127

APR 2 4 1992

MILLER, NASH, WIENER,
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THOMAS E. LINDLEY
ADMITTED IN OREGON, WASHINGTON, AND ILLINOIS

April 20, 1992

Mr. and Mrs. Paul Haverluk
1914 Hoxie Avenue
Richland, Washington 99352

FEDERAL EXPRESS

Manager of Coit Laundry
747 Stevens Drive
Richland, Washington 99352

Subject: Migrating Contamination

Dear Mr. and Mrs. Haverluk and Manager of Coit Laundry:

We represent Spectrum Properties, Inc., the owner of the real property located at 701 Stevens Drive, in Richland, Washington. As you may know, an environmental investigation was recently conducted on that property, and that investigation included the installation of groundwater monitoring wells. Those wells have revealed that significant releases of trichloroethylene ("TCE") and tetrachloroethylene ("PCE") from your property are migrating onto Spectrum's property. A copy of the environmental consultant's report relating to this investigation is enclosed. This is a dangerous and potentially costly problem, and it appears that you are wholly responsible for it.

Under Washington's laws regarding nuisance, trespass, and ultrahazardous activities, the Model Toxics Control Act, and the federal superfund law, among others, you must immediately stop the release of these contaminants, and you are fully responsible for the costs of investigating and cleaning them up. Spectrum is authorized under the referenced laws and others to initiate litigation to recover any costs it may incur in dealing with these releases. See, e.g., 42 USC § 9607; WAC 173-340-550(5).

Spectrum hereby demands that, at your cost, you immediately:

1. Stop any and all further releases of TCE and/or PCE into the environment;

2. Stop any and all migration of TCE and/or PCE onto Spectrum's property;

3. Initiate and then complete the investigation and remediation of all contamination that has reached Spectrum's property from your property; and

4. Reimburse Spectrum for all of its costs and damages relating to the TCE and PCE contamination, to date and in the future.

We hope to resolve this without litigation. However, if we do not hear from your attorney by 5 p.m. Monday, April 27, we must assume that you are not prepared to cooperate, and we will be forced to take all required legal action to stop and remove the contamination, at your cost, and to recover our damages.

Sincerely,

Thomas E. Lindley

cc (w/enc.): Mr. John Wietfeld
Department of Ecology

LETTER OF TRANSMITTAL

APR 2 4 1992

E.P. JOHNSON CONSTRUCTION, INC.

RT. 7, BOX 430-B
KENNEWICK, WA 99337
(509) 735-2479
FAX (509) 783-0331

DATE	JOB NO.
4-7-92	
ATTN: THOMAS E. LINDLEY	
RE: US BANK	

TO: MILLER, NASH, WIENER, HAGER & CARLSEN

ATTORNEYS AT LAW

3500 U.S. BANCORP TOWER

111 S.W. FIFTH AVENUE PORTLAND, OR.

GENTLEMEN:

WE ARE SENDING YOU [ ] ATTACHED

[ ] SHOP DRAWINGS [ ] PRINTS [ ] PLANS [XX] REPORTS
[ ] COPY OF LETTER [ ] SUBMITTALS [ ] SPECS [ ] OTHER

COPIES	DATE	NO.	DESCRIPTION
1	4-7-92		FINAL SITE ASSESSMENT REPORT

THESE ARE TRANSMITTED AS CHECKED BELOW:

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[ ] FOR YOUR USE
[ ] AS REQUESTED
[ ] FOR REVIEW AND COMMENT
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REMARKS

COPY TO:

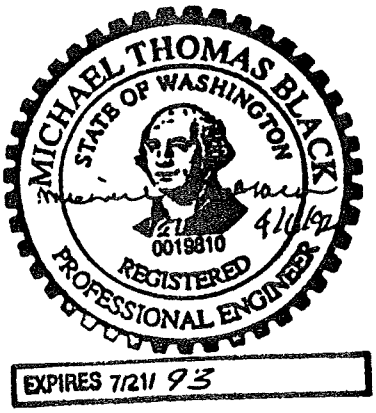
SIGNED: MICHAEL BLACK, P.E.

FINAL REPORT
US BANK FACILITY
RICHLAND, WASHINGTON

Prepared for:
Dean Hull, Project Manager
David Evans and Associates
Portland, Oregon

By:
Michael Black, P.E., R.E.A.
E.P. JOHNSON CONSTRUCTION INC.
Kennewick, Washington

March, 1992



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1.0 INTRODUCTION

1.1 Purpose

This report describes findings to date, actions taken, and the recommendations associated with a site assessment for the decommissioning of underground storage tanks at the U.S. Bank Facility at 701 Stevens Drive in Richland, Washington. The site walk-through portion of the site assessment revealed two additional poltential sources of contamination inside the facility, (1) a two stage sump serving drainage from the automobile painting room, wash rack, and floor drains, and (2) three hoist pits filled with water and hydraulic oil. We included the results of our findings with regards to these potential sources of contamination, as well. The topographic map in Appendix A provides the location of the facility at the northwest corner of Stevens Drive and Lee Blvd.

The data and documentation contained herein respond to regulatory requirements set forth by the United States Environmental Protection Agency and the State of Washington, Department of Ecology (DOE). In addition, our work responds to "due diligence" requirements set forth in the Comprehensive Environmental Response Compensation and Liabilities Act (Superfund or CERCLA) and Superfund Amendments and Reauthorization Act (SARA) for real estate transactions.

The DOE requires preservation of this report for 3 years. We recommend that you keep the report for at least 3 years and until the property is sold. The DOE also requires that a Notice of Permanent Closure of Underground Storage Tank(s) be filed with their Storage Tank Unit. We have completed this form and submitted

it to them. Appendix B contains a copy of the Notice along with the Site Assessment Checklist.

1.2 Scope of Work

David Evans and Associates (DEA), Project Manager, provided specifications for decommissioning of underground storage tanks (USTs) at the Property for performance by E.P. Johnson Construction Inc. (EPJ). During the evolution of the project, DEA informally amended EPJs scope to include the site assessment for removal of the USTs which includes producing this report.

Further, the scope for both DEA and EPJ expanded upon discovery of 3 hydraulic hoist pits and a sump located inside the facility. The sludge and liquid in the pits and sump were characterized, removed and properly disposed as an increase in project scope.

2.0 BACKGROUND INFORMATION

2.1 Site Description and History

The topographic map in Appendix A provides the location of the facility relative to local topographic and manmade features. Based on informal interviews and a review of aerial photos, we estimate operation of this facility dates back to the early 1950s. The facility operated as a car dealership and a full service and repair shop until sometime during the late 1970's when a mechanical contractor used it for his warehouse, maintenance shop, and offices. Current identifiable features in the shop area that could contribute to soil or water contamination include hydraulic hoists, and sump pit.

The property contained the following USTs (Sketch 1 in Appendix A):

Tank Number	Size (gallons)	Product
1	1,000	waste oil and gasoline
2	5,000	gasoline
3	5,000	diesel
4	500	diesel no. 2
5	9,000	bunker oil

A laundry to the north, a supermarket to the east, a service station to the south, and a high school to the west bound the property. The laundry to the north contains at least two UST's on the south west side of the laundry building (north of the site).

2.2 Site Topography and Surface Hydrology

Appendix A presents a topographic map of the general area that shows the Yakima and Columbia Rivers intersecting a relatively short distance to the south-southeast. The local topography exhibits little relief to the north, south, and east. The topography to the west contains a high ridge running north-south. The predominant local surface drainage consists of a north to south flowing (towards the Yakima River) creek and slough located approximately 1/2 block to the west of the facility. The storm drain system on this site drains to the creek and ultimately discharges into the Yakima River.

This site provides little opportunity for infiltration of surface water or contamination of surface water since it is located in an commercial area in the business district of Richland, Washington. Asphalt, concrete, and a storm drainage system provides infiltration control.

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2.3 Regional Geology

As with most of the Columbia Basin area, the Spokane Floods dictated most of the recent near surface geology. In the Ice Age, a lake formed that covered most of Montana behind an ice dam in northern Idaho. When the depth of the water reached approximately 2,000 feet high and 500 cubic miles of volume, the ice dam would break. This break sent a wall of water 2,000 feet high with 500 cubic miles of water volume behind it thundering for Spokane and points southwest. This flood cycle occurred at least 25 times. As the flood waters moved from northern Idaho and northeastern Washington, they picked up substantial debris such as rock, boulders and soil. Once the waters moved to a wide area, they slowed down and deposited the debris. The large rocks, intermittent silts, and other geology on site reflects this type of occurrence.

2.4 Site Geology

Generally, the site geology consists of fine-grained sandy silt down to approximately 20 feet deep (depth of monitoring well borings). The soil adjacent Lee Blvd. exhibits a greenish hue to the silts while the remainder of the site is light brown in color. The excavation for removal of the bunker oil and diesel tanks (Sketch 2) revealed anomalous geological features. We found sandy silt near the surface (0 to 3 feet deep), a mixture of sandy silt and 20 to 60 % river rock from 3 to 10 feet deep, and river rock or more sandy silt from 8 to 13 feet deep. The river rock appeared to run north-south from the edge of the south building wall to approximately the back of the curb on Lee Boulevard. The river rock area extended approximately 12 ft. in an east-west direction.

2.5 Groundwater Hydrology and Hydrochemistry

We encountered water at approximately 10 to 12 feet below grade. We installed monitoring well (MW) nos. A,B, and C between October 1-3, 1992 (Sketch 3, Appendix A). On October 21, we measured water table levels at MW-A,B and C with static water levels of 346.61, 347.11, and 346.85 respectively which indicated a groundwater flow trend to the east.

Our drilling program continued on February 4, 5, and 6, 1992 with the installation of monitoring well nos. D and E (see sketch 3). The table below provides a summary of static water level measurements and basic hydrochemistry data:

Monitoring Well No.	2/8/92 static water levels	2/10/92 static water levels	Final Temp (c)	Conductivity micro-siemens
A		346.47	346.56	
11564				
B	346.56	346.64	15.0	1492
C	346.49	346.45	15.7	1562
D	345.38	345.86	13.6	1289
E	345.87	345.96	14.4	1211

The static data water level data confirm groundwater flow to the east. The groundwater piezometric surface contains little relief and the data requires interpretation with commensurate caution. We performed a parametric evaluation, given this uncertainty, and the data clearly indicate the groundwater trends to the east. The parametric evaluation indicates essentially equal probabilities for the water to flow east-northeast as east-southeast depending on the specific borehole grouping selected. However, we maintain that a flow direction in an easterly direction

contains sufficient accuracy to complete this site assessment and make recommendations or conclusions.

As compared to other wells, MW-D demonstrates a much slower recovery rate than the other wells. Monitoring well C contains a dark gray silt while the other wells contain a light brown silt in the water. On the average, these wells required purging of approximately 7 well volumes prior to stabilization of conductivity and temperature. The conductivity of the groundwater demonstrates higher values to the west (towards the creek) than the east (adjacent Stevens Dr.). The temperature values reveal no significant patterns for analysis or conclusions.

3.0 FIELD ACTIVITIES AND INVESTIGATIVE RESULTS

3.1 Tank Inspection

Prior to removing the tanks, we inspected the exposed pumping and pipe work for any indications of leakage. We found no evidence of leakage. The waste oil tank exhibited soil staining near the fill spout.

We inspected each tank for signs of leakage or holes after they were removed and cleaned. Only Tank Nos. 1 and 4 provided any overt visual indication of leakage (Photo plates in Appendix C for Tank 1). These tanks contained large holes. Tank No. 3 contained one smaller hole on the west end. The nature of contamination found along with the location of the piping for the bunker oil leads us to suspect a leaky bunker oil line.

3.2 Sump and Buried Utilities Assessment

Sketch 4 presents the general routing for the discharge of the

sump inside the shop area. This sump collected drainage from floor drains, the washdown rack, and the auto-painting booth. The line discharged into storm dry well and then into the abandoned City of Richland Sanitary Sewer System located approximately 6 feet from the back of the sidewalk on Lee and Stevens streets. The current sanitary sewer system is 6 ft. off of the centerline of Lee and Stevens streets.

3.3 Soil Investigation

Appendix D contains a summary of soil/water testing locations and results exceeding action levels set by the State of Washington, Department of Ecology, Model Toxics Waste Control Act, February, 1991 along with the laboratory results. Overall we experienced moderate contamination associated with Tank No. 1 (Waste Oil), minor contamination associated with Tank No. 2 (gasoline) and substantial contamination associated with Tank nos. 4 and 5 containing diesel and bunker oil respectively. Sketch 2 presents an overview of contaminated areas.

In general, sample collection and control followed the protocol discussed below:

1. Select a laboratory certified clean sample jar for sample collection.

2. Using clean latex gloves and cleaned sample shovels (tri-sodium phosphate, chlorine, tap water rinse, and distilled water rinse wash cycle) tightly pack the soil in the sample jar (4 oz) to the top of the jar to prevent any air space.

3. Label the jar with the soil sample number, the type of

laboratory test that is required, the date, and the site name. Enter the sample on the chain of custody form.

4. Cool the sample in wet ice to 4 approximately degrees centigrade.

5. Repack the samples for shipment to the laboratory in blue ice and a cooler.

Our field techniques include thin layer chromatography (TLC) for non-volatile petroleum products (e.g. diesel, motor oil) and total organic vapor (TOV) analysis with a field instrument for volatile products. The TLC method provides direct comparison of determined values in parts per million against those requirements specified in the State of Washington, Model Toxics Waste Control Act (MTCA).

We determine our TOV values by using "headspace" measurements that allow the soil contamination to evaporate inside a sealed jar. We puncture the seal (aluminum foil) with a vapor probe and measure the TOV in parts per million (ppm). Any TOV value exceeding 20 ppm indicates cleanup or further testing is required. Unlike the TLC method, TOV values provide a crude correlation to actual values in the soil.

We used a GASTECH field instrument to determine the presence or absence of organic vapors emanating from the soil in headspace (soil confined in a sealed jar) during the clean up phase. This particular instrument employs the principle of heated catalytic elements in a Wheatstone Bridge circuit which react to combustible gases.

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3.4 Ground Water Investigation

We evaluated the presence of petroleum contamination during the removal of tanks, during the removal of PCS, and after removal of PCS and backfilling.

3.4.1 Pre-Water Monitoring Evaluation

We collected water samples from our excavation pits during the tank decommissioning and PCS removal portion of the work. Subsequent to decommissioning and PCS removal, we installed two sampling conduit sleeves (see subsection 3.5) to recover water samples for further analysis.

Extraction of water samples directly from the pits provided unavoidable cross contamination between the excavation pits associated with individual tanks. Appendix D presents the results of our testing. Our laboratory results from the pits indicated the contamination was primarily limited to the bunker oil associated with tank 5 and in the gravel bed discussed above.

3.4.2 Sample Conduit Materials Installation, General Water Sampling Techniques, and Results

The following steps provide an overview of the sleeve materials installation techniques and water sampling methods used for this project prior the installation of monitoring wells:

1. Pressure wash the 10 feet long sample conduit screen and casing.

2. Using a power shovel, dig at least 7 feet below the groundwater surface.

3. Join the sample conduit screen and permanent casing sections.

5. Set the sleeve screen below the static water level and back pack the annulus between the outside of the screen and the hole wall with clean 5/8 inch minimum graded and washed gravel to about 3 feet above the top of the screen.

6. Back pack the annulus between the outside of the casing and the hole wall with bentonite to prevent contamination migration from surface water or soil moisture above the water table to the groundwater.

7. Develop the sample conduit by pumping until clear water is observed.

8. Collect water samples in the steam cleaned steel bailer. Check each sample to confirm the absence of voids by turning the bottle on its side and looking for bubbles. The presence of bubbles indicates an invalid sample.

9. Cool the samples to approximately 4 degrees Centigrade in wet ice to prepare them for transportation. Transfer the samples to a cooler with blue ice for transport to the laboratory.

10. Decontaminate the sampling equipment.

11. Prepare the chain-of-custody documentation and shipping manifests for transport to the analytical laboratory.

After installing the sampling conduit sleeves, we collected samples at approximately 2 week cycles starting on May 15, 1991. We bailed at least 3 sleeve volumes and collected samples for 418.1

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and 8010 analysis using a stainless steel top bailer. All samples (MW1-1, MW2-1) demonstrated a lack of any contaminants above MTCA standards (Appendix D).

We returned on June 5 and 6, 1991 to pump approximately 300 gallons from each sleeve at a rate of approximately 10 gallons per minute. This pump down provided the following hydrological and sampling advantages:

- Removed fines from the extensive gravel and sand fill surrounding the screen.
- Established an approximate recharge rate for both sleeve of approximately 4 g.p.m. each.
- Removed turbidity from the water and provided an indication of water infiltration from outside the influence of the fill area.

Samples from Well-1 & Well-2 indicated a lack of petroleum hydrocarbons.

On June 27, we obtained sample numbers MW1-2 and MW1-3 for laboratory analysis for 418.1 (TPH) and 8015 (solvents) respectfully from the west well (MW1). The laboratory provided results above MTCA standards for TPH (2ppm with a guidance level of 1ppm).

We retested monitoring sleeve no. 1 on July 7, 1991 and found no evidence of measurable petroleum hydrocarbons (Appendix D, USB-MW-4). We conclude the 2 ppm measurement represents an anomaly in our sampling program and the likelihood of future sampling activities associated with the monitoring sleeve is unnecessary.

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3.4.3 Groundwater Contamination-Monitoring Wells

As discussed in Subsection 2.5, we installed 5 monitoring wells on the site using St. Georges Well Drilling, West Richland, Washington. A comprehensive groundwater sampling program with sampling on October 18, 1991, February 11, 1992, February 18&20, 1992, and March 3, 1992 clearly indicate a lack of petroleum fuel contamination in the groundwater (Appendix D).

However, our investigation revealed substantial solvent contamination in the far north and north-east corner of the property. A summary of solvent contamination above the State of Washington Model Toxics Control Act (MTCA) guidance levels follows:

1. Trichloroethylene (TCE)-(MTCA level: 5 parts per billion):

   Monitoring Well A (adjacent laundry facility) contained levels of 12 ppb in separate analyses conducted February 12, and March 5, 1992 using EPA Method 8010. Samples analyzed on February 28, 1992 using EPA Method 8240 revealed no TCE.

   Monitoring Well B (near northwest corner of building) contained TCE levels below the quantification level of 5 ppb.

   Monitoring Well E (near the northeast corner of the building) contained TCE below the quantification level of 5 ppb.

2. Tetrachloroethylene (PCE)-(MTCA level: 5 ppb)

   Monitoring Well A provided results of >50 ppb (EPA 8010), 1,400 ppb (EPA 8240), and 1,900 ppb (EPA 8010) on analysis performed February 12, February 21, and March 5, 1992 respectively. The > 50 ppb result reflects the analytical

laboratories initial assessment of the contaminant and an insufficient quantity of sample was left for analysis at higher levels. (see note below)

Monitoring Well B provided no indications of PCE above the quantification level of 5 ppb.

Monitoring Well E provided results of 25 ppb (EPA 8010), and 11 ppb (EPA 8240) on analyses conducted February 12, and February 21 respectively.

Note: The samples for monitoring wells A and B were apparently reversed either in the field or in the analytical laboratory for the samples submitted February 28, 1992 for analysis by EPA method 8240. We changed the sample numbers to correct the error on the laboratory reports and reflect actual conditions. The analyses for sampling February 12 and March 5 clearly reflect that the samples for the February 28, 1992 test were reversed.

The data clearly indicate high concentrations of the above solvents adjacent the north boundary of the property and the nearby underground storage tanks operated by the laundry to the north. The semi-volatile analyses (EPA Method 8270) indicate a lack of any semi-volatiles in the groundwater associated with Monitoring Well Nos. A, and E. Further, our rinsate sample analyses demonstrated sampling equipment cleaning techniques well within acceptable standards.

3.4 Contaminated Soil

We removed 324 cubic yards of PCS from the excavation areas and transported all known PCS for treatment and later verification

of treatment results to the City of Richland landfill. Most of the PCS resulted from contamination from bunker oil. The data suggested a limited PCS challenge that lent itself to excavation and land treatment.

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4.0 CONCLUSIONS AND RECOMMENDATIONS

Our excavation and aeration of petroleum contaminated soil (PCS) south of the facility and adjacent to Lee Boulevard removed and treated accessible PCS. Analytical laboratory tests for the treated PCS indicate successful treatment and the levels of petroleum contamination remaining in the treated soil fall well below regulatory limits. Our visual examination of the completed excavation sidewalls revealed small pockets of bunker oil remaining in the capillary zone and at the groundwater surface. We conclude the small observed amounts of bunker oil present a minimal environmental risk and total removal of the small amounts of bunker oil requires excessive expenditures. Our groundwater monitoring program found no detectible bunker oil in either the dissolved aqueous phase or the groundwater surface.

The installation and sampling of monitoring wells clearly indicate an lack of petroleum contaminated groundwater associated with the leaking underground storage tanks (LUST's). Our visual examination of the sump, sump drain, and hydraulic hoist pits, after cleaning, indicate a minimal opportunity for soil or groundwater contamination. However, our monitoring well data strongly indicate substantial contamination of the groundwater with tetrachloroethylene and trichloroethylene coming from the laundry to the north.

We recommend establishing an immediate dialogue with the owners of the laundry and the State of Washington, Department of Ecology to complete the remedial investigation, conduct a feasibility study for remediation, and start remediation. The concentrations of solvents on this site represent unacceptable levels of contamination in the groundwater and contaminations plumes increase in size over time which makes delaying remedial

activities more costly in the future.

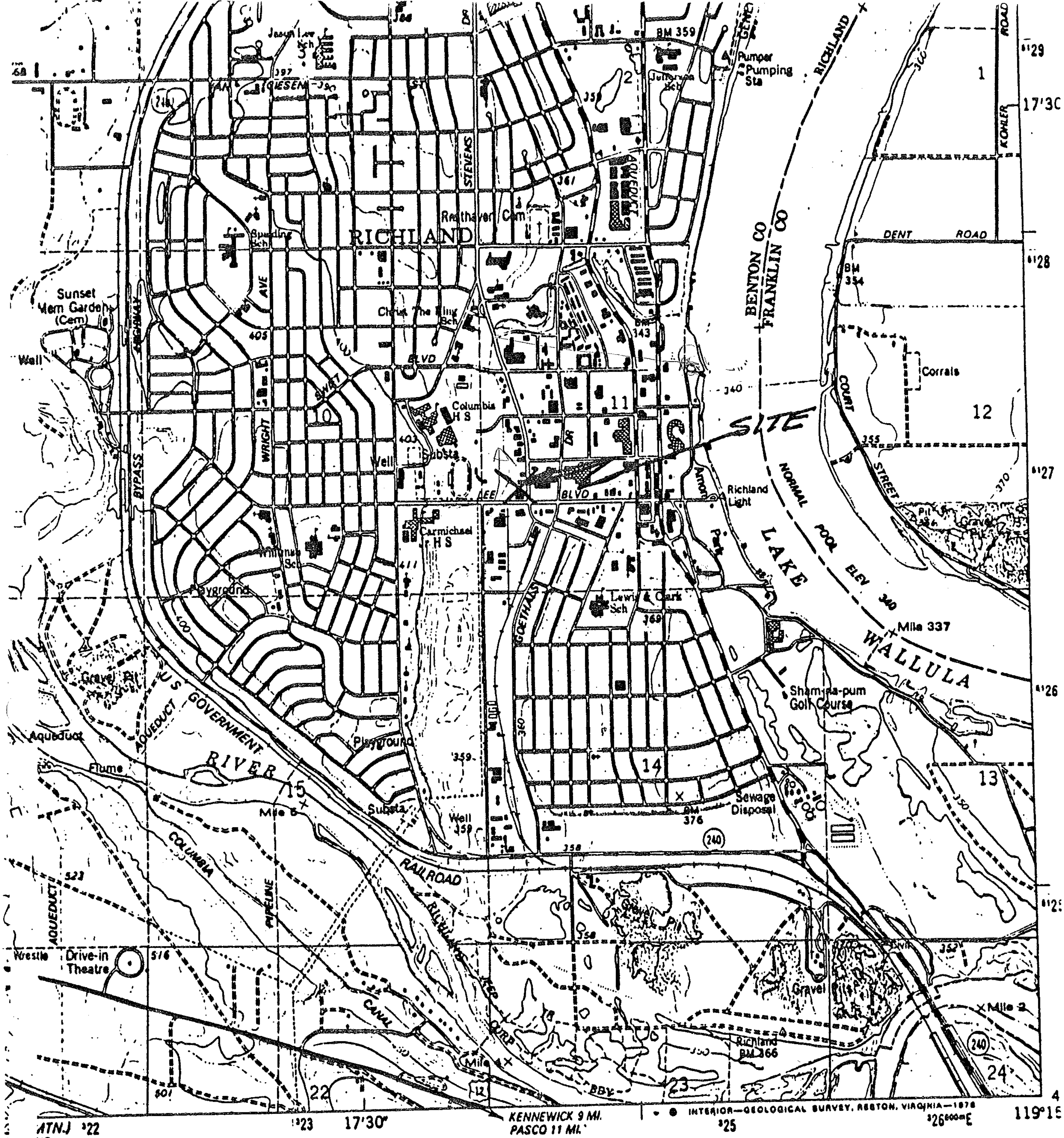
5.0 LIMITATIONS

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

This report is prepared for the use of David Evans and Associates and their client, USBANCORP. Use of this report by third parties without our written authorization is prohibited.

Michael Black, P.E., 21Mar92

APPENDIX A
MAPS AND SKETCHES



1:24 000

1 MILE

4000 5000 6000 7000 FEET

1 KILOMETER

VAL 10 FEET

VERTICAL DATUM OF 1929

ROAD CLASSIFICATION

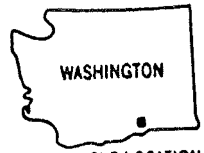
Primary highway, hard surface

Light-duty road, hard or improved surface

Secondary highway, hard surface

Unimproved road

Interstate Route U. S. Route State Route



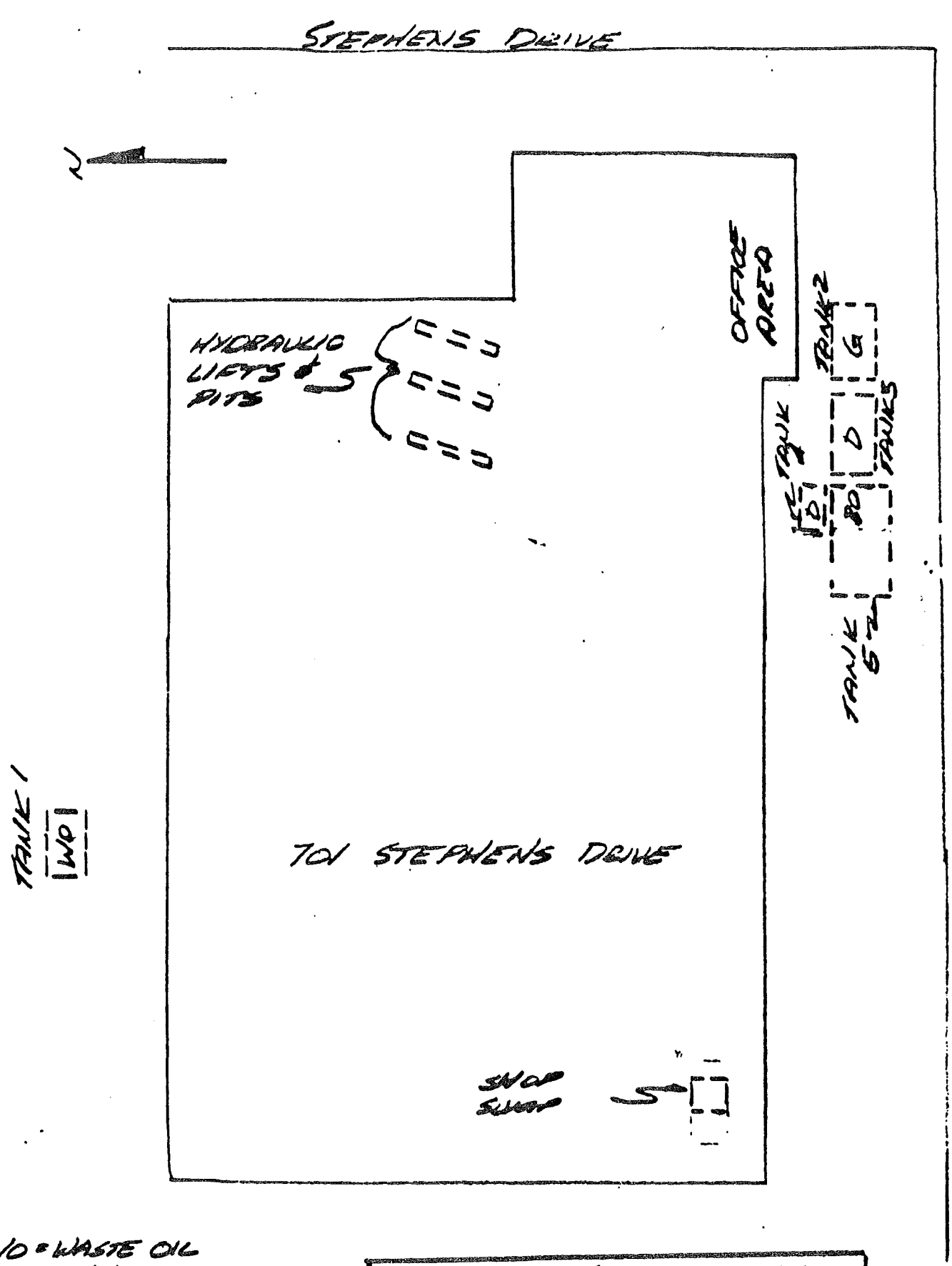
QUADRANGLE LOCATION

RICHLAND, WASH.

SE/4 RICHLAND 15' QUADRANGLE

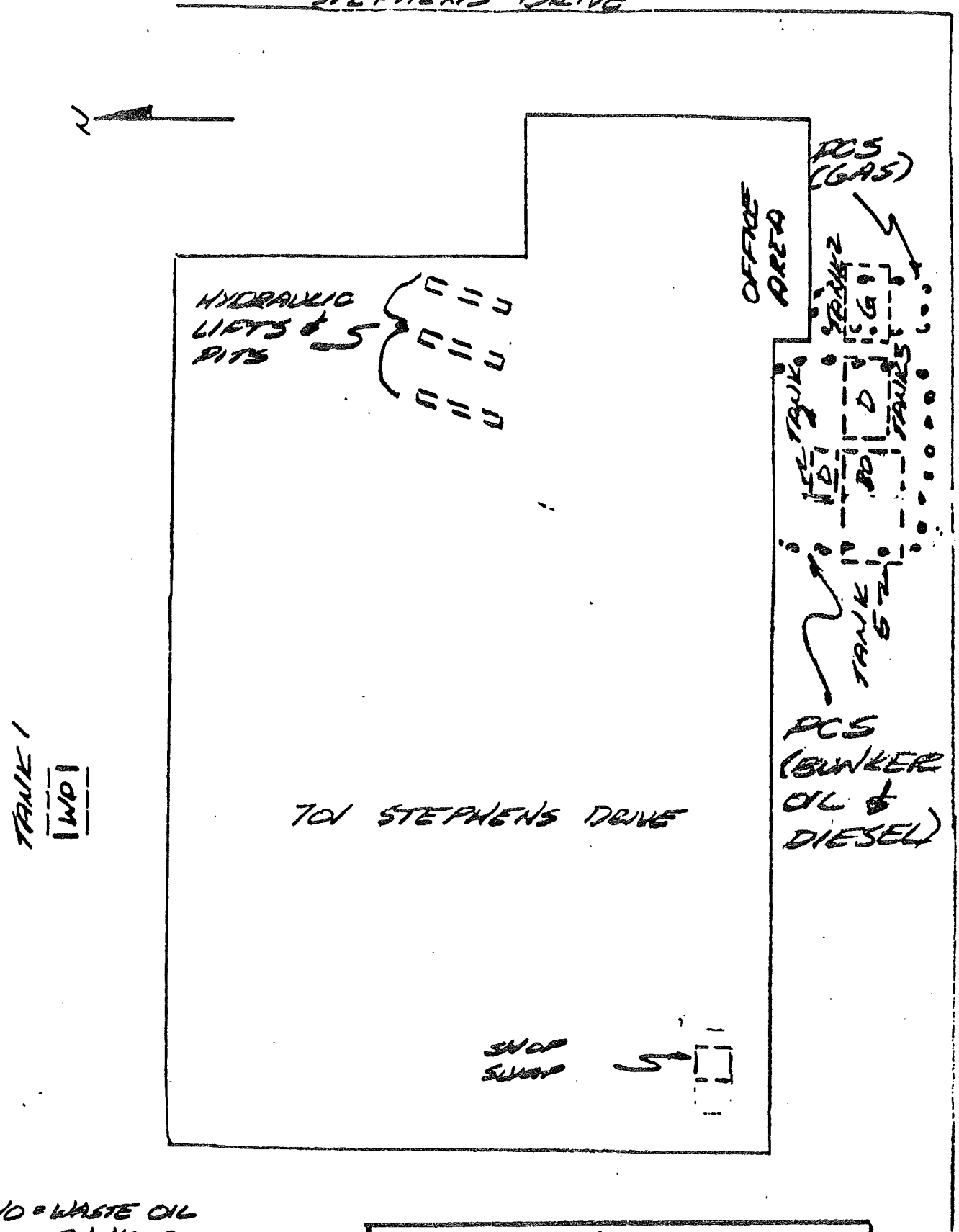
N4615—W11915/7.5

ATIONAL MAP ACCURACY STANDARDS



WO = WASTE OIL
BO = BUNKER OIL
G = GAS
D = DIESEL

EP JOHNSON CONSTRUCTION INC.
U.S. BANK UST SITE
SK-USB0191-1
M BLACK NO SCALE
4/2/91

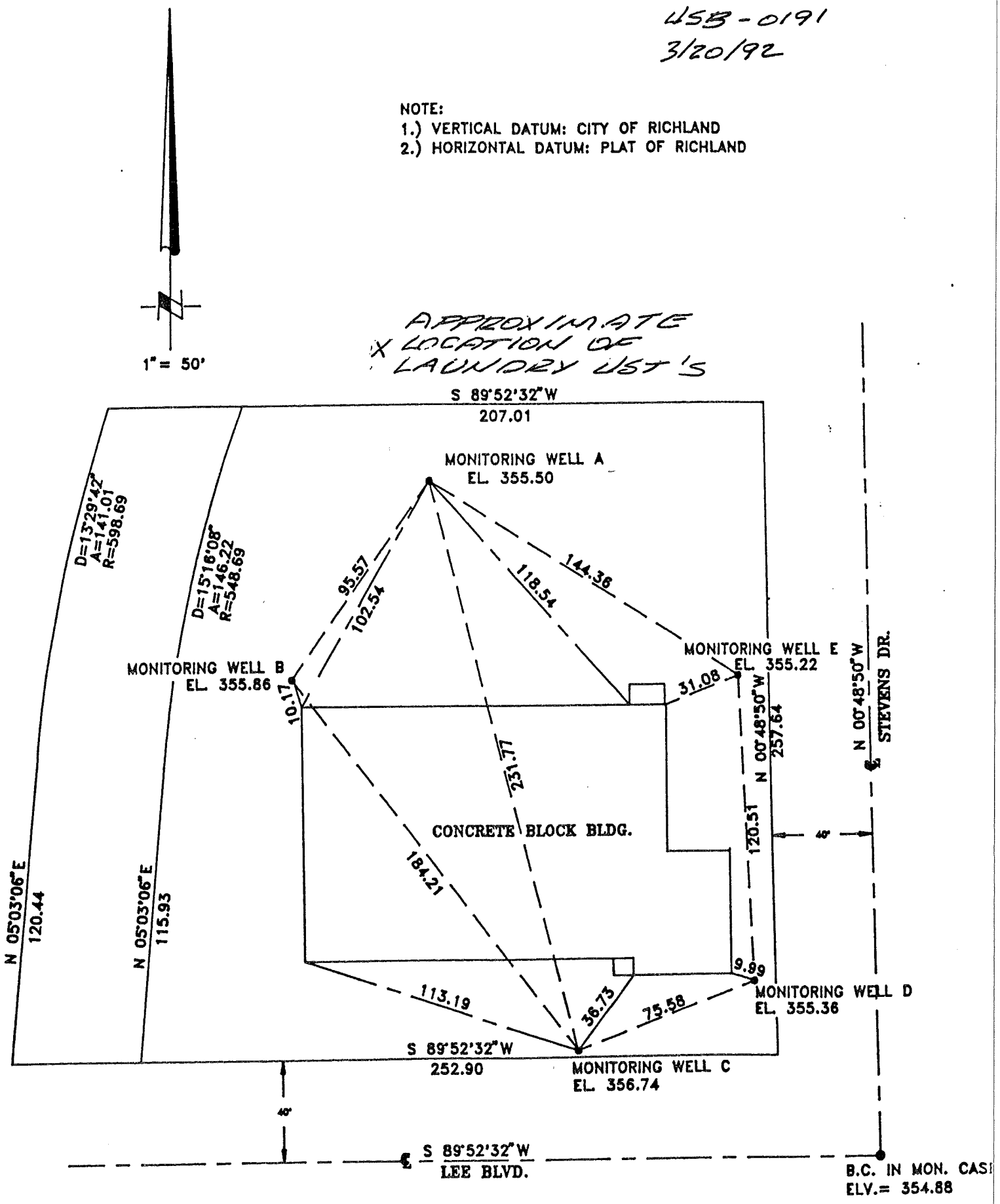


WO = WASTE OIL
BO = BUNKER OIL
G = GAS
D = DIESEL

EP HENRY CONSTRUCTION INC.
U.S. BANK UST SITE
SK-USB0191-3
M BLACK NO SCALE
4/2/91

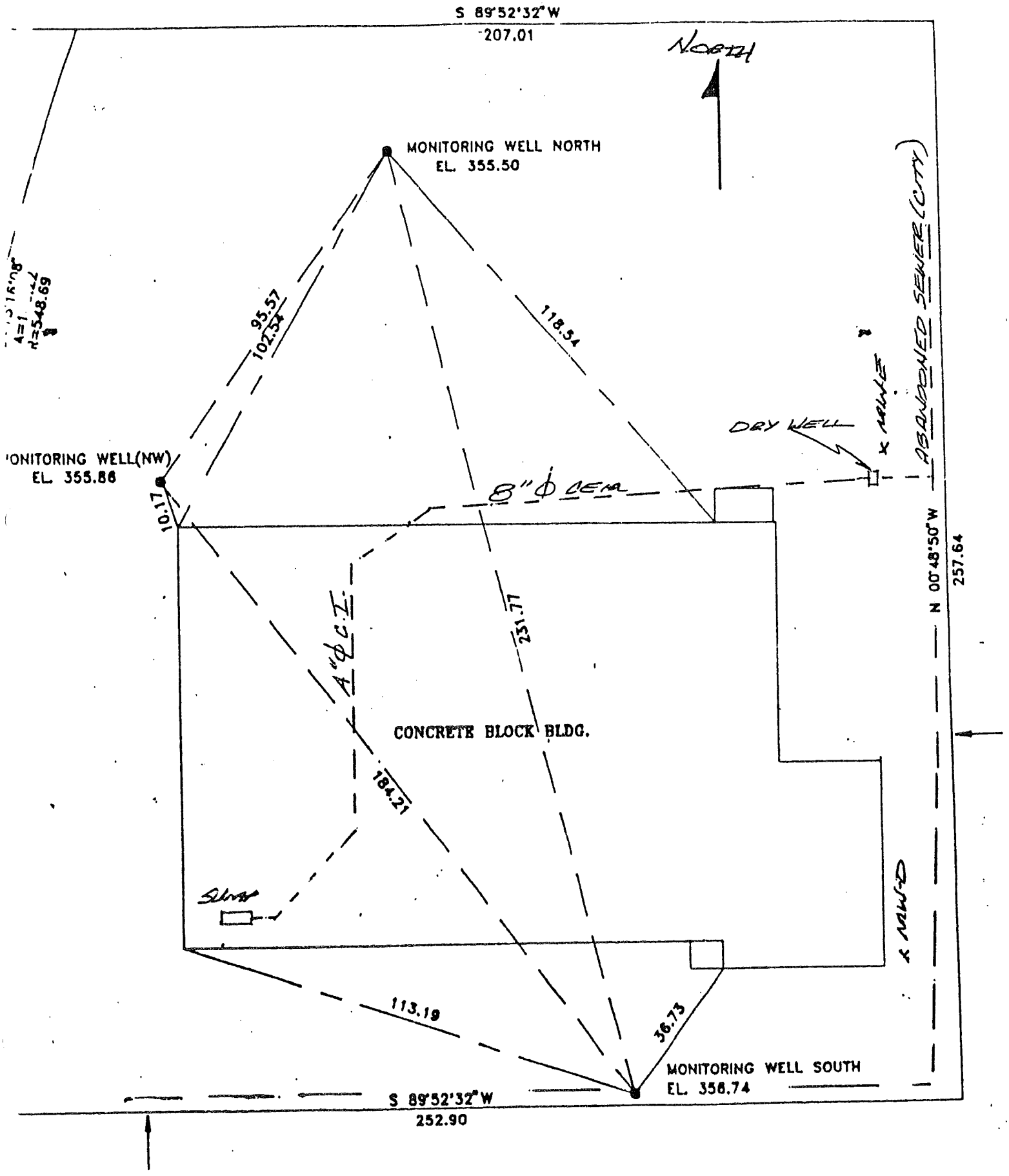
SKETCH 3
WSB-0191
3/20/92

NOTE:
1.) VERTICAL DATUM: CITY OF RICHLAND
2.) HORIZONTAL DATUM: PLAT OF RICHLAND



SCALE 1 IN. = 30 FT.

SKETCH 4
USB-041
3/20/92



APPENDIX B
REGULATORY FORMS AND NOTICES

UNDERGROUND STORAGE TANK
Permanent Closure/Change-In-Service Checklist

The purpose of this form is to certify the proper closure/change-in-service of underground storage tank (UST) systems. These activities must be conducted in accordance with Chapter 173.360 WAC. Washington State UST rules require the tank owner or operator to notify Ecology in writing 30 days prior to closure or change-in-service of tanks. This must be done by completing the 30 Day Notice form (ECY 010-155).

This Permanent Closure Checklist shall be completed and signed by a Licensed Decommissioning Supervisor. The supervisor shall be on site when all tank permanent closure/change-in-service activities are being conducted. The firm which employs the licensed supervisor shall also be licensed by the Washington State Department of Ecology as a Service Provider. If any of the activities listed below have been supervised by a different licensed supervisor, a separate checklist must be filled out and signed by the licensed supervisor performing those activities.

For further information about completing this form, please contact the Department of Ecology UST Program.

A separate checklist must be completed for each UST system (tank and associated piping), except that UST systems at one site may be reported together by completing page 2 of this form separately for each system. The completed checklist should be mailed to the following address within 30 days of the completion of the closure or change-in-service.

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

1. UST SYSTEM OWNER AND LOCATION

Site Owner/Operator: US BANKCORP

Owners Address: 111 S.W. 5TH AVE SUITE 355 (Street) (P.O. Box)

PORTLAND (City) OREGON (State) 97209 (ZIP-Code)

Telephone: ( )

Site ID Number (on invoice or available from Ecology if tank is registered): DNA

Site/Business Name: DNA

Site Address: 201 STEPHENS DRIVE (Street) BENTON (County)

RICHLAND (City) WA (State) ~~99~~ 99352 (ZIP-Code)

2. TANK PERMANENT CLOSURE/CHANGE-IN-SERVICE PERFORMED BY:

Firm: E.P. Johnson Construction Inc. License Number: SCC 0151

Address: Rt 7, Box 430-B (Street) (P.O. Box)

KENNEWICK (City) WA (State) 99337 (ZIP-Code)

Telephone: (509) 735-2479

Licensed Supervisor: ROD SHERER Decommissioning License Number: W 00041

This page must be completed separately for each tank permanently closed (decommissioned) or change-in-service at the site. For additional tanks you may photocopy this form prior to completing.

3. TANK CLOSURE/CHANGE-IN-SERVICE INFORMATION

1. Tank ID Number (as registered with Ecology): NO. 1 UNKNOWN 2. Year Installed: UNKNOWN

3. Tank capacity in gallons: 1000 4. Date of last use: ~1981 UNKNOWN

5. Last substance stored: WASTE OIL 6. Date of closure/change-in-service: 4/1/91

7. Type of closure: Closure with Tank Removal [X] In-place Closure [ ] Change-in-Service [ ]

8. If in-place closure is used, the tank has been filled with the following substance: N/A

9. If change-in-service, indicate new substance stored in tank: N/A

10. Local permit(s) (if any) obtained from:

Always contact local authorities regarding permit requirements.

11. Has a site assessment been completed? Yes [X] No [ ]

Unless an external release detection system is operating at the time of closure or change in service, and a report is provided as specified in WAC 173-360-390, a site assessment must be conducted. This site assessment must be conducted by a person registered with the Department of Ecology to perform site assessments. Results of the site assessment must be included with the Site Assessment Checklist (ECY 010-158).

4. CHECKLIST

Each item of the following checklist shall be initialed by the licensed supervisor whose signature appears below.

	Yes	No	NA*
1. Has all liquid been removed from product lines?	X		
2. Has all product piping been capped or removed?	X		
3. Have all non-product lines been capped or removed?	X		
4. Have all liquid and accumulated sludges been removed from the tank?	X		
5. Has the tank been properly purged or inerted?	X		
6. Have the drop tube, fill pipe, gauge pipe, pumps and other tank fixtures been removed?	X		
7. Have all tank openings been plugged or capped? NOTE: One plug should have 1/8 inch vent hole.	X		X
8. Have all sludges removed from the tank been designated and disposed of in accordance with the state of Washington's dangerous waste regulations (Chapter 173-303 WAC)?	X		
9. If removed, was tank properly labeled and disposed of in accordance with all applicable local, state and federal regulations?	X		

*Item not applicable

I hereby certify that I have been the licensed supervisor present on site during the above listed permanent closure activities and to the best of my knowledge they have been conducted in compliance with all applicable state and federal laws, regulations and procedures pertaining to underground storage tanks.

Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

4-10-91 (Date) Kurt Shen (Signature of Licensed Supervisor)

5. ADDITIONAL REQUIRED SIGNATURES

4-10-91 (Date) [signature] (Signature of Licensed Service Provider (Firm) Owner or Authorized Representative)

4-25-91 (Date) [signature] (Signature of Tank Owner or Authorized Representative)

UNDERGROUND STORAGE TANK
Permanent Closure/Change-In-Service Checklist

The purpose of this form is to certify the proper closure/change-in-service of underground storage tank (UST) systems. These activities must be conducted in accordance with Chapter 173.360 WAC. Washington State UST rules require the tank owner or operator to notify Ecology in writing 30 days prior to closure or change-in-service of tanks. This must be done by completing the 30 Day Notice form (ECY 010-155).

This Permanent Closure Checklist shall be completed and signed by a Licensed Decommissioning Supervisor. The supervisor shall be on site when all tank permanent closure/change-in-service activities are being conducted. The firm which employs the licensed supervisor shall also be licensed by the Washington State Department of Ecology as a Service Provider. If any of the activities listed below have been supervised by a different licensed supervisor, a separate checklist must be filled out and signed by the licensed supervisor performing those activities.

For further information about completing this form, please contact the Department of Ecology UST Program.

A separate checklist must be completed for each UST system (tank and associated piping), except that UST systems at one site may be reported together by completing page 2 of this form separately for each system. The completed checklist should be mailed to the following address within 30 days of the completion of the closure or change-in-service.

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

1. UST SYSTEM OWNER AND LOCATION

Site Owner/Operator: US BANCORP

Owners Address: 111 S.W. 5TH AVE (Street) SUITE 355 (P.O. Box)

PORTLAND (City) OREGON (State) 97209 (ZIP-Code)

Telephone: ( )

Site ID Number (on invoice or available from Ecology if tank is registered): N/A

Site/Business Name: N/A

Site Address: 201 STEPHENS DRIVE (Street) BENTON (County)

RICHLAND (City) WA (State) 99352 (ZIP-Code)

2. TANK PERMANENT CLOSURE/CHANGE-IN-SERVICE PERFORMED BY:

Firm: E.P. JOHNSON CONSTRUCTION INC. License Number: SECTE151

Address: RT 1, BOX 430-B (Street) (P.O. Box)

KENNEWICK (City) WA (State) 99337 (ZIP-Code)

Telephone: (509) 735-2479

Licensed Supervisor: ROD SHERER Decommissioning License Number: [illegible]

This page must be completed separately for each tank permanently closed (decommissioned) or change-in-service at the site. For additional tanks you may photocopy this form prior to completing.

3. TANK CLOSURE/CHANGE-IN-SERVICE INFORMATION

1. Tank ID Number (as registered with Ecology): NO. 2
2. Year installed: UNKNOWN
3. Tank capacity in gallons: 5000
4. Date of last use: UNKNOWN
5. Last substance stored: GASOLINE
6. Date of closure/change-in-service: DNA
7. Type of closure: Closure with Tank Removal [X] In-place Closure [ ] Change-in-Service [ ]
8. If in-place closure is used, the tank has been filled with the following substance: DNA
9. If change-in-service, indicate new substance stored in tank: DNA
10. Local permit(s) (if any) obtained from:

Always contact local authorities regarding permit requirements.

11. Has a site assessment been completed? Yes [X] No [ ]

Unless an external release detection system is operating at the time of closure or change in service, and a report is provided as specified in WAC 173-360-390, a site assessment must be conducted. This site assessment must be conducted by a person registered with the Department of Ecology to perform site assessments. Results of the site assessment must be included with the Site Assessment Checklist (ECY 010-158).

4. CHECKLIST

Each item of the following checklist shall be initialed by the licensed supervisor whose signature appears below.

	Yes	No	NA*
1. Has all liquid been removed from product lines?	X		
2. Has all product piping been capped or removed?	X		
3. Have all non-product lines been capped or removed?	X		
4. Have all liquid and accumulated sludges been removed from the tank?	X		
5. Has the tank been properly purged or inerted?	X		
6. Have the drop tube, fill pipe, gauge pipe, pumps and other tank fixtures been removed?	X		
7. Have all tank openings been plugged or capped? NOTE: One plug should have 1/8 inch vent hole.	X		X
8. Have all sludges removed from the tank been designated and disposed of in accordance with the state of Washington's dangerous waste regulations (Chapter 173-303 WAC)?	X		
9. If removed, was tank properly labeled and disposed of in accordance with all applicable local, state and federal regulations?	X		

*Item not applicable

I hereby certify that I have been the licensed supervisor present on site during the above listed permanent closure activities and to the best of my knowledge they have been conducted in compliance with all applicable state and federal laws, regulations and procedures pertaining to underground storage tanks.

Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

4-10-91 — Date
Signature of Licensed Supervisor

5. ADDITIONAL REQUIRED SIGNATURES

4-10-91 — Date
Signature of Licensed Service Provider (and) Owner or Authorized Representative

4-25-91 — Date
Signature of Tank Owner or Authorized Representative

UNDERGROUND STORAGE TANK
Permanent Closure/Change-In-Service Checklist

The purpose of this form is to certify the proper closure/change-in-service of underground storage tank (UST) systems. These activities must be conducted in accordance with Chapter 173.360 WAC. Washington State UST rules require the tank owner or operator to notify Ecology in writing 30 days prior to closure or change-in-service of tanks. This must be done by completing the 30 Day Notice form (ECY 010-155).

This Permanent Closure Checklist shall be completed and signed by a Licensed Decommissioning Supervisor. The supervisor shall be on site when all tank permanent closure/change-in-service activities are being conducted. The firm which employs the licensed supervisor shall also be licensed by the Washington State Department of Ecology as a Service Provider. If any of the activities listed below have been supervised by a different licensed supervisor, a separate checklist must be filled out and signed by the licensed supervisor performing those activities.

For further information about completing this form, please contact the Department of Ecology UST Program.

A separate checklist must be completed for each UST system (tank and associated piping), except that UST systems at one site may be reported together by completing page 2 of this form separately for each system. The completed checklist should be mailed to the following address within 30 days of the completion of the closure or change-in-service.

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

1. UST SYSTEM OWNER AND LOCATION

Site Owner/Operator: US BANKCORP

Owners Address: 111 S.W. 5TH AVE SUITE 355 (Street / P.O. Box)

PORTLAND (City) OREGON (State) 97204 (ZIP-Code)

Telephone: ( )

Site ID Number (on invoice or available from Ecology if tank is registered): DNA

Site/Business Name: DNA

Site Address: 201 STEPHENS DRIVE (Street) BENTON (County)

RICHLAND (City) WA (State) ~~93~~ 99352 (ZIP-Code)

2. TANK PERMANENT CLOSURE/CHANGE-IN-SERVICE PERFORMED BY:

Firm: E.P. Johnson Construction Inc. License Number: SCC0151

Address: Rt 7, Box A30-B (Street / P.O. Box)

KENNEWICK (City) WA (State) 99337 (ZIP-Code)

Telephone: (509) 735-2479

Licensed Supervisor: ROD SHEREK

Decommissioning License Number: WC0041

This page must be completed separately for each tank permanently closed (decommissioned) or change-in-service at the site. For additional tanks you may photocopy this form prior to completing.

3. TANK CLOSURE/CHANGE-IN-SERVICE INFORMATION

1. Tank ID Number (as registered with Ecology): No. 3
2. Year installed: UNKNOWN
3. Tank capacity in gallons: 4000
4. Date of last use: UNKNOWN
5. Last substance stored: DIESEL
6. Date of closure/change-in-service: DNA
7. Type of closure: Closure with Tank Removal [X] In-place Closure [ ] Change-in-Service [ ]
8. If in-place closure is used, the tank has been filled with the following substance: DNA
9. If change-in-service, indicate new substance stored in tank: DNA
10. Local permit(s) (if any) obtained from:

Always contact local authorities regarding permit requirements.

11. Has a site assessment been completed? Yes [X] No [ ]

Unless an external release detection system is operating at the time of closure or change in service, and a report is provided as specified in WAC 173-360-390, a site assessment must be conducted. This site assessment must be conducted by a person registered with the Department of Ecology to perform site assessments. Results of the site assessment must be included with the Site Assessment Checklist (ECY 010-158).

4. CHECKLIST

Each item of the following checklist shall be initialed by the licensed supervisor whose signature appears below.

	Yes	No	NA*
1. Has all liquid been removed from product lines?	X		
2. Has all product piping been capped or removed?	X		
3. Have all non-product lines been capped or removed?	X		
4. Have all liquid and accumulated sludges been removed from the tank?	X		
5. Has the tank been properly purged or inerted?	X		
6. Have the drop tube, fill pipe, gauge pipe, pumps and other tank fixtures been removed?	X		
7. Have all tank openings been plugged or capped? NOTE: One plug should have 1/8 inch vent hole.	X		X
8. Have all sludges removed from the tank been designated and disposed of in accordance with the state of Washington's dangerous waste regulations (Chapter 173-303 WAC)?	X		
9. If removed, was tank properly labeled and disposed of in accordance with all applicable local, state and federal regulations?	X		

*Item not applicable

I hereby certify that I have been the licensed supervisor present on site during the above listed permanent closure activities and to the best of my knowledge they have been conducted in compliance with all applicable state and federal laws, regulations and procedures pertaining to underground storage tanks.

Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

4-10-91 — Date

[signature] — Signature of Licensed Supervisor

5. ADDITIONAL REQUIRED SIGNATURES

4-10-91 — Date

[signature] — Signature of Licensed Service Provider, Firm Owner or Authorized Representative

11-25-91 — Date

[signature] — Signature of Tank Owner or Authorized Representative

UNDERGROUND STORAGE TANK
Permanent Closure/Change-In-Service Checklist

The purpose of this form is to certify the proper closure/change-in-service of underground storage tank (UST) systems. These activities must be conducted in accordance with Chapter 173.360 WAC. Washington State UST rules require the tank owner or operator to notify Ecology in writing 30 days prior to closure or change-in-service of tanks. This must be done by completing the 30 Day Notice form (ECY 010-155).

This Permanent Closure Checklist shall be completed and signed by a Licensed Decommissioning Supervisor. The supervisor shall be on site when all tank permanent closure/change-in-service activities are being conducted. The firm which employs the licensed supervisor shall also be licensed by the Washington State Department of Ecology as a Service Provider. If any of the activities listed below have been supervised by a different licensed supervisor, a separate checklist must be filled out and signed by the licensed supervisor performing those activities.

For further information about completing this form, please contact the Department of Ecology UST Program.

A separate checklist must be completed for each UST system (tank and associated piping), except that UST systems at one site may be reported together by completing page 2 of this form separately for each system. The completed checklist should be mailed to the following address within 30 days of the completion of the closure or change-in-service.

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

1. UST SYSTEM OWNER AND LOCATION

Site Owner/Operator: US BANCORP

Owners Address: 111 S.W. 5TH AVE (Street) SUITE 355 (P.O. Box)

PORTLAND (City) OREGON (State) 97209 (ZIP-Code)

Telephone: ( )

Site ID Number (on invoice or available from Ecology if tank is registered): DNA

Site/Business Name: DNA

Site Address: 201 STEPHENS DRIVE (Street) BENTON (County)

RICHLAND (City) WA (State) 99352 (ZIP-Code)

2. TANK PERMANENT CLOSURE/CHANGE-IN-SERVICE PERFORMED BY:

Firm: E.P. JOHNSON CONSTRUCTION INC. License Number: JOHNSEP151

Address: RT 2, BOX 450-B (Street) (P.O. Box)

KENNEWICK (City) WA (State) 99337 (ZIP-Code)

Telephone: (509) 735-2479

Licensed Supervisor: ROD SHERICK Decommissioning License Number: [illegible]

This page must be completed separately for each tank permanently closed (decommissioned) or change-in-service at the site. For additional tanks you may photocopy this form prior to completing.

3. TANK CLOSURE/CHANGE-IN-SERVICE INFORMATION

1. Tank ID Number (as registered with Ecology): NO. 4
2. Year installed: UNKNOWN
3. Tank capacity in gallons: 500
4. Date of last use: UNKNOWN
5. Last substance stored: DIESEL
6. Date of closure/change-in-service: DNA
7. Type of closure: Closure with Tank Removal [X] In-place Closure [ ] Change-in-Service [ ]
8. If in-place closure is used, the tank has been filled with the following substance: DNA
9. If change-in-service, indicate new substance stored in tank: DNA
10. Local permit(s) (if any) obtained from:

Always contact local authorities regarding permit requirements.

11. Has a site assessment been completed? Yes [X] No [ ]

Unless an external release detection system is operating at the time of closure or change in service, and a report is provided as specified in WAC 173-360-390, a site assessment must be conducted. This site assessment must be conducted by a person registered with the Department of Ecology to perform site assessments. Results of the site assessment must be included with the Site Assessment Checklist (ECY 010-158).

4. CHECKLIST

Each item of the following checklist shall be initialed by the licensed supervisor whose signature appears below.

	Yes	No	NA*
1. Has all liquid been removed from product lines?	X		
2. Has all product piping been capped or removed?	X		
3. Have all non-product lines been capped or removed?	X		
4. Have all liquid and accumulated sludges been removed from the tank?	X		
5. Has the tank been properly purged or inerted?	X		
6. Have the drop tube, fill pipe, gauge pipe, pumps and other tank fixtures been removed?	X		
7. Have all tank openings been plugged or capped? NOTE: One plug should have 1/8 inch vent hole.	X		X
8. Have all sludges removed from the tank been designated and disposed of in accordance with the state of Washington's dangerous waste regulations (Chapter 173-303 WAC)?	X		
9. If removed, was tank properly labeled and disposed of in accordance with all applicable local, state and federal regulations?	X		

*Item not applicable

I hereby certify that I have been the licensed supervisor present on site during the above listed permanent closure activities and to the best of my knowledge they have been conducted in compliance with all applicable state and federal laws, regulations and procedures pertaining to underground storage tanks.

Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

4-10-91 — Date

Signature of Licensed Supervisor

5. ADDITIONAL REQUIRED SIGNATURES

4-12-91 — Date

Signature of Licensed Service Provider (firm) Owner or Authorized Representative

4-25-91 — Date

Signature of Tank Owner or Authorized Representative

UNDERGROUND STORAGE TANK
Permanent Closure/Change-In-Service Checklist

The purpose of this form is to certify the proper closure/change-in-service of underground storage tank (UST) systems. These activities must be conducted in accordance with Chapter 173.360 WAC. Washington State UST rules require the tank owner or operator to notify Ecology in writing 30 days prior to closure or change-in-service of tanks. This must be done by completing the 30 Day Notice form (ECY 010-155).

This Permanent Closure Checklist shall be completed and signed by a Licensed Decommissioning Supervisor. The supervisor shall be on site when all tank permanent closure/change-in-service activities are being conducted. The firm which employs the licensed supervisor shall also be licensed by the Washington State Department of Ecology as a Service Provider. If any of the activities listed below have been supervised by a different licensed supervisor, a separate checklist must be filled out and signed by the licensed supervisor performing those activities.

For further information about completing this form, please contact the Department of Ecology UST Program.

A separate checklist must be completed for each UST system (tank and associated piping), except that UST systems at one site may be reported together by completing page 2 of this form separately for each system. The completed checklist should be mailed to the following address within 30 days of the completion of the closure or change-in-service.

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

1. UST SYSTEM OWNER AND LOCATION

Site Owner/Operator: US BANCORP

Owners Address: 111 S.W. 5TH AVE (Street) SUITE 355 (P.O. Box)

PORTLAND (City) OREGON (State) 97204 (ZIP-Code)

Telephone: ( )

Site ID Number (on invoice or available from Ecology if tank is registered): DNA

Site/Business Name: DNA

Site Address: 701 STEPHENS DRIVE (Street) BENTON (County)

RICHLAND (City) WA (State) 99352 (ZIP-Code)

2. TANK PERMANENT CLOSURE/CHANGE-IN-SERVICE PERFORMED BY:

Firm: E.F. JOHNSON CONSTRUCTION INC. License Number:

Address: RT 2, BOX 450-B (Street) (P.O. Box)

KENNEWICK (City) WA (State) (ZIP-Code)

Telephone: (509) 735-2179

Licensed Supervisor: ROD SHERICK Decommissioning License Number:

This page must be completed separately for each tank permanently closed (decommissioned) or change-in-service at the site. For additional tanks you may photocopy this form prior to completing.

3. TANK CLOSURE/CHANGE-IN-SERVICE INFORMATION

1. Tank ID Number (as registered with Ecology): No. 5
2. Year installed: UNKNOWN
3. Tank capacity in gallons: 6000
4. Date of last use: UNKNOWN
5. Last substance stored: HEATING OIL
6. Date of closure/change-in-service: 4-10-91
7. Type of closure: Closure with Tank Removal [X] In-place Closure [ ] Change-in-Service [ ]
8. If in-place closure is used, the tank has been filled with the following substance:
9. If change-in-service, indicate new substance stored in tank:
10. Local permit(s) (if any) obtained from:

Always contact local authorities regarding permit requirements.

11. Has a site assessment been completed? Yes [X] No [ ]

Unless an external release detection system is operating at the time of closure or change in service, and a report is provided as specified in WAC 173-360-390, a site assessment must be conducted. This site assessment must be conducted by a person registered with the Department of Ecology to perform site assessments. Results of the site assessment must be included with the Site Assessment Checklist (ECY 010-158).

4. CHECKLIST

Each item of the following checklist shall be initialed by the licensed supervisor whose signature appears below.

	Yes	No	NA*
1. Has all liquid been removed from product lines?	X		
2. Has all product piping been capped or removed?	X		
3. Have all non-product lines been capped or removed?	X		
4. Have all liquid and accumulated sludges been removed from the tank?	X		
5. Has the tank been properly purged or inerted?	X		
6. Have the drop tube, fill pipe, gauge pipe, pumps and other tank fixtures been removed?	X		
7. Have all tank openings been plugged or capped? NOTE: One plug should have 1/8 inch vent hole.	X		X
8. Have all sludges removed from the tank been designated and disposed of in accordance with the state of Washington's dangerous waste regulations (Chapter 173-303 WAC)?	X		
9. If removed, was tank properly labeled and disposed of in accordance with all applicable local, state and federal regulations?	X		

*Item not applicable

I hereby certify that I have been the licensed supervisor present on site during the above listed permanent closure activities and to the best of my knowledge they have been conducted in compliance with all applicable state and federal laws, regulations and procedures pertaining to underground storage tanks.

Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

4-10-91
Date

Signature of Licensed Supervisor

5. ADDITIONAL REQUIRED SIGNATURES

4-10-91
Date

Signature of Licensed Service Provider (firm) Owner or Authorized Representative

4-10-91
Date

Signature of Tank Owner or Authorized Representative

UNDERGROUND STORAGE TANK
Site Check/Site Assessment Checklist

The purpose of this form is to certify the proper investigation of an UST site for the presence of a release. These activities shall be conducted in accordance with Chapter 173.360 WAC. A description of the various situations requiring a site check or site assessment is provided in the guidance document for UST site checks and site assessments.

This Site Check/Site Assessment Checklist shall be completed and signed by a person registered with the Department of Ecology to perform site assessments.

Two copies of the results of the site check or site assessment should be included with this checklist according to the reporting requirements in the guidance document for UST site checks and site assessments.

For further information about completing this form, please contact the Department of Ecology UST Program.

The completed checklist should be mailed to the following address:

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

1. UST SYSTEM OWNER AND LOCATION

UST Owner/Operator: U.S BANKCORP

Owners Address: 111 S.W. 5TH AVENUE, SUITE 355 (Street) (P.O. Box)

PORTLAND (City) OREGON (State) 97204 (ZIP-Code)

Telephone: ( )

Site ID Number (on Invoice or available from Ecology if tank is registered): DNA

Site/Business Name: DNA

Site Address: 701 STEPHENS DRIVE (Street) BENTON (County)

RICHLAND, WA (City) (State) 99352 (ZIP-Code)

2. SITE CHECK/SITE ASSESSMENT CONDUCTED BY:

Registered Person: MICHAEL BLACK

Address: RT 1, BOX 430-B (Street) (P.O. Box)

KENNEWICK (City) WA (State) 99337 (ZIP-Code)

Telephone: (509) 735-2479

3. TANK INFORMATION

1. Tank ID Number (as registered with Ecology): DNA
2 Year installed: UNKNOWN
3. Tank capacity in gallons: 560 - 1,000 GA
4. Last substance stored: WASTE OIL

4. REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

_____ Investigate suspected release due to on-site environmental contamination
_____ Investigate suspected release due to off-site environmental contamination
_____ Extend temporary closure of UST system for more than 12 months
_____ UST system undergoing change-in-service
_____ UST system permanently closed-in-place
X UST system permanently closed with tank removed
_____ Required by Ecology or delegated agency for UST system closed before December 22, 1988
_____ Other (describe): _____

5. CHECKLIST

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.

	Yes	No
1. Has the site check/site assessment been conducted according to applicable procedures specified in the UST site check/site assessment guidance issued by the Department of Ecology?	X MMB	
2. Has a release from the UST system been confirmed? *NOTE: Owners/operators must report all confirmed releases to the Department of Ecology or delegated agency within 24 hours.*	X MMB	X
3. Are the results of the site check/site assessment enclosed with this checklist? *NOTE: Two copies of the site check/site assessment results must be submitted to the Department of Ecology according to the reporting requirements specified in the UST site check/site assessment guidance.*	X MMB	

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

10 APRIL 91
Date

Maurice D. Black
Signature of Person Registered with Ecology

6. OWNER'S SIGNATURE

4-25-91
Date

R. B. C.
Signature of Tank Owner or Authorized Representative

UNDERGROUND STORAGE TANK
Site Check/Site Assessment Checklist

The purpose of this form is to certify the proper investigation of an UST site for the presence of a release. These activities shall be conducted in accordance with Chapter 173.360 WAC. A description of the various situations requiring a site check or site assessment is provided in the guidance document for UST site checks and site assessments.

This Site Check/Site Assessment Checklist shall be completed and signed by a person registered with the Department of Ecology to perform site assessments.

Two copies of the results of the site check or site assessment should be included with this checklist according to the reporting requirements in the guidance document for UST site checks and site assessments.

For further information about completing this form, please contact the Department of Ecology UST Program.

The completed checklist should be mailed to the following address:

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

1. UST SYSTEM OWNER AND LOCATION

UST Owner/Operator: U.S BANKCORP

Owners Address: 111 S.W. 5TH AVENUE, SUITE 355
Street P.O. Box

PORTLAND OREGON 97204
City State ZIP-Code

Telephone: ( )

Site ID Number (on invoice or available from Ecology if tank is registered): DNA

Site/Business Name: DNA

Site Address: 701 STEPHENS DRIVE BENTON
Street County

RICHLAND, WA 99352
City State ZIP-Code

2. SITE CHECK/SITE ASSESSMENT CONDUCTED BY:

Registered Person: MICHAEL BLACK

Address: RT 1, BOX 430-B
Street P.O. Box

KENNEWICK WA 99337
City State ZIP-Code

Telephone: (509) 735-2479

3. TANK INFORMATION

1. Tank ID Number (as registered with Ecology): DNA
2. Year installed: UNKNOWN
3. Tank capacity in gallons: No. 2 - 5000 GAL
4. Last substance stored: GAS

4. REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

_____ Investigate suspected release due to on-site environmental contamination
_____ Investigate suspected release due to off-site environmental contamination
_____ Extend temporary closure of UST system for more than 12 months
_____ UST system undergoing change-in-service
_____ UST system permanently closed-in-place
X UST system permanently closed with tank removed
_____ Required by Ecology or delegated agency for UST system closed before December 22, 1988
_____ Other (describe): _____

5. CHECKLIST

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.

	Yes	No
1. Has the site check/site assessment been conducted according to applicable procedures specified in the UST site check/site assessment guidance issued by the Department of Ecology?	X MLB	
2. Has a release from the UST system been confirmed? *NOTE: Owners/operators must report all confirmed releases to the Department of Ecology or delegated agency within 24 hours.*	X MTB	
3. Are the results of the site check/site assessment enclosed with this checklist? *NOTE: Two copies of the site check/site assessment results must be submitted to the Department of Ecology according to the reporting requirements specified in the UST site check/site assessment guidance.*	X MTB	

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

9 DEC. 91
Date

Michael J. Blaes
Signature of Person Registered with Ecology

6. OWNER'S SIGNATURE

4-25-91
Date

Signature of Tank Owner or Authorized Representative

UNDERGROUND STORAGE TANK
Site Check/Site Assessment Checklist

The purpose of this form is to certify the proper investigation of an UST site for the presence of a release. These activities shall be conducted in accordance with Chapter 173.360 WAC. A description of the various situations requiring a site check or site assessment is provided in the guidance document for UST site checks and site assessments.

This Site Check/Site Assessment Checklist shall be completed and signed by a person registered with the Department of Ecology to perform site assessments.

Two copies of the results of the site check or site assessment should be included with this checklist according to the reporting requirements in the guidance document for UST site checks and site assessments.

For further information about completing this form, please contact the Department of Ecology UST Program.

The completed checklist should be mailed to the following address:

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

1. UST SYSTEM OWNER AND LOCATION

UST Owner/Operator: U.S BANKCORP

Owners Address: 111 S.W. 5TH AVENUE, SUITE 355 (Street / P.O. Box)

PORTLAND (City) OREGON (State) 97204 (ZIP-Code)

Telephone: ( )

Site ID Number (on invoice or available from Ecology if tank is registered): DNA

Site/Business Name: DNA

Site Address: 701 STEPHENS DRIVE (Street) BENTON (County)

RICHLAND, WA (City / State) 99352 (ZIP-Code)

2. SITE CHECK/SITE ASSESSMENT CONDUCTED BY:

Registered Person: MICHAEL BLACK

Address: RT 1, BOX A30-B (Street / P.O. Box)

KENNEWICK (City) WA (State) 99337 (ZIP-Code)

Telephone: (509) 735-2479

3. TANK INFORMATION

1. Tank ID Number (as registered with Ecology): DNA
2. Year installed: UNKNOWN
3. Tank capacity in gallons: No. 3, 5000 GAL
4. Last substance stored: DIESEL

4. REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

_____ Investigate suspected release due to on-site environmental contamination

_____ Investigate suspected release due to off-site environmental contamination

_____ Extend temporary closure of UST system for more than 12 months

_____ UST system undergoing change-in-service

_____ UST system permanently closed-in-place

X UST system permanently closed with tank removed

_____ Required by Ecology or delegated agency for UST system closed before December 22, 1988

_____ Other (describe): _____

5. CHECKLIST

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.

	Yes	No
1. Has the site check/site assessment been conducted according to applicable procedures specified in the UST site check/site assessment guidance issued by the Department of Ecology?	X MTES	
2. Has a release from the UST system been confirmed? *NOTE: Owners/operators must report all confirmed releases to the Department of Ecology or delegated agency within 24 hours.*	X MTES	
3. Are the results of the site check/site assessment enclosed with this checklist? *NOTE: Two copies of the site check/site assessment results must be submitted to the Department of Ecology according to the reporting requirements specified in the UST site check/site assessment guidance.*	X MTES	

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

9 APRIL 91
Date

Michael J. Blaes
Signature of Person Registered with Ecology

6. OWNER'S SIGNATURE

14-15-91
Date

R. P. [illegible]
Signature of Tank Owner or Authorized Representative

UNDERGROUND STORAGE TANK
Site Check/Site Assessment Checklist

The purpose of this form is to certify the proper investigation of an UST site for the presence of a release. These activities shall be conducted in accordance with Chapter 173.360 WAC. A description of the various situations requiring a site check or site assessment is provided in the guidance document for UST site checks and site assessments.

This Site Check/Site Assessment Checklist shall be completed and signed by a person registered with the Department of Ecology to perform site assessments.

Two copies of the results of the site check or site assessment should be included with this checklist according to the reporting requirements in the guidance document for UST site checks and site assessments.

For further information about completing this form, please contact the Department of Ecology UST Program.

The completed checklist should be mailed to the following address:

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

1. UST SYSTEM OWNER AND LOCATION

UST Owner/Operator: U.S BANKCORP

Owners Address: 111 S.W. 5TH AVENUE, SUITE 355 (Street / P.O. Box)

PORTLAND (City) OREGON (State) 97204 (ZIP-Code)

Telephone: ( )

Site ID Number (on invoice or available from Ecology if tank is registered): DNA

Site/Business Name: DNA

Site Address: 701 STEPHENS DRIVE (Street) BENTON (County)

RICHLAND, WA (City / State) 99352 (ZIP-Code)

2. SITE CHECK/SITE ASSESSMENT CONDUCTED BY:

Registered Person: MICHAEL BLACK

Address: RT 1, BOX 430-B (Street / P.O. Box)

KENNEWICK (City) WA (State) 99337 (ZIP-Code)

Telephone: (509) 735-2479

3. TANK INFORMATION

1. Tank ID Number (as registered with Ecology): DNA
2. Year Installed: UNKNOWN
3. Tank capacity in gallons: No. 4, 500 GAL
4. Last substance stored: DIESEL

4. REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

_____ Investigate suspected release due to on-site environmental contamination

_____ Investigate suspected release due to off-site environmental contamination

_____ Extend temporary closure of UST system for more than 12 months

_____ UST system undergoing change-in-service

_____ UST system permanently closed-in-place

X UST system permanently closed with tank removed

_____ Required by Ecology or delegated agency for UST system closed before December 22, 1988

_____ Other (describe): _____

5. CHECKLIST

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.

	Yes	No
1. Has the site check/site assessment been conducted according to applicable procedures specified in the UST site check/site assessment guidance issued by the Department of Ecology?	X MRB	
2. Has a release from the UST system been confirmed? *NOTE: Owners/operators must report all confirmed releases to the Department of Ecology or delegated agency within 24 hours.*	X MRB	
3. Are the results of the site check/site assessment enclosed with this checklist? *NOTE: Two copies of the site check/site assessment results must be submitted to the Department of Ecology according to the reporting requirements specified in the UST site check/site assessment guidance.*	X MRB	

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

9 DEC 91
Date

Michael D. Rhodes
Signature of Person Registered with Ecology

6. OWNER'S SIGNATURE

12-5-91
Date

R. E. Lee
Signature of Tank Owner or Authorized Representative

UNDERGROUND STORAGE TANK
Site Check/Site Assessment Checklist

The purpose of this form is to certify the proper investigation of an UST site for the presence of a release. These activities shall be conducted in accordance with Chapter 173.360 WAC. A description of the various situations requiring a site check or site assessment is provided in the guidance document for UST site checks and site assessments.

This Site Check/Site Assessment Checklist shall be completed and signed by a person registered with the Department of Ecology to perform site assessments.

Two copies of the results of the site check or site assessment should be included with this checklist according to the reporting requirements in the guidance document for UST site checks and site assessments.

For further information about completing this form, please contact the Department of Ecology UST Program.

The completed checklist should be mailed to the following address:

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

1. UST SYSTEM OWNER AND LOCATION

UST Owner/Operator: U.S. BANCORP

Owners Address: 111 S.W. 5TH AVENUE, SUITE 355
Street P.O. Box

PORTLAND OREGON 97204
City State ZIP-Code

Telephone: ( )

Site ID Number (on invoice or available from Ecology if tank is registered): DNA

Site/Business Name: DNA

Site Address: 701 STEPHENS DRIVE BENTON
Street County

RICHLAND, WA 99352
City State ZIP-Code

2. SITE CHECK/SITE ASSESSMENT CONDUCTED BY:

Registered Person: MICHAEL BLACK

Address: RT 7, BOX 430-B
Street P.O. Box

KENNEWICK WA 99337
City State ZIP-Code

Telephone: (509) 735-2479

3. TANK INFORMATION

1. Tank ID Number (as registered with Ecology): DNA
2. Year installed: UNKNOWN
3. Tank capacity in gallons: NO. 5, 9000 GAL.
4. Last substance stored: BUNKER OIL

4. REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

_____ Investigate suspected release due to on-site environmental contamination

_____ Investigate suspected release due to off-site environmental contamination

_____ Extend temporary closure of UST system for more than 12 months

_____ UST system undergoing change-in-service

_____ UST system permanently closed-in-place

X UST system permanently closed with tank removed

_____ Required by Ecology or delegated agency for UST system closed before December 22, 1988

_____ Other (describe): _____

5. CHECKLIST

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.

	Yes	No
1. Has the site check/site assessment been conducted according to applicable procedures specified in the UST site check/site assessment guidance issued by the Department of Ecology?	X MRB	
2. Has a release from the UST system been confirmed? *NOTE: Owners/operators must report all confirmed releases to the Department of Ecology or delegated agency within 24 hours.*	X MRB	
3. Are the results of the site check/site assessment enclosed with this checklist? *NOTE: Two copies of the site check/site assessment results must be submitted to the Department of Ecology according to the reporting requirements specified in the UST site check/site assessment guidance.*	X MRB	

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

9 Nov. 91
Date

Michael J. Bolle
Signature of Person Registered with Ecology

6. OWNER'S SIGNATURE

4-25-91
Date

Signature of Tank Owner or Authorized Representative

CERTIFICATE OF DEMOLITION

Facility

Name FORMER CAR DEALERSHIP

Address 701 STEVENS DRIVE

RICHLAND, WA 99352

Facility ID NO. _____

Phone _____

Tank Owner

Name US BANCORP

Address 111 S.W. FIFTH AVENUE, SUITE 355

PORTLAND, OR 97204

Phone (503) 275-3945

Performed By:

E. P. JOHNSON CONSTRUCTION, INC.
Rt. 7, Box 430-B
Kennewick, WA 99337
(509) 735-2479

Tanks to be Decommissioned

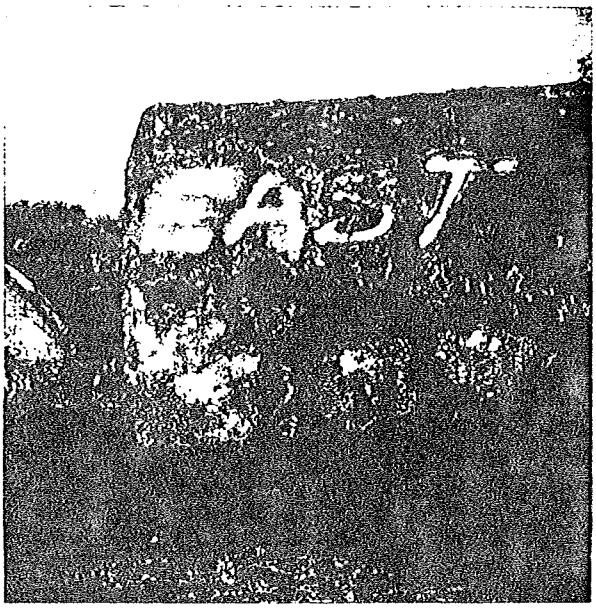
Tank ID#	Tank Size	Last Product Stored
	500 GALLON	DIESEL
	1000 GALLON	WASTE OIL
	5000 GALLON	GASOLINE
	5000 GALLON	DIESEL
	9000 GALLON	BUNKER OIL

Where and how will the old tanks be disposed?

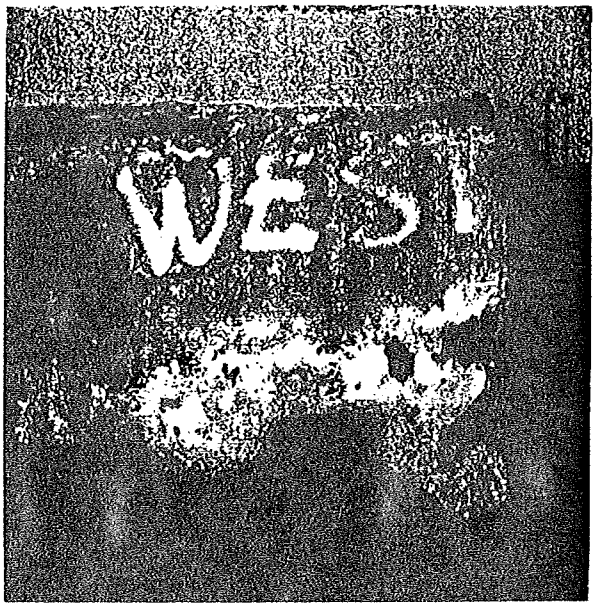
Scrap	Name	PACIFIC STEEL	Location	PASCO, WASHINGTON
Landfill	Name		Location	
Stored	Name		Location	
Other	Comment			

Signature Karla S. Harrison Date 4-10-91

APPENDIX C
PHOTOGRAPHIC DOCUMENTATION



1 FEB 91
USB - TANK 1



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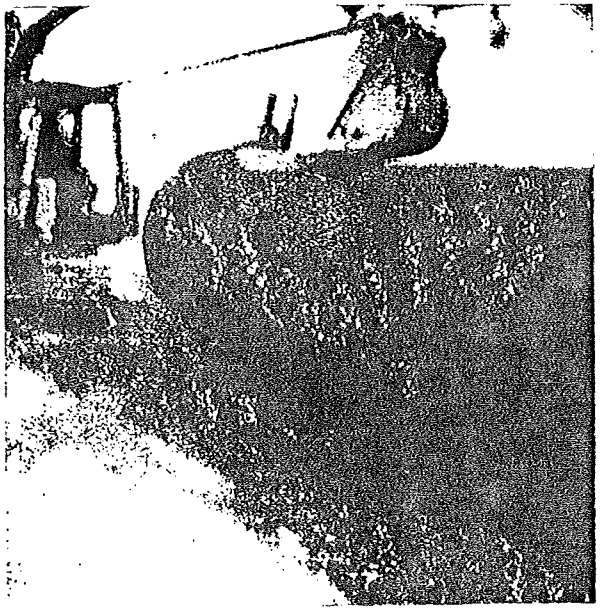
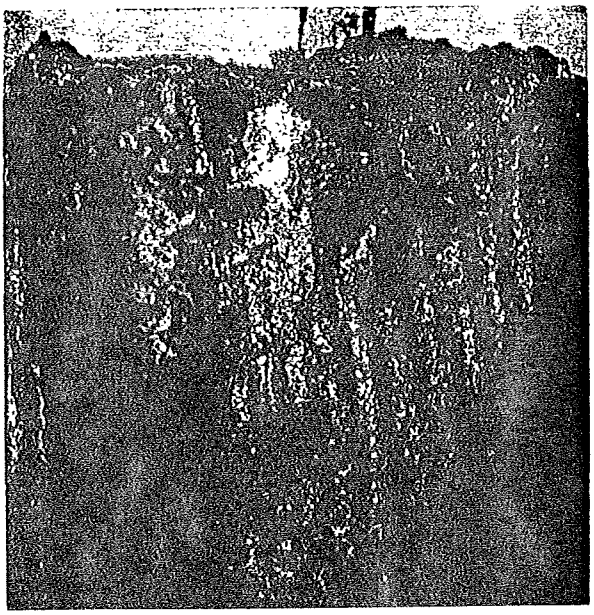
USB - TANK 1

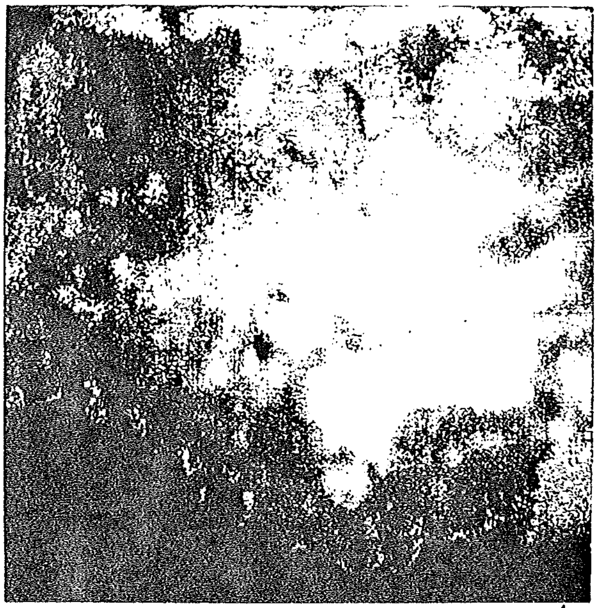


~ 12 91 TANK NOS 5000 gal
US Bank West tank



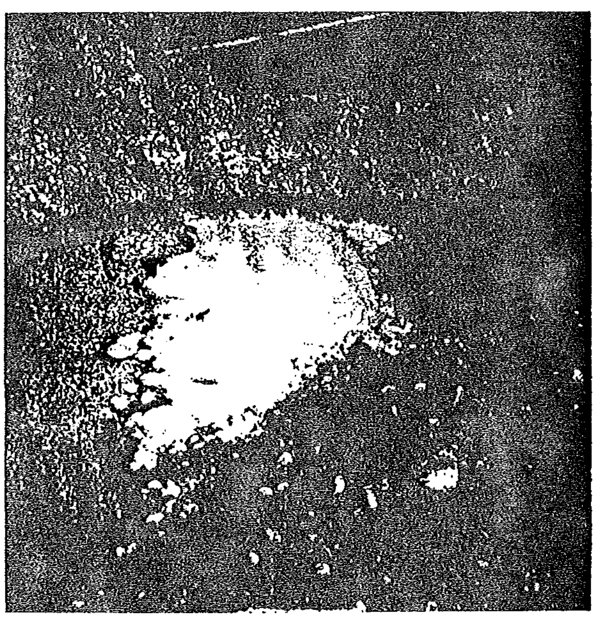
1 FEB 91
USB - TANK 1

PLATE NUMBER 1

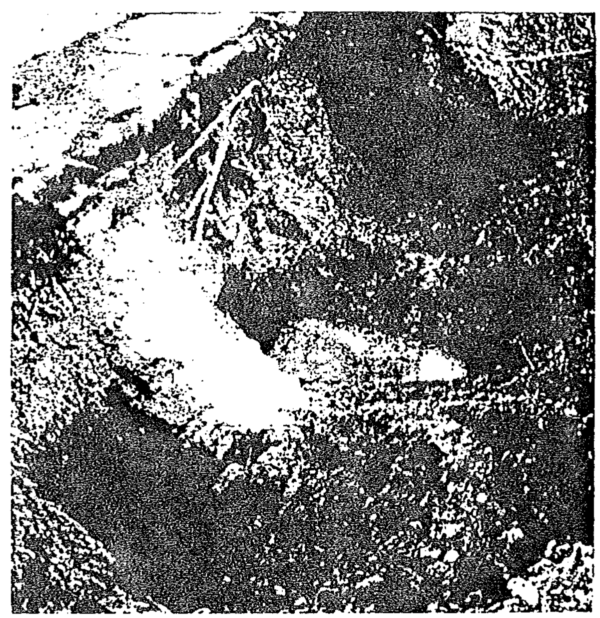


2-12-91 TANK NO. 3 US BANK
5000 gal West TANK Hole Westend

2 15 91 US BANK
9000 Gal [illegible]

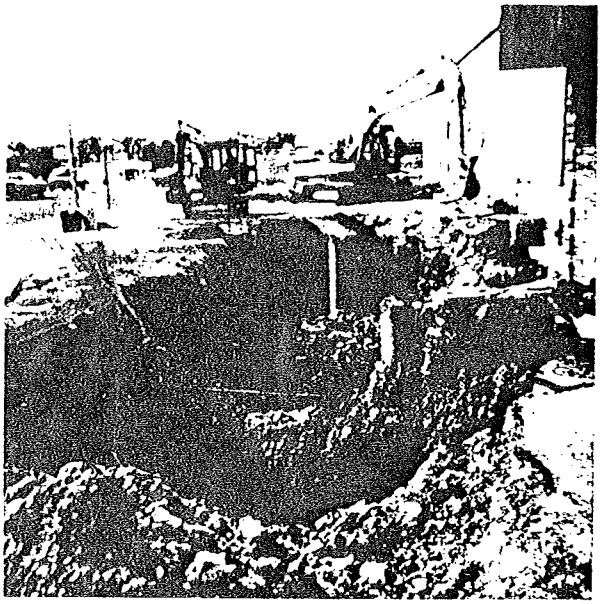


3/28/91 M. BLACK
LOOKING WEST AT OIL ON WATER
UNDER TANK 4 USB

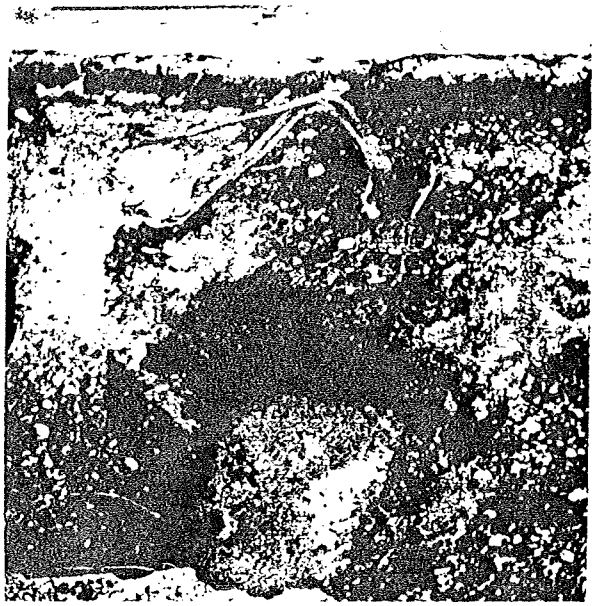


[illegible] 3/91 [illegible]
[illegible]

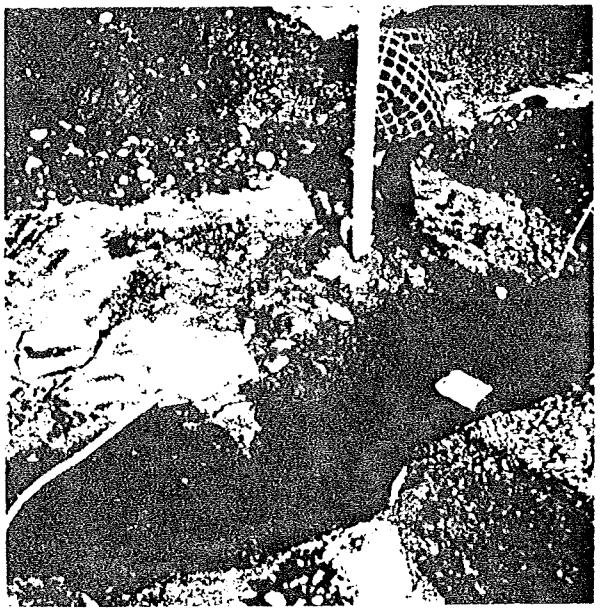
PLATE NUMBER 2



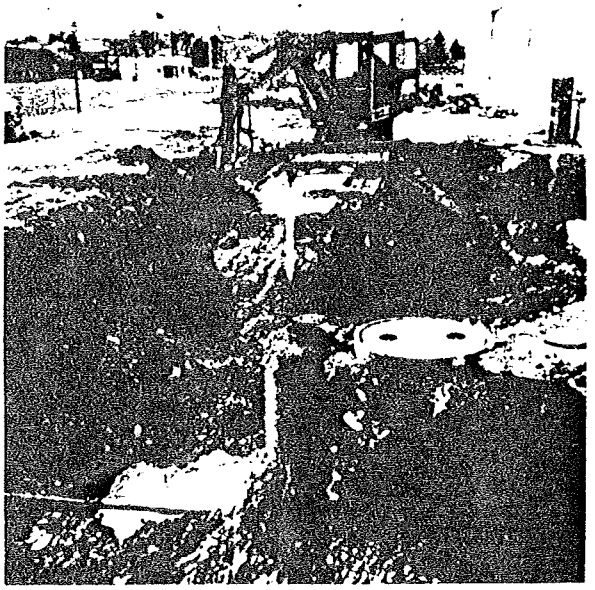
3/28/91 M. SLACK
LOOKING WEST
SE CORNER
OF PROPERTY
LISB



USB LOOKING N



LISE



BACKGROUND MONITOR
WELL
USB

PLATE NUMBER 3

APPENDIX D
LABORATORY ANALYSIS AND FIELD TEST RESULTS

SOIL/WATER CHEMISTRY TESTING SUMMARY

Project: U.S. Bank Property- 701 Stephens Drive, Richland, Wa.
Client: Dave Evans and Associates (Bernie Brown), Portland, Oregon

Notes:

1. The number designations under "type of test" such as 8015 (total parts hydrocarbons gasoline or diesel, 8020 (benzene, toluene, ethyl benzene and xylenes[BTEX] in soil), 602 (BTEX in water), 7421 or 6010(lead), 1311 (TCLP), 8010 (volatile organics) etc. designate the Environmental Protection Agency recommended test procedure.
2. The "hsp" abbreviation designates a headspace reading using the Total Organic Vapor (TOV) reading by a field instrument of volatilize emitted from a sample in a sealed jar.
3. The "TLC" abbreviation indicates the thin layer chromatography laboratory technique used in the field to screen non-volatile compounds (substances heavier than gasoline such as diesel).
4. The abbreviation "dna" represents does not apply when the results fall below project, local government, or state/federal regulatory limits.

Number	Type of Test	Results (ppm/ppb)	Matrix & Sample No.	Sample Location and Description
1	418.1	dna	soil: USB1-1	Pit from Tank No. 1-north side 5 feet deep in silty sand soil.
	8020	dna		
	7421	dna		
2	418.1	dna	soil: USB1-2	Pit from Tank No. 1-bottom of tank north side 8 feet deep in silty sand soil.
	8020	dna		
	7421	dna		
3	418.1	dna	soil: USB1-3	Pit from Tank No. 1- east side 8 feet deep in silty sand soil. Some rocks in soil matrix.
	8020	dna		
	7421	dna		
4	418.1	770 ppm	soil: USB1-4	Pit from Tank No. 1- west side, 8 feet deep in silty sand soil with some rocks in soil matrix.
	8020	dna		
	7421	40 ppm		
5	418.1	940 ppm	soil: USB1-5	Pit from Tank No. 1- south side, 8 feet deep in

Number	Type of Test	Results (ppm/ppb)	Matrix & Sample No.	Sample Location and Description
				silty sand soil with some rocks in the soil matrix.
	8020	dna		
	7421	dna		
	TCLP	dna		
	8010	dna		
6	418.1	1,300 ppm	soil: USB1-6	Pit from Tank No. 1 during clean up- floor of west end of excavation (approximately 8 ft. west of west wall in final excavation) and 8 feet deep. Sandy silt with some rock.
	TLC	dna	soil: TK1-J1	West wall of final lateral excavation (14 ft. north and south by 17 feet east west) and 5 feet deep. Sandy silt.
	TLC	>1,000 ppm	soil: TK1-J2	West end of 8 ft. deep pit at same location as USB1-6. Sandy silt and rock.
	TLC	dna	soil: TK1-J3	Southwest corner of final lateral pit at 7 feet deep. Sandy silt and rock.
7	418.1	dna	soil: USB1-7	Bottom of final depth (11.5 feet) in 14 ft. by 8 feet excavation in west end of pit. Light colored caliche layer.
	TLC	dna	soil: TK1-J4	
8	8015/8020/7421	dna	soil: USB-2-1	East end of pit at 6 feet deep.
9	8015/8020/7421	dna	soil: USB-2-2	Middle of tank excavation at 8 feet deep.
	418.1	6 ppm	water: USB2-2W	Water level at approximately 11 feet deep.
10	8015/8020/7421	1,600 ppm-gas	soil: USB-2-3	West end of tank excavation at 6 feet deep. Mostly silty sand with 1 inch minus rock.
		>50,000 ppb m,p xylene		
11	8015/8020/7421	dna	soil: USB-2-4	Left of lateral center-line 4.5 feet (facing north) at 7 feet deep. Sandy silt.
12	8015/8020/7421	dna	soil: USB-2-5	Right of lateral center-line 3 feet (facing north) at 7 feet deep. Sandy silt.
13	8015/8020	dna	soil: USB-2-6	North wall of excavation adjacent office slab and 9 feet east of water meter at 5.5 feet deep. Some 2

Number	Type of Test	Results (ppm/ppb)	Matrix & Sample No.	Sample Location and Description
	hsp	50 ppm	soil	South wall of excavation and 5.5 feet east of water line at 6 feet deep. Some rock in silty sand.
14	8015/8020	dna	soil: USB-2-7	Bottom of excavation at groundwater level of about 10 feet deep 1 ft. east of water line. Brown sandy silt.
	hsp	60 ppm	soil	
	8015/8020	dna	water: USB-2-1W	Excavation pit from Tank No. 2 (gas).
15	8015/8020/7421	dna	soil: USB-3-1	East end of 6.5 by 17.5 ft. excavation at about 10 feet deep. Sandy silt and dark clay.
16	8015/8020/7421	dna	soil: USB-3-2	Center of excavation at fill/soil interface at about 10 feet deep. Sandy silt with some clay (stained gray or green).
17	8015/8020/7421	dna	soil: USB-3-3	South wall of excavation near lateral center at about 10 feet deep. Sandy silt with some clay.
18	8015/8020/7421	dna	soil: USB-3-4	Northwest corner of excavation at about 10 feet deep. Sandy silt with some clay.
19	8015/8020/7421	dna	soil: USB-3-5	West end of excavation at soil fill interface at about 11 feet deep. Starting to pick up a lot more rocks in the bottom of the excavation. Still sandy silt, some altered clay and more rocks.
20	418.1	dna- 150 ppm oil	soil: USB-4-1	East end of tank excavation in bottom soil at about 6 feet deep in rocky soil.
21	8015	dna	soil: USB-4-2	Middle and bottom of tank.
22	418.1	dna	soil: USB-4-3	West end of excavation.
23	418.1	4,200 ppm	soil: USB-5-1	Northeast corner of Tank No. 5 excavation at about
	8015	4,400 ppm		10 feet deep in the river rock with some soil.
	8020/lead	dna		Sample from soil matrix and excavation approximately 8 feet by 24 feet.
	602	dna	water: USB-5-1W	Water sample at 12 feet deep in proximity of USB-5-1 soil sample location.
24	418.1	1,400 ppm	soil: USB-5-2	East end of excavation for Tank No. 5 at 8 feet deep in sandy silt and clay.
	8015	1.4ppm	water: USB-5-2W	

Number	Type of Test	Results (ppm/ppb)	Matrix & Sample No.	Sample Location and Description
	8020/8015	dna		
25	418.1/8015/lead	dna	soil: USB-5-3	Southeast corner of Tank No. 5 excavation at 11.5 feet deep in river rock and silty sand. Water level at 12 feet deep.
26	418.1/8015	dna	soil: USB-5-4	Southwest corner of pit at 10 feet deep in gray clay.
27	418.1/8020/lead	dna	soil: USB-5-5	West end of excavation in river rock at water level (12 feet deep).
	418.1	520 ppm	soil: USB-5-5a	
28	418.1	96 ppm	soil: T4-1J	Northwest corner of final cleanup excavation against facility basement wall. Mostly in river rock.
29	418.1	42 ppm	soil: T4-2J	Center of cleanup excavation near facility basement wall to north and roughly parallel to end of former location of east end of Tank No. 4. Starting to get into clay below 6 feet deep.
30	418.1	270	soil: T4-2J	Near west end of office facility approximately 5 feet deep. Substantial river rock exceeding 50 %.
31	601	dna	water/sludge:USB P-1	Concrete lined abandoned wash sump pit inside facility.
32	PCB	dna	USB-HP-1B	Fugitive hydraulic oil in concrete lined hoist pit. One of 3 pit with this pit representing the easternmost pit in the facility.

Date of Report: February 15, 1991
Date Submitted: February 12, 1991
Project: 9196 US Bank @ Lee & Stevens Drive

RESULTS OF ANALYSES OF ENVIRONMENTAL SAMPLES FOR BTX AND ETHYLBENZENE USING PURGE AND TRAP (EPA METHOD 602/8020) Results Reported as ng/g (ppb)

Sample I.D.	Dilution Factor	Benzene	Toluene	Et-Benzene	Xylene m,p	Xylene o
USB1-1	5	<5	<5	<5	<5	<5
USB1-2	5	<5	<5	<5	<5	<5
USB1-3	5	<5	<5	<5	<5	<5
USB1-4	50	80	1300	430	2100	870
USB1-5	5	70	250	30	130	50
Quality Assurance						
Method Blank	5	<5	<5	<5	<5	<5
USB1-1 (Duplicate)	5	<5	<5	<5	<5	<5
USB1-1 Matrix Spike @100ppm Per Cent Recovery		58%	60%	60%	60%	60%
USB1-1 Matrix Spike Duplicate Per Cent Recovery		61%	65%	63%	64%	65%

Date of Report: February 15, 1991
Date Submitted: February 12, 1991
Project: 9196 US Bank Lee & Stevens Drive

RESULTS OF ANALYSES OF ENVIROMENTAL SAMPLES FOR LEAD BY GRAPHITE FURNACE AA EPA METHOD 7421

Sample #	Matrix	Dilution	Lead (ppm)
USB1-1	soil	250	<1
USB1-2	soil	250	20
USB1-3	soil	500	20
USB1-4	soil	750	40
USB1-5	soil	1500	70
Quality Assurance			
Method Blank			<1
USB1-5 (Matrix Spike @30ppm) Per Cent Recovery	soil	1500	75%

Date of Report: February 18, 1991
Date Submitted: February 13, 1991
Project: US Bank @ Lee and Stevens

RESULTS OF ANALYSES OF SAMPLES FOR GASOLINE BY MODIFIED EPA METHOD 8015

Sample #	Matrix	Dilution Factor	Gasoline (ppm)
USB-2-1	soil	2	<2
USB-2-2	soil	2	<2
USB-2-3	soil	2	1600
USB-2-4	soil	2	<2
USB-2-5	soil	2	<2
Quality Assurance			
Method Blank		2	<2
USB-2-1 (Duplicate)	soil	2	<2
USB-2-1 Matrix Spike @100ppm Per Cent Recovery	soil	2	130%
USB-2-1 Matrix Spike Duplicate Per Cent Recovery	soil	2	100%

Date of Report: February 18, 1991
Date Submitted: February 13, 1991
Project: US Bank @ Lee and Stevens

RESULTS OF ANALYSES OF ENVIRONMENTAL SAMPLES FOR BTX AND ETHYLBENZENE USING PURGE AND TRAP (EPA METHOD 8020) Results Reported as ng/g (ppb)

Sample I.D.	Dilution Factor	Benzene	Toluene	Et-Benzene	Xylene m,p	Xylene o
USB-2-1	5	<5	<5	<5	<5	<5
USB-2-2	5	<5	<5	<5	<5	<5
USB-2-3	50	<50[a]	<1000[a]	10000	>50000	15000
USB-2-4	5	<5	<5	<5	12	7
USB-2-5	5	<5	<5	<5	<5	<5
Quality Assurance						
Method Blank	5	<5	<5	<5	<5	<5
02014-1	5	<5	<5	<5	<5	<5
02014-1 Duplicate	5	<5	<5	<5	<5	<5
02014-1 Matrix Spike @100ppm Per Cent Recovery	5	58%	61%	60%	60%	60%
02014-1 Matrix Spike Duplicate Per Cent Recovery	5	61%	65%	63%	64%	65%

a - Interferences were present which prevented accurate identification of the analyte indicated.

CHAIN OF CUSTODY RECORD

E.P. JOHNSON CONSTRUCTION, INC.
Rt. 7 Box 430–B
Kennewick, Washington 99337
Phone (509) 735–2479
Fax (509) 783–0331

Project # U.S. BANCORP
Page 1 of 1

92-038

LABORATORY: ASI
ADDRESS: 12277 134 COURT N.E. - REDMOND, WA. 98052
TELEPHONE: (206) 820-4551
CONTACT: STEVE LOAGUE

SAMPLES TAKEN BY: Tom Sunday

Sample No.	Location	Container Description	Date	Time	Sample Type: Bulk	Air	Soil	Water	Other	Analysis Required	Cont. Level
USB-C-1	Random from Landfill	4oz Glass	12/16	1510			X			Composite HCID	L
USB-C-2		"	12/16	1513			X				L
USB-C-3		"	12/16	1515			X				L
USB-C-4		"	12/16	1518			X				L
USB-C-5		"	12/16	1522			X				L

NOTE – Contamination Level is the suspected level of contamination.
L – Low M – Medium H – High

Special Instructions: Please composite all 5 samples.

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by: Thomas H. Sunday L. 12/16/91 1600
   Received by: E Haynes 12/16/91 1600
2. Relinquished by: E Haynes 12/16/91 1630
   Received by: Pony Express # 4825516
3. Relinquished by: _____
   Received by: _____
4. Relinquished by: _____
   Received by: _____
5. Relinquished by: _____
   Received by: _____
6. LABORATORY RECIEPT BY: _____
   NUMBER OF SAMPLES: _____ DATE/TIME: _____

Date of Report: February 26, 1992
Samples Submitted: February 12, 1992
Lab Traveler: 02-031
Project: ~~4SB~~ 4SB-0190
Matrix: Water

HYDROCARBON INDENTIFICATION

Sample #	GC Characterization	Surr. Recovery
MWD-7A,B,C	<1 ppm Motor Oil <0.2 ppm Gasoline <0.5 ppm Diesel Fuel	94%
MWE-8A,B,C,D	<1 ppm Motor Oil <0.2 ppm Gasoline <0.5 ppm Diesel Fuel	72%
Method Blank	<1 ppm Motor Oil <0.2 ppm Gasoline <0.5 ppm Diesel Fuel	67%

Date of Report: February 26, 1992
Samples Submitted: February 12, 1992
Lab Traveler: 02-031
Project: 4SB-0190

Matrix: Water
Units: ng/mL (ppb)

ANALYSIS BY EPA METHOD 601/8010

Sample #: MWE-8A,B,C,D

Dilution Factor 1

Analyte:

1,1-Dichloroethylene	<1
Methylene Chloride	<1
t-Dichloroethylene	<1
1,1-Dichloroethane	<1
Chloroform	<1
1,1,1-Trichloroethane	<1
Carbon Tetrachloride	<1
1,2-Dichloroethane	<1
Trichloroethylene	2J
1,2-Dichloropropane	<1
Bromodichloromethane	<1
cis-1,3-Dichloropropene	<1
trans-1,3-Dichloropropene	<1
1,1,2-Trichloroethane	<1
Tetrachloroethylene	25
Dibromochloromethane	<1
Chlorobenzene	<1
Bromoform	<1
1,1,2,2-Tetrachloroethane	<1
1,3-Dichlorobenzene	<1
1,4-Dichlorobenzene	<1
1,2-Dichlorobenzene	<1
Surrogate Recovery	117%

J-The value indicated was below the practical quantitation limit.

Date of Report: February 26, 1992
Samples Submitted: February 12, 1992
Lab Traveler: 02-031
Project: 4SB-0190

Matrix: Water
Units: ng/mL (ppb)

ANALYSIS BY EPA METHOD 601/8010

Quality Assurance

Sample # / Analyte:	Method Blank	MWE-8,A,B,C Duplicate	Matrix Spikes @ 10 ppb
1,1-Dichloroethylene	<1	<1	---
Methylene Chloride	<1	<1	123/120%
t-Dichloroethylene	<1	<1	---
1,1-Dichloroethane	<1	<1	---
Chloroform	<1	<1	---
1,1,1-Trichloroethane	<1	<1	122/118%
Carbon Tetrachloride	<1	<1	---
1,2-Dichloroethane	<1	<1	117/111%
Trichloroethylene	<1	2J	113/109%
1,2-Dichloropropane	<1	<1	---
Bromodichloromethane	<1	<1	---
cis-1,3-Dichloropropene	<1	<1	---
trans-1,3-Dichloropropene	<1	<1	---
1,1,2-Trichloroethane	<1	<1	---
Tetrachloroethylene	<1	24	A
Dibromochloromethane	<1	<1	---
Chlorobenzene	<1	<1	---
Bromoform	<1	<1	---
1,1,2,2-Tetrachloroethane	<1	<1	---
1,3-Dichlorobenzene	<1	<1	---
1,4-Dichlorobenzene	<1	<1	---
1,2-Dichlorobenzene	<1	<1	---
Surrogate Recovery	103%	112%	113/109%

A-Matrix Spike data not required due to high sample concentration.
J-The value indicated was below the practical quantitation limit.

Date of Report: February 26, 1992
Samples Submitted: February 12, 1992
Lab Traveler: 02-031
Project: ~~4SB~~-0190
4S3

Matrix: Water
Units: ng/mL (ppb)

ANALYSIS BY EPA METHOD 601/8010

Sample #:	MWA-4	MWB-5	MWD-7A,B,C	S-RW
Dilution Factor	1	1	1	1
Analyte:				
1,1-Dichloroethylene	<1	<1	<1	<1
Methylene Chloride	<1	<1	<1	<1
t-Dichloroethylene	<1	<1	<1	<1
1,1-Dichloroethane	<1	<1	<1	<1
Chloroform	1J	<1	<1	<1
1,1,1-Trichloroethane	<1	<1	<1	<1
Carbon Tetrachloride	<1	<1	<1	<1
1,2-Dichloroethane	<1	<1	<1	<1
Trichloroethylene	* 12	<1	<1	<1
1,2-Dichloropropane	<1	<1	<1	<1
Bromodichloromethane	<1	<1	<1	<1
cis-1,3-Dichloropropene	<1	<1	<1	<1
trans-1,3-Dichloropropene	<1	<1	<1	<1
1,1,2-Trichloroethane	<1	<1	<1	<1
Tetrachloroethylene	* >50a	4J	<1	<1
Dibromochloromethane	<10Z	<1	<1	<1
Chlorobenzene	<5Z	<1	<1	<1
Bromoform	<5Z	<1	<1	<1
1,1,2,2-Tetrachloroethane	<1	<1	<1	<1
1,3-Dichlorobenzene	<1	<1	<1	<1
1,4-Dichlorobenzene	<1	<1	<1	<1
1,2-Dichlorobenzene	<1	<1	<1	<1
Surrogate Recovery	116%	103%	108%	99%

a-Insufficient sample for reanalysis at higher dilution.
J-The value indicated was below the practical quantitation limit.
Z-Interferences were present which prevented the quantitation of the analyte indicated below the given detection limit.

Date of Report: February 26, 1992
Samples Submitted: February 12, 1992
Lab Traveler: 02-031
Project: 4SB-0190

Matrix: Water
Units: ng/mL (ppb)

ANALYSIS BY EPA METHOD 601/8010

Quality Assurance

Sample # / Analyte:	Method Blank	MWA-4 Original	MWA-4 Duplicate	Matrix Spikes @ 1000 ppb
1,1-Dichloroethylene	<1	<1	<1	---
Methylene Chloride	3[J]	<1	<1	112/129%
t-Dichloroethylene	<1	<1	<1	---
1,1-Dichloroethane	<1	<1	<1	---
Chloroform	<1	1[J]	1[J]	---
1,1,1-Trichloroethane	<1	<1	<1	115/113%
Carbon Tetrachloride	<1	<1	<1	---
1,2-Dichloroethane	<1	<1	<1	110/110%
Trichloroethylene	<1	12	13	79/74%
1,2-Dichloropropane	<1	<1	<1	---
Bromodichloromethane	<1	<1	<1	---
cis-1,3-Dichloropropene	<1	<1	<1	---
trans-1,3-Dichloropropene	<1	<1	<1	---
1,1,2-Trichloroethane	<1	<1	<1	---
Tetrachloroethylene	<1	>50[a]	>50[a]	A
Dibromochloromethane	<1	<10[Z]	<10[Z]	---
Chlorobenzene	<1	<5[Z]	<5[Z]	---
Bromoform	<1	<5[Z]	<5[Z]	---
1,1,2,2-Tetrachloroethane	<1	<1	<1	---
1,3-Dichlorobenzene	<1	<1	<1	---
1,4-Dichlorobenzene	<1	<1	<1	---
1,2-Dichlorobenzene	<1	<1	<1	---
Surrogate Recovery	103%	116%	117%	118/112%

a-Insufficient sample for reanalysis at higher dilution.
A-Matrix Spike data not required due to high sample concentration.
J-The value indicated was below the practical quantitation limit.
Z-Interferences were present which prevented the quantitation of the analyte indicated below the given detection limit.

CHAIN OF CUSTODY RECORD

E.P. JOHNSON CONSTRUCTION, INC.
Rt. 7 Box 430–B
Kennewick, Washington 99337
Phone (509) 735–2479
Fax (509) 783–0331

Project # USB - 0190
Page 1 of 1

LABORATORY: ASI
ADDRESS: 12277 134 COURT N.E. - REDMOND, WA. 98052
TELEPHONE: (206) 820-4551
CONTACT: STEVE LOAGUE

SAMPLES TAKEN BY: M. BURCH

Sample No.	Location	Container Description	Date	Time	Sample Type: Bulk	Air	Soil	Water	Other	Analysis Required	Cont. Level
MWA - 4	MW #A	40ml.	2/11/92					X		HCID	L
MWB-5	MW B	40ml	2/11/92					X		HCID	L
MWC-6	MW C	40ml.	2/11/92					X		HCID	L
MWD-7A	MW D	40ml.	2/11/92					X		HCID	L
B	"	1 LITER	2/11/92					X		BDS - HOLD	L
C	"	40ml.	"					X		60Z - HOLD	L
MWE-8A	MW E	"	"					X		HCID	L
B	"	1 LITER	"					X		BDS - HOLD	L
C	"	40ml	"					X		60Z - HOLD	L
D	"	"	"					X		601 - SOIL	L
9 - BLK	MW 9	40ml	"					X		HCID	L
DUP - 10A	MW - E	"	"					X		HCID	L
11 S - R.W	USB	"	"					X		HCID	L

NOTE – Contamination Level is the suspected level of contamination.
L – Low M – Medium H – High

Special Instructions:

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by: Mirne Brown 2/11/92 1:50PM.
Received by: Thomas H. Sunday J. 2/11/92 1350

2. Relinquished by: E Hester
Received by:

3. Relinquished by: E. Hester
Received by:

4. Relinquished by: Pony Express # 4825558
Received by:

5. Relinquished by:
Received by:

6. LABORATORY RECIEPT BY: Tammy C. Howard
NUMBER OF SAMPLES: 8 DATE/TIME: 2-12-92 10:10A

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 · TELEPHONE (206) 922-2310 · FAX (206) 922-5047

ANALYTICAL NARRATIVE

Client: E.P. Johnson Construction Date: February 28, 1992

Project: USB-0191 Lab No.: 22777

Delivered by: Pony Express

Date Sampled: 02-18-92

Condition of Samples on Receipt:

Samples were received cold and in good condition. Chain-of-custody was in order.

EXTRACTION AND ANALYSIS DATES

Samples were analyzed for volatile organics by GC/MS in accordance with EPA SW-846 Method 8240. Samples were analyzed on 02-24-92.

Samples were analyzed for semi-volatile organics by GC/MS in accordance with EPA SW-846 Method 8270. Water samples were extracted on 02-25-92 and analyzed on 02-26-92.

Samples were analyzed for Purgeable Halocarbons by GC/HALL in accordance with 40 CFR 136, Appendix A, Method 601 on 02-25-92

All Quality Control was within acceptable limits.

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

Report To: E. P. Johnson Construction Date: February 28, 1992

Report On: Analysis of Water Lab No.: 22777-1

IDENTIFICATION:
Sample Received on 02-21-92
Project: USB-0191
Client ID: MWE-10

ANALYSIS:

Sample was analyzed in accordance with Test Methods for Evaluating Solid Waste, (SW-846), U.S.E.P.A., 1986 Method 8240 (Volatile Organics)

CAS No.	Compounds	Concentration ug/l	PQL
74-87-3	Chloromethane	ND	10
74-83-9	Bromomethane	ND	10
75-01-4	Vinyl Chloride	ND	10
75-00-3	Chloroethane	ND	10
75-09-2	Methylene Chloride	ND	5
67-64-1	Acetone	ND	50
75-15-0	Carbon Disulfide	ND	5
75-35-4	1,1-Dichloroethene	ND	5
75-34-3	1,1-Dichloroethane	ND	5
540-59-0	1,2-Dichloroethene (Total)	ND	5
67-66-3	Chloroform	ND	5
107-06-2	1,2-Dichloroethane	ND	5
78-93-3	2-Butanone	ND	25
71-55-6	1,1,1-Trichloroethane	ND	5
56-23-5	Carbon Tetrachloride	ND	5
108-05-4	Vinyl Acetate	ND	25
75-27-4	Bromodichloromethane	ND	5
78-87-5	1,2-Dichloropropane	ND	5
10061-01-5	Cis-1,3-Dichloropropene	ND	5
79-01-6	Trichloroethene	ND	5
124-48-1	Dibromochloromethane	ND	5
79-00-5	1,1,2-Trichloroethane	ND	5

ND = Not Detected

Continued . . . . .

SOUND ANALYTICAL SERVICES, INC.

E. P. Johnson Construction
Project: USB-0191
Lab No. 22777-1

February 28, 1992

Client ID: MWE-10

EPA Method 8240 Continued . . . . .

CAS No.	Compounds	Concentration ug/l	PQL
71-43-2	Benzene	ND	5
10061-02-6	Trans-1,3-Dichloropropene	ND	5
75-25-2	Bromoform	ND	5
108-10-1	4-Methyl-2-Pentanone	ND	25
591-78-6	2-Hexanone	ND	5
127-18-4	Tetrachloroethene	11	5
79-34-5	1,1,2,2-Tetrachloroethane	ND	5
108-88-3	Toluene	ND	5
108-90-7	Chlorobenzene	ND	5
100-41-4	Ethyl Benzene	ND	5
100-42-5	Styrene	ND	5
1330-20-7	Total Xylenes	ND	5

ND = Not Detected
PQL - Practical Quantitation Limit - These are the detection limits for this sample. This number is based on sample size, matrix and dilution required.

Volatile Surrogates

Surrogate	Percent Recovery	Control Limits
Toluene - D8	95	81 - 117
Bromofluorobenzene	97	74 - 121
1,2-Dichloroethane D4	107	70 - 121

SOUND ANALYTICAL SERVICES

DENNIS L. BEAN

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

Report To: E. P. Johnson Construction Date: February 28, 1992

Report On: Analysis of Water Lab No.: 22777-2

IDENTIFICATION:
Sample Received on 02-21-92
Project: USB-0191
Client ID: ~~MWA-11~~ MW8-13 OK MTB

ANALYSIS:

Sample was analyzed in accordance with Test Methods for Evaluating Solid Waste, (SW-846), U.S.E.P.A., 1986 Method 8240 (Volatile Organics)

CAS No.	Compounds	Concentration ug/l	PQL
74-87-3	Chloromethane	ND	10
74-83-9	Bromomethane	ND	10
75-01-4	Vinyl Chloride	ND	10
75-00-3	Chloroethane	ND	10
75-09-2	Methylene Chloride	ND	5
67-64-1	Acetone	ND	50
75-15-0	Carbon Disulfide	ND	5
75-35-4	1,1-Dichloroethene	ND	5
75-34-3	1,1-Dichloroethane	ND	5
540-59-0	1,2-Dichloroethene (Total)	ND	5
67-66-3	Chloroform	ND	5
107-06-2	1,2-Dichloroethane	ND	5
78-93-3	2-Butanone	ND	25
71-55-6	1,1,1-Trichloroethane	ND	5
56-23-5	Carbon Tetrachloride	ND	5
108-05-4	Vinyl Acetate	ND	25
75-27-4	Bromodichloromethane	ND	5
78-87-5	1,2-Dichloropropane	ND	5
10061-01-5	Cis-1,3-Dichloropropene	ND	5
79-01-6	Trichloroethene	ND	5
124-48-1	Dibromochloromethane	ND	5
79-00-5	1,1,2-Trichloroethane	ND	5

ND = Not Detected

Continued . . . . .

SOUND ANALYTICAL SERVICES, INC.

E. P. Johnson Construction
Project: USB-0191
Lab No. 22777-2

February 28, 1992

Client ID: ~~MWA-11~~ MWB-13

EPA Method 8240 Continued . . . . .

CAS No.	Compounds	Concentration ug/l	PQL
71-43-2	Benzene	ND	5
10061-02-6	Trans-1,3-Dichloropropene	ND	5
75-25-2	Bromoform	ND	5
108-10-1	4-Methyl-2-Pentanone	ND	25
591-78-6	2-Hexanone	ND	5
127-18-4	Tetrachloroethene	ND	5
79-34-5	1,1,2,2-Tetrachloroethane	ND	5
108-88-3	Toluene	ND	5
108-90-7	Chlorobenzene	ND	5
100-41-4	Ethyl Benzene	ND	5
100-42-5	Styrene	ND	5
1330-20-7	Total Xylenes	ND	5

ND = Not Detected
PQL - Practical Quantitation Limit - These are the detection limits for this sample. This number is based on sample size, matrix and dilution required.

Volatile Surrogates

Surrogate	Percent Recovery	Control Limits
Toluene - D8	102	81 - 117
Bromofluorobenzene	91	74 - 121
1,2-Dichloroethane D4	100	70 - 121

SOUND ANALYTICAL SERVICES

Dennis L. Bean

DENNIS L. BEAN

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

Report To: E. P. Johnson Construction Date: February 28, 1992

Report On: Analysis of Water Lab No.: 22777-3

IDENTIFICATION:
Sample Received on 02-21-92
Project: USB-0191
Client ID: ~~MWB-13~~ LAWA-11

ANALYSIS:

Sample was analyzed in accordance with Test Methods for Evaluating Solid Waste, (SW-846), U.S.E.P.A., 1986 Method 8240 (Volatile Organics)

CAS No.	Compounds	Concentration ug/l	PQL
74-87-3	Chloromethane	ND	400
74-83-9	Bromomethane	ND	400
75-01-4	Vinyl Chloride	ND	400
75-00-3	Chloroethane	ND	400
75-09-2	Methylene Chloride	ND	200
67-64-1	Acetone	ND	2,000
75-15-0	Carbon Disulfide	ND	200
75-35-4	1,1-Dichloroethene	ND	200
75-34-3	1,1-Dichloroethane	ND	200
540-59-0	1,2-Dichloroethene (Total)	ND	200
67-66-3	Chloroform	ND	200
107-06-2	1,2-Dichloroethane	ND	200
78-93-3	2-Butanone	ND	1,000
71-55-6	1,1,1-Trichloroethane	ND	200
56-23-5	Carbon Tetrachloride	ND	200
108-05-4	Vinyl Acetate	ND	1,000
75-27-4	Bromodichloromethane	ND	200
78-87-5	1,2-Dichloropropane	ND	200
10061-01-5	Cis-1,3-Dichloropropene	ND	200
79-01-6	Trichloroethene	ND	200
124-48-1	Dibromochloromethane	ND	200
79-00-5	1,1,2-Trichloroethane	ND	200

ND = Not Detected

Continued . . . . .

SOUND ANALYTICAL SERVICES, INC.

E. P. Johnson Construction
Project: USB-0191
Lab No. 22777-3

February 28, 1992

Client ID: ~~MWB-13~~ MWA-11 OK MTB

NOTES: SAMPLES FROM A & B SWITCHED IN FIELD OR LAB. OTHER DATA CONFIRMS

EPA Method 8240 Continued . . . . .

CAS No.	Compounds	Concentration ug/l	PQL
71-43-2	Benzene	ND	200
10061-02-6	Trans-1,3-Dichloropropene	ND	200
75-25-2	Bromoform	ND	200
108-10-1	4-Methyl-2-Pentanone	ND	1,000
591-78-6	2-Hexanone	ND	200
127-18-4	Tetrachloroethene	* 1,400	200
79-34-5	1,1,2,2-Tetrachloroethane	ND	200
108-88-3	Toluene	ND	200
108-90-7	Chlorobenzene	ND	200
100-41-4	Ethyl Benzene	ND	200
100-42-5	Styrene	ND	200
1330-20-7	Total Xylenes	ND	200

ND = Not Detected
PQL - Practical Quantitation Limit - These are the detection limits for this sample. This number is based on sample size, matrix and dilution required.

Volatile Surrogates

Surrogate	Percent Recovery	Control Limits
Toluene - D8	96	81 - 117
Bromofluorobenzene	96	74 - 121
1,2-Dichloroethane D4	107	70 - 121

SOUND ANALYTICAL SERVICES

DENNIS L. BEAN

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

Report To: E. P. Johnson Construction Date: February 28, 1992

Report On: Analysis of Water Lab No.: 22777-4

IDENTIFICATION:
Sample Received on 02-21-92
Project: USB-0191
Client ID: MWE-9

ANALYSIS:

Sample was analyzed in accordance with Test Methods for Evaluating Solid Waste, (SW-846), U.S.E.P.A., 1986 Method 8270 (ABN Semivolatiles)

CAS No.	Compounds	Concentration ug/l	PQL
108-95-2	Phenol	ND	9.1
111-44-4	bis(2-Chloroethyl) ether	ND	9.1
95-57-8	2-Chlorophenol	ND	9.1
541-73-1	1,3-Dichlorobenzene	ND	9.1
106-46-7	1,4-Dichlorobenzene	ND	9.1
100-51-6	Benzyl Alcohol	ND	18
95-50-1	1,2-Dichlorobenzene	ND	9.1
95-48-7	2-Methylphenol	ND	9.1
39638-32-9	bis(2-Chloroisopropyl)ether	ND	9.1
106-44-5	4-Methylphenol	ND	9.1
621-64-7	N-Nitroso-Di-N-propylamine	ND	9.1
67-72-1	Hexachloroethane	ND	9.1
98-95-3	Nitrobenzene	ND	9.1
78-59-1	Isophorone	ND	9.1
88-75-5	2-Nitrophenol	ND	9.1
105-67-9	2,4-Dimethylphenol	ND	9.1
65-85-0	Benzoic Acid	ND	45
111-91-1	bis(2-Chloroethoxy)methane	ND	9.1
120-83-2	2,4-Dichlorophenol	ND	9.1
120-82-1	1,2,4-Trichlorobenzene	ND	9.1
91-20-3	Naphthalene	ND	9.1
106-47-8	4-Chloroaniline	ND	18
87-68-3	Hexachlorobutadiene	ND	9.1
59-50-7	4-Chloro-3-methylphenol	ND	18

ND = Not Detected

Continued . . . . .

SOUND ANALYTICAL SERVICES, INC.

E. P. Johnson Construction

Lab No. 22777-4
February 28, 1992

Client ID: MWE-9

EPA Method 8270 Continued

CAS No.	Compounds	Concentration ug/l	PQL
91-57-6	2-Methylnaphthalene	ND	9.1
77-47-4	Hexachlorocyclopentadiene	ND	9.1
88-06-2	2,4,6-Trichlorophenol	ND	9.1
95-95-4	2,4,5-Trichlorophenol	ND	9.1
91-58-7	2-Chloronaphthalene	ND	9.1
88-74-4	2-Nitroaniline	ND	45
131-11-3	Dimethyl phthalate	ND	9.1
208-96-8	Acenaphthylene	ND	9.1
99-09-2	3-Nitroaniline	ND	45
83-32-9	Acenaphthene	ND	9.1
51-28-5	2,4-Dinitrophenol	ND	45
100-02-7	4-Nitrophenol	ND	45
132-64-9	Dibenzofuran	ND	9.1
121-14-2	2,4-Dinitrotoluene	ND	9.1
606-20-2	2,6-Dinitrotoluene	ND	9.1
84-66-2	Diethylphthalate	ND	9.1
7005-72-3	4-Chlorophenyl phenyl ether	ND	9.1
86-73-7	Fluorene	ND	9.1
100-01-6	4-Nitroaniline	ND	45
534-52-1	4,6-Dinitro-2-methylphenol	ND	45
86-30-6	N-Nitrosodiphenylamine	ND	9.1
101-55-3	4-Bromophenyl phenyl ether	ND	9.1
118-74-1	Hexachlorobenzene	ND	9.1
87-86-5	Pentachlorophenol	ND	45
85-01-8	Phenanthrene	ND	9.1
120-12-7	Anthracene	ND	9.1
84-74-2	Di-n-butylphthalate	*(2.8)	9.1

ND = Not Detected

Continued . . . . .

SOUND ANALYTICAL SERVICES, INC.

E. P. Johnson Construction

Lab No. 22777-4
February 28, 1992

Client ID: MWE-9

EPA Method 8270 Continued

CAS No.	Compounds	Concentration ug/l	PQL
206-44-0	Fluoranthene	ND	9.1
129-00-0	Pyrene	ND	9.1
85-68-7	Butyl benzyl phthalate	ND	9.1
91-94-1	3,3'-Dichlorobenzidine	ND	18
56-55-3	Benzo(a)anthracene	ND	9.1
117-81-7	bis(2-ethylhexyl)phthalate	ND	9.1
218-01-9	Chrysene	ND	9.1
117-84-0	Di-n-octyl phthalate	ND	9.1
205-99-2	Benzo(b)fluoranthene	ND	9.1
207-08-9	Benzo(k)fluoranthene	ND	9.1
50-32-8	Benzo(a)pyrene	ND	9.1
193-39-5	Indeno(1,2,3-cd)pyrene	ND	9.1
53-70-3	Dibenz(a,h)anthracene	ND	9.1
191-24-2	Benzo(g,h,i)perylene	ND	9.1

ND = Not Detected
PQL - Practical Quantitation Limit - These are the quantitation limits for this sample. This number is based on sample size, matrix and dilution required.
* = Compound was detected but below PQL. Value shown is an estimated quantity.

Semi-Volatile Surrogates

Surrogate Compound	Percent Recovery	Control Limits Water	Soil
Nitrobenzene - d_5	90	35 - 114	23 - 120
2-Fluorobiphenyl	72	43 - 116	30 - 115
p-Terphenyl-d_{14}	68	33 - 141	18 - 137
Phenol-d_6	31	10 - 94	24 - 113
2-Fluorophenol	52	21 - 100	25 - 121
2,4,6-Tribromophenol	86	10 - 123	19 - 122

SOUND ANALYTICAL SERVICES

DENNIS L. BEAN

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

Report To: E. P. Johnson Construction Date: February 28, 1992

Report On: Analysis of Water Lab No.: 22777-5

IDENTIFICATION:
Sample Received on 02-21-92
Project: USB-0191
Client ID: MWA-10

ANALYSIS:

Sample was analyzed in accordance with Test Methods for Evaluating Solid Waste, (SW-846), U.S.E.P.A., 1986 Method 8270 (ABN Semivolatiles)

CAS No.	Compounds	Concentration ug/l	PQL
108-95-2	Phenol	ND	9.3
111-44-4	bis(2-Chloroethyl) ether	ND	9.3
95-57-8	2-Chlorophenol	ND	9.3
541-73-1	1,3-Dichlorobenzene	ND	9.3
106-46-7	1,4-Dichlorobenzene	ND	9.3
100-51-6	Benzyl Alcohol	ND	19
95-50-1	1,2-Dichlorobenzene	ND	9.3
95-48-7	2-Methylphenol	ND	9.3
39638-32-9	bis(2-Chloroisopropyl)ether	ND	9.3
106-44-5	4-Methylphenol	ND	9.3
621-64-7	N-Nitroso-Di-N-propylamine	ND	9.3
67-72-1	Hexachloroethane	ND	9.3
98-95-3	Nitrobenzene	ND	9.3
78-59-1	Isophorone	ND	9.3
88-75-5	2-Nitrophenol	ND	9.3
105-67-9	2,4-Dimethylphenol	ND	9.3
65-85-0	Benzoic Acid	ND	47
111-91-1	bis(2-Chloroethoxy)methane	ND	9.3
120-83-2	2,4-Dichlorophenol	ND	9.3
120-82-1	1,2,4-Trichlorobenzene	ND	9.3
91-20-3	Naphthalene	ND	9.3
106-47-8	4-Chloroaniline	ND	19
87-68-3	Hexachlorobutadiene	ND	9.3
59-50-7	4-Chloro-3-methylphenol	ND	19

ND = Not Detected

Continued . . . . .

SOUND ANALYTICAL SERVICES, INC.

E. P. Johnson Construction

Lab No. 22777-5
February 28, 1992

Client ID: MWA-10

EPA Method 8270 Continued

CAS No.	Compounds	Concentration ug/l	PQL
91-57-6	2-Methylnaphthalene	ND	9.3
77-47-4	Hexachlorocyclopentadiene	ND	9.3
88-06-2	2,4,6-Trichlorophenol	ND	9.3
95-95-4	2,4,5-Trichlorophenol	ND	9.3
91-58-7	2-Chloronaphthalene	ND	9.3
88-74-4	2-Nitroaniline	ND	47
131-11-3	Dimethyl phthalate	ND	9.3
208-96-8	Acenaphthylene	ND	9.3
99-09-2	3-Nitroaniline	ND	47
83-32-9	Acenaphthene	ND	9.3
51-28-5	2,4-Dinitrophenol	ND	47
100-02-7	4-Nitrophenol	ND	47
132-64-9	Dibenzofuran	ND	9.3
121-14-2	2,4-Dinitrotoluene	ND	9.3
606-20-2	2,6-Dinitrotoluene	ND	9.3
84-66-2	Diethylphthalate	ND	9.3
7005-72-3	4-Chlorophenyl phenyl ether	ND	9.3
86-73-7	Fluorene	ND	9.3
100-01-6	4-Nitroaniline	ND	47
534-52-1	4,6-Dinitro-2-methylphenol	ND	47
86-30-6	N-Nitrosodiphenylamine	ND	9.3
101-55-3	4-Bromophenyl phenyl ether	ND	9.3
118-74-1	Hexachlorobenzene	ND	9.3
87-86-5	Pentachlorophenol	ND	47
85-01-8	Phenanthrene	ND	9.3
120-12-7	Anthracene	ND	9.3
84-74-2	Di-n-butylphthalate	ND	9.3

ND = Not Detected

Continued . . . . .

SOUND ANALYTICAL SERVICES, INC.

E. P. Johnson Construction

Lab No. 22777-5
February 28, 1992

Client ID: MWA-10

EPA Method 8270 Continued

CAS No.	Compounds	Concentration ug/l	PQL
206-44-0	Fluoranthene	ND	9.3
129-00-0	Pyrene	ND	9.3
85-68-7	Butyl benzyl phthalate	ND	9.3
91-94-1	3,3'-Dichlorobenzidine	ND	19
56-55-3	Benzo(a)anthracene	ND	9.3
117-81-7	bis(2-ethylhexyl)phthalate	ND	9.3
218-01-9	Chrysene	ND	9.3
117-84-0	Di-n-octyl phthalate	ND	9.3
205-99-2	Benzo(b)fluoranthene	ND	9.3
207-08-9	Benzo(k)fluoranthene	ND	9.3
50-32-8	Benzo(a)pyrene	ND	9.3
193-39-5	Indeno(1,2,3-cd)pyrene	ND	9.3
53-70-3	Dibenz(a,h)anthracene	ND	9.3
191-24-2	Benzo(g,h,i)perylene	ND	9.3

ND = Not Detected
PQL - Practical Quantitation Limit - These are the quantitation limits for this sample. This number is based on sample size, matrix and dilution required.

Semi-Volatile Surrogates

Surrogate Compound	Percent Recovery	Control Limits Water	Soil
Nitrobenzene - d_5	89	35 - 114	23 - 120
2-Fluorobiphenyl	73	43 - 116	30 - 115
p-Terphenyl-d_{14}	71	33 - 141	18 - 137
Phenol-d_6	29	10 - 94	24 - 113
2-Fluorophenol	47	21 - 100	25 - 121
2,4,6-Tribromophenol	87	10 - 123	19 - 122

SOUND ANALYTICAL SERVICES

DENNIS L. BEAN

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

Report To: E. P. Johnson Construction Date: February 28, 1992

Report On: Analysis of Water Lab No.: 22777-6

IDENTIFICATION:
Sample received on 02-21-92
Project: USB-0191
Client ID: MWE-RIN

ANALYSIS:

Sample was analyzed in accordance with 40 CFR 136, Appendix A, Method 601 (Purgeable Halocarbons).

Compound	Concentration, mg/l
Vinyl Chloride	< 0.001
Methylene chloride	< 0.001
1,1-dichloroethylene	< 0.001
1,1-dichloroethane	< 0.001
1,2-transdichloroethylene	< 0.001
1,2-dichloroethane	< 0.001
Chloroform	0.002
1,1,1-trichloroethane	0.002
Carbon Tetrachloride	< 0.001
1,2-dichloropropane	< 0.001
Bromodichloromethane	< 0.001
Trans-1,3-dichloropropene	< 0.001
Trichloroethylene	< 0.001
Cis-1,3-dichloropropene	< 0.001
1,1,2-trichloroethane	< 0.001
Tetrachloroethylene	< 0.001
Chlorodibromomethane	< 0.001
1,1,2,2-tetrachloroethane	< 0.001
Bromoform	< 0.001
Chlorobenzene	< 0.001
1,2 Dichlorobenzene	< 0.001
1,3 Dichlorobenzene	< 0.001
1,4 Dichlorobenzene	< 0.001
SURROGATE RECOVERY, %	
Bromochloromethane	114
2-bromo-1-chloropropane	89
1,4-dichlorobutane	78

SOUND ANALYTICAL SERVICES

C. LARRY ZURAW

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

Report To: E. P. Johnson Construction Date: February 28, 1992

Report On: Analysis of Water Lab No.: 22777-6D

IDENTIFICATION:
Sample received on 02-21-92
Project: USB-0191
Client ID: MWE-RIN **(DUPLICATE)**

ANALYSIS:

Sample was analyzed in accordance with 40 CFR 136, Appendix A, Method 601 (Purgeable Halocarbons).

Compound	Concentration, mg/l
Vinyl Chloride	< 0.001
Methylene chloride	< 0.001
1,1-dichloroethylene	< 0.001
1,1-dichloroethane	< 0.001
1,2-transdichloroethylene	< 0.001
1,2-dichloroethane	< 0.001
Chloroform	0.002
1,1,1-trichloroethane	0.002
Carbon Tetrachloride	< 0.001
1,2-dichloropropane	< 0.001
Bromodichloromethane	< 0.001
Trans-1,3-dichloropropene	< 0.001
Trichloroethylene	< 0.001
Cis-1,3-dichloropropene	< 0.001
1,1,2-trichloroethane	< 0.001
Tetrachloroethylene	< 0.001
Chlorodibromomethane	< 0.001
1,1,2,2-tetrachloroethane	< 0.001
Bromoform	< 0.001
Chlorobenzene	< 0.001
1,2 Dichlorobenzene	< 0.001
1,3 Dichlorobenzene	< 0.001
1,4 Dichlorobenzene	< 0.001

SURROGATE RECOVERY, %	
Bromochloromethane	106
2-bromo-1-chloropropane	93
1,4-dichlorobutane	50

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

Report To: E. P. Johnson Construction Date: February 28, 1992

Report On: Analysis of Water Lab No.: 22777-7

IDENTIFICATION:
Sample received on 02-21-92
Project: USB-0191
Client ID: RIN-13

ANALYSIS:

Sample was analyzed in accordance with 40 CFR 136, Appendix A, Method 601 (Purgeable Halocarbons).

Compound	Concentration, mg/l
Vinyl Chloride	< 0.001
Methylene chloride	< 0.001
1,1-dichloroethylene	< 0.001
1,1-dichloroethane	< 0.001
1,2-transdichloroethylene	< 0.001
1,2-dichloroethane	< 0.001
Chloroform	< 0.001
1,1,1-trichloroethane	< 0.001
Carbon Tetrachloride	< 0.001
1,2-dichloropropane	< 0.001
Bromodichloromethane	< 0.001
Trans-1,3-dichloropropene	< 0.001
Trichloroethylene	< 0.001
Cis-1,3-dichloropropene	< 0.001
1,1,2-trichloroethane	< 0.001
Tetrachloroethylene	< 0.001
Chlorodibromomethane	< 0.001
1,1,2,2-tetrachloroethane	< 0.001
Bromoform	< 0.001
Chlorobenzene	< 0.001
1,2 Dichlorobenzene	< 0.001
1,3 Dichlorobenzene	< 0.001
1,4 Dichlorobenzene	< 0.001
SURROGATE RECOVERY, %	
Bromochloromethane	120
2-bromo-1-chloropropane	96
1,4-dichlorobutane	75

SOUND ANALYTICAL SERVICES

C. LARRY ZURAW

Date of Report: March 13, 1992
Samples Submitted: March 5, 1992
Lab Traveler: 03-007
Project: US Bancorp

Matrix: Water
Units: ng/g (ppb)

ANALYSIS BY EPA METHOD 601/8010

Sample #:	MWA-14	MWB-15	Dup-16	Rinsate
Dilution Factor	1	1	1	
Analyte:				
1,1-Dichloroethylene	<1	<1	<1	<1
Methylene Chloride	<1	<1	<1	<1
t-Dichloroethylene	<1	<1	<1	<1
1,1-Dichloroethane	<1	<1	<1	<1
Chloroform	<1	<1	<1	<1
1,1,1-Trichloroethane	<1	<1	<1	<1
Carbon Tetrachloride	<1	<1	<1	<1
1,2-Dichloroethane	<1	<1	<1	<1
Trichloroethylene	12	<1	11	<1
1,2-Dichloropropane	<1	<1	<1	<1
Bromodichloromethane	<1	<1	<1	<1
cis-1,3-Dichloropropene	<1	<1	<1	<1
trans-1,3-Dichloropropene	<1	<1	<1	<1
1,1,2-Trichloroethane	<1	<1	<1	<1
Tetrachloroethylene	1,900^{N}	2^{J}	1,700^{N}	<1
Dibromochloromethane	<10	<1	<5	<1
Chlorobenzene	<5	<1	<5	<1
Bromoform	<5	<1	<5	<1
1,1,2,2-Tetrachloroethane	<1	<1	<1	<1
1,3-Dichlorobenzene	<1	<1	<1	<1
1,4-Dichlorobenzene	<1	<1	<1	<1
1,2-Dichlorobenzene	<1	<1	<1	<1
Surrogate Recovery	122%	105%	122%	108%

J-The value indicated was below the practical quantitation limit.
N-Data from 1:100 dilution.

Date of Report: March 13, 1992
Samples Submitted: March 5, 1992
Lab Traveler: 03-007
Project: US Bancorp

Matrix: Soil
Units: ng/g (ppb)

ANALYSIS BY EPA METHOD 601/8010

Quality Assurance

Sample # / Analyte:	Method Blank	MWA-14 Original	MWA-14 Duplicate	Matrix Spikes @ 10 ppb
1,1-Dichloroethylene	<1	<1	<1	---
Methylene Chloride	<1	<1	<1	91/88%
t-Dichloroethylene	<1	<1	<1	---
1,1-Dichloroethane	<1	<1	<1	---
Chloroform	<1	<1	<1	---
1,1,1-Trichloroethane	<1	<1	<1	106/106%
Carbon Tetrachloride	<1	<1	<1	---
1,2-Dichloroethane	<1	<1	<1	103/102%
Trichloroethylene *	<1	12	13	78/76%
1,2-Dichloropropane	<1	<1	<1	---
Bromodichloromethane	<1	<1	<1	---
cis-1,3-Dichloropropene	<1	<1	<1	---
trans-1,3-Dichloropropene	<1	<1	<1	---
1,1,2-Trichloroethane	<1	<1	<1	---
Tetrachloroethylene	<1	>20	>20	A
Dibromochloromethane	<1	<1	<1	---
Chlorobenzene	<1	<1	<1	---
Bromoform	<1	<1	<1	---
1,1,2,2-Tetrachloroethane	<1	<1	<1	---
1,3-Dichlorobenzene	<1	<1	<1	---
1,4-Dichlorobenzene	<1	<1	<1	---
1,2-Dichlorobenzene	<1	<1	<1	---
Surrogate Recovery	104%	122%	119%	124/121%

A-Matrix Spike data not required due to high sample concentration.

CHAIN OF CUSTODY RECORD

E.P. JOHNSON CONSTRUCTION, INC.
Rt. 7 Box 430-B
Kennewick, Washington 99337
Phone (509) 735-2479
Fax (509) 783-0331

Project # U.S. BANCORP
Page 1 of 1

LABORATORY: ASI
ADDRESS: 12277 134 COURT N.E. - REDMOND, WA. 98052
TELEPHONE: (206) 820-4551
CONTACT: STEVE LOAGUE

SAMPLES TAKEN BY: Thomas H. Sunday Jr.

Sample No.	Location	Container Description	Date	Time	Sample Type: Bulk	Air	Soil	Water	Other	Analysis Required		Cont. Level
MWA-14	WELL A	40ml VOA	3/3/92	1548				X		601		L
MWA-14	WELL A	40ml VOA	3/3/92	1548				X		601		L
MWB-15	WELL B	40ml VOA	3/4/92					X		601		L
MWB-15	WELL B	40ml VOA	3/4/92					X		601		L
DUP-16	WELL A	40ml VOA	3/3/92	1550				X		601	*	L
DUP-16	WELL A	40ml VOA	3/3/92	1550				X		601	*	L
DUP-17	WELL B	40ml VOA	3/4/92					X		601	*	L
DUP-17	WELL B	40ml VOA	3/4/92					X		601	*	L

NOTE - Contamination Level is the suspected level of contamination.
L - Low M - Medium H - High

Samples MWB-15 and DUP-17 taken 3/4/92

Special Instructions: Hold DUP16, and 17 until results of MWA 14 and 15 are known. CALL - Mike Black (509) 735-2479 with results and instructions.

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by: Thomas H. Sunday Jr. 3/4/92 1605
   Received by: Edith Hester
2. Relinquished by: Edith Hester
   Received by:
3. Relinquished by:
   Received by:
4. Relinquished by: Pony Express # 4825543
   Received by:
5. Relinquished by:
   Received by:
6. LABORATORY RECIEPT BY: Cynthia J Pagni
   NUMBER OF SAMPLES: 4 DATE/TIME: 3-5-92 11:25

CHAIN OF CUSTODY RECORD

E.P. JOHNSON CONSTRUCTION, INC.
Rt. 7 Box 430–B
Kennewick, Washington 99337
Phone (509) 735–2479
Fax (509) 783–0331

Project # USB-0191
Page 1 of 1

LABORATORY: SOUND ANALYTICAL SERVICES
ADDRESS: 4813 PACIFIC HWY EAST
TELEPHONE: (206) 922-2310
CONTACT:

SAMPLES TAKEN BY:

Sample No.	Location	Container Description	Date	Time	Sample Type: Bulk	Air	Soil	Water	Other	Analysis Required	Cont. Level
MWE-9	MW-E	1 LITER	2/19/92					X		8270	U
MWE-9 DUP	MW-E	1 LITER	2/19/92					X		HOLD	U (HOLD)
MWE-10	"	40 ML	"					X		8240	*1
DUP	"	40 ML	"					X		〃	—
DUP	"	40 ML	"					X		HOLD	—
MWA-10	MWA	1 LITER	2/20/92					X		8270	U
DUP	"	"	"					X		HOLD	U
MWA-11	"	40 ML	2/20/92					X		8240	*2
DUP		"	"					X		〃	—
DUP		"	"					X		HOLD	—
MWE-RIN.	MWE	2EA-40ML	2/19/92					X		~~8240~~ 601	L
RIN-14	MW'S-A&B	2EA-40ML	2/20/92					X		601	L
MWB-13		3EA-40ML	2/20/92					X		8240	hold one VOA

NOTE – Contamination Level is the suspected level of contamination.
L – Low M – Medium H – High U – UNKNOWN

*1 – 601 SHOWED 22 ppb of PCE
*2 – 601 SHOWED 750 ppb OF P.C.E

↑ Per phone Conv. w/ Mike Black - 2/21/92 9:30 AM SRG

Special Instructions:

SIGNATURES: (Name, Company, Date and Time)

1. Relinquished by: Michael S. Black
Received by: Mary Cuban 2/21/92 9:15am

2. Relinquished by:
Received by:

3. Relinquished by:
Received by:

4. Relinquished by:
Received by:

5. Relinquished by:
Received by:

6. LABORATORY RECIEPT BY:
NUMBER OF SAMPLES: DATE/TIME: