RA
	Unocal Bulk Plant #0082	Chelan	1	Awaiting RA
	Unocal Bulk Plant #0853	Wenatchee	1	Awaiting RA
	Unocal Service Station #4942	Wenatchee	2	Awaiting RA
	WSU Tree Fruit Research Unit	Wenatchee	3	Independent RA
	Wenatchee Elementary - Proposed	Wenatchee	5	Awaiting RA
	Wenatchee Middle School - Proposed	Wenatchee	5	Awaiting RA
Douglas	Beebe Orchard Dump	Chelan Falls	5	Awaiting RA
	Inland Air Service	E. Wenatchee	4	Awaiting RA
	Silicon Metaltech{Lab Site	Rock Island	5	Independent RA
	Silicon Metaltech{Lagoon	Rock Island	4	Independent RA
	WSU Smith Tract	E. Wenatchee	1	Awaiting RA
Kittitas	115 Mini Mart	Kittitas	3	Awaiting RA
	❖ Alpine Veneer Plant	Ronald	5	Awaiting RA
	Big B Mini-Mart	Ellensburg	4	Awaiting RA
	Bingo Fuel Stop	Thorp	2	RA in Progress
	❖ Cle Elum Petroleum Contam.	Cle Elum	3	Awaiting RA
	❖ DeVere Bulk Plant	Cle Elum	5	Awaiting RA
	Flying J Truck Stop	Ellensburg	4	Awaiting RA
	❖ Hill's Quick Tune	Cle Elum	5	Awaiting RA

Hazardous Sites List Legend:

❖ New site added to the ranked list, August 1996

◆ New site added to the National Priorities List (NPL)

Ranking: 0▼ Superfund site, State has lead

0▲ Superfund site, Federal (EPA) has lead

0* Superfund site, site is under a Federal Facilities Agreement

0□ Superfund site, EPA and State co-lead

APPENDIX G

WHITE SHIELD, INC.

Consulting Engineers and Surveyors

Key Personnel Resume

Stuart W. Fricke

Principal

EDUCATION

Washington State University
B.A., 1986, *Business Administration*
B.A., 1984, *Economics*
WSU Continuing Education
Hazardous Waste Site Remediation
CBC Continuing Education
Toxic Substance Control Act

REGISTRATION

40 Hour Hazardous Waste Certification
8 Hour WAC 296-62 Site Supervisor Training
UST Supervisor License - Washington #W001860
UST Decommission Supervisor - Oregon #11407
Soil Matrix Cleanup Supervisor - Oregon #12187

PROFESSIONAL EXPERIENCE

Mr. Fricke has over nine years of professional management experience. He is principal-in-charge of all operations of White Shield, Inc. including corporate policies, administration, finances, business development and employment. He is director of all technical operations including engineering, surveying and environmental services performed by the company. His project management experience includes work associated with engineering and survey projects throughout Northwest for the Indian Tribes, U.S. Forest Service, Corp of Engineers, Federal Highway Administration, Bureau of Indian Affairs, Pacific Gas Transmission Company, and private parties. Mr. Fricke is responsible for several hazardous waste studies and remedial actions on properties throughout Washington and Oregon. His experience includes projects with major banking institutions, the FDIC, U.S. Forest Service, Department of Wildlife, petroleum distributors, Bureau of Reclamation and private parties. He has been responsible for setting environmental assessment policy as necessary for real estate transactions, environmental impact studies, corrective action management plan preparation, and underground storage tank decommissioning and remediation.

Selected Project Experience

Program Management and Planning

Project Manger for civil design and erosion control plans for the National museum of American Indian Cultural Resource Center in Sultland, Maryland. This Smithsonian Institution project designed by Native American Design Collaborative involved Indian Designers and Artists throughout North America. Mr. Fricke was a participant in design charette which created the conceptual design direction for the project.

Master planning for the Pyramid Paiute Tribe for the Wadsworth town located on the Pyramid Lake Indian Reservation in Nevada. Mr. Fricke worked as a key team member in developing master plan of this old railroad town adjacent to Interstate 80 and prepared all master plan maps and exhibits.

Project Manager for complete engineering services on the 45,000 sf. Quinalt Indian Nation Casino Resort complex at Ocean Shores, Washington. Mr. Fricke directed design teams for wastewater treatment plans, on-site water supply, site drainage plans, roads and parking system design, topography and boundary surveys, environmental site assessment, and coordination of wetland studies. The project is located on 200 acres of Pacific Ocean beach front property and has extensive wetlands which complicates the drainage system and design of road and parking structures. The facility will require a 2 mile wastewater extension to the City of Ocean Shores wastewater plant.

Project Manager for complete engineering services on the 45,000 sf Yakama Indian Nation Casino at Toppenish, Washington. The project is located on 75 acres of trust land adjacent to the Yakama Agency & Cultural Center. The project includes site engineering, utility design, road and parking design, waste water pump station, water supply, geotechnical studies, topography and boundary survey, traffic study, and on-site construction inspection.

Survey and Engineering

Mr. Fricke is directly responsible for reviewing all estimates, labor requirements, and equipment requirements for the survey department. His experience includes projects throughout Washington, Oregon, Idaho, Arizona, and Nevada. He is the project director for the Walla Walla Corp of Engineers project at Hanford, U.S. Forest Service Cadastral surveys, Bureau of Indian Affairs highway surveys (ground and aerial), Federal Highway topographical and right-of-way survey and other surveys using conventional and global positioning survey (GPS) methods.

Mr. Fricke is directly responsible for reviewing all estimates, labor requirements, and equipment needs for the engineering design department. His experience includes projects in Washington and California for the Bureau of Indian Affairs Indian Tribes, Department of Social Health Services, and the Smithsonian. He is project director of the Youth Alcohol Treatment Center in Spokane, design of three bridges on the Tule River and XL Ranch Indian Reservations, rehabilitation of two bridges on the Hoopa and Tule River Indian Reservation, and the site design of the horticulture building for National Museum of the American Indian.

Water Development Studies

Developed economic models for Fort Belknap, Duck Valley and Nez Perce Indian Reservations water rights studies. Developed population growth models and economic base requirements to handle population growth. Developed and organized survey to interview reservation residents about water quality and usage, cultural and social ties to the reservation land, and population data. Developed plans to enhance reservation employment through recreation and industry. All data is input to an economic model to be used to quantify water requirements for residential, industrial and other non-agricultural uses.

Environmental

Project Manager for the preparation of an environmental impact study for the construction of a 14 mile highway on the Fort Apache Indian Reservation in Arizona. The study was conducted to comply with the National Environmental Policy Act (NEPA) and amendments. Personally studied the economic impacts of the new bypass highway on neighboring towns and tribal people and made presentations at public hearings.

Prepared three environmental assessments according to NEPA Compliance and Bureau of Indian Affairs guidelines for the replacement of two bridges on the Tule River Indian Reservation and one bridge on the XL Ranch Indian Reservation in California.

Project Manager for the investigation and removal of pentachlorophenol (PCP) and petroleum contamination for the Ochoco Forest Service near Prineville, Oregon. The project involved the removal of contaminated soil and investigation of groundwater contamination associated with a pole treatment site on the Crooked River National Grasslands reserve.

Corrective Action Management Plan preparation for underground storage tank (UST's) removals and petroleum contamination remediation. Directed activities associated with Corps of Engineers project to remove UST's at defense facilities in Washington State. Work involved preparation of work plans, sampling and analysis, health and safety, and reporting.

Project Manager for preparation of work plans, remedial investigations of petroleum contamination plume for Texaco Station located in Sunnyside, Washington. Negotiated with PLP's and Department of Ecology concerning level of effect and contributions of individual parties to cleanup operation.

WHITE SHIELD, INC.

Consulting Engineers and Surveyors

Key Personnel Resume

Greg Thomas

Geologist

EDUCATION

University of Washington
B.S., 1992, Geology
WSU Continuing Education
1995, *Certified Hazardous Material Manager*

CERTIFICATIONS

40 Hour OSHA 29 CFR 1910.120 Environmental Health and Safety
8 Hour WAC 296-62 Site Supervisor Training
Washington State Site Assessor
EPA Certified AHERA Asbestos Inspector/Management Planner

PROFESSIONAL EXPERIENCE

Mr. Thomas has five years experience as a geologist, with experience and technical knowledge in environmental site assessments, characterization and remediation of soil and groundwater investigations. His experiences relevant to these services include:

Selected Project Experience

Multi Site Phase I Environmental Site Assessment; Stadelman Fruit, Inc.

Project Manager for environmental site assessment of seven sites located. Three of the sites consisted of orchards ranging in size between 95 to 160 acres. Four sites consisted of fruit storage and packing warehouse plants with two to eight structures per site.

Southeast Manor Apartments Geotechnical Investigation; Kennewick, Washington

Geologist during the excavation of 12 test pits for foundation excavation for an apartment complex in Kennewick, WA. Also conducted percolation test for infiltration suitability.

B and I Shopping Center, Tacoma, Washington

The project activities included Phase I and Phase II work for this twenty (20) acre site. The site consisted of four buildings described as follows: one 160,000 square foot shopping center building occupied by specialized merchandisers, a strip mall housing ten (10) individual commercial tenants, and two other buildings occupied by single commercial tenants. Activities included surface and subsurface investigations related to underground storage tanks (UST s), wash racks, service bays, storage containment areas, asbestos containing materials, and drainage outlet and sumps.

Leavitt Shay Real Estate Services, Seattle, Washington

Performed and managed twenty (20) Phase I reports for this client during my tenure with Dames & Moore. Sites mainly consisted of single commercial tenants within the greater Seattle area. Activities included surface and subsurface investigations related to UST s, storage containment areas, asbestos containing materials, PCB s, lead, and other chemically defined hazardous materials.

ALPAC/PEPSI Corporation and NC Machinery Western Washington Locations

Assisted in ESA s, characterization, recovery and remediation efforts. Sites consisted of multi-structural manufacturing facilities. Activities included surface and subsurface investigations related to UST s, sediment stock piles, wash racks, oil/water separators, service bays, transformers, and storage containment areas.

Pacific First Bank Northwest Region

This project included performing over 200 Phase I s for commercial and residential properties within the northwest region. Activities included due diligent surface investigations related to above ground storage tanks, storage containment areas, transformers, and chemically defined hazardous materials.

Phase II & III - Site Characterization and Remediation

Supervised and conducted environmental subsurface characterizations for the above mentioned sites and other privately-owned commercial sites within Washington and Oregon. Activities included onsite environmental drilling, excavations of exploratory test pits, collection of sub-surface soil samples. In addition, completed site sketches, as built drawings of monitoring wells, monitoring well development and groundwater sampling. Equipment experience includes auger and rotary drilling, Thin Layer Chromatography, Photoionization detectors (PID), and Flame ionization (FID) for field sampling/screening.

VAUGHN BAY CONSTRUCTION, INC.

6509 Lakewood Drive West, Tacoma, Washington 98467

FAX TRANSMISSION COVER SHEET

DATE:

TO: GREG THOMAS

FROM: Paul Page

FAX NUMBER:

PHONE: (206) 473-4480

FAX: (206) 472-5462

NO. OF PAGES INCLUDING COVER SHEET:

MESSAGE:

THIS IS THE NEW SURVEY
SHOWING THE PROPERTY LINE TO BE
THE FENCE LINE AS ESTABLISHED
FEB 7, 1997. WITH THIS INFO,
CAN YOU STATE THAT THE DRUMS
ARE NOT ON OUR PROPERTY?
CALL ME IN A.M.

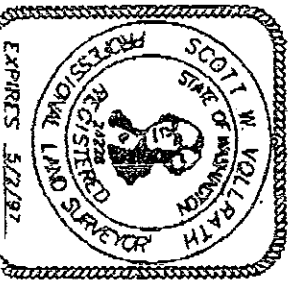
THANKS

Paul Page

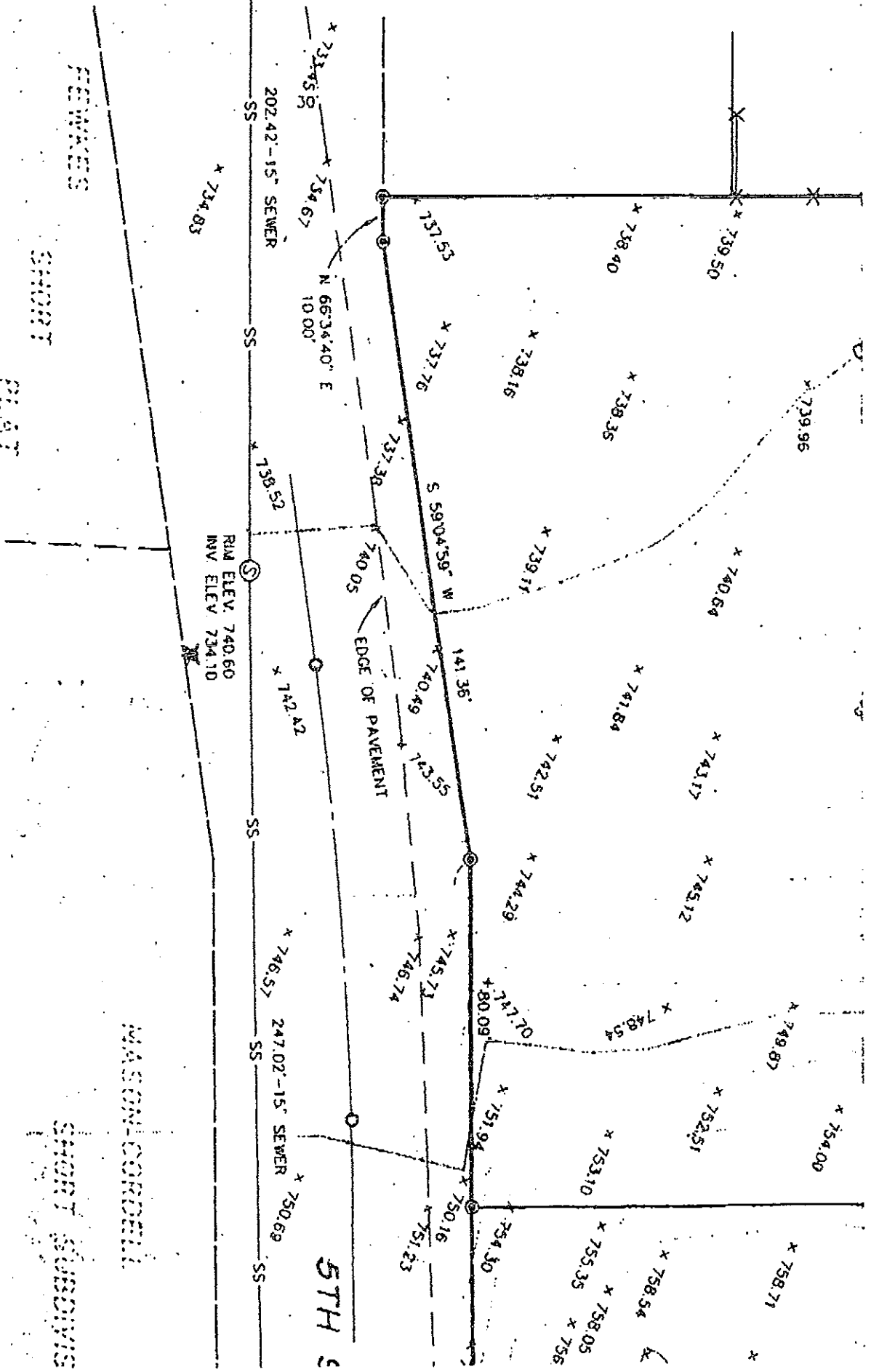
P.L.S. #24228
AND OR SET

THIS MAP REPRESENTS AN
ACTUAL SURVEY BY ME OR
UNDER MY DIRECT SUPERVISION

Scott Vollrath
SCOTT VOLLRATH P.L.S.
P.L.S. # 24228



TOPOGRAPHY
FOR
DAVE PA
LOT 1 AND 2, NORTH RIVER
SECTION 11, T22N F



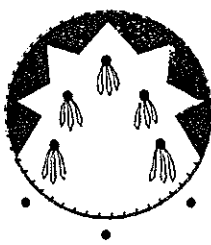
ATTACHMENT E

Phase II Soil Characterization Report

**Site Location:
Colorado and North River Apartments
East Wenatchee, WA**

**Prepared For:
Mr. Paul Harrop
Key Bank
Mail Code WA-31-10-5255
P.O. Box 90
Seattle, WA 98111**

August 27, 1997



August 27, 1997

Mr. Paul Harrop
Key Bank
Mail Code WA-31-10-5255
PO Box 90
Seattle, WA. 98111

Re: Phase II Soil Characterization and recommendations Onsite Independent Remedial Action
Colorado and North River Apartments-East Wenatchee, WA

Dear Mr. Harrop:

Transmitted herewith is the phase II soil characterization results and our recommendations for onsite independent remedial action for the above-referenced property by White Shield, Inc. Our recommendations have been established based on feasibility of both onsite and offsite remedial options. This report represents a responsible and feasible path forward for the onsite remediation of lead-arsenate affected soils located at the subject site according to Washington Administrative Code (WAC) 173-340-360. This remedial action direction was based on WAC 173-340-360 (8)(c) that states some sites containing large volumes of material with relatively low levels of hazardous substances may need to use engineering controls where treatment is impracticable. White Shield conducted a feasibility study for offsite remedial action for approximately 4750 cubic yard of material with low to moderate levels of arsenic and lead. The cost of offsite remedial action was found to be in excess of one hundred thousand dollars. This option is deemed unfeasible due to the cost more over, Toxicity Characteristics Leaching Procedure (TCLP) indicated that the level of Lead and Arsenic are below 5 mg/L. Therefore, the soil impacted by lead-arsenate is not dangerous waste. White Shield recommends the onsite independent remedial action with engineering controls to prevent precipitation and runoff from coming into contact with affected soils and long term institutional deed restriction controls.

White Shield appreciates the opportunity to assist you on this important project. Please do not hesitate to contact us, if you have any questions or require additional information.

Respectfully submitted,
WHITE SHIELD ENVIRONMENTAL,

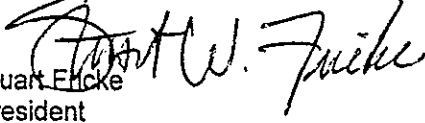

Stuart Fricke
President



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1.0 INTRODUCTION

1.1 Purpose

This report presents the results of White Shield Inc.'s Phase II Soil Characterization and recommendations for Independent Remedial Action at the Colorado and North River apartment site in East Wenatchee, Washington. This report has been prepared for Vaughn Bay Construction to meet the requirements specified in the Model Toxics Control Act (MTCA) regulations WAC 173-340-360 (5) (d); and (9)(c) for containment with attendant engineering control of lead-arsenate contaminated soils. The scope of the work performed was in accordance with White Shield's proposal dated August 15, 1997.

1.2 Site Description and History

The parcel is located at the northwest corner of 5th Street N.E. and Colorado Avenue in the City of East Wenatchee, Washington (Figure 1). According to the Douglas County Assessors Office the tax parcel number for the site is 401-000-028-01.

The subject property is described as, " The South 330.5 feet of Lot 28, East Wenatchee Land Company's Plat of Section 11 and part of Section 2, Township 22 North, Range 20 East, W.M., Douglas County, Washington, Except the North 110.5 feet of the East 100 feet thereof, Also Except the West 335 feet thereof, And Except that part deeded for 5th Street N.E. to Douglas County recorded May 11, 1965, under Auditor's No. 142924." (Figure 2).

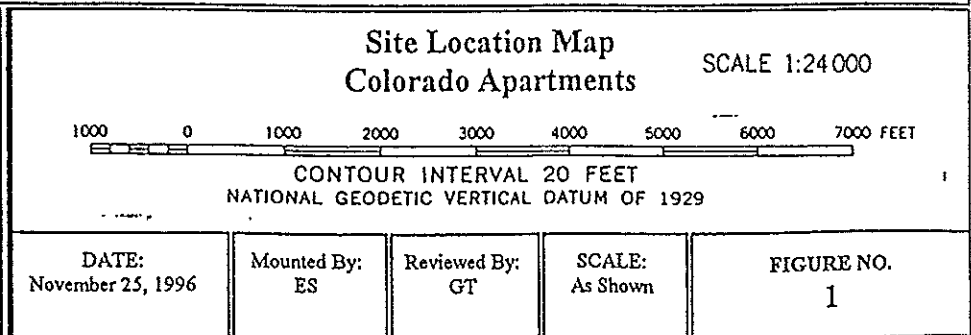
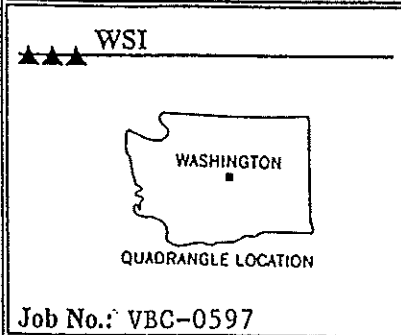
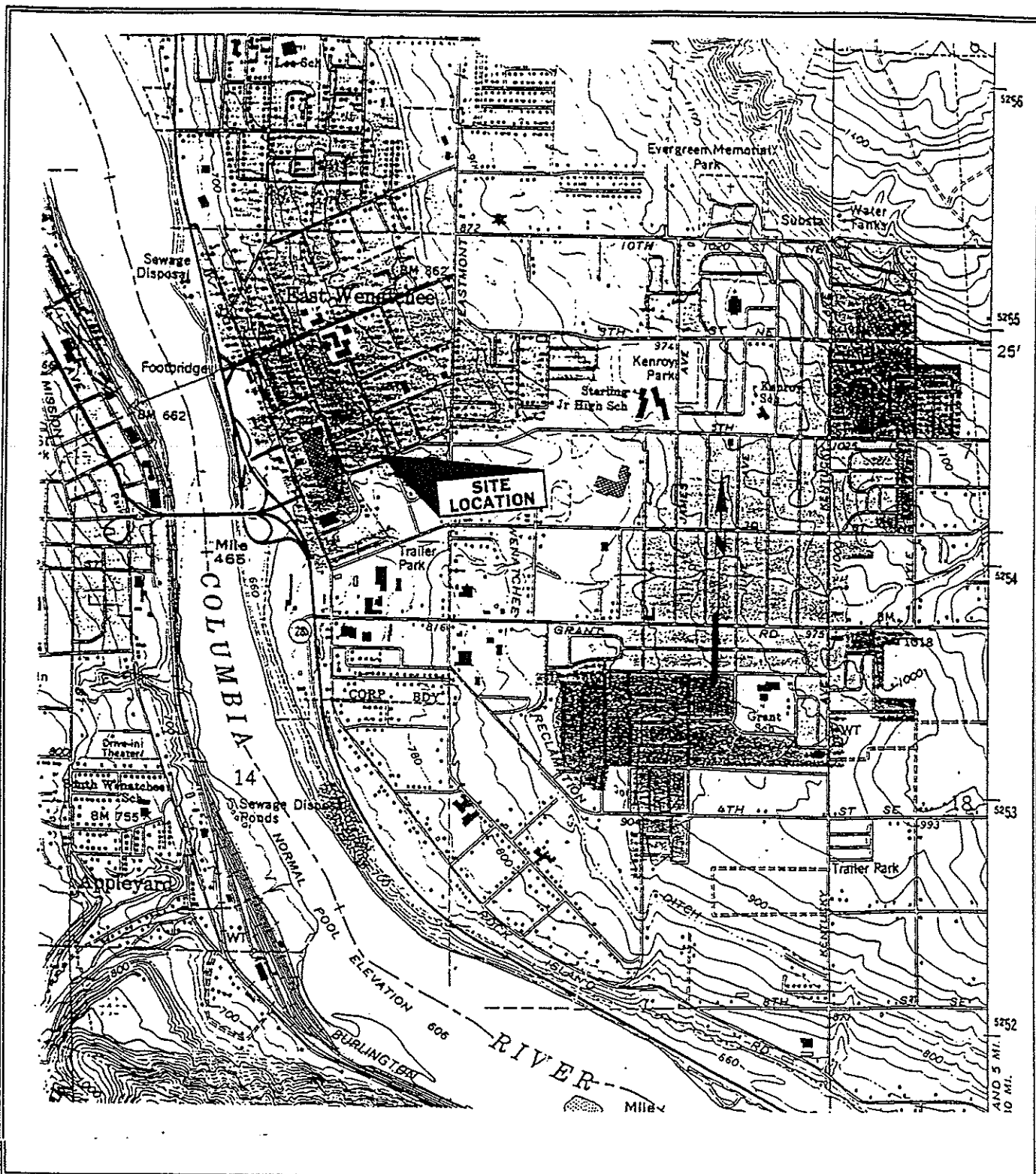
The Phase I Environmental Site Assessment historical aerial photographs of the subject site indicated the land was an orchard in the past. A subsequent interview with Mr. Jim Zeller, neighbor to the subject property, informed White Shield of possible lead-arsenate containing soil at the subject property. Mr. Zeller reported he had problems growing some vegetables on his property. Laboratory analysis of the soil determined elevated levels of lead-arsenate on his property.

1.3 Geology

The subject property is located within the southeast portion of the Chiwaukum Basin (Graben). The surficial sediments deposited in this area were a result of glacial erosion and subsequent deposition of glacial melt waters. The unconsolidated to semiconsolidated sedimentary rocks of the Quaternary Flood Sediments include: clay, gravel, siltstone, and conglomerates. The unconsolidated deposits include: sand, gravel, cobbles, clay, and silt. The area is enclosed by prominent northwest-southeast trending anticlinal ridges that, from north to south, include:

- Badger Mountain
- Trosen Ridge.

Well logs were not readily available within the site vicinity, however, test pits from the site indicated the shallow soils are a brown fine grained sandy silty loam with an underlying gray sandy gravel with cobbles. Test pits were excavated to a depth of 13 feet below ground surface. Groundwater was not encountered in any of the test pits. Based on the well logs stratigraphy of Chelan County PUD #1 of Wenatchee, and comparable site elevations between the PUD site and the subject site, the depth to groundwater is approximated to be 110 feet below ground surface.



2.0 PHASE II ENVIRONMENTAL SITE CHARACTERIZATION

2.1 Phase II Soil Characterization

On August 15, 1997 eleven soil samples were collected from a grid pattern over the subject site (Figure 2 -Sampling Plan). Samples were collected from depths ranging from 2 to 9 inches below ground surface.

The soil appearance was homogenous over the site. Soil was described as a dry brown sandy silty loam.

All the soil samples were analyzed for arsenic. Analytical results are provided in the table below and in Appendix A. The sample with the highest level of arsenic was Sample VBC-0597-10, was analyzed for lead. The laboratory analysis of the sample using EPA Method 6010 indicated 270 ppm arsenic and 1100 ppm lead. In addition, Toxicity Characteristic Leaching Procedure (TCLP) was completed for soil sample VBC-0597-10 to determine toxicity of the soil. TCLP analytical result were reported at 3.2 mg/l for arsenic and 1.7 mg/l for lead. These values are below the Washington State dangerous waste value of 5 mg/l for arsenic and lead.

TABLE 1 SUMMARY OF SOIL SAMPLES

SAMPLE #	LOCATION/DEPTH	ARSENIC	LEAD
VBC-0597-1	southeast corner/4-6" bgs	52 PPM	NT
VBC-0597-2	north of southeast corner/2-4" bgs	66 PPM	NT
VBC-0597-3	northeast corner/7-9" bgs	68 PPM	NT
VBC-0597-4	south of VBC-0597-3/7-9" bgs	31 PPM	NT
VBC-0597-5	south of VBC-0597-4/2" bgs	70 PPM	NT
VBC-0597-6	west of VBC-0597-5/2" bgs	58 PPM	NT
VBC-0597-7	north of VBC-0597-6/4-6" bgs	61 PPM	NT
VBC-0597-8	north of VBC-0597-7/2" bgs	160 PPM	NT
VBC-0597-9	northwest corner/4" bgs	38 PPM	NT
VBC-0597-10	south of VBC-0597-9/5-7" bgs	270 PPM	1100 PPM
VBC-0597-11	southwest corner/3-5" bgs	100 PPM	NT
MTCA METHOD A CLEANUP LEVEL		5 PPM	250 PPM
MTCA = Model Toxics Control Act PPM = Parts Per Million NT = Not Tested			

3.0 RECOMMENDATION FOR ONSITE INDEPENDENT REMEDIAL ACTION

White Shield recommends an on-site independent remedial action at the Colorado and North River Apartments according to Washington Administrative Code 173-340-360. This action is based upon initial soil characterization of the surficial soil located at the site. Analytical results indicated elevated lead and arsenic levels beyond MTCA Method A Cleanup level. However, Toxicity Characteristic Leaching Procedure (TCLP) proved the soil was not considered to be a dangerous waste.

Planned actions include the following:

- Excavation of approximately 4750 cubic yards of surficial soil;
- Excavation and geofabric lining of a onsite burial pit.
- Placement, and compaction of affected surficial soils into a burial pit lined with geofabric;
- Capping of burial pit with lining, two feet of clean soil, and asphalt; and,
- Confirmatory grid sampling of site upon completion of remedial action.

In addition, engineering control will include measures to prevent precipitation and runoff from coming into contact with affected soils. Long term effectiveness will include institutional deed restriction controls. A work plan should be developed to describe the procedures for contractor's usage with applicable health and safety measures to protect workers and the public during construction.

4.0 LIMITATIONS

White Shield's objective is to perform our work in a professional manner, exercising the customary thoroughness and competence of environmental and engineering consulting professionals, in accordance with the standard for professional services at the time and location those services are rendered. It is important to recognize that even the most comprehensive scope of services may fail to detect environmental liability on a particular site. Therefore, White Shield cannot act as insurers and cannot "certify or underwrite" that a site is free of environmental contamination. No expressed or implied representation or warranty is included or intended in our reports except that our work was performed, within the limits prescribed by our client, with the customary thoroughness and competence of our profession.

APPENDIX A



August 18, 1997

Greg Thomas
White Shield, Inc.
P.O. Box 477
Grandview, WA 98930

Re: Analytical Data for Project VBC-0597
Laboratory Reference No. 9708-070

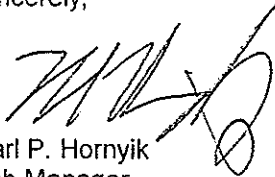
Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on August 16, 1997.

The standard policy of OnSite Environmental Inc., is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Karl P. Hornyik
Lab Manager

Enclosures

Date of Report: August 18, 1997
Samples Submitted: August 16, 1997
Lab Traveler: 08-070
Project: VBC-0597

**TOTAL ARSENIC
EPA 6010**

Date Extracted: 08-18-97

Date Analyzed: 08-18-97

Matrix: Soil

Units: mg/kg (ppm)

Client ID	Lab ID	Dilution Factor	Result	PQL
VBC-0597-1	08-070-1	50	52	10
VBC-0597-2	08-070-2	50	66	11
VBC-0597-3	08-070-3	50	68	10
VBC-0597-4	08-070-4	50	31	11
VBC-0597-5	08-070-5	50	70	10
VBC-0597-6	08-070-6	50	58	10
VBC-0597-7	08-070-7	50	61	10
VBC-0597-8	08-070-8	50	160	10
VBC-0597-9	08-070-9	50	38	10
VBC-0597-10	08-070-10	50	270	10
VBC-0597-11	08-070-11	50	100	10

Date of Report: August 18, 1997
Samples Submitted: August 16, 1997
Lab Traveler: 08-070
Project: VBC-0597

TOTAL ARSENIC
EPA 6010
METHOD BLANK QUALITY CONTROL

Date Extracted: 08-18-97

Date Analyzed: 08-18-97

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: MB0818S1

Analyte	Method	Dilution Factor	Result	PQL
Lead	6010	50	ND	10

Date of Report: August 18, 1997
Samples Submitted: August 16, 1997
Lab Traveler: 08-070
Project: VBC-0597

**TOTAL ARSENIC
EPA 6010
DUPLICATE QUALITY CONTROL**

Date Extracted: 08-13-97
Date Analyzed: 08-14,15-97

Matrix: Soil
Units: mg/kg (ppm)
Lab ID: 08-031-COMP

Analyte	Dilution	Sample Result	Duplicate Result	RPD	Flags	PQL
Arsenic	1.0	ND	ND	NA		10

Date of Report: August 18, 1997
Samples Submitted: August 16, 1997
Lab Traveler: 08-070
Project: VBC-0597

**TOTAL ARSENIC
EPA 6010
MS/MSD QUALITY CONTROL**

Date Extracted: 08-13-97
Date Analyzed: 08-14,15-97

Matrix: Soil
Units: mg/kg (ppm)
Lab ID: 08-031-COMP

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	72.0	72	78.0	78	8.0	

Date of Report: August 18, 1997
Samples Submitted: August 16, 1997
Lab Traveler: 08-070
Project: VBC-0597

Date Analyzed: 8-18-97

% MOISTURE

Client ID	Lab ID	% Moisture
VBC-0597-1	08-070-1	2.0
VBC-0597-2	08-070-2	6.0
VBC-0597-3	08-070-3	2.0
VBC-0597-4	08-070-4	5.0
VBC-0597-5	08-070-5	3.0
VBC-0597-6	08-070-6	0
VBC-0597-7	08-070-7	2.0
VBC-0597-8	08-070-8	2.0
VBC-0597-9	08-070-9	2.0
VBC-0597-10	08-070-10	2.0
VBC-0597-11	08-070-11	1.0



DATA QUALIFIERS AND ABBREVIATIONS

- A - Due to high sample concentration, amount spiked insufficient for meaningful MS/MSD data recovery.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD outside control limits due to analyte concentration within five times the quantitation limit.
- D - Data from 1:____ dilution.
- E - Value reported exceeds the quantitation range. Value is an estimate.
- F - Surrogate recovery data not available due to the high concentration in the sample.
- G - Insufficient sample quantity for duplicate analysis.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD outside control limited due to sample inhomogeneity. Sample re-extracted and re-analyzed with similar results.
- L - Quantitated from C7-C34 as diesel fuel #2.
- M - Predominantly _____ range hydrocarbons present in the sample.
- N - Hydrocarbons in the gasoline range (C7-toluene) present in the sample.
- N1 - Hydrocarbons in the gasoline range (C7-toluene) present in the sample which are elevating the diesel result.
- O - Hydrocarbons in the heavy oil range (>C24) present in the sample.
- O1 - Hydrocarbons in the heavy oil range (>C24) present in the sample which are elevating the diesel result.
- R - Hydrocarbons outside defined gasoline range present in the sample.
- S - Surrogate recovery data not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - Matrix Spike/Matrix Spike Duplicate RPD outside control limits due to matrix effects.
- V - Matrix Spike/Matrix Spike Duplicate recoveries outside control limits due to matrix effects.
- Z - Interferences were present which prevented the quantitation of the analyte below the detection limit reported.
- ND - Not Detected
- MRL - Method Reporting Limit
- PQL - Practical Quantitation



OnSite Environmental Inc.

14924 NE 31st Circle • Redmond, WA 98052
Fax: (206) 885-4603 • Phone: (206) 883-3881

Chain Of Custody

Page 1 of 1

Company: <u>White Shell</u>		Project No: <u>VRB-0597</u>		Project Name: <u>Chase II Soil Remediation</u>		Project Manager: <u>Ann Thomas</u>		Turn Around Requested (Check One)		Project Chemist: <u>ML</u>		Laboratory No. <u>></u>								
Relinquished By: <u>[Signature]</u>		Date: <u>6/15/97</u>		Firm: <u>White Shell</u>		Time: <u>2:45</u>		<input checked="" type="checkbox"/> Same Day <input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> Standard <input type="checkbox"/> (other)		Requested Analysis										
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Cont.	WTPH-HCID	WTPH-G/BTEX	WTPH-D	WTPH-418.1	Volatiles by 8240/624	Volatiles by 8260	Chlorinated Volatiles by 8240/8260/624	Semivolatiles by 8270/625	PAHs by 8270/625	PCB's by 8080/608	Total RCRA Metals (8)	TCLP Metals <u>As, Pb</u>	<u>Asenic</u>	<u>Pb</u>	% Moisture
1	VRB-0597-1	6/15/97	10:45	Soil	1															X
2			10:50		1															X
3			11:00		1															X
4			11:05		1															X
5			11:15		1															X
6			11:22		1															X
7			11:30		1															X
8			11:35		1															X
9			11:45		1															X
10			11:50		1															X
11			12:00		1															X
RELINQUISHED BY: <u>[Signature]</u>		DATE: <u>6/15/97</u>		FIRM: <u>White Shell</u>		TIME: <u>2:45</u>		RECEIVED BY: <u>[Signature]</u>		DATE: <u>6/15/97</u>		COMMENTS: <u>As, Pb - 8/19/97 for Env. T. report</u>								
RELINQUISHED BY: <u>[Signature]</u>		DATE: <u>6/15/97</u>		FIRM: <u>White Shell</u>		TIME: <u>2:45</u>		RECEIVED BY: <u>[Signature]</u>		DATE: <u>6/15/97</u>										
FIRM: <u>White Shell</u>		DATE: <u>6/15/97</u>		FIRM: <u>White Shell</u>		TIME: <u>2:45</u>		RECEIVED BY: <u>[Signature]</u>		DATE: <u>6/15/97</u>										
REVIEWED BY: <u>[Signature]</u>		DATE: <u>6/15/97</u>		FIRM: <u>White Shell</u>		TIME: <u>2:45</u>		RECEIVED BY: <u>[Signature]</u>		DATE: <u>6/15/97</u>										

August 25, 1997

Greg Thomas
White Shield, Inc.
P.O. Box 477
Grandview, WA 98930

Re: Analytical Data for Project VBC-0597
Laboratory Reference No. 9708-070

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on August 16, 1997.

The standard policy of OnSite Environmental Inc., is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

Karl P. Hornyik
Lab Manager

Enclosures

Date of Report: August 25, 1997
Samples Submitted: August 16, 1997
Lab Traveler: 08-070
Project: VBC-0597

TCLP Metals
EPA 1311/6010

Date Extracted: 08-20-97 ✓
Date Digested: 08-21-97 ✓
Date Analyzed: 08-21-97 ✓

Matrix: TCLP Extract ✓
Units: mg/L (ppm) ✓

Lab ID: 08-070-10 ✓
Client ID: VBC-0597-10 ✓

Analyte	Method	Dilution Factor	Result	PQL
Arsenic	6010	2.0	3.2	0.40
Lead	6010	2.0	1.7	0.20

Date of Report: August 25, 1997
Samples Submitted: August 16, 1997
Lab Traveler: 08-070
Project: VBC-0597

TCLP Metals
EPA 1311/6010
METHOD BLANK QUALITY CONTROL

Date Extracted: 08-20-97
Date Digested: 08-21-97
Date Analyzed: 08-21-97

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: MB0821TCLP

Analyte	Method	Dilution Factor	Result	PQL
Arsenic	6010	2.0	ND	0.40
Lead	6010	2.0	ND	0.20

Date of Report: August 25, 1997
Samples Submitted: August 16, 1997
Lab Traveler: 08-070
Project: VBC-0597

TCLP Metals
EPA 1311/6010
DUPLICATE QUALITY CONTROL

Date Extracted: 08-20-97
Date Digested: 08-21-97
Date Analyzed: 08-21-97

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 08-075-1

Analyte	Dilution	Sample Result	Duplicate Result	RPD	PQL
Arsenic	2.0	ND	ND	NA	0.40
Lead	2.0	ND	ND	NA	0.20

Date of Report: August 25, 1997
Samples Submitted: August 16, 1997
Lab Traveler: 08-070
Project: VBC-0597

TCLP Metals
EPA 1311/6010
MS/MSD QUALITY CONTROL

Date Extracted: 08-20-97
Date Digested: 08-21-97
Date Analyzed: 08-21-97

Matrix: TCLP Extract
Units: mg/L (ppm)

Lab ID: 08-075-1✓

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD
Arsenic	4.0✓	3.81✓	95	3.78✓	95	0.69✓
Lead	10✓	8.41✓	84	8.21✓	82	2.4✓

Date of Report: August 25, 1997
Samples Submitted: August 16, 1997
Lab Traveler: 08-070
Project: VBC-0597

EPA 6010 TOTAL LEAD

Date Extracted: 08-18-97 ✓

Date Analyzed: 08-19-97

Matrix: Soil

Units: mg/kg (ppm)

Client ID	Lab ID	Dilution Factor	Result	PQL
VBC-0597-10	08-070-10	50	1100	5.1

Date of Report: August 25, 1997
Samples Submitted: August 16, 1997
Lab Traveler: 08-070
Project: VBC-0597

**EPA 6010 TOTAL LEAD
METHOD BLANK QUALITY CONTROL**

Date Extracted: 08-18-97 ✓
Date Analyzed: 08-19-97 ✓

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0818S1✓

Analyte	Method	Dilution Factor	Result	PQL
Lead	6010	50	ND	5.0

Date of Report: August 25, 1997
Samples Submitted: August 16, 1997
Lab Traveler: 08-070
Project: VBC-0597

**EPA 6010 TOTAL LEAD
DUPLICATE QUALITY CONTROL**

Date Extracted: 08-13-97
Date Analyzed: 08-14,15-97

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 08-031-COMP

Analyte	Dilution	Sample Result	Duplicate Result	RPD	Flags	PQL
Lead	1.0	12.6	12.0	4.9		5.0

Date of Report: August 25, 1997
Samples Submitted: August 16, 1997
Lab Traveler: 08-070
Project: VBC-0597

**EPA 6010 TOTAL LEAD
MS/MSD QUALITY CONTROL**

Date Extracted: 08-13-97
Date Analyzed: 08-14,15-97

Matrix: Soil
Units: mg/kg (ppm)
Lab ID: 08-031-COMP

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD
Lead	250	231	87	255	97	10



DATA QUALIFIERS AND ABBREVIATIONS

- A - Due to high sample concentration, amount spiked insufficient for meaningful MS/MSD data recovery.
- B - The analyte indicated was also found in the blank sample.
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- F - Surrogate recovery data not available due to the high concentration in the sample.
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- L - Quantitated from C7-C34 as diesel fuel #2.
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- O - Hydrocarbons in the heavy oil range (>C24) present in the sample.
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- Z - Interferences were present which prevented the quantitation of the analyte below the detection limit reported.
- ND - Not Detected
- MRL - Method Reporting Limit
- PQL - Practical Quantitation

- Sample one - Silty ^{loam} sandy collected at approximately 4"-6" below ground surface. No roots below approximately 3". Natural ground cover at this location.
- Sample two - silty sand collected at approximately 2-4" bgs. No roots in soil at this location. Upper vegetation and root zone have been planed away.
- Sample three - silty sand collected at approximately 7"-9" bgs. No roots in soil at this location. Upper vegetation and root zone have been planed away.
- Sample Four - silty sand collected at approximately 7-9" bgs. No root below approximately 4" bgs. Grass is the ground cover at this location.
- Sample Five - silty sand collected at approximately 2" bgs. Trace of roots in soil at this location. Upper vegetation has been planed away.
- Sample Six - silty sand & roots collected at approximately 2" bgs. Natural vegetation and roots in place at this location.
- Sample Seven - Silty sand collected at approximately 4-6" bgs. Natural ground cover in place at this location. Roots extend 2-3 inches bgs.
- Sample Eight - Silty sand & trace of roots collected at approximately 2" bgs. Vegetation and some of the upper root zone planed away at this location.
- Sample nine - Silty sand collected at approximately 4" bgs. ~~There~~ Natural ground cover in place at this location. Roots extend 2-3 inches bgs.
- Sample ten - silty sand collected at approximately 5-7" bgs. Natural ground cover in place at this location. Roots extend approximately 3" bgs.
- Sample eleven - silty sand with trace of roots collected at approximately 3-5" bgs. Natural ground cover in place at this location. Root extends to approximately 3" bgs.

All soil samples were dry with an brown color.

Addition
8/26/97

Based on Seme Analysis all soils are characterized as a Sandy, Silty loam instead of silty sand.

ATTACHMENT F

.....

Mr. Greg Thomas

August 28, 1997

Page 2

soil column than tests have currently shown. Provided that each step can be successfully accomplished as it is now envisioned, a review of the cleanup through the Independent Remedial Action Program (IRAP) should be able to return an Ecology determination of No Further Action.

If I can be of further assistance, please contact me at (509) 454-7840.

Sincerely,

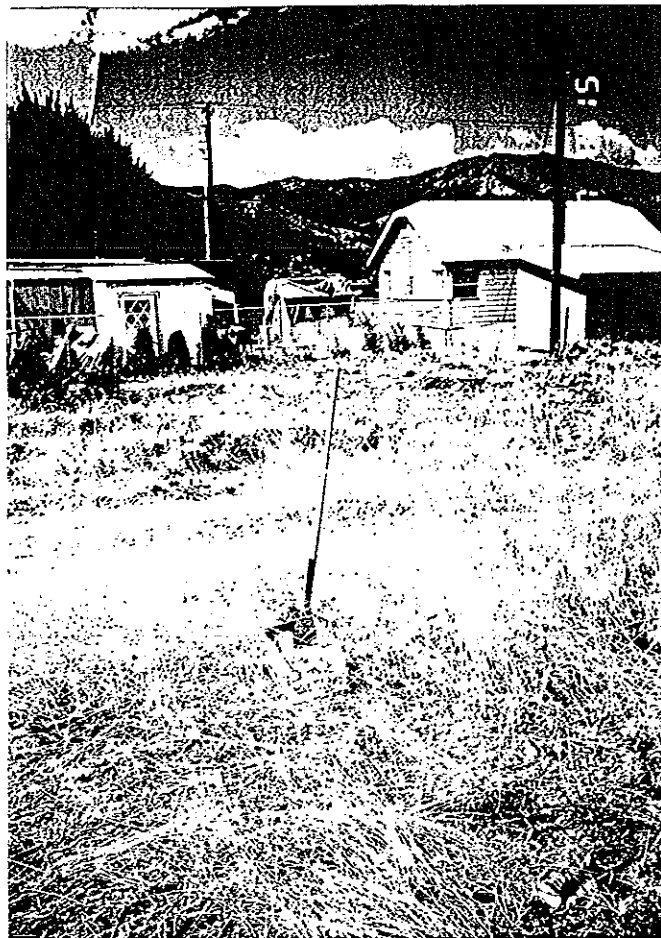
A handwritten signature in cursive script, reading "Mark Peterschmidt".

Mark Peterschmidt

Toxics Cleanup Program

cc: Mr. Paul Harrop, Key Bank

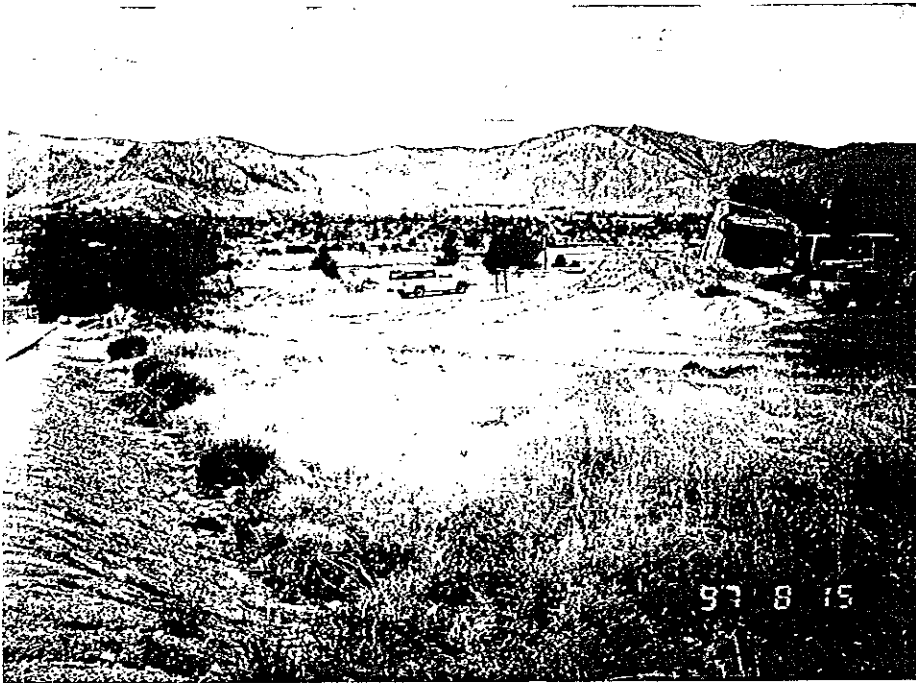
ATTACHMENT G



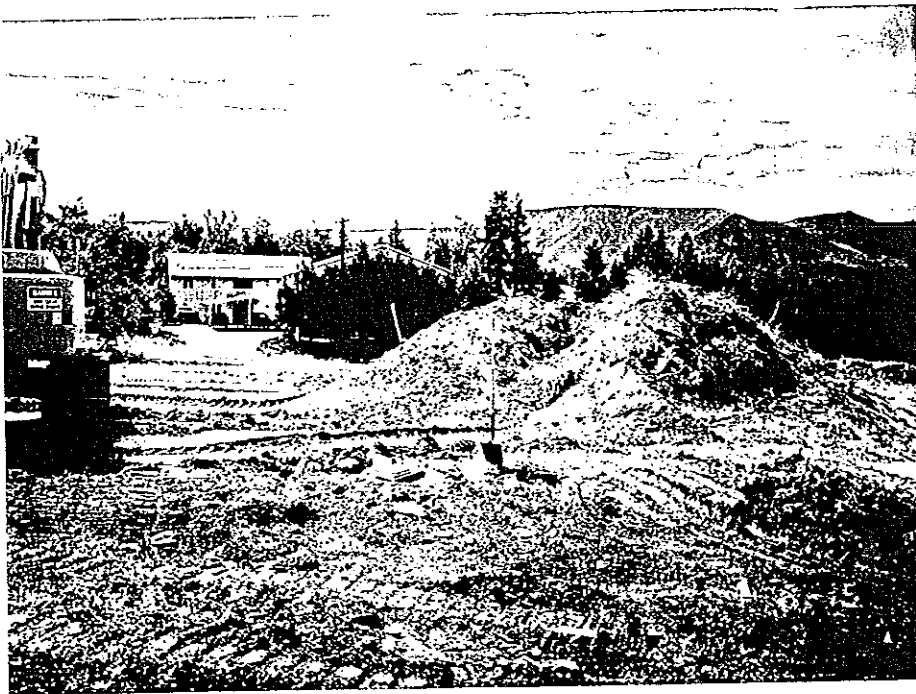
Photograph 1: Characterization sample location on northwest portion of subject site.



Photograph 2: Characterization sample location on southeast portion of subject site.



Photograph 3: Initial surface soil scraping on southeast portion of subject site.



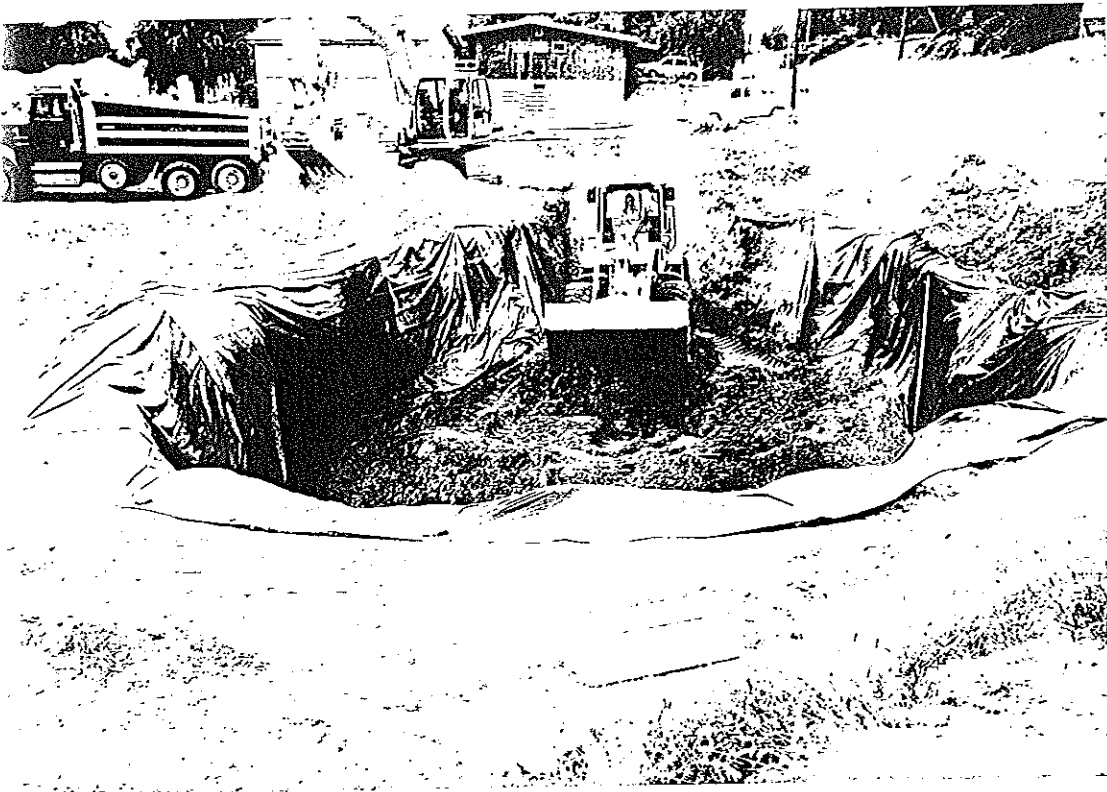
Photograph 4: Initial surface soil scraping on middle portion of subject site.



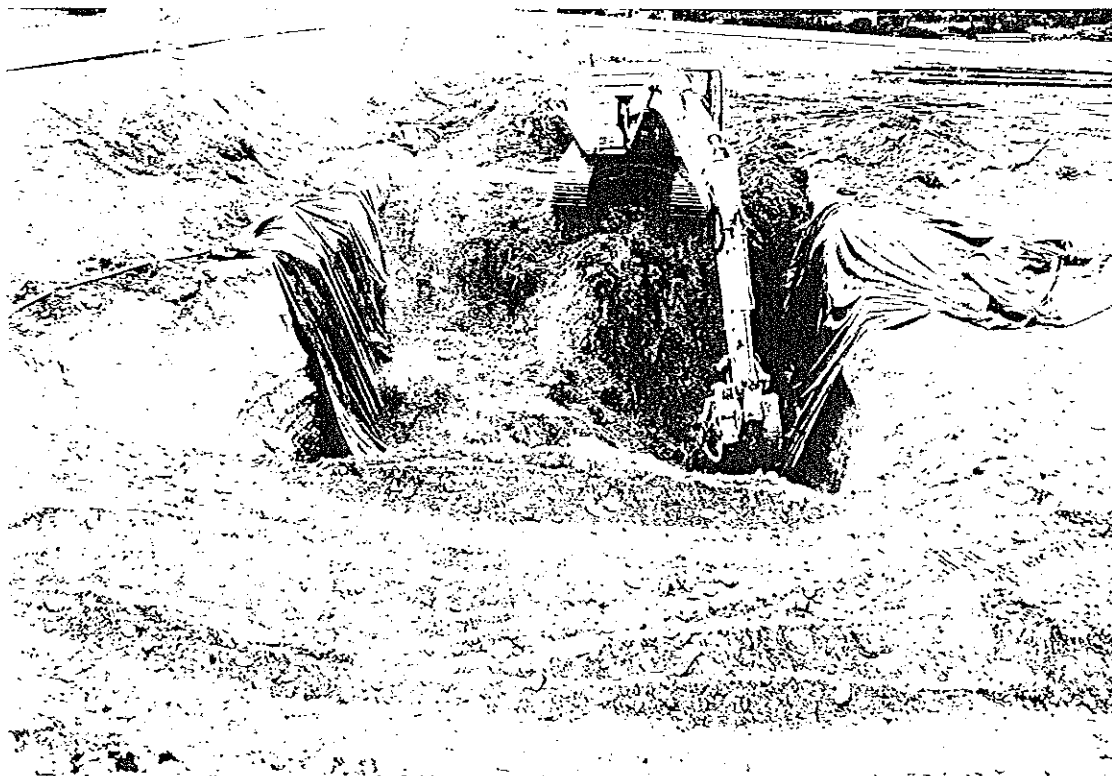
Photograph 5: Excavation of southern section of remediation burial pit.



Photograph 6: Placement of 6 mil visqueen in remediation burial pit.



Photograph 7: Backfilling of southern remedial burial pit.



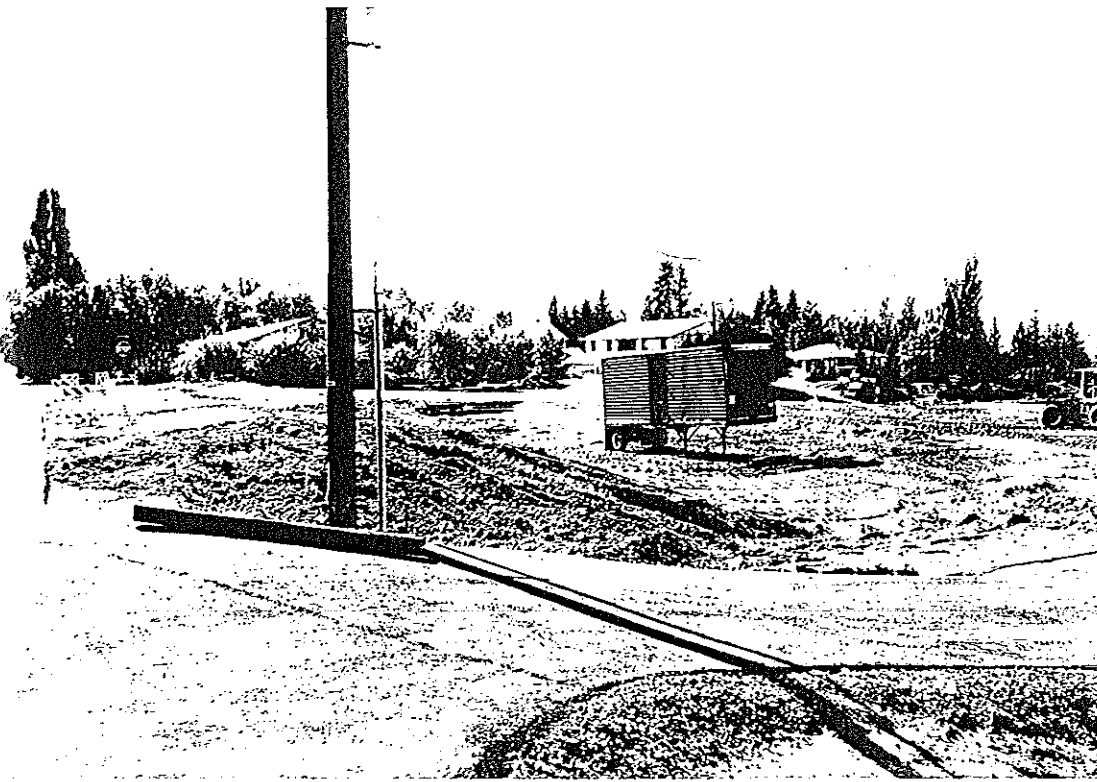
Photograph 8: Remediation burial pit proceeding northward.



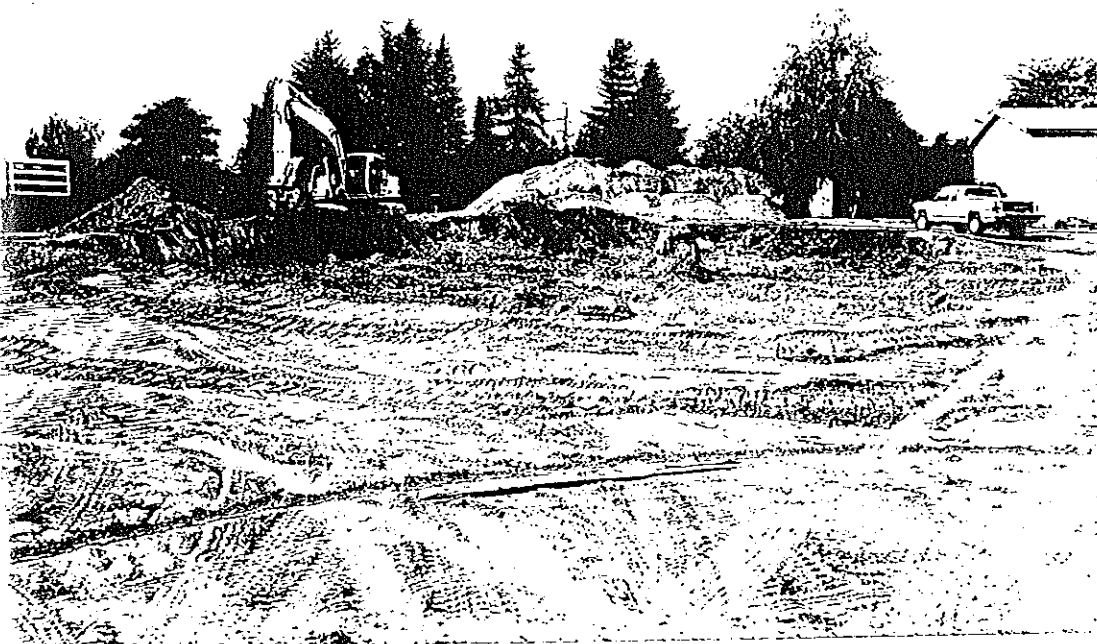
Photograph 9: Completion of northern portion of remediation burial pit.



Photograph 10: Covering of remediation burial pit and soil capping.



Photograph 11: Completion of remediation burial pit capping.



Photograph 12: Soil mining area on eastern portion of site for western building foundations and remedial cover of contaminated soils.



Photograph 13: Western site fill placed on 6 mil visqueen



Photograph 14: Western site fill placed on 6 mil visqueen.

ATTACHMENT H

VAUGHN BAY CONSTRUCTION
COLORADO/ NORTH RIVER APARTMENTS
SURFACE SOILS HANDLING

PHOTO JOURNAL OF OPERATION

- 1.9-9-97,
- 2.9-9-97 Pit area preparation, removal of surface stock piled material.
- 3.9-10-97 Excavation of first section of burial pit, construction of access ramp.
- 4.9-10-97 Placement, use of excavator to achieve depth of 18'.
- 5.9-11-97 Completion excavation first pit section. Pit measures 35'x50'x18'= 1,166 cu.yds.
- 6.9-11-97 Placement of 6 mil visqueen.
- 7.9-12-97 Start placement of waste materials.
- 8.9-12-97 Waste materials spread with loader and watered for dust control and compaction.
- 9.9-12-97 Watering localized dust to pit area.
- 10.9-12-97 First pit area filled.
- 11.9-15-97 Portion of second section of pit completed with visqueen in place and start of waste material placement
- 12.9-15-97 Final portion of second section of pit. Second section measures 35'x90'x18'= 2,100 cu.yds.
- 13.9-15-97 Compaction/ water settlement.
- 14.9-16-97 Building A pad cut and spoils placed on pit as first lift. Capping material stock piled at north end of pit area.
- 15.9-17-97 Placement of fill material at roadway and parking areas, west entrance (N. River).
- 16.9-17-97 Placement of 6 mil visqueen prior to fill material.
- 17.9-17-97 Excavation of roadway and parking areas, east entrance (Colorado), source of fill material.
- 18.9-17-97 Dust control sprinkler systems.

Balance of photographs for the infiltration pond excavation and final capping/ berm construction over burial pit will be forward to White Shield upon completion.

Terrance M. O'Brien
Project Manager
Vaughn Bay Construction
9-17-97

ATTACHMENT I



October 1, 1997

Greg Thomas
White Shield, Inc.
P.O. Box 477
Grandview, WA 98930

Re: Analytical Data for Project VBC-0597
Laboratory Reference No. 9709-130

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on September 27, 1997.

The standard policy of OnSite Environmental Inc., is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in dark ink, appearing to read "DB", followed by the initials "FSR" in a smaller, less stylized font.

David Baumeister
Project Chemist

Enclosures

Date of Report: October 1, 1997
Samples Submitted: September 27, 1997
Lab Traveler: 09-130
Project: VBC-0597

EPA 6010 TOTAL ARSENIC

Date Extracted: 09-29-97
Date Analyzed: 09-30-97

Matrix: Soil
Units: mg/kg (ppm)

Client ID	Lab ID	Dilution Factor	Result	PQL
VBC-0597-101-C	09-130-1	50	73	11
VBC-0597-102-C	09-130-2	50	44	11
VBC-0597-103-C	09-130-3	50	32	11
VBC-0597-104-C	09-130-4	50	19	11
VBC-0597-105-C	09-130-5	50	ND	11
VBC-0597-109-DPC	09-130-6	50	ND	10

Date of Report: October 1, 1997
Samples Submitted: September 27, 1997
Lab Traveler: 09-130
Project: VBC-0597

**EPA 6010 TOTAL ARSENIC
METHOD BLANK QUALITY CONTROL**

Date Extracted: 09-29-97
Date Analyzed: 09-30-97

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0929S1

Analyte	Method	Dilution Factor	Result	PQL
Arsenic	6010	50	ND	10

Date of Report: October 1, 1997
Samples Submitted: September 27, 1997
Lab Traveler: 09-130
Project: VBC-0597

**EPA 6010 TOTAL ARSENIC
DUPLICATE QUALITY CONTROL**

Date Extracted: 09-18,19-97
Date Analyzed: 09-18,19-97

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 09-062-1

Analyte	Dilution	Sample Result	Duplicate Result	RPD	Flags	PQL
Arsenic	1.0	ND	ND	NA		10

Date of Report: October 1, 1997
Samples Submitted: September 27, 1997
Lab Traveler: 09-130
Project: VBC-0597

**EPA 6010 TOTAL ARSENIC
MS/MSD QUALITY CONTROL**

Date Extracted: 09-18,19-97
Date Analyzed: 09-18,19-97

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 09-062-1

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	85.6	86	90.8	91	5.9	

Date of Report: October 1, 1997
Samples Submitted: September 27, 1997
Lab Traveler: 09-130
Project: VBC-0597

Date Analyzed: 9-29-97

% MOISTURE

Client ID	Lab ID	% Moisture
VBC-0597-101-C	09-130-1	7.0
VBC-0597-102-C	09-130-2	9.0
VBC-0597-103-C	09-130-3	8.0
VBC-0597-104-C	09-130-4	8.0
VBC-0597-105-C	09-130-5	6.0
VBC-0597-109-DPC	09-130-6	4.0



DATA QUALIFIERS AND ABBREVIATIONS

- A - Due to high sample concentration, amount spiked insufficient for meaningful MS/MSD data recovery.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD outside control limits due to analyte concentration within five times the quantitation limit.
- D - Data from 1:_____ dilution.
- E - Value reported exceeds the quantitation range. Value is an estimate.
- F - Surrogate recovery data not available due to the high concentration in the sample.
- G - Insufficient sample quantity for duplicate analysis.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD outside control limits due to sample inhomogeneity. Sample re-extracted and re-analyzed with similar results.
- L - Quantitated from C7-C34 as diesel fuel #2.
- M - Predominantly _____ range hydrocarbons present in the sample.
- N - Hydrocarbons in the gasoline range (C7-toluene) present in the sample.
- N1 - Hydrocarbons in the gasoline range (C7-toluene) present in the sample which are elevating the diesel result.
- O - Hydrocarbons in the heavy oil range (>C24) present in the sample.
- O1 - Hydrocarbons in the heavy oil range (>C24) present in the sample which are elevating the diesel result.
- R - Hydrocarbons outside defined gasoline range present in the sample.
- S - Surrogate recovery data not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - Matrix Spike/Matrix Spike Duplicate RPD outside control limits due to matrix effects.
- V - Matrix Spike/Matrix Spike Duplicate recoveries outside control limits due to matrix effects.
- Z - Interferences were present which prevented the quantitation of the analyte below the detection limit reported.
- ND - Not Detected
- MRL - Method Reporting Limit
- PQL - Practical Quantitation



March 6, 1998

Greg Thomas
White Shield, Inc.
P.O. Box 477
Grandview, WA 98930

Re: Analytical Data for Project VBC-0597
Laboratory Reference No. 9802-098

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on February 23, 1998.

The standard policy of OnSite Environmental Inc., is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Chemist

Enclosures

Date of Report: March 6, 1998
Samples Submitted: February 23, 1998
Lab Traveler: 02-098
Project: VBC-0597

TOTAL ARSENIC
EPA 6010

Date Extracted: 2-25-98
Date Analyzed: 2-25-98

Matrix: Soil
Units: mg/kg (ppm)

Client ID	Lab ID	Result	PQL
VBC-0597-101-C2-S	02-098-02	20	12
VBC-0597-102-C2-S	02-098-05	28	11
VBC-0597-POOL	02-098-07	ND	12

Date of Report: March 6, 1998
Samples Submitted: February 23, 1998
Lab Traveler: 02-098
Project: VBC-0597

TOTAL ARSENIC
EPA 6010
METHOD BLANK QUALITY CONTROL

Date Extracted: 2-25-98
Date Analyzed: 2-25-98

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0225S1

Analyte	Method	Result	PQL
Arsenic	6010	ND	10

Date of Report: March 6, 1998
Samples Submitted: February 23, 1998
Lab Traveler: 02-098
Project: VBC-0597

TOTAL ARSENIC
EPA 6010
DUPLICATE QUALITY CONTROL

Date Extracted: 2-25-98
Date Analyzed: 2-25-98

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-098-07

Analyte	Sample Result	Duplicate Result	RPD	Flags	PQL
Arsenic	ND	ND	NA		10

Date of Report: March 6, 1998
Samples Submitted: February 23, 1998
Lab Traveler: 02-098
Project: VBC-0597

**TOTAL ARSENIC
EPA 6010
MS/MSD QUALITY CONTROL**

Date Extracted: 2-25-98
Date Analyzed: 2-25-98

Matrix: Soil
Units: mg/kg (ppm)
Lab ID: 02-098-07

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	78.0	78	75.1	75	3.8	

Date of Report: March 6, 1998
Samples Submitted: February 23, 1998
Lab Traveler: 02-098
Project: VBC-0597

Date Analyzed: 2-25-95

% MOISTURE

Client ID	Lab ID	% Moisture
VBC-0597-101-C2-S	02-098-02	14
VBC-0597-102-C2-S	02-098-05	12
VBC-0597-Pool	02-098-07	15



DATA QUALIFIERS AND ABBREVIATIONS

- A - Due to high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- D - Data from 1:____ dilution.
- E - The value reported exceeds the quantitation range, and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- G - Insufficient sample quantity for duplicate analysis.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - Quantitated from C7-C34 as diesel fuel #2.
- M - Predominantly _____ range hydrocarbons present in the sample.
- N1 - Hydrocarbons in the gasoline range (C7-toluene) are present in the sample which are elevating the diesel result.
- O1 - Hydrocarbons in the heavy oil range (>C24) are present in the sample which are elevating the diesel result.
- P1 - Hydrocarbons in the diesel range (C12-C24) are present in the sample which are elevating the oil result.
- Q - The RPD of the results between the two columns is greater than 25.
- R - Hydrocarbons outside the defined gasoline range are present in the sample.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- Z - Interferences were present which prevented the quantitation of the analyte below the detection limit reported.
- ND - Not Detected
- MRL - Method Reporting Limit
- PQL - Practical Quantitation

Chain Of Custody



OnSite Environmental Inc.

14924 NE 31st Circle • Redmond, WA 98052
Fax: (206) 885-4603 • Phone: (206) 883-3881

Company: White Shield
Project No: VBC-0597
Project Name: _____
Project Manager: Grey Thomas

Turn Around Requested: _____
(Check One)
☐ Same Day
☐ 24 Hours
☐ 48 Hours
☒ Standard
☐ (other) _____

Project Chemist: DAB Laboratory No. 02-098

Requested Analysis

Lat Id	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cdt.	WTPH-HCID	WTPH-G/BTEX	WTPH-D	WTPH-418.1	Volatiles by 8240/624	Volatiles by 8260	Chlorinated Volatiles by 8240/8260/624	Semivolatiles by 8270/625	PAHs by 8270/625	PCBs by 8080/608	Total RCRA Metals (8)	TCLP Metals	Pesticides	Arsenic	% Moisture
1	VBC-0597-109-DPC	2/19/98		Soil	1															
2	VBC-0597-101-C2S			Soil	2													X		X
3	VBC-0597-101-C2-6			Soil	2													X		
4	VBC-0597-101-C2-12			Soil	2													X		X
5	VBC-0597-102-C2-S			"	1													X		
6	VBC-0597-102-C2-6			"	1													X		
7	VBC-0597-Pool			"	2													X		X
8	VBC-0597-102-C2-12			"	1													X		X

COMMENTS: Hold other samples until further communication. Added 3/3/98 per Greg. DB.

RELINQUISHED BY	DATE	RECEIVED BY	DATE
<u>Grey Thomas</u>	<u>2/20/98</u>	<u>Grey Thomas</u>	<u>2/23/98</u>
<u>White Shield</u>		<u>OnSite Env.</u>	
RELINQUISHED BY	DATE	RECEIVED BY	DATE
FIRM	TIME	FIRM	TIME
RELINQUISHED BY	DATE	RECEIVED BY	DATE
FIRM	TIME	FIRM	TIME
REVIEWED BY		DATE REVIEWED	



March 6, 1998

Greg Thomas
White Shield, Inc.
P.O. Box 477
Grandview, WA 98930

Re: Analytical Data for Project VBC-0597
Laboratory Reference No. 9802-098

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on February 23, 1998.

The standard policy of OnSite Environmental Inc., is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Chemist

Enclosures

Date of Report: March 6, 1998
Samples Submitted: February 23, 1998
Lab Traveler: 02-098
Project: VBC-0597

TOTAL ARSENIC
EPA 6010

Date Extracted: 3-4-98
Date Analyzed: 3-5-98

Matrix: Soil
Units: mg/kg (ppm)

Client ID	Lab ID	Result	PQL
VBC-0597-102-C2-6	02-098-06	16	11

Date of Report: March 6, 1998
Samples Submitted: February 23, 1998
Lab Traveler: 02-098
Project: VBC-0597

**TOTAL ARSENIC
EPA 6010
METHOD BLANK QUALITY CONTROL**

Date Extracted: 3-4-98
Date Analyzed: 3-5-98

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0304S2

Analyte	Method	Result	PQL
Arsenic	6010	ND	10

Date of Report: March 6, 1998
Samples Submitted: February 23, 1998
Lab Traveler: 02-098
Project: VBC-0597

TOTAL ARSENIC
EPA 6010
DUPLICATE QUALITY CONTROL

Date Extracted: 3-4-98

Date Analyzed: 3-5-98

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-098-06

Analyte	Sample Result	Duplicate Result	RPD	Flags	PQL
Arsenic	14.4	13.4	6.8		10

Date of Report: March 6, 1998
Samples Submitted: February 23, 1998
Lab Traveler: 02-098
Project: VBC-0597

TOTAL ARSENIC
EPA 6010
MS/MSD QUALITY CONTROL

Date Extracted: 3-4-98
Date Analyzed: 3-5-98

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 02-098-06

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	96.8	82	103	88	7.0	

Date of Report: March 6, 1998
Samples Submitted: February 23, 1998
Lab Traveler: 02-098
Project: VBC-0597

Date Analyzed: 3-5-98

% MOISTURE

Client ID	Lab ID	% Moisture
VBC-0597-102-C2-6	02-098-06	10



DATA QUALIFIERS AND ABBREVIATIONS

- A - Due to high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
 - B - The analyte indicated was also found in the blank sample.
 - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
 - D - Data from 1:____ dilution.
 - E - The value reported exceeds the quantitation range, and is an estimate.
 - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
 - G - Insufficient sample quantity for duplicate analysis.
 - J - The value reported was below the practical quantitation limit. The value is an estimate.
 - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
 - L - Quantitated from C7-C34 as diesel fuel #2.
 - M - Predominantly _____ range hydrocarbons present in the sample.
 - N1 - Hydrocarbons in the gasoline range (C7-toluene) are present in the sample which are elevating the diesel result.
 - O1 - Hydrocarbons in the heavy oil range (>C24) are present in the sample which are elevating the diesel result.
 - P1 - Hydrocarbons in the diesel range (C12-C24) are present in the sample which are elevating the oil result.
 - Q - The RPD of the results between the two columns is greater than 25.
 - R - Hydrocarbons outside the defined gasoline range are present in the sample.
 - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
 - T - The sample chromatogram is not similar to a typical _____.
 - U - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
 - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
 - Z - Interferences were present which prevented the quantitation of the analyte below the detection limit reported.
- ND - Not Detected
 MRL - Method Reporting Limit
 PQL - Practical Quantitation

Chain Of Custody

Page 1 of 1

AMA OnSite Environmental Inc.
 14924 NE 31st Circle • Redmond, WA 98052
 Fax: (206) 885-4603 • Phone: (206) 883-3881

AMA OnSite Environmental Inc.		Project Chemist: <u>DAR</u>		Laboratory No.	
Requested Analysis		Requested Analysis		Requested Analysis	
<input type="checkbox"/> Same Day <input type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input checked="" type="checkbox"/> Standard <input type="checkbox"/> (other)		WTPH-HCID WTPH-G/BTEX WTPH-D WTPH-418.1 Volatiles by 8240/624 Volatiles by 8260 Chlorinated Volatiles by 8240/8260/624 Semivolatiles by 8270/625 PAHs by 8270/625 PCBs by 8080/608 Total RCRA Metals (8) TCLP Metals % Moisture			
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Cont.
1	VPC-0597-101-DPL	2/11/08		Soil	1
2	VPC-0597-101-C2S			Soil	2
3	VPC-0597-101-C2-6			Soil	2
4	VPC-0597-101-C2-12			Soil	2
5	VPC-0597-102-C2-5			"	1
6	VPC-0597-102-C2-6			"	1
7	VPC-0597-102-DPL			"	2
8	VPC-0597-102-C2-12			"	1

RELINQUISHED BY	DATE	RECEIVED BY	DATE
<u>W. J. Stoddard</u>	2/20/08	<u>Kimberly Ketch</u>	2/23/08
FIRM	TIME	FIRM	TIME
<u>W. J. Stoddard</u>		<u>OnSite Staff</u>	8:40
RELINQUISHED BY	DATE	RECEIVED BY	DATE
FIRM	TIME	FIRM	TIME
REVIEWED BY		DATE REVIEWED	

COMMENTS: Hold other samples until further communication. Added 3/3/08 per Greg D.S.



**OnSite
Environmental Inc.**

Analytical Testing and Mobile Laboratory Services

March 12, 1998

Greg Thomas
White Shield, Inc.
P.O. Box 477
Grandview, WA 98930

Re: Analytical Data for Project VBC-0597
Laboratory Reference No. 9802-098

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on February 23, 1998.

The standard policy of OnSite Environmental Inc., is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Chemist

Enclosures

SOUND ANALYTICAL SERVICES, INC.

Client Name	OnSite Environmental, Inc.
Client ID:	VBC-0597-109-DPC
Lab ID:	70819-01
Date Received:	2/23/98
Date Prepared:	2/27/98
Date Analyzed:	3/1/98
% Solids	93.4

Organochlorine Pesticides by USEPA Method 8081

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	104		63	149
Decachlorobiphenyl	86		57	143

Sample results are on a dry weight basis.

Analyte	Result (ug/kg)	PQL	Flags
Aldrin	ND	1	
alpha-BHC	ND	1	
beta-BHC	ND	1	
delta-BHC	ND	1	
gamma-BHC (Lindane)	ND	1	
Chlordane (technical)	ND	10	
4,4'-DDD	ND	2.1	
4,4'-DDE	ND	2.1	
4,4'-DDT	ND	2.1	
Dieldrin	ND	2.1	
Endosulfan I	ND	1	
Endosulfan II	ND	2.1	
Endosulfan sulfate	ND	2.1	
Endrin	ND	2.1	
Endrin aldehyde	ND	2.1	
Heptachlor	ND	1	
Heptachlor epoxide	ND	1	
Methoxychlor	ND	10	
Endrin ketone	ND	2.1	
Toxaphene	ND	100	

SOUND ANALYTICAL SERVICES, INC.

Client Name	OnSite Environmental, Inc.
Client ID:	VBC-0597-P001
Lab ID:	70819-03
Date Received:	2/23/98
Date Prepared:	2/27/98
Date Analyzed:	3/1/98
% Solids	85.16

Organochlorine Pesticides by USEPA Method 8081

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	87		63	149
Decachlorobiphenyl	67		57	143

Sample results are on a dry weight basis.

Analyte	Result (ug/kg)	PQL	Flags
Aldrin	ND	1.1	
alpha-BHC	ND	1.1	
beta-BHC	ND	1.1	
delta-BHC	ND	1.1	
gamma-BHC (Lindane)	ND	1.1	
Chlordane (technical)	ND	11	
4,4'-DDD	ND	2.3	
4,4'-DDE	ND	2.3	
4,4'-DDT	ND	2.3	
Dieldrin	ND	2.3	
Endosulfan I	ND	1.1	
Endosulfan II	ND	2.3	
Endosulfan sulfate	ND	2.3	
Endrin	ND	2.3	
Endrin aldehyde	ND	2.3	
Heptachlor	ND	1.1	
Heptachlor epoxide	ND	1.1	
Methoxychlor	ND	11	
Endrin ketone	ND	2.3	
Toxaphene	ND	110	

SOUND ANALYTICAL SERVICES, INC.

Lab ID:	Method Blank - PE877
Date Received:	-
Date Prepared:	2/27/98
Date Analyzed:	2/28/98
% Solids	

Organochlorine Pesticides by USEPA Method 8081

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	115		63	149
Decachlorobiphenyl	109		57	143

Sample results are on an as received basis.

Analyte	Result (ug/kg)	PQL	Flags
Aldrin	ND	1	
alpha-BHC	ND	1	
beta-BHC	ND	1	
delta-BHC	ND	1	
gamma-BHC (Lindane)	ND	1	
Chlordane (technical)	ND	10	
4,4'-DDD	ND	2	
4,4'-DDE	ND	2	
4,4'-DDT	ND	2	
Dieldrin	ND	2	
Endosulfan I	ND	1	
Endosulfan II	ND	2	
Endosulfan sulfate	ND	2	
Endrin	ND	2	
Endrin aldehyde	ND	2	
Heptachlor	ND	1	
Heptachlor epoxide	ND	1	
Methoxychlor	ND	10	
Endrin ketone	ND	2	
Toxaphene	ND	100	

SOUND ANALYTICAL SERVICES, INC.

Blank Spike/Blank Spike Duplicate Report

Lab ID: PE877
Date Prepared: 2/27/98
Date Analyzed: 2/28/98
QC Batch ID: PE877

Organochlorine Pesticides and PCBs by USEPA Method 8081

Compound Name	Blank Result (ug/kg)	Spike Amount (ug/kg)	BS Result (ug/kg)	BS % Rec.	BSD Result (ug/kg)	BSD % Rec.	RPD	Flag
Aldrin	0	25	25	99.8	25.1	100	0.2	
gamma-BHC (Lindane)	0	25	23.4	93.7	23.8	95.1	1.5	
4,4'-DDT	0	50	41.9	83.8	43.2	86.5	3.2	
Dieldrin	0	50	54.5	109	54.4	109	0	
Endrin	0	50	46.1	92.2	45.5	90.9	1.4	
Heptachlor	0	25	24.9	99.6	25	100	0.4	

SOUND ANALYTICAL SERVICES, INC.

Matrix Spike/Matrix Spike Duplicate Report

Client Sample ID: 1-A
Lab ID: 70963-01
Date Prepared: 2/27/98
Date Analyzed: 2/28/98
QC Batch ID: PE877

Organochlorine Pesticides and PCBs by USEPA Method 8081

Compound Name	Sample Result (ug/kg)	Spike Amount (ug/kg)	MS Result (ug/kg)	MS % Rec.	MSD Result (ug/kg)	MSD % Rec.	RPD	Flag
Aldrin	0	31	32.8	106	32.8	107	0.94	
gamma-BHC (Lindane)	0	31	30.4	97.9	29.9	97.2	0.72	
4,4'-DDT	3.9	62	55.1	82.5	51.5	77.4	6.4	
Dieldrin	41	62	104	102	105	105	2.9	
Endrin	0	62	67.3	109	68.1	111	1.8	
Heptachlor	54	31	49.8	0	64.1	31.6	200	X7

SOUND ANALYTICAL SERVICES, INC.

ANALYTICAL & ENVIRONMENTAL CHEMISTS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE: (253) 922-2310 - FAX: (253) 922-5047

DATA QUALIFIERS AND ABBREVIATIONS

- B1: This analyte was detected in the associated method blank. The analyte concentration was determined not to be significantly higher than the associated method blank (less than ten times the concentration reported in the blank).
- B2: This analyte was detected in the associated method blank. The analyte concentration in the sample was determined to be significantly higher than the method blank (greater than ten times the concentration reported in the blank).
- C1: Second column confirmation was performed. The relative percent difference value (RPD) between the results on the two columns was evaluated and determined to be $\leq 40\%$.
- C2: Second column confirmation was performed. The RPD between the results on the two columns was evaluated and determined to be $> 40\%$. The higher result was reported unless anomalies were noted.
- M: GC/MS confirmation was performed. The result derived from the original analysis was reported.
- D: The reported result for this analyte was calculated based on a secondary dilution factor.
- E: The concentration of this analyte exceeded the instrument calibration range and should be considered an estimated quantity.
- J: The analyte was analyzed for and positively identified, but the associated numerical value is an estimated quantity.
- MCL: Maximum Contaminant Level
- MDL: Method Detection Limit
- N: See analytical narrative.
- ND: Not Detected
- PQL: Practical Quantitation Limit
- X1: Contaminant does not appear to be "typical" product. Elution pattern suggests it may be _____.
- X2: Contaminant does not appear to be "typical" product.
- X3: Identification and quantitation of the analyte or surrogate was complicated by matrix interference.
- X4: RPD for duplicates was outside advisory QC limits. The sample was re-analyzed with similar results. The sample matrix may be nonhomogeneous.
- X4a: RPD for duplicates outside advisory QC limits due to analyte concentration near the method practical quantitation limit/detection limit.
- X5: Matrix spike recovery was not determined due to the required dilution.
- X6: Recovery and/or RPD values for matrix spike(/matrix spike duplicate) outside advisory QC limits. Sample was re-analyzed with similar results.
- X7: Recovery and/or RPD values for matrix spike(/matrix spike duplicate) outside advisory QC limits. Matrix interference may be indicated based on acceptable blank spike recovery and/or RPD.
- X7a: Recovery and/or RPD values for this spiked analyte outside advisory QC limits due to high concentration of the analyte in the original sample.
- X8: Surrogate recovery was not determined due to the required dilution.
- X9: Surrogate recovery outside advisory QC limits due to matrix interference.



CHAIN OF CUSTODY RECORD

OSE TRAVELER #: 02-098

Project Manager: David Baumeister

Project #: VBC-0597

Project Name:

[illegible]

6/3

Chain Of Custody

Page 1 of 1

OnSite Environmental Inc.
 14924 NE 31st Circle • Redmond, WA 98052
 Fax: (206) 885-4603 • Phone: (206) 883-3881

Company: White Shield
 Project No: VBC-0597
 Project Name: _____
 Project Manager: Grey Thomas

Turn Around Requested: _____
 (Check One)
☐ Same Day
☐ 24 Hours
☐ 48 Hours
☒ Standard
☐ (other) _____

Project Chemist: DAB Laboratory No. 02-098

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	WTR	WTR	WTR	Volat	Volat	Chlor	Sem	PAH	PC	Tot	TC	H	A	%	
1	VBC-0597-109-DPC	2/19/98		Soil	1												X			X
2	VBC-0597-101-C2-5			Soil	2												X			
3	VBC-0597-101-C2-6			Soil	2															
4	VBC-0597-101-C2-12			Soil	2												⊗			X
5	VBC-0597-102-C2-5			"	1												⊗			
6	VBC-0597-102-C2-6			"	1												X			X
7	VBC-0597-Pool			"	2															
8	VBC-0597-102-C2-12			"	1															

RECEIVED BY: Kyriena Koch DATE: 2/23/98
 RECEIVED BY: OnSite Env. DATE: 8:40
 RELINQUISHED BY: Grey Thomas DATE: 2/20/98
 RELINQUISHED BY: White Shield DATE: _____
 REVIEWED BY: _____ DATE REVIEWED: _____

COMMENTS: Hold other samples until further communication. Added 3/3/98 Per Greg J.B.



**OnSite
Environmental Inc.**

Analytical Testing and Mobile Laboratory Services

March 17, 1998

Greg Thomas
White Shield, Inc.
P.O. Box 477
Grandview, WA 98930

Re: Analytical Data for Project VBC-0597
Laboratory Reference No. 9802-098

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on February 23, 1998.

The standard policy of OnSite Environmental Inc., is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

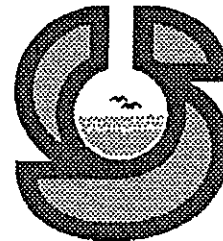
We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Chemist

Enclosures

Sound Analytical Services, Inc.
ANALYTICAL & ENVIRONMENTAL CHEMISTS
4813 Pacific Hwy East • Tacoma, WA 98424
(253) 922-2310 • FAX (253) 922-5047
e-mail: SoundL@aol.com



TRANSMITTAL MEMORANDUM

DATE: March 11, 1998

TO: David Baumeister
OnSite Environmental, Inc.
14924 N.E. 31st Circle
Redmond, WA 98052

PROJECT: VBC-0597

REPORT NUMBER: 71045

Enclosed are the test results for one sample received at Sound Analytical Services on March 4, 1998.

The report consists of this transmittal memo, analytical results, quality control reports, a copy of the chain-of-custody, a list of data qualifiers and analytical narrative when applicable, and a copy of any requested raw data.

Should there be any questions regarding this report, please contact me at (253) 922-2310.

Sincerely,

Stan Palmquist
Project Manager

SOUND ANALYTICAL SERVICES, INC.

Client Name	OnSite Environmental, Inc.
Client ID:	VBC-0597-102-C2-S
Lab ID:	71045-01
Date Received:	3/4/98
Date Prepared:	3/5/98
Date Analyzed:	3/10/98
% Solids	88.29

Organochlorine Pesticides by USEPA Method 8081

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	102		63	149
Decachlorobiphenyl	95		57	143

Sample results are on a dry weight basis.

Analyte	Result (ug/kg)	PQL	Flags
Aldrin	ND	1.1	
alpha-BHC	ND	1.1	
beta-BHC	ND	1.1	
delta-BHC	ND	1.1	
gamma-BHC (Lindane)	ND	1.1	
Chlordane (technical)	ND	11	
4,4'-DDD	ND	2.2	
4,4'-DDE	2.7	2.2	
4,4'-DDT	1.8	2.2	J
Dieldrin	ND	2.2	
Endosulfan I	ND	1.1	
Endosulfan II	ND	2.2	
Endosulfan sulfate	ND	2.2	
Endrin	ND	2.2	
Endrin aldehyde	ND	2.2	
Heptachlor	ND	1.1	
Heptachlor epoxide	ND	1.1	
Methoxychlor	ND	11	
Endrin ketone	ND	2.2	
Toxaphene	ND	110	

SOUND ANALYTICAL SERVICES, INC.

Lab ID:	Method Blank - PE882
Date Received:	-
Date Prepared:	3/5/98
Date Analyzed:	3/9/98
% Solids	

Organochlorine Pesticides by USEPA Method 8081

Surrogate	% Recovery	Flags	Recovery Limits	
			Low	High
TCMX	101		63	149
Decachlorobiphenyl	105		57	143

Sample results are on an as received basis.

Analyte	Result (ug/kg)	PQL	Flags
Aldrin	ND	1	
alpha-BHC	ND	1	
beta-BHC	ND	1	
delta-BHC	ND	1	
gamma-BHC (Lindane)	ND	1	
Chlordane (technical)	ND	10	
4,4'-DDD	ND	2	
4,4'-DDE	ND	2	
4,4'-DDT	ND	2	
Dieldrin	ND	2	
Endosulfan I	ND	1	
Endosulfan II	ND	2	
Endosulfan sulfate	ND	2	
Endrin	ND	2	
Endrin aldehyde	ND	2	
Heptachlor	ND	1	
Heptachlor epoxide	ND	1	
Methoxychlor	ND	10	
Endrin ketone	ND	2	
Toxaphene	ND	100	

SOUND ANALYTICAL SERVICES, INC.

Blank Spike/Blank Spike Duplicate Report

Lab ID: PE882
Date Prepared: 3/5/98
Date Analyzed: 3/9/98
QC Batch ID: PE882

Organochlorine Pesticides by USEPA Method 8081

Compound Name	Blank Result (ug/kg)	Spike Amount (ug/kg)	BS Result (ug/kg)	BS % Rec.	BSD Result (ug/kg)	BSD % Rec.	RPD	Flag
Aldrin	0	25	21.9	87.7	22.2	89	1.5	
gamma-BHC (Lindane)	0	50	44.8	89.6	45.6	91.3	1.9	
4,4'-DDT	0	50	43.6	87.2	45.3	90.6	3.8	
Dieldrin	0	50	50.7	101	51	102	0.99	
Endrin	0	75	68.8	91.7	69.8	93.1	1.5	
Heptachlor	0	50	50.6	101	49.9	99.7	1.3	
Heptachlor epoxide	0	25	28.8	115	29.2	117	1.7	
Methoxychlor	0	25	26.8	107	27.5	110	2.8	

SOUND ANALYTICAL SERVICES, INC.

Matrix Spike/Matrix Spike Duplicate Report

Client Sample ID:	VBC-0597-102-C2-S
Lab ID:	71045-01
Date Prepared:	3/5/98
Date Analyzed:	3/10/98
QC Batch ID:	PE882

Organochlorine Pesticides by USEPA Method 8081

Compound Name	Sample Result (ug/kg)	Spike Amount (ug/kg)	MS Result (ug/kg)	MS % Rec.	MSD Result (ug/kg)	MSD % Rec.	RPD	Flag
Aldrin	0	27.5	25.4	92.3	25	91.6	0.76	
gamma-BHC (Lindane)	0	55	52.5	95.5	52.1	95.4	0.1	
4,4'-DDT	1.8	55	52.6	92.4	51.9	91.7	0.76	
Dieldrin	0	55	58.6	107	58.3	107	0	
Endrin	0	82.5	90	109	91.2	111	1.8	
Heptachlor	0	55	59	107	57.7	106	0.94	
Heptachlor epoxide	0	27.5	33	120	32.5	119	0.84	
Methoxychlor	0	27.5	31	113	31.3	115	1.8	

SOUND ANALYTICAL SERVICES, INC.

ANALYTICAL & ENVIRONMENTAL CHEMISTS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE: (253) 922-2310 - FAX: (253) 922-5047

DATA QUALIFIERS AND ABBREVIATIONS

- B1: This analyte was detected in the associated method blank. The analyte concentration was determined not to be significantly higher than the associated method blank (less than ten times the concentration reported in the blank).
- B2: This analyte was detected in the associated method blank. The analyte concentration in the sample was determined to be significantly higher than the method blank (greater than ten times the concentration reported in the blank).
- C1: Second column confirmation was performed. The relative percent difference value (RPD) between the results on the two columns was evaluated and determined to be $\leq 40\%$.
- C2: Second column confirmation was performed. The RPD between the results on the two columns was evaluated and determined to be $> 40\%$. The higher result was reported unless anomalies were noted.
- M: GC/MS confirmation was performed. The result derived from the original analysis was reported.
- D: The reported result for this analyte was calculated based on a secondary dilution factor.
- E: The concentration of this analyte exceeded the instrument calibration range and should be considered an estimated quantity.
- J: The analyte was analyzed for and positively identified, but the associated numerical value is an estimated quantity.
- MCL: Maximum Contaminant Level
- MDL: Method Detection Limit
- N: See analytical narrative.
- ND: Not Detected
- PQL: Practical Quantitation Limit
- X1: Contaminant does not appear to be "typical" product. Elution pattern suggests it may be _____.
- X2: Contaminant does not appear to be "typical" product.
- X3: Identification and quantitation of the analyte or surrogate was complicated by matrix interference.
- X4: RPD for duplicates was outside advisory QC limits. The sample was re-analyzed with similar results. The sample matrix may be nonhomogeneous.
- X4a: RPD for duplicates outside advisory QC limits due to analyte concentration near the method practical quantitation limit/detection limit.
- X5: Matrix spike recovery was not determined due to the required dilution.
- X6: Recovery and/or RPD values for matrix spike(/matrix spike duplicate) outside advisory QC limits. Sample was re-analyzed with similar results.
- X7: Recovery and/or RPD values for matrix spike(/matrix spike duplicate) outside advisory QC limits. Matrix interference may be indicated based on acceptable blank spike recovery and/or RPD.
- X7a: Recovery and/or RPD values for this spiked analyte outside advisory QC limits due to high concentration of the analyte in the original sample.
- X8: Surrogate recovery was not determined due to the required dilution.
- X9: Surrogate recovery outside advisory QC limits due to matrix interference.

