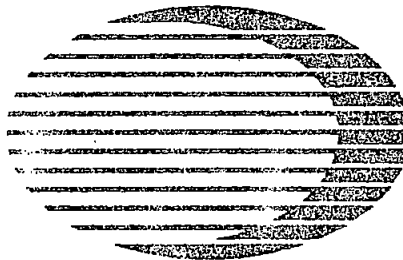
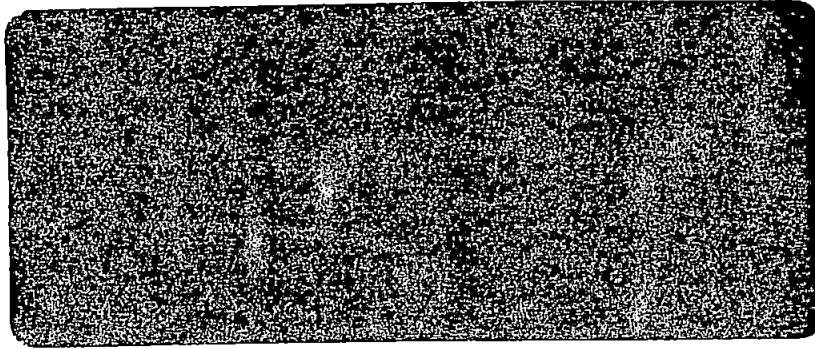


Industrial Properties Inc
NWRO
#661138



O'Sullivan Omega

DEPARTMENT OF ECOLOGY NWRO/TCP TANKS UNIT	
SITE ASSESSMENT REPORT	
ADEQUATE <input checked="" type="checkbox"/>	NOT ADEQUATE <input type="checkbox"/>
DEFICIENCIES/ACTION TAKEN:	
<u>File</u>	
<u>INSPECTOR (INT.)</u> <u>DATE 7-14-94</u>	

O'Sullivan Omega, Inc.
The Total Compliance Company

Geologists, Scientists, Environmental Specialists & General Contractor



O'Sullivan Omega

June 13, 1994

Mr. Robert Kassner
Industrial Transfer and Storage Co., Inc.
2450 6th Avenue South
Seattle, Washington 98134
Phone (206)-624-3040

**RE: Underground Storage Tank Closure Report
 Industrial and Transfer and Storage Co., Inc.
 2450 6th Avenue South
 Seattle, Washington 98134
 Ecology Site ID # 001130**

Dear Mr. Kassner:

This letter report presents O'Sullivan Omega's findings regarding the removal of two (2) 1000 gallon gasoline underground storage tanks (USTs) one (1) 10,000 gallon diesel fuel oil UST and one dispenser and associated piping at Industrial Transfer and Storage Co., Inc. (Industrial) located in Seattle, Washington (Figure 1). The USTs were decommissioned and removed under the supervision of O'Sullivan Omega, Inc. (O'Sullivan) of Seattle, Washington. In addition, O'Sullivan performed the UST Site Assessment for the project following Washington State Department of Ecology's (Ecology) document *Guidelines for Site Checks and Site Assessments for USTs* (Revised, October 1992).

The objectives of this project were to:

- Decommission and remove three (3) USTs;
- Determine concentrations of total petroleum hydrocarbons (TPH) in soil samples collected adjacent to/and underlying the USTs and from associated soil stockpiles;
- Compare concentrations of TPH detected in soil to the applicable Washington State Model Toxics Control Act (MTCA) Method A Soil Cleanup Guidelines (WAC 173-340); and
- Prepare a final report (following Ecology's Guidance for Site Checks and Site Assessment for USTs) which documents the tank removal activities, field observations, soil sampling locations, analytical results, conclusions and recommendations.

LETTER REPORT ORGANIZATION

This letter report begins with a brief description of the Site Location and History, followed by a discussion of UST Decommissioning and Removal Activities (tank inerting, product and tank disposal, etc.), and UST Description. Subsequent sections present the elements of O'Sullivan Omega's Soil Sampling, Laboratory Analysis, Findings, and project Conclusions/Recommendations. Figures, Tables and supporting technical appendices follow the main text.

SITE LOCATION AND HISTORY

The site is located at 2450 6th Avenue South in Seattle, Washington. The site is centered within the industrial district of Seattle, and is surrounded by warehouses and commercial operations. Prior to 1952 the site was utilized as a livestock yard. Originally the site was part of the tidal flats of south Elliott Bay. The site was filled over the years with a random assortment of material including dredge fill and debris. The site has been occupied from 1952 to the present by Industrial. The USTs were installed in 1973, and were used until decommissioning to fuel the Industrial truck fleet.

TANK DECOMMISSIONING & REMOVAL OPERATIONS

Copies of the UST 30 Day Notice of Intent to Close, permits, and the UST Temporary/Permanent Closure Notice and the Site Check/Site Assessment Checklist are provided in Appendix A. In addition, copies of UST cleaning and disposal certificates are included in Appendix B.

The 30 day intent to Close notification was submitted to the Ecology by O'Sullivan Omega on January 14, 1994. The tanks were pumped of product and triple rinsed by Coastal Tank Cleaning (Coastal), of Seattle, Washington on May 16, 1994. All product and rinsate were disposed of by Coastal in accordance with all applicable local, state, and federal regulations. The gasoline USTs (UST # 1 and UST # 2) were located adjacent to one another (Figure 2). The diesel UST (UST # 3) was located 20 feet to the north of the gasoline USTs. The USTs were separated by what appeared to be an old single piling width pier walkway, thus there were two separate excavations. The piping from the USTs ran directly from the tanks to a small structure located at the edge of the UST excavations (Figure 2). The USTs were buried approximately 2.5 feet below ground surface (BGS). The tanks were exposed and removed on May 17, 1994 by O'Sullivan with a trackhoe, and transported to Coastal for final cleaning and destruction.

UST DESCRIPTION

All three of the USTs were in excellent condition. The USTs were of single wall steel construction, and equipped with sacrificial anodes. The original coating was intact with no rust, apparent holes or pitting observed on either of the USTs.

SOIL SAMPLING

Soils encountered were generally random fill consisting of dredge sand, construction debris, old pier pilings and decking, and organic rich bay mud. The gasoline USTs were bedded in random fill. The diesel UST was bedded in fine gray sand fill. The fill surrounding the excavations was dark gray to black and appeared to be anaerobic. The original bay bottom was encountered at approximately 10 feet below ground surface. This material consisted of moist, plastic, blue-gray clay. There was no instrumentally detectable indications of a petroleum release. Since field screening results and field observations did not detect or suggest any petroleum hydrocarbons in soil, sample locations were chosen following Ecology's minimum sampling guidelines. The bottom samples were collected at a depth of ten feet. The sidewall samples were collected from a depth of five to six feet. Samples were placed directly into laboratory prepared containers using a stainless steel spoon, labeled and placed in a chilled cooler for transport to the analytical laboratory. The composited samples were collected from different locations as indicated on Figure 2. Groundwater was not encountered during excavation operations, therefore groundwater samples were not collected. All samples were collected in accordance with USEPA protocol. Soil sampling procedures are contained in Appendix C.

A total of fifteen soil samples were collected from the UST excavation and stockpiles (Figure 2). Samples IT-G1 to IT-G8 were collected from the gasoline UST excavation and associated stockpile. Samples IT-D1 to IT-D7 were collected from the diesel UST excavation and associated stockpile.

ANALYTICAL RESULTS

All samples were analyzed by American Analytical Services, Inc. of Seattle, Washington. The gasoline UST samples were analyzed for total petroleum hydrocarbons (TPH) quantified as gasoline and the volatile organic compounds benzene, toluene, ethyl benzene, and total xylenes (BTEX) by Washington State Test Method WTPH-G/BTEX. Samples collected from the diesel UST excavation and stockpile were analyzed for total petroleum hydrocarbons quantified as diesel by Washington State Test Method WTPH-D. The data are summarized in Table 1. Copies of the certificates of analysis and chain of custody are contained in Appendix D.

Gasoline UST # 1 & #2 Excavation

The bottom sample (IT-G3) of UST # 1 had a gasoline TPH concentration of 29 parts per million

(ppm), and non-detectable concentrations of BTEX. The bottom sample (IT-G1) of UST # 2 had a gasoline TPH concentration of 33 ppm and non-detectable concentrations of BTEX. The east, west, north and south sidewall samples (IT-G2, IT-G4, IT-G5 IT-G6) had gasoline TPH concentrations of 36 ppm, <10 ppm, 30 ppm and 26 ppm, respectively. The BTEX concentrations for all sidewall samples were below the method detection limits, with the exception of total xylenes for the east sidewall. The east sidewall (IT-G4) had a total xylenes concentration of 0.39 ppm. One stockpile sample (IT-G7) had a gasoline TPH concentration of 37 ppm, and non-detectable levels of BTEX.

Diesel UST #3 Excavation

All samples collected from the diesel UST excavation and soil stockpile had diesel TPH concentrations of < 50 ppm.

CONCLUSIONS

Field screening results and field observations suggested that the UST system had not released petroleum product to the subsurface. Analytical data suggest that a minor release occurred from the gasoline USTs. The most likely source was from periodic overfills. The concentrations of contaminants in the in situ soils were below MTCA Method A Soil Cleanup Guidelines therefore a release report was not filed for this site.

The stockpiled soils are considered to be Class 2 soils according to Ecology Guidelines. These soils may be used for backfill at the original site, fill in commercial or industrial areas, road or parking lot construction material, or cover in permitted landfills. Fill in or near wetlands, surface water, groundwater, drinking water wells or utility trenches is not recommended. Use as residential topsoil is not recommended.

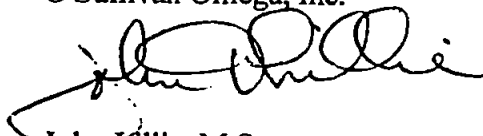
Analytical results indicated that the UST project area was in full compliance with applicable local, state, and federal environmental regulations at time of UST closure. It is recommended that no further action be taken at this site.

LIMITATIONS

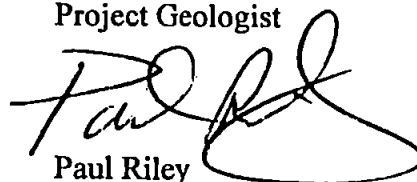
Work for this project was performed, and this report prepared, in accordance with generally accepted professional practices for the nature of the work and conditions of the work completed in the same or similar locations at the time the work was performed. O'Sullivan Omega results and findings from the select area do not necessarily reflect soil or ground water conditions underlying other areas of the site not investigated. This report is not meant to represent a legal opinion. No other warranty, expressed or implied, is made.

Any questions regarding our work or this report, the presentation of the information, and the interpretation of the data are welcome and should be referred to the undersigned.

Sincerely,
O'Sullivan Omega, Inc.



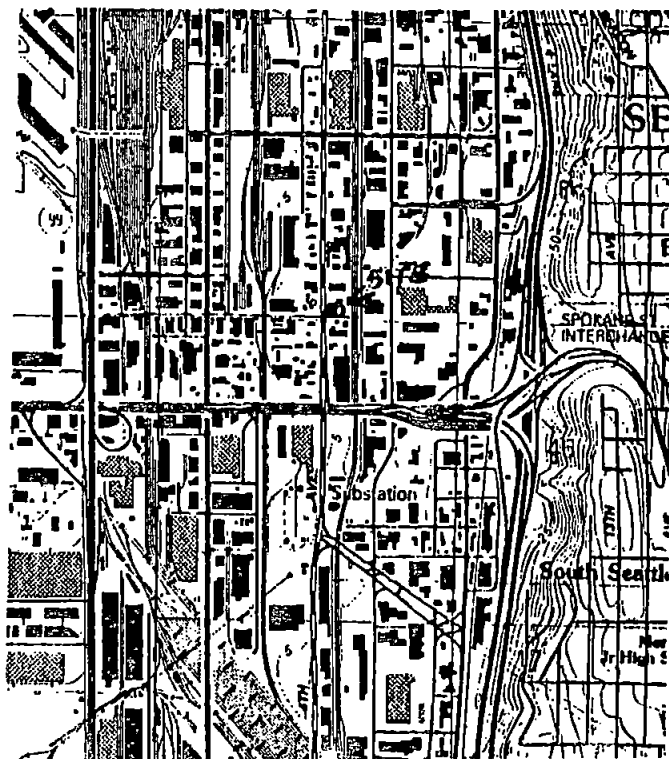
John Lillie, M.S.
Project Geologist



Paul Riley
Environmental Services Manager

CC:
Washington Department of Ecology
Underground Storage Tank Division
P.O. Box 47775
Olympia, Washington 98504-7775

*Industrial Transfer
Site Vicinity
Map*



Seattle South
Washington
7.5 x 15 minute
quadrangle
USGS 1983

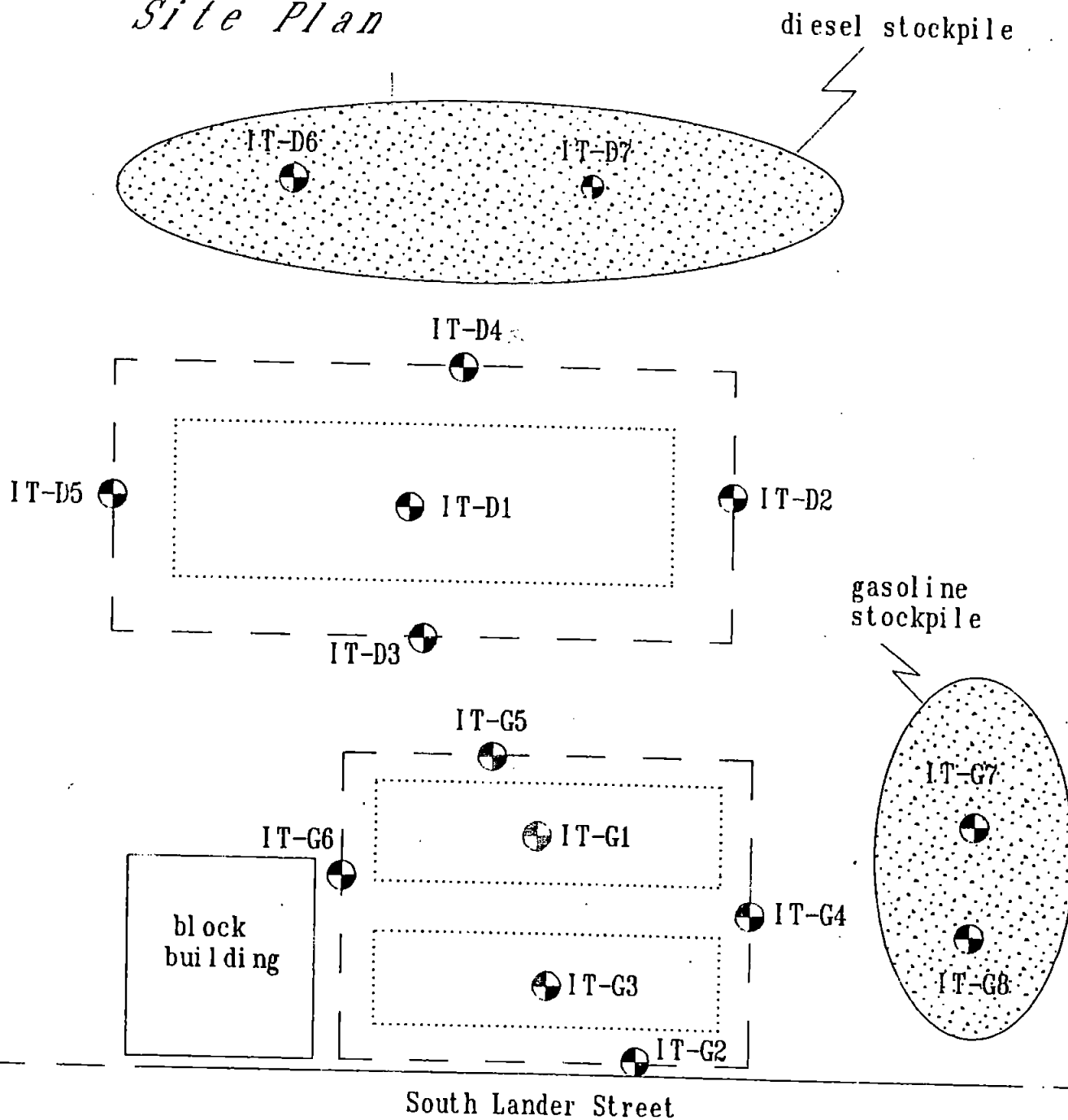


scale: 1:25000

site address: 2450 6th Avenue South, Seattle, Washington 98134

Figure 1

Industrial Transfer Site & Soil Sampling Site Plan



KEY

- excavation limits
- former UST location
- +
 soil sampling location
- +
 soil stockpile
- +
 former dispenser location



O'Sullivan Omega, Inc.
Geologists, Environmental
Specialists & General Contractor
3214 - 16th Avenue SW
Seattle, WA 98134

Table 1 Analytical results of UST system closure for Industrial Transfer & Storage Co., Inc.

Sample Number	Sample Type	Location	Depth	WTPH-G	B	T	E	X	WTPH-D
Gasoline USTs Excavation									
IT-G1	Discrete	UST#2 bottom	10	33	<0.0	<0.0	<0.0	<0.0	NA
IT-G2	Discrete	South wall	5	30	<0.0	<0.0	<0.0	<0.0	NA
IT-G3	Discrete	UST#1 bottom	10	29	<0.0	<0.0	<0.0	<0.0	NA
IT-G4	Discrete	East wall	5	36	<0.0	<0.0	<0.0	0.39	NA
IT-G5	Discrete	North wall	6	26	<0.0	<0.0	<0.0	<0.0	NA
IT-G6	Discrete	West wall	5	<10	<0.0	<0.0	<0.0	<0.0	NA
IT-G7	Composite	Stockpile	---	37	<0.0	<0.0	<0.0	<0.0	NA
IT-G8	Composite	Stockpile	---	NA	NA	NA	NA	NA	NA
Diesel UST Excavation									
IT-D1	Discrete	UST#3 bottom	10	NA	NA	NA	NA	NA	<50
IT-D2	Discrete	East wall	5	NA	NA	NA	NA	NA	<50
IT-D3	Discrete	South wall	5	NA	NA	NA	NA	NA	<50
IT-D4	Discrete	North wall	5	NA	NA	NA	NA	NA	<50
IT-D5	Discrete	West wall	5	NA	NA	NA	NA	NA	<50
IT-D6	Composite	Stockpile	NA	NA	NA	NA	NA	NA	<50
IT-D7	Composite	Stockpile	NA	NA	NA	NA	NA	NA	<50
MTCA	---	---	---	100	0.5	40	20	20	200

All samples collected by O'Sullivan Omega on May 17, 1994

Sample depths are given in feet below ground surface.

Gasoline and volatile organic compounds concentrations determined by Washington State Test Method WTPH-G/BTEX.

Diesel concentrations determined by Washington State Test Method WTPH-D.

TPH values in parts per million

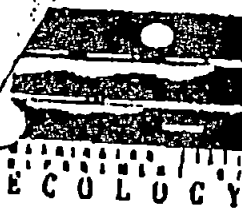
BTEX (Benzene, Toluene, Ethyl Benzene, Total Xylenes)

concentrations in Parts per billion

NA not analyzed

--- not applicable

MTCA Ecology Model Toxics Control Act Method A soil cleanup levels for gasoline, aromatic compounds and diesel in industrial soil (WAC 173-340).



UNDERGROUND STORAGE TANK 30 DAY NOTICE

See back of form for instructions
Please ☒ the appropriate box

☐ Intent
to Install

☒ Intent
to Close

For Office Use Only

Owner # 110083523

Site # 001138

☐ Both

SITE INFORMATION:

Site ID Number (on invoice or available from Ecology if the tank is registered): 1130

Site/Business Name: INDUSTRIAL TRUNKER & STORAGE CO. INC.

Site Address: 2450 6th Ave S.

SEATTLE

Owner/Operator
Telephone: (206) 624-3040

WA

98134

TANK INFORMATION:

This section to be filled out ONLY if tanks are being removed

TANKS TO BE CLOSED

TANKS TO BE INSTALLED

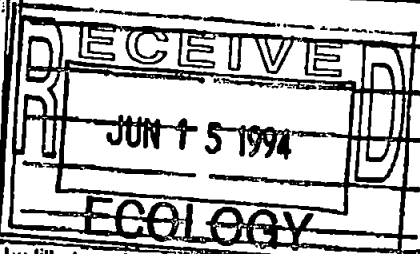
This section to be filled out ONLY
if tanks are being installed

Tank ID Approx.
Install Date

Tank ID	Projected Closure Date	Tank Capacity	Substance Stored	Date tank last used	Is there product in the tank? (yes/no)	If no, date tank was pumped
*1	5/2/94	10,000	Diesel	12/15/93	yes	
*2	5/2/94	1,000	Gas	12/15/93	yes	
*3	5/2/94	1,000	Gas	12/15/93	yes	

DEPARTMENT OF ECOLOGY
UNDERGROUND STORAGE TANKS

JAN 14 1994



TANK INSTALLATION TO BE PERFORMED BY (if known):

This section to be filled out ONLY if tanks are being installed

Service Provider: _____ Contact Name: _____
Telephone: (____) _____
Address: _____
Street _____ P.O. Box _____
City _____ State _____ Zip Code _____

TANK PERMANENT CLOSURE TO BE PERFORMED BY (if known):

This section to be filled out ONLY if tanks are being removed

Service Provider: O'Sullivan O'neill
Contact Name: Mike Miller / Margo Wasey
Telephone: (206) 652-2440
Address: 3214 16th Ave SW
SEATTLE WA 98134

This form will be submitted to the address

UST OWNER
OPERATOR O'Sullivan O'neill
Address 3214 16th Ave SW
SEATTLE WA 98134

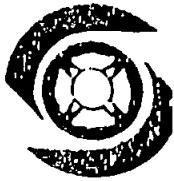
Please type or print information

Once validated by Ecology, this form serves as your temporary permit for the tanks using phone.

RECEIVED

Seattle
Fire Department

HAZ MAT SECTION
APPLICATION FOR PERMIT

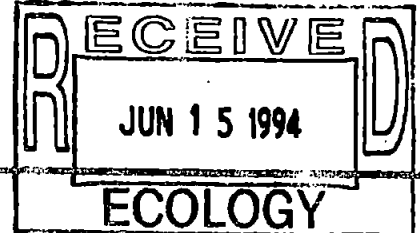


Permit Code No.: 799 Title: TEMPORARY UNDERGROUND TANK REMOVAL/ABANDONMENT PERMIT
Fee: \$98.00 (No Renewal) Code Reference: SFC 79,116 Date Received: 5/17/94 Date Issued: 5/17/94
Check # 1481
Receipt # 12291 or Data Entry # _____ Permit Expiration Date: 5/17/94
Firm Name: O'SULLIVAN OMEGA Phone: 652-2440
Firm Address: 324 16th AVE SW City SEATTLE State WA Zip 98134
Job Site: 2450 6th AVE SOUTH
Person In Charge: ~~DAVID W. KELLEY~~ / ~~DAVID W. KELLEY~~ PATRICK D. DODD Phone: 652-2440
Number of Tank(s): 3 Tank Size(s): 1/10,000 2/1000
Product(s) Previously Contained: Diesel & Gasoline Hot Work: ☐ Yes ☒ No

REMITTANCE FOR PERMIT FEE AS SHOWN ABOVE MUST BE RETURNED WITH THIS APPLICATION TO:

SEATTLE FIRE DEPARTMENT HEADQUARTERS
HAZARDOUS MATERIAL PERMITS
301 Second Avenue South
Seattle, WA 98104-2618

Make Checks Payable To: SEATTLE CITY TREASURER



PERMIT CONDITIONS:

1. TANKS MAY BE REMOVED ONLY AFTER FIRE DEPARTMENT INSPECTION.
2. Two (2) 40 BC portable fire extinguishers are to be on site within 50' of the operation.
3. Rope or ribbon barricades must be provided circling 10' from the operation or be enclosed in a fenced yard.
4. "No Smoking" signs must be posted in readily visible locations.
5. No hot works allowed unless the tanks are certified gas free. A separate Fire Department permit (Code 491) is required for cutting and welding operations.

PROCEDURES:

1. Call 386-1450, 24 hours prior to removal to arrange for an appointment. Appointments must be confirmed by an Inspector.
2. Permits may cover multiple tanks located at a single inspection area. If additional tanks are to be removed or abandoned at later dates, separate permits shall be obtained.
3. Additional fees will be charged if inspectors are required to work other than normal business hours. (Normal business hours are 7:30 a.m. to 4:30 p.m.)

4. To ensure tanks are completely free of all flammable or combustible liquids, a receipt or certificate must be on site indicating the tanks has been pumped and rinsed with an approved material. Product and rinse water must be disposed of in an approved manner.
5. If tanks are being removed, the tanks' atmosphere must be inerted using one of the following approved methods:

- a. Solid dry ice
- b. Compressed gas cylinders releasing CO₂ in the vapor phase
- c. Purging using air

Specific guidelines for the use of each method is provided in the Seattle Fire Department Inspection Guideline No. 79.6011.

Tanks being abandoned must be filled with a lean concrete mixture. Tanks previously containing Class I liquids must be inerted prior to filling with lean concrete.

A Fire Marshal's Office Inspector will test the tanks' atmosphere using a gas detector.

A minimum reading of 60% CO₂ must be obtained prior to tank removal if CO₂ is used to inert the tank.

A maximum reading of 10% LEL must be achieved prior to removal of the tank if the air purging method of inertion is used.

CO₂ fire extinguishers and discharge of liquid CO₂ from compressed gas cylinders is prohibited.

Tanks with baffles to prevent movement of liquid (or tanks without baffles larger than 10,000 gallons) must be certified gas free by a Marine Chemist or a Petroleum Industry Safety Engineer regularly engaged in that business prior to removal.

6. Tanks being removed must be removed from the ground and relocated to a remote, approved facility on the same day that the permit is issued.
7. After the tanks are removed, if the tank has not already been cleaned, the openings should be sealed so the CO₂ gas will remain in the tank during transit. In addition, tanks large enough to allow a person to enter it to do repair work should be marked on one side with spray paint "NO AIR - INERT GAS."

Special Permit Conditions:

OK TO REMOVE 2- 1K GASOLINE & 1-10K DIESEL
UST

PUMP & RINSE BY COASTAL TANK SERVICE

2- 1K UST'S TESTED < CO₂ BY BAHARIKH
F-YRITE TEST KIT

10 K UST TESTED UNDER 8% O₂ BY NEDTRONIX

SEATTLE FIRE DEPARTMENT

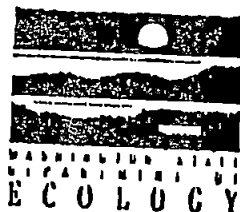
ation Date:

5/14/94

By

APR 1293

Inspector



UNDERGROUND STORAGE TANK TEMPORARY/PERMANENT CLOSURE and SITE ASSESSMENT NOTICE

See back of form for instructions

Please ☒ the appropriate box(es)

Please type or print information

☐ Temporary
Tank Closure

☒ Permanent
Tank Closure

☐ Change-In-
Service

☒ Site Assessment/
Site Check

For Office Use Only

Owner # 110063322

Site # 001130

SITE INFORMATION:

Site ID Number (on invoice or available from Ecology if the tanks are registered): 001130

Site/Business Name: Industrial Transfer & Storage Co., Inc.

Site Address: 2450 6th Ave S.

Seattle
City

Telephone: (206) 624-3040

WA
State

98134
ZIP Code

TANK INFORMATION:

Tank ID	Closure Date	Tank Capacity	Substance Stored
	<u>5/17/94</u>	<u>10,000</u>	<u>Diesel</u>
	<u>5/17/94</u>	<u>1,000</u>	<u>Gas</u>
	<u>5/17/94</u>	<u>1,000</u>	<u>Gas</u>

CONTAMINATION
PRESENT AT THE
TIME OF CLOSURE

☐ Yes

☒ No

☐ Unknown

Check unknown if no
obvious contamination was
observed and sample
results have not yet been
received from analytical lab.

UST SYSTEM OWNER/OPERATOR:

UST Owner/Operator: Bud Kassner / Industrial Trans. & Storage Co., Inc.

Owners Signature: John L. Lillie

Address: 2450 6th Ave. S.

Seattle
City

Telephone: (206) 624-3040

WA
State

98134
ZIP Code

TANK CLOSURE/CHANGE-IN-SERVICE PERFORMED BY:

Service Provider: O'Sullivan Omega, Inc.

Licensed Supervisor: Darrell Johnson

License Number: S000036

Supervisors Signature: Darrell S. Johnson

Decommissioning
License Number: W002191

Address: 3214 16th Avenue S.W.

Seattle
City

WA
State

98134-1088
ZIP Code

Telephone: ()

SITE CHECK/SITE ASSESSMENT CONDUCTED BY:

Name of Registered Site Assessor: John L. Lillie

Telephone: (206) 682-2440

O'Sullivan Omega, Inc.

Address: 3214 16th Avenue S.W.

Seattle
City

WA
State

98134-1088
ZIP Code



UNDERGROUND STORAGE TANK Site Check/Site Assessment Checklist

For Office Use Only	
Owner #	10003322
Site #	001130

INSTRUCTIONS:

When a release has not been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person registered with the Department of Ecology. The results of the site check or site assessment must be included with this checklist. This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

SITE INFORMATION: Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

TANK INFORMATION: Please list all the tanks for which the site check and site assessment is being conducted. Use the tank ID number if available, and indicate tank capacity and substance stored.

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT: Please check the appropriate item.

CHECKLIST: Please initial each item in the appropriate box.

Underground Storage Tank Section
Department of Ecology
P. O. Box 47655
Olympia, WA 98504-7655

SITE ASSESSOR INFORMATION: This form must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.

SITE INFORMATION

Site ID Number (on invoice or available from Ecology if the tanks are registered): 001130

Site/Business Name: Industrial Transfer & Storage Co. Inc

Site Address: 2450 6th Ave S. Telephone: (206) 621-3040

Seattle
City

Wa
State

98134
ZIP-Code

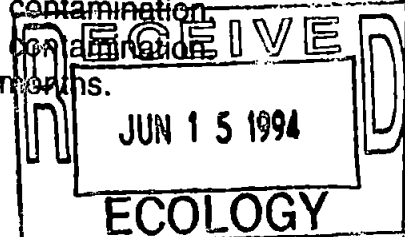
TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored
1	1000 gallon	gasoline
2	1000 gallon	gasoline
3	10,000 gallon	Diesel

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.
- ☒ UST system permanently closed with tank removed.
- ☐ Abandoned tank containing product.
- ☐ Required by Ecology or delegated agency for UST system closed before 12/22/88.
- ☐ Other (describe):



Coastal Tank Cleaning, Inc.

3801 7th Avenue South, Seattle, WA 98108

TO: O'Sullivan Construction

THIS LETTER IS TO CERTIFY THAT COASTAL TANK CLEANING, INC. HAS STRIPPED AND RINSED WITH SOAPY WATER THE BELOW LISTED TANKS IN ORDER TO ALLOW THE TANKS TO BE INERTED.

DATED THIS 16TH DAY OF MAY 1994

AUTHORIZED SIGNATURE: [Signature]

THREE UNDERGROUND STORAGE TANKS LOCATED AT
2450 6TH AVE. S. SEATTLE

Coastal Tank Cleaning, Inc.

3801 7th Avenue South, Seattle, Washington 98108

Phone (206) 624-9843
Fax No. (206) 624-9766

DISPOSAL CERTIFICATION

DATE: May 23, 1994

TO: O'Sullivan/Omega
3214 16th Ave SW
Seattle, Wa. 98134

Job Site Address: Industrial Transfer, 2450 6th Ave. S., Seattle

Your PO#: 17922

Our Job#: 8687-94

Dear Sirs,

This letter is to certify that Coastal Tank Cleaning, Inc. (CTC) has received the following tank(s) for cleaning and disposal in accordance with all Federal, State and Local rules and regulations:

- 1: 10,000 gallon diesel
- 2: 1,000 gallon gasoline
- 3: 1,000 gallon gasoline

DATE RECEIVED: 5/17/94

DATE CLEANED: 5/18/94

MARINE CHEMIST CERT. #: 42193

DATE DISPOSED: 5/20/94

BILL OF LADING #: 5144

METHOD OF DISPOSAL: Scrap Metal

If you have any questions regarding this matter please feel free to call at (206) 624-9843

Sincerely,



Don Austin
UST DISPOSAL MANAGER

APPENDIX C
SOIL SAMPLING PROTOCOLS

APPENDIX C

SOIL SAMPLING PROTOCOLS

Soil samples were selected by an O'Sullivan Omega geologist (registered Site Assessor with Ecology), based on field observations. Soil samples were collected and analyzed for parameters as outlined in Ecology's soil sampling and analytical guidelines (WSDOE, 1992).

Soil samples were collected using O'Sullivan Omega's standard decontamination and sampling protocols. Sampling equipment (stainless steel spoons, augers, etc.) were decontaminated prior to each sampling episode using a Alconox detergent solution, rinsed with tap water, followed by a final rinse with de-ionized water. Samples collected from the excavation were collected using the backhoe bucket to withdraw soil from the excavation. An aliquot of soil was removed from the center of the bucket. Soil samples collected from the soil stockpile were collected with a hand auger from the soil stockpile, at depths ranging from 1 to 2.5 feet below the stockpile surface. All soil samples were transferred to a preconditioned sterilized borosilicate glass jar with Teflon lids with a stainless steel spoon. Soil sample jars were then placed in a cooled ice chest and transported directly to the American Analytical Laboratories, Inc. of Seattle, Washington for chemical analysis. Chain of custody procedures were followed for all samples.

APPENDIX D
CERTIFICATES OF
LABORATORY ANALYSIS



AMERICAN
ANALYTICAL SERVICES, INC.

May 23, 1994

O'Sullivan Omega
3214 16th Ave SW
Seattle, WA 98134
Attn.: J.T. Lillie

Dear John:

Enclosed are the results of the analyses of samples submitted on 5/17/94 from your Industrial Transfer project.

We appreciate the opportunity to be of service to you on this project. If you have any questions regarding the reported results, please feel free to call me.

Sincerely,

Jerry L. Lofgren
Laboratory Manager

enclosures

Date of Report: 5/23/94
 Samples Submitted: 5/17/94
 File ID: 05-101
 Analysis: WTPH-G/BTEX
 Units: mg/L (ppm)

Client: O'Sullivan Omega
 Project: Industrial Transfer
 Project #:
 Matrix: Soil

Results

Lab ID	Client ID	Gasoline	Benzene	Toluene	Ethyl Benzene	Xylenes	BFB % Surrogate Recovery
05-101-1	IT-G1	33*	<0.05	<0.05	<0.05	<0.05	90
05-101-2	IT-G2	30*	<0.05	<0.05	<0.05	<0.05	97
05-101-3	IT-G3	29*	<0.05	<0.05	<0.05	<0.05	91
05-101-4	IT-G4	36*	<0.05	<0.05	<0.05	0.39	94
05-101-5	IT-G5	26*	<0.05	<0.05	<0.05	<0.05	88
05-101-6	IT-G6	<10*	<0.05	<0.05	<0.05	<0.05	91
05-101-7	IT-G7	37*	<0.05	<0.05	<0.05	<0.05	89
Quality Assurance							
05-101-1 Duplicate		28*	<0.05	<0.05	<0.05	<0.05	85
Method Blank		<10	<0.05	<0.05	<0.05	<0.05	121
05-101-1 Matrix Spike		---	117%	118%	110%	129%	75

ppm - parts per million

* GC trace similar to "weathered" gasoline.



Date of Report: 5/23/94
Samples Submitted: 5/17/94
File ID: 05-101
Analysis: WTPH-D
Units: mg/kg (ppm)

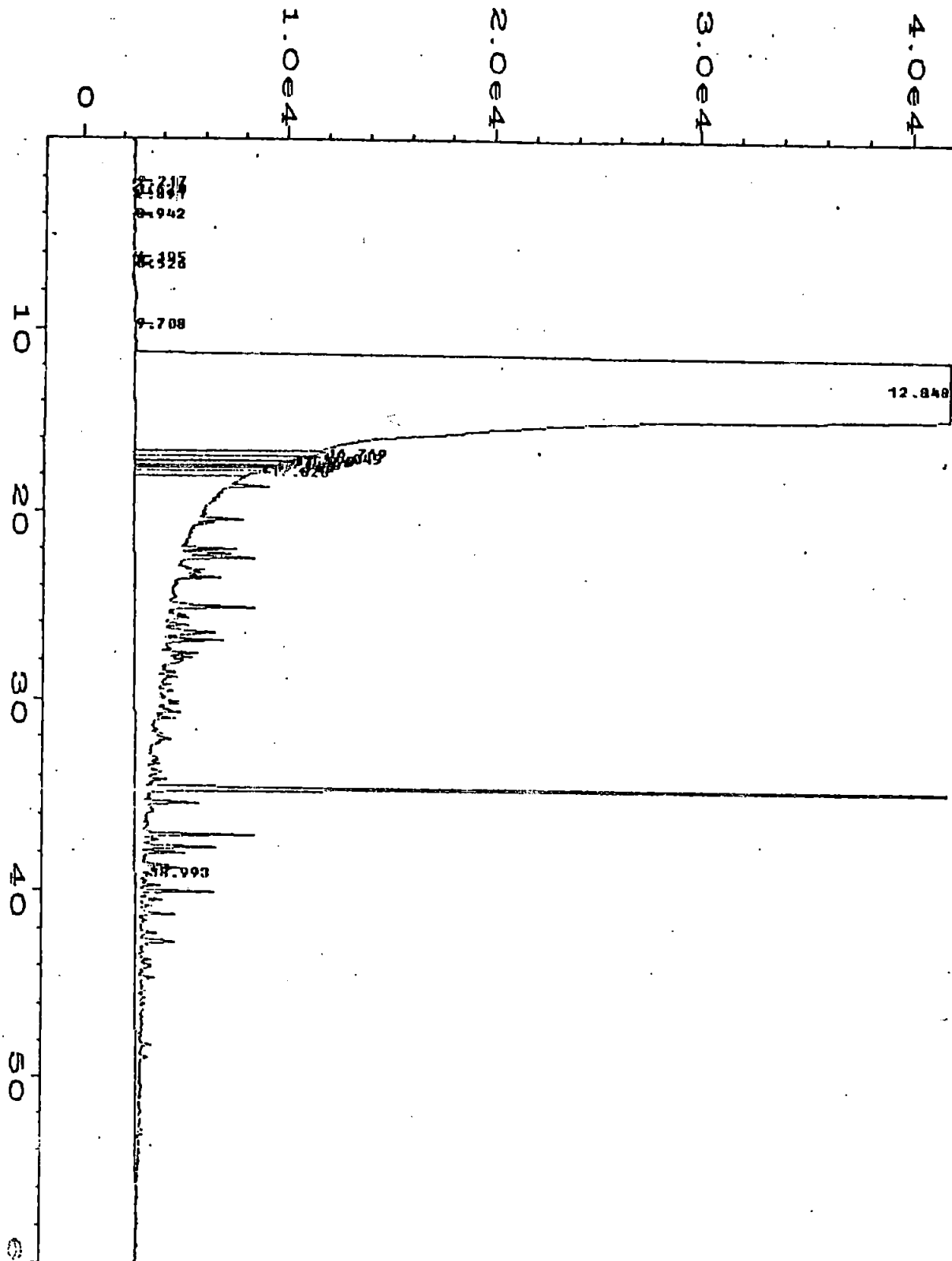
Client: O'Sullivan Omega
Project: Industrial Transfer
Project #:
Matrix: Soil

		Results	
Lab ID	Client ID	Result	Surrogate Recovery
05-101-9	IT-D1	<50	96%
05-101-10	IT-D2	<50	101%
05-101-11	IT-D3	<50	109%
05-101-12	IT-D4	<50	93%
05-101-13	IT-D5	<50	85%
05-101-14	IT-D6	<50	97%
05-101-15	IT-D7	<50	92%

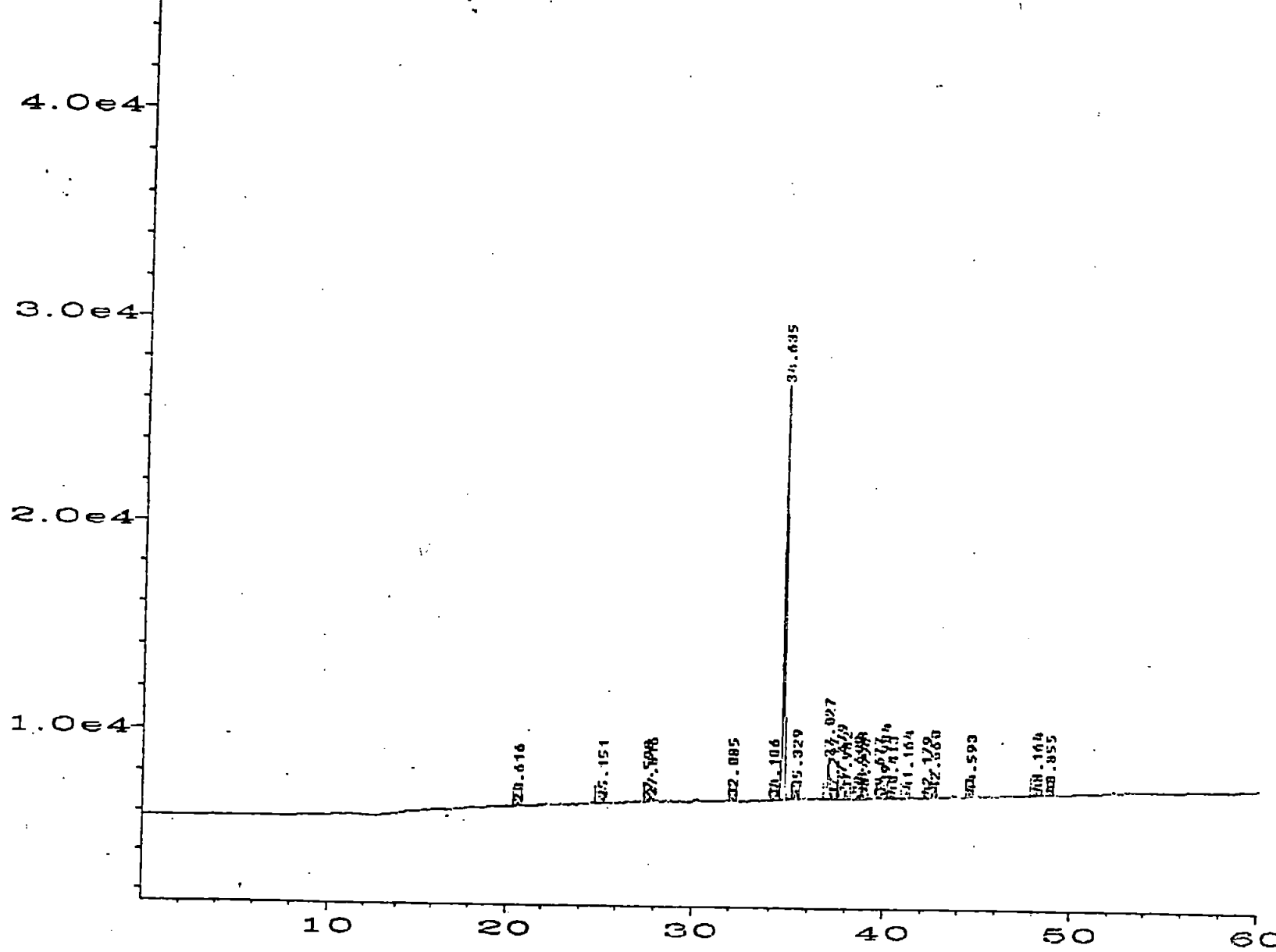
Quality Assurance

Method Blank	<50	110%
Blank Spike	110%	106%

ppm - parts per million



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Last Recalib on	: 20 JAN 93 10:31 AM	ISTD Amount	:
Multiplier	: 1		



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Report Created on
Last Recalib on
Multiplier

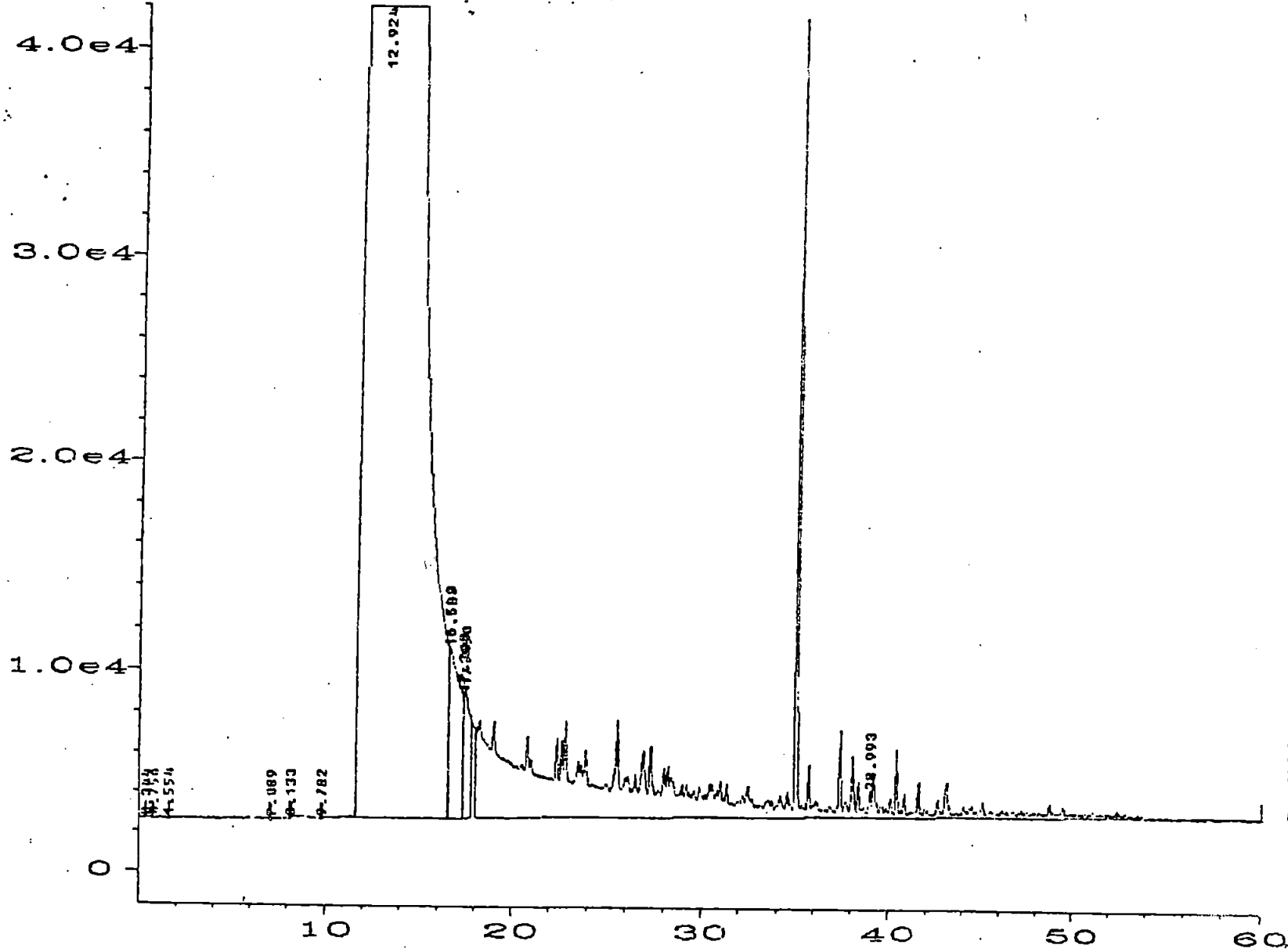
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18 JAN 93 04:31 PM
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Vial Number
Injection Number
Sequence Line
Instrument Method
Analysis Method
Sample Amount
ISTD Amount

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GASOLINE.MTH
GASSTEX.MTH



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Last Recalib on
Multiplier

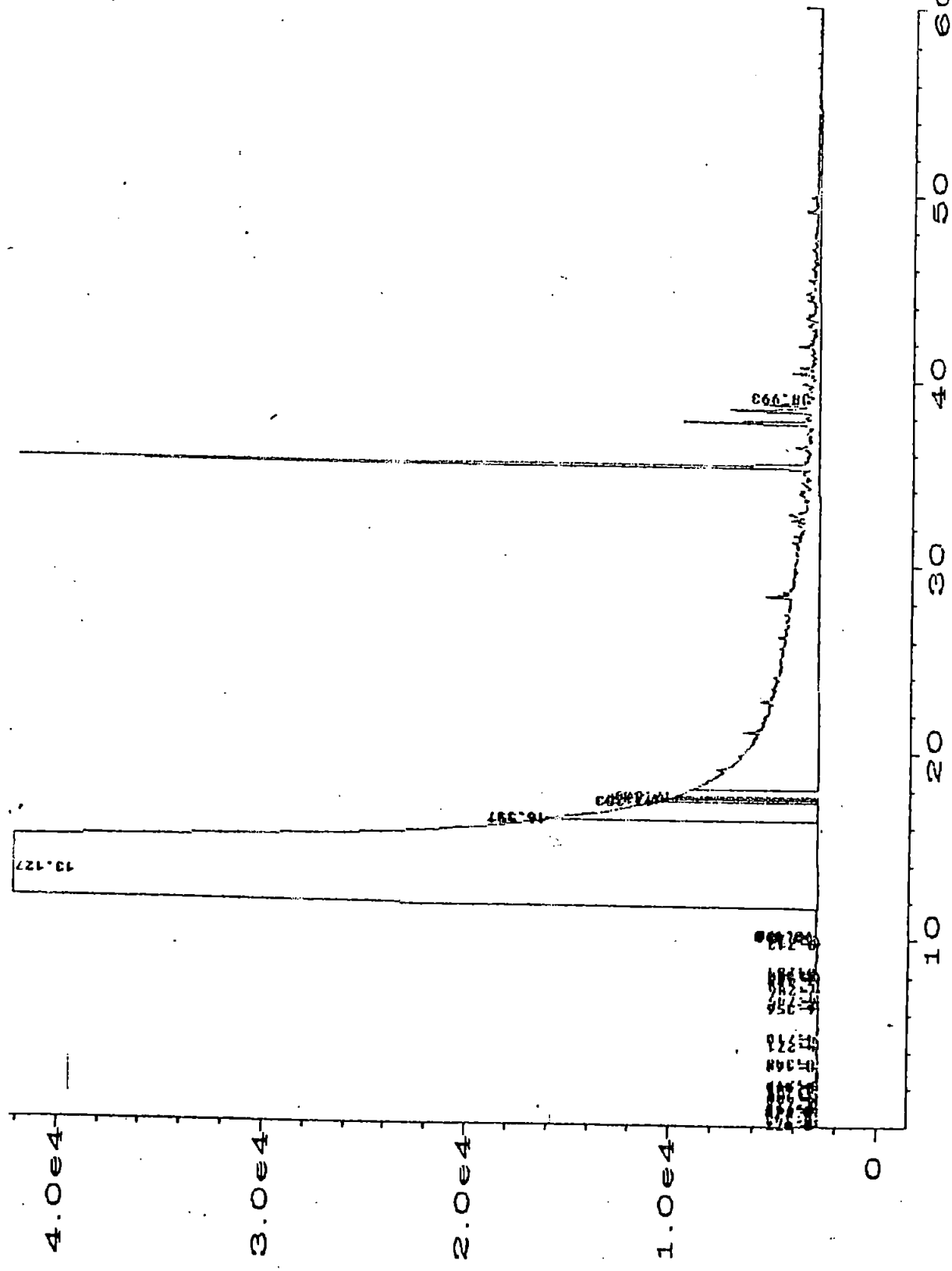
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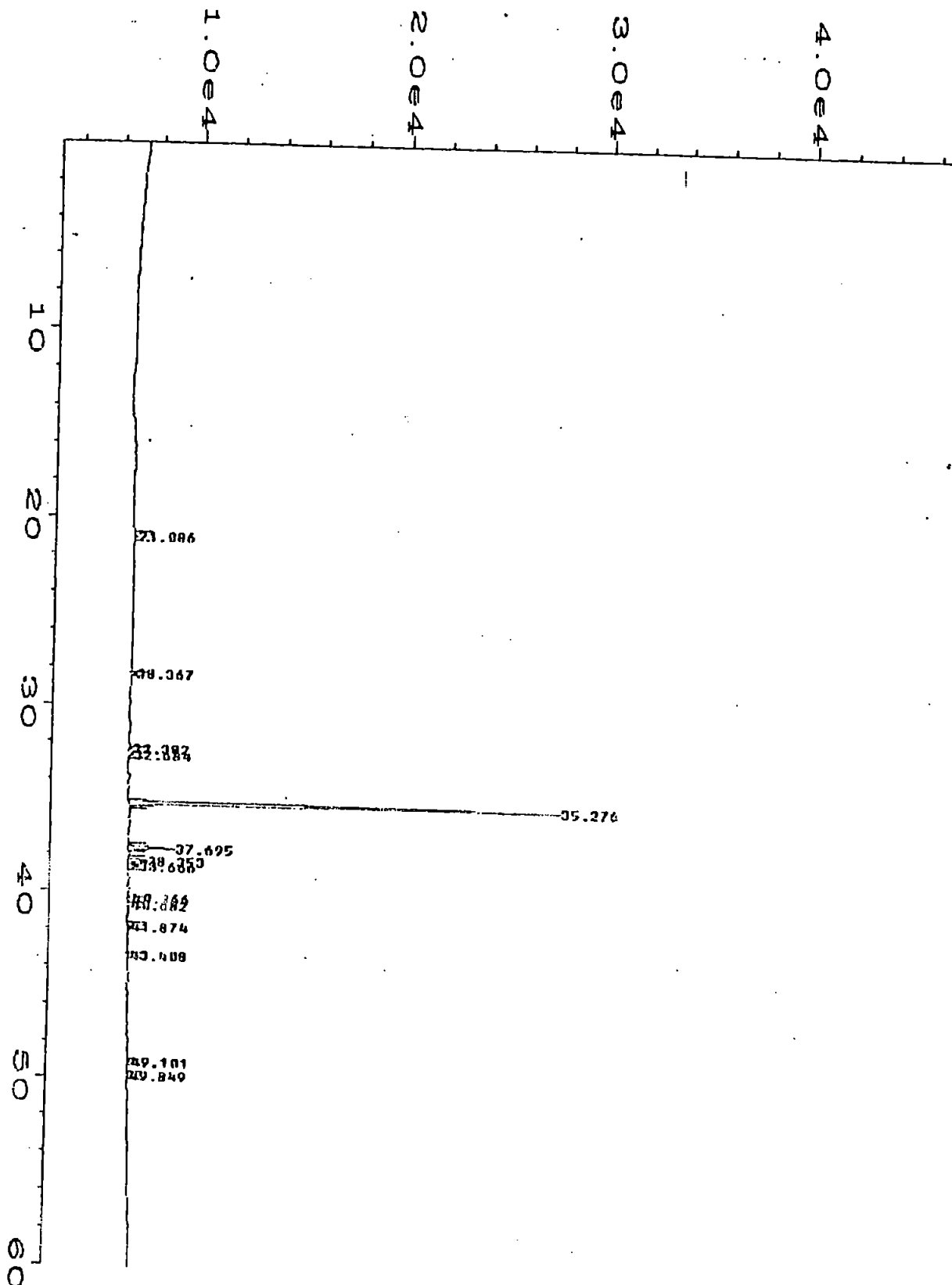
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 Operator
 Instrument
 Sample Name
 Run Time Bar Code
 Acquired on
 Report Created on
 Last Recalib on
 Multiplier

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 05-101-2 5g
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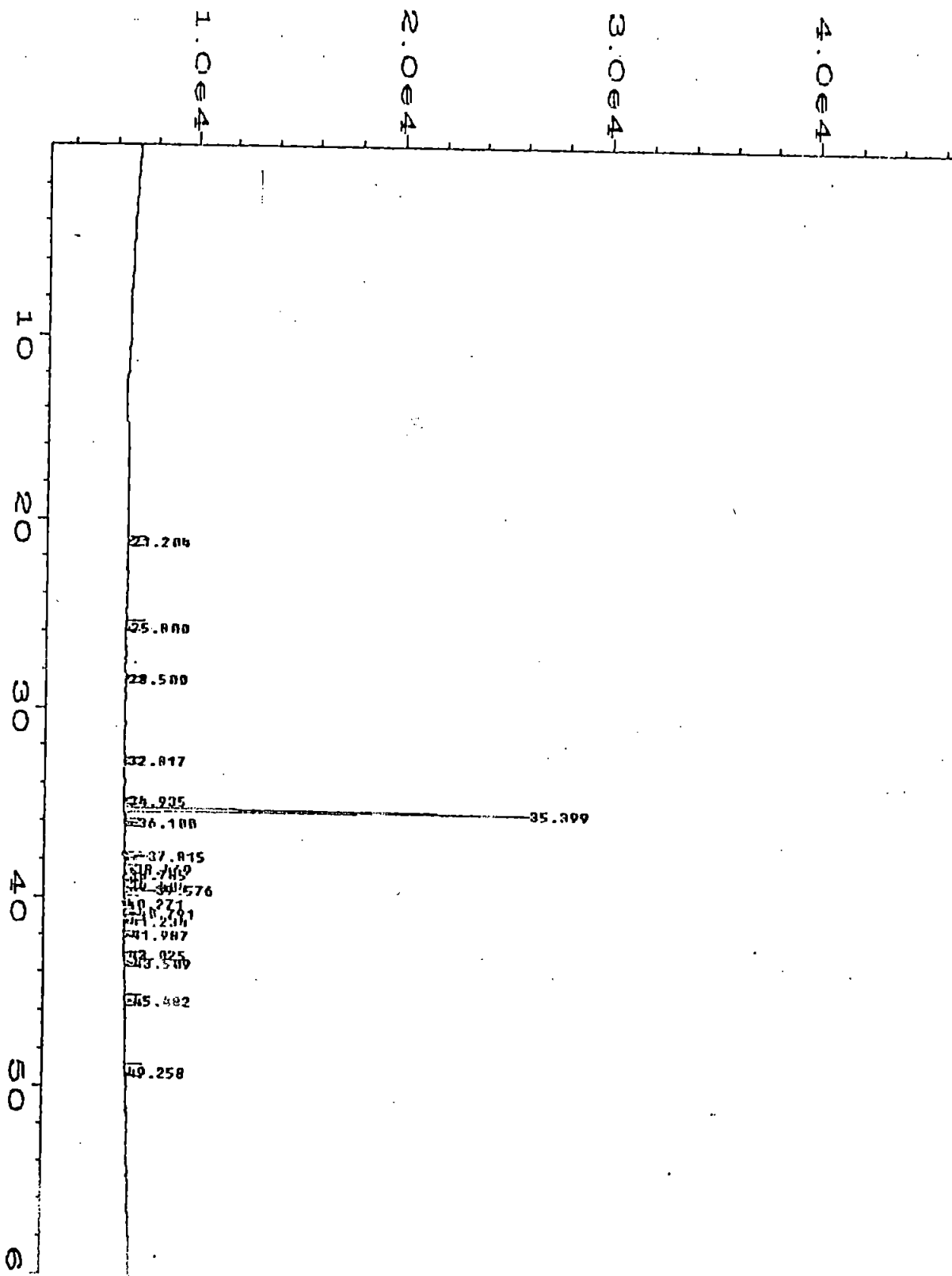
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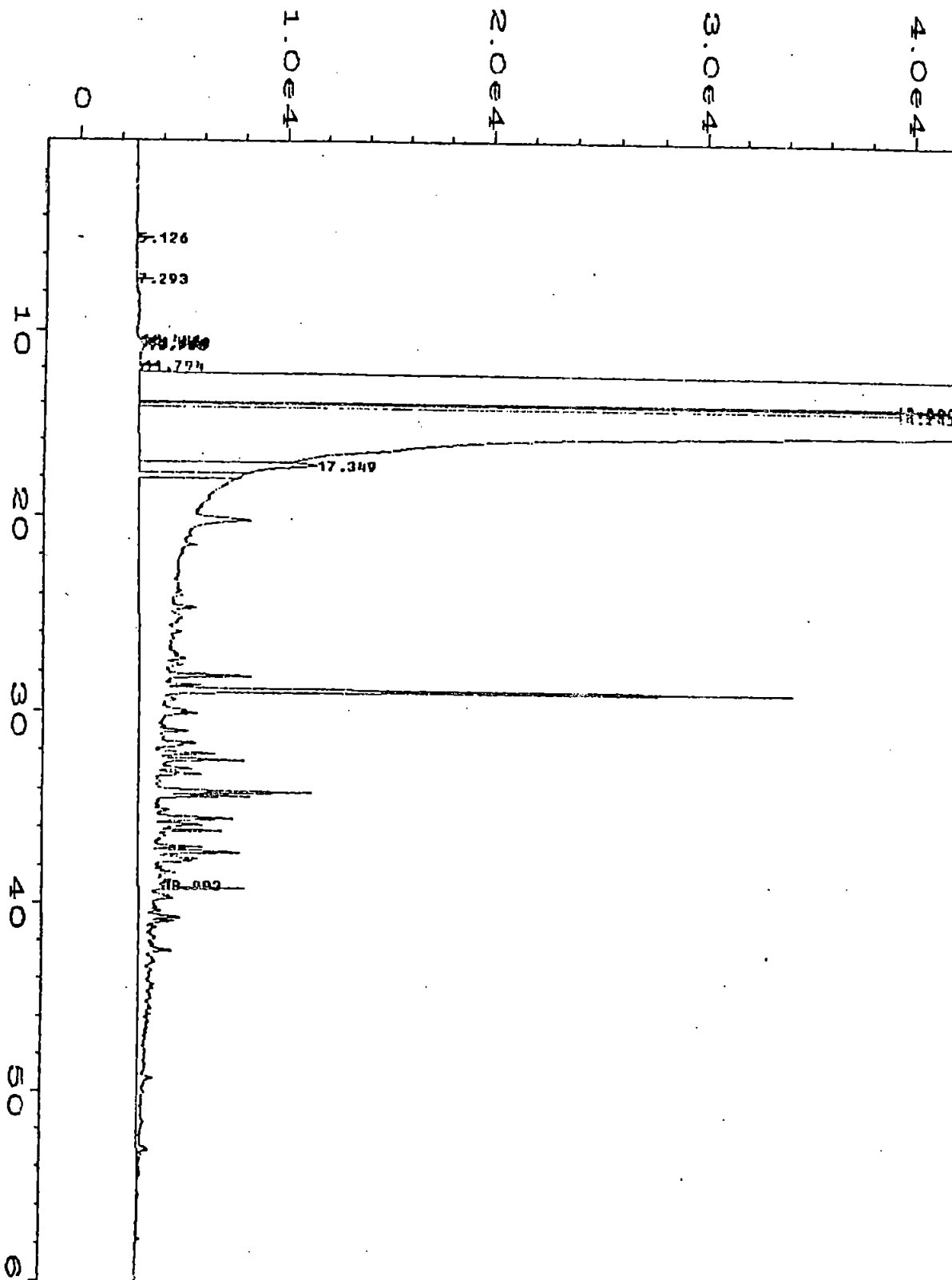


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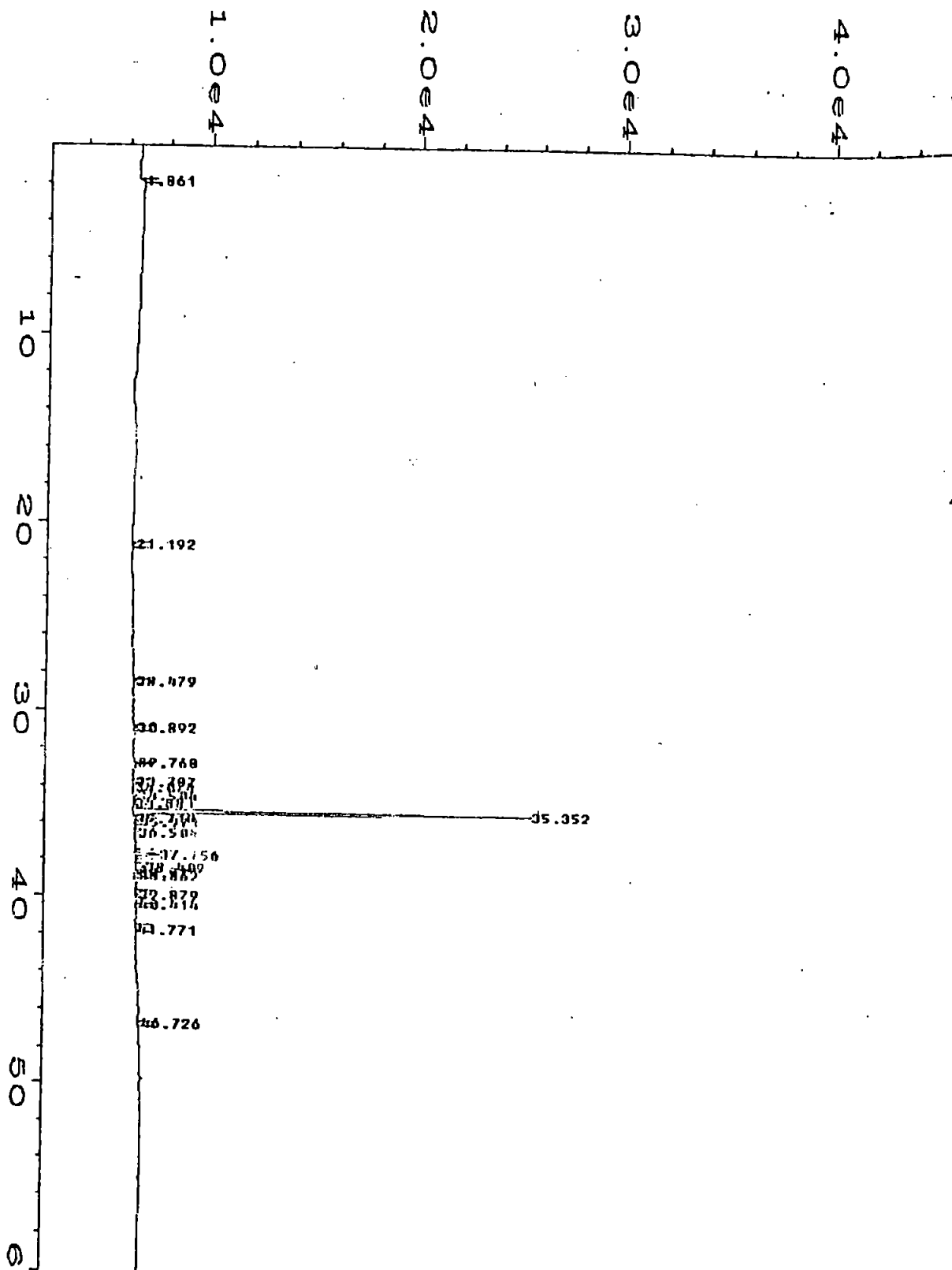
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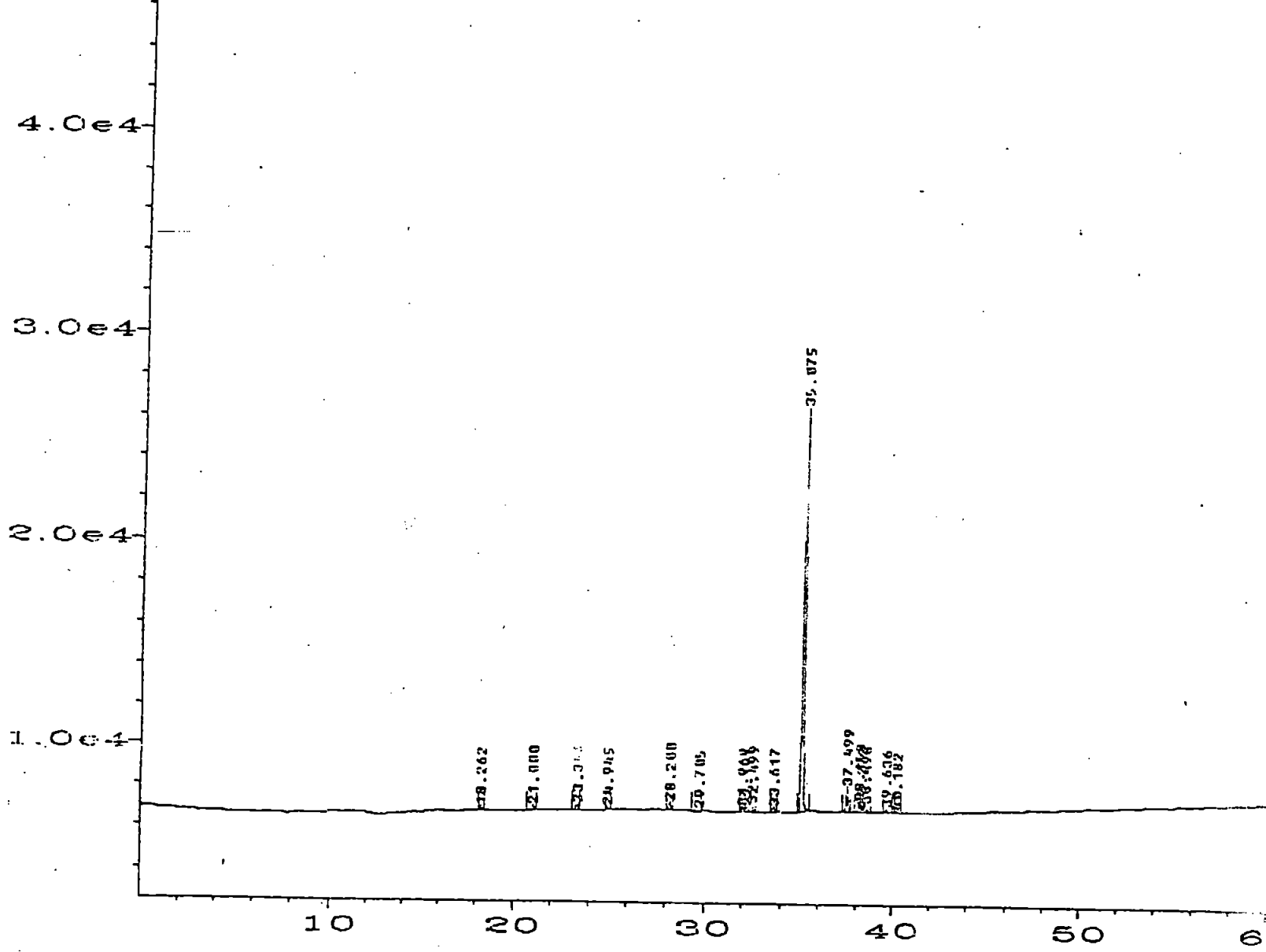
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Run Time Bar Code		Instrument Method	: GASOLINE.MTH
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Last Recalib on	: 20 JAN 93 10:31 AM	ISTD Amount	: 1
Multiplier	: 1		



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Sample Name	: 05-101-5 5g	Sequence Line	: 1
Run Time Bar Code	:	Instrument Method	: GASOLINE.MTH
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Multiplier	: 1		

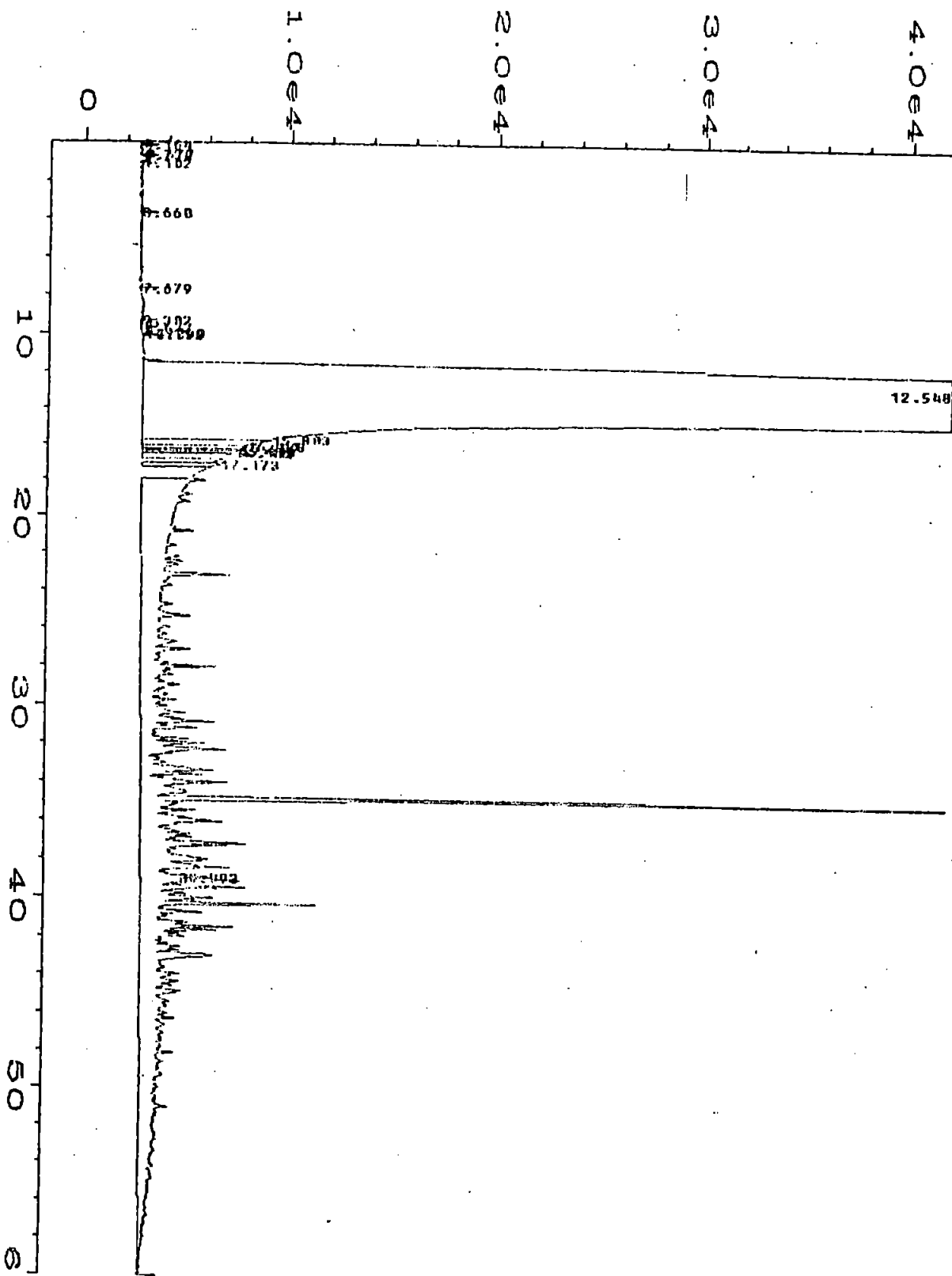


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 Multiplier : 1

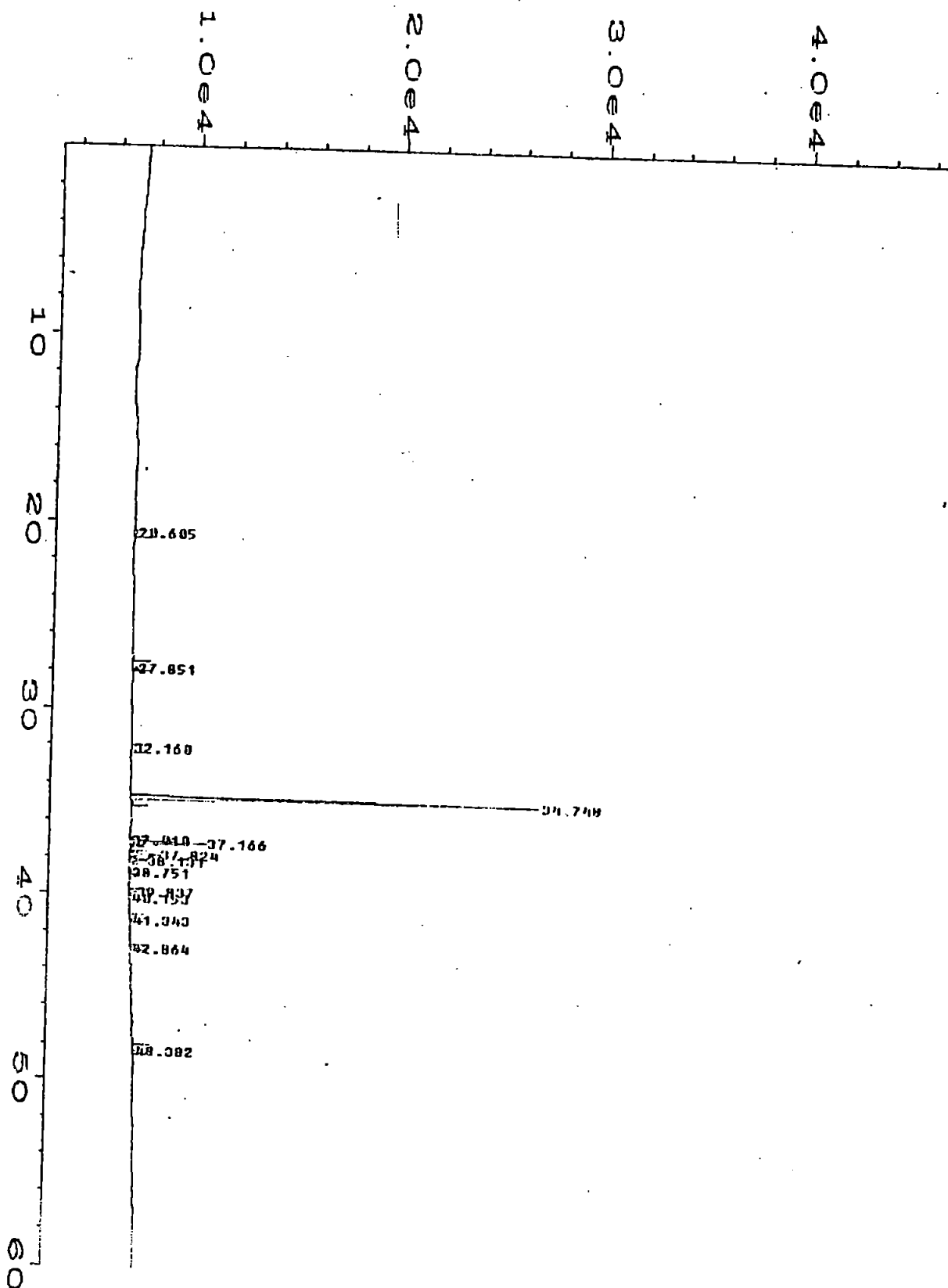
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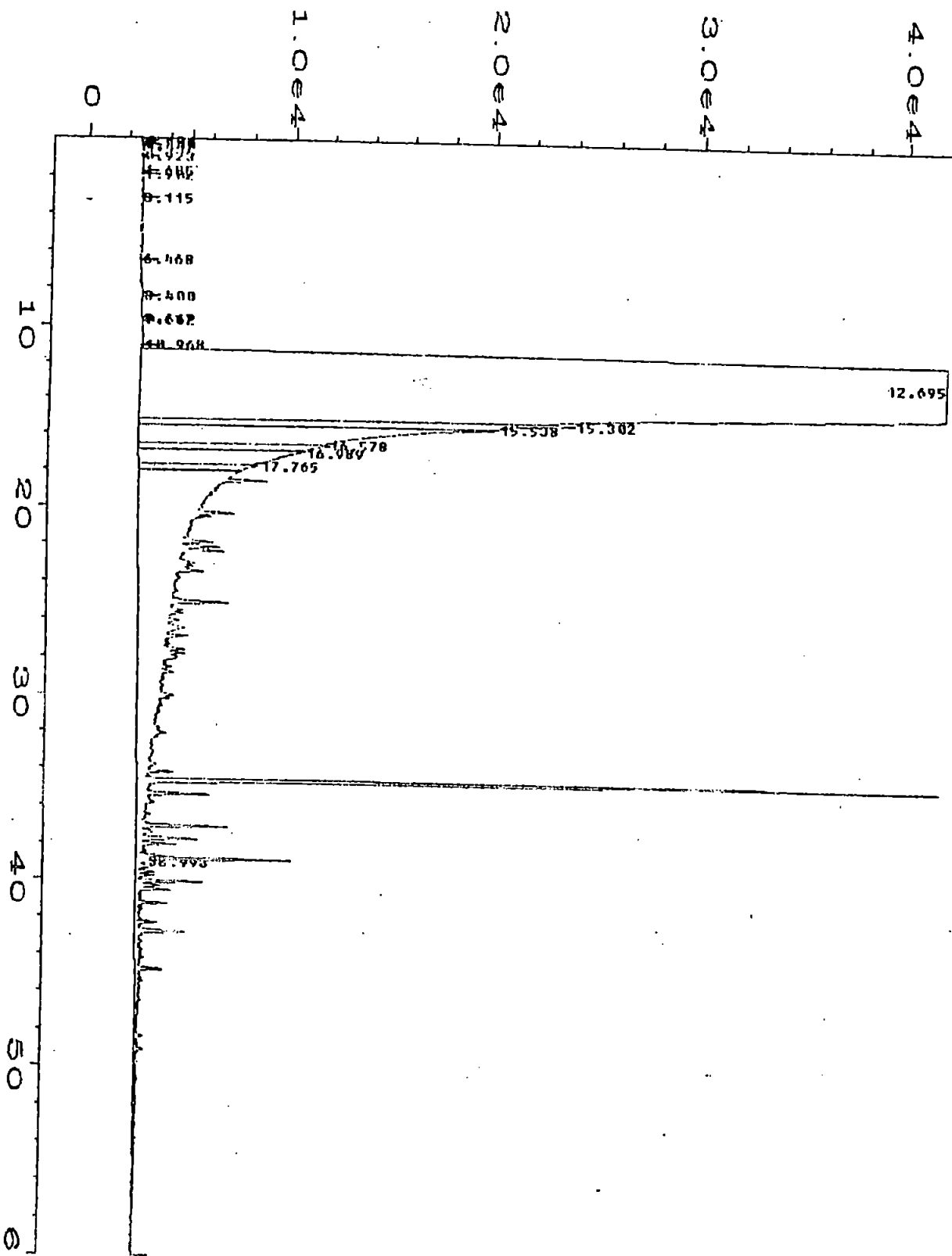
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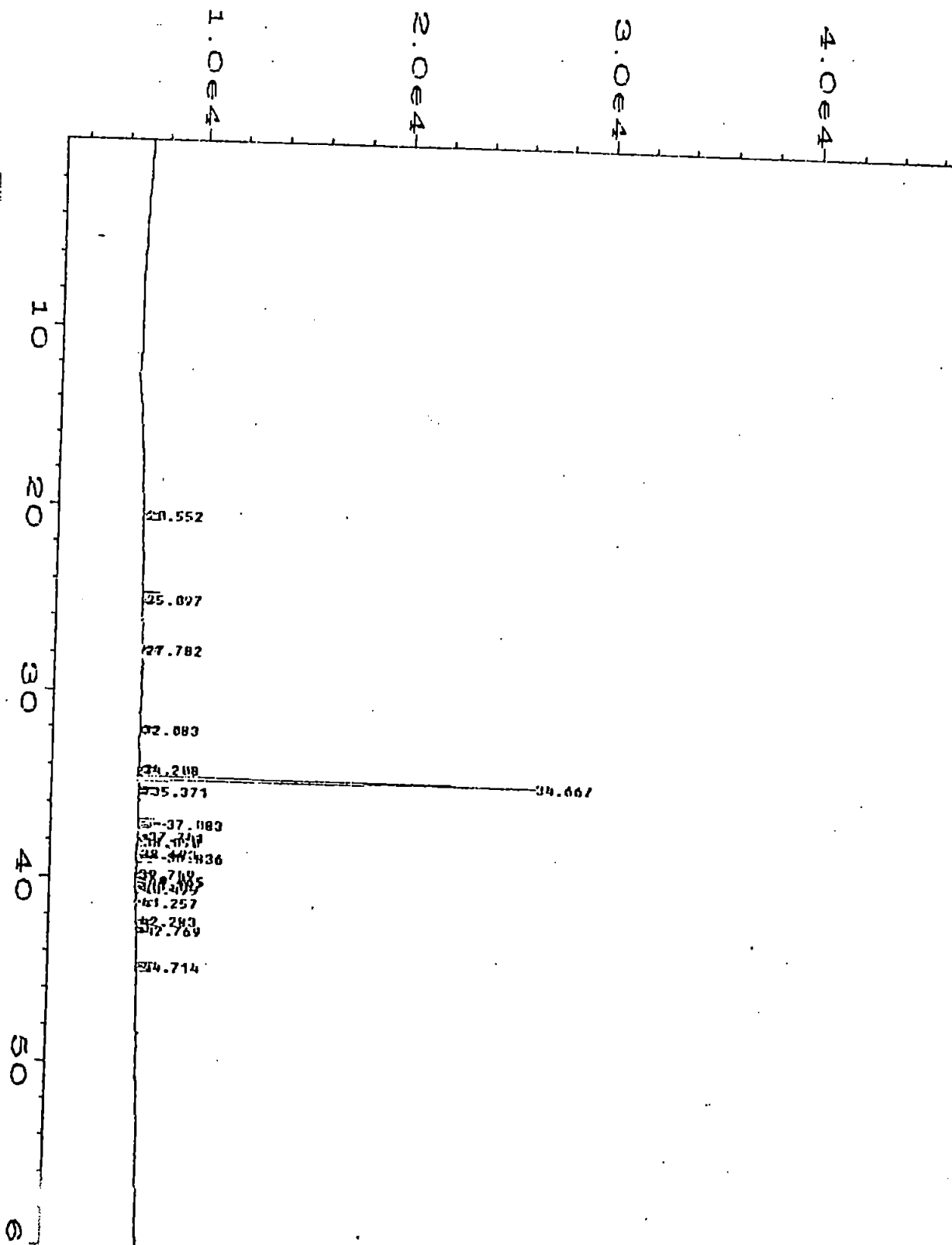
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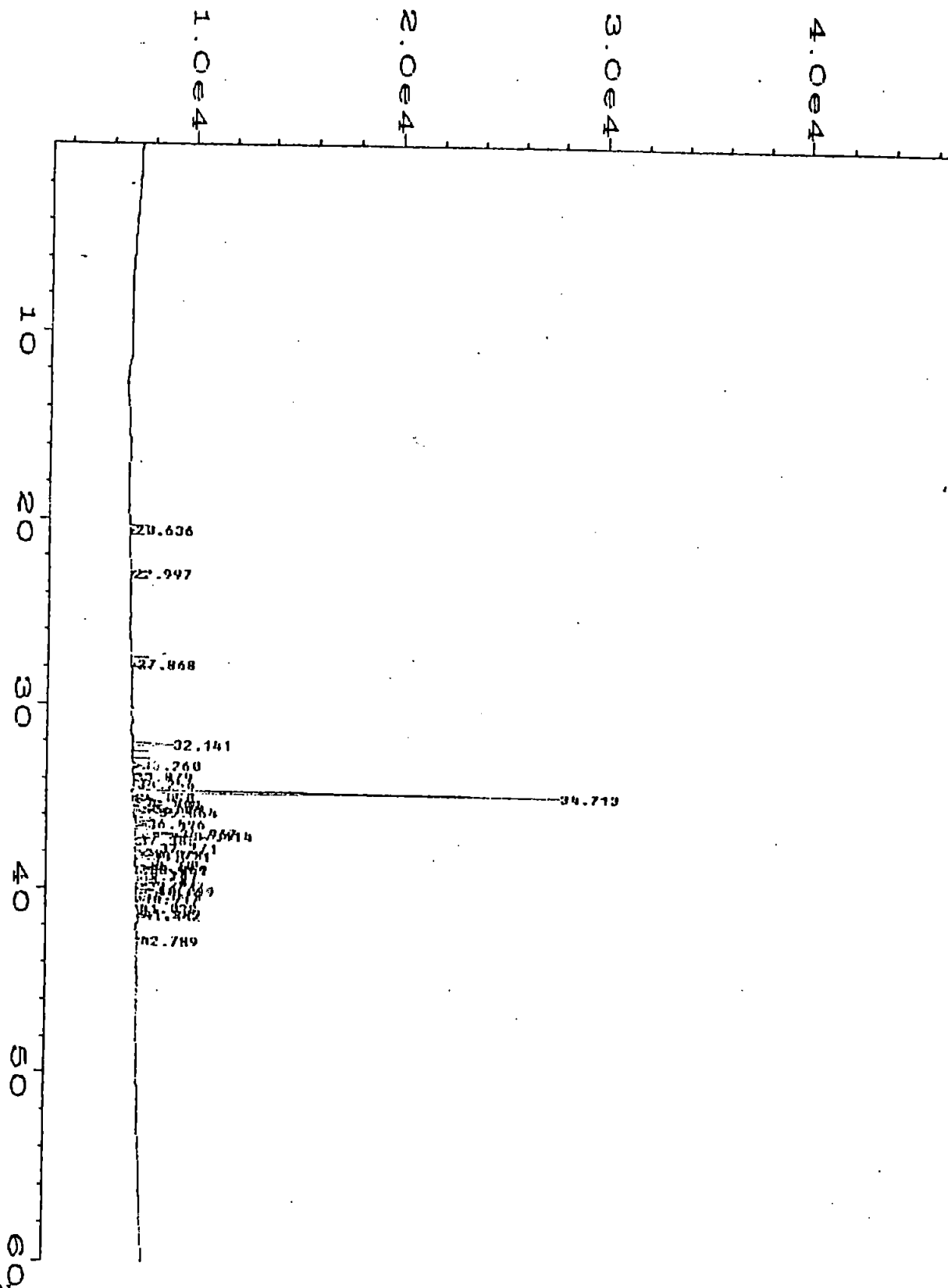


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Last Recalib on			



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IT-D1

]-nC-12

]-OTP

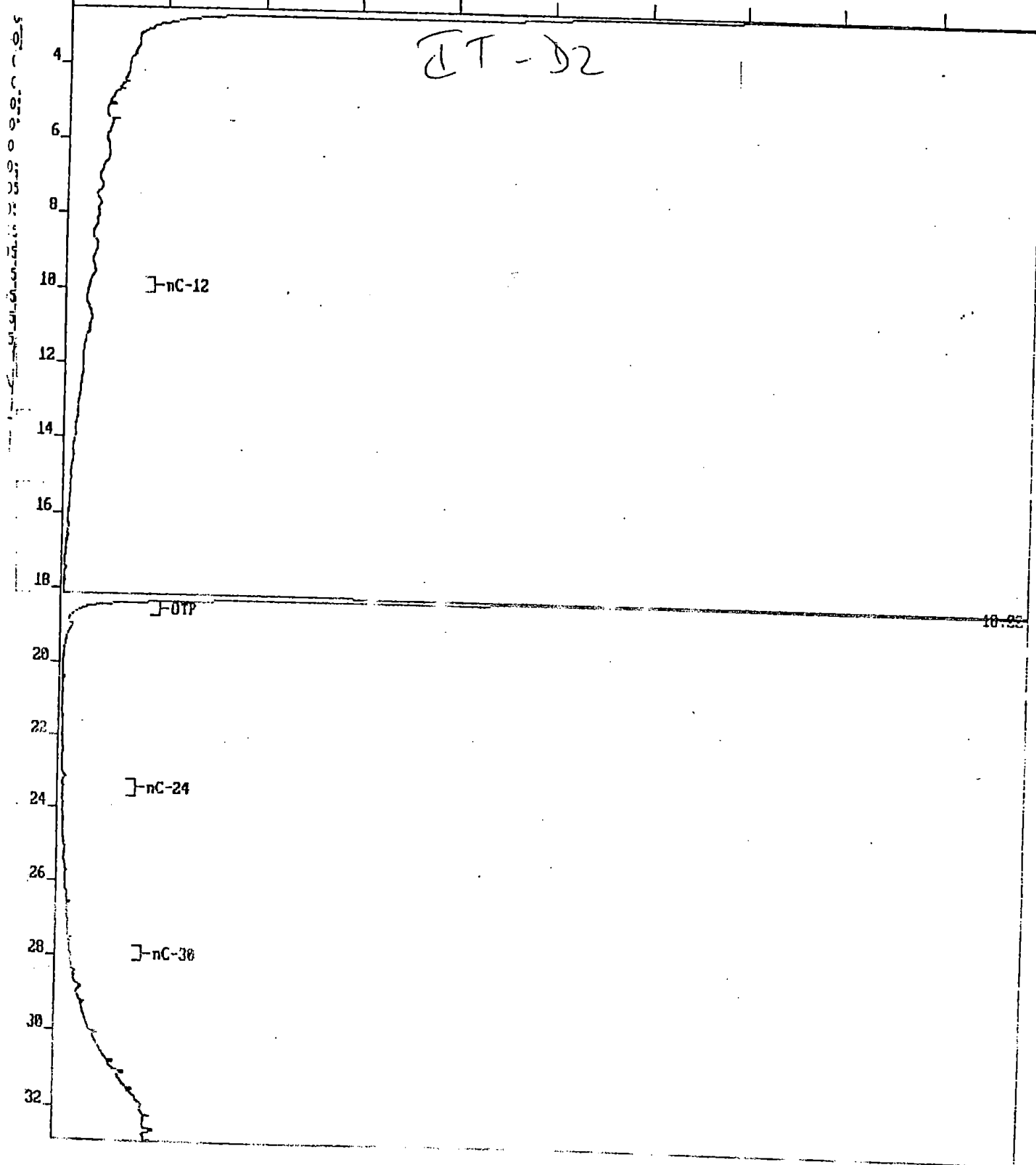
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10-22

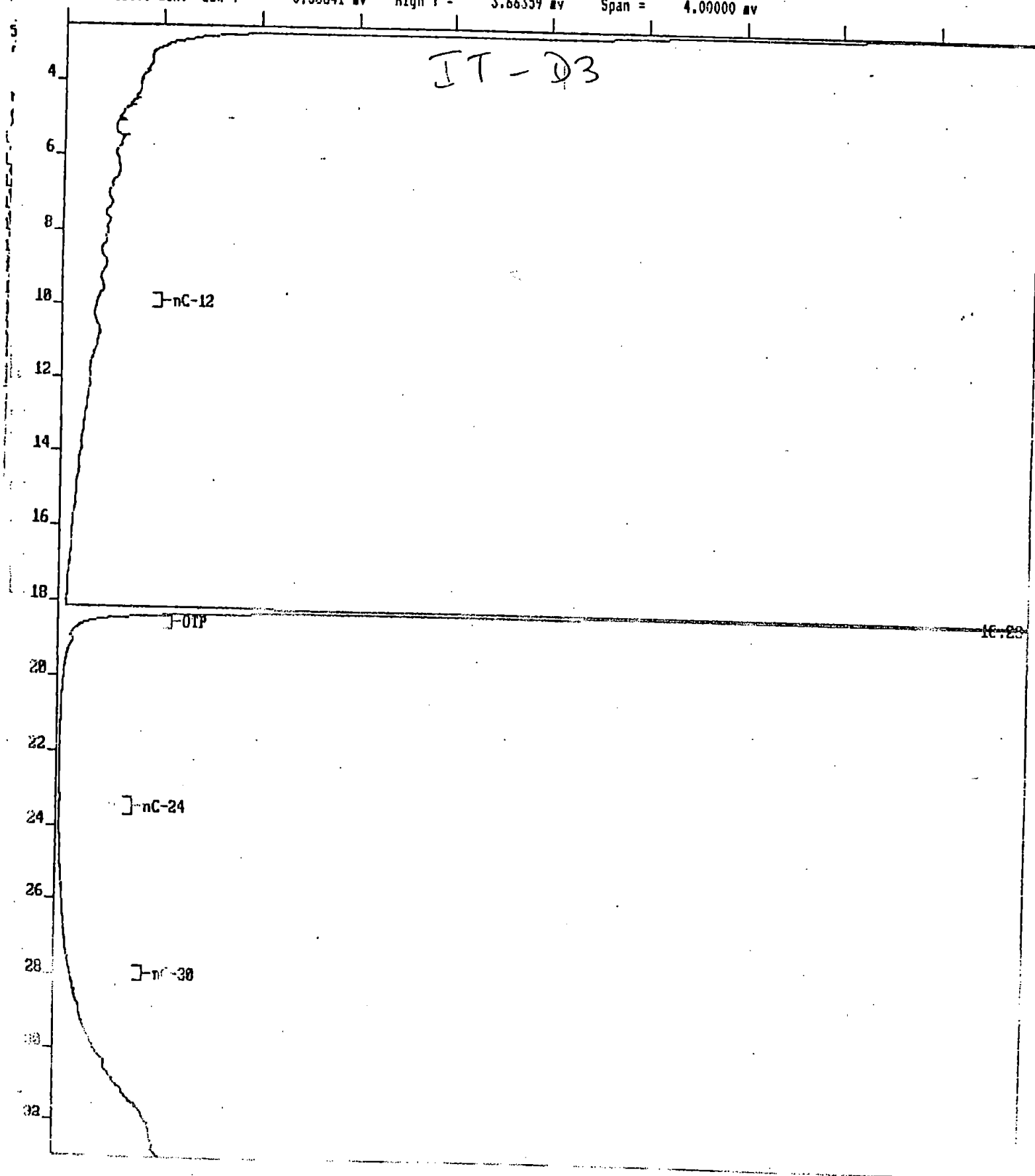
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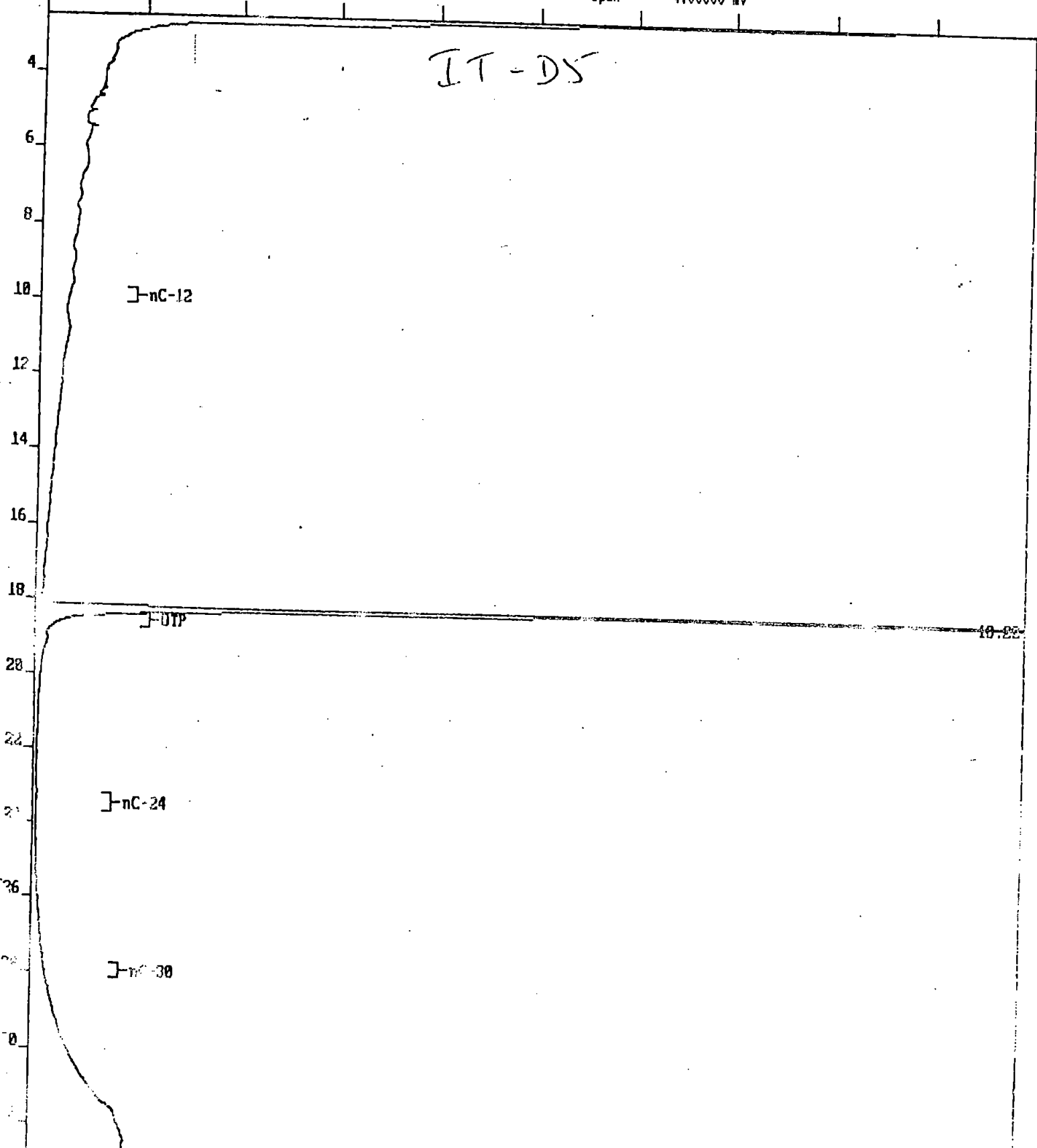
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nC-24

nC-30

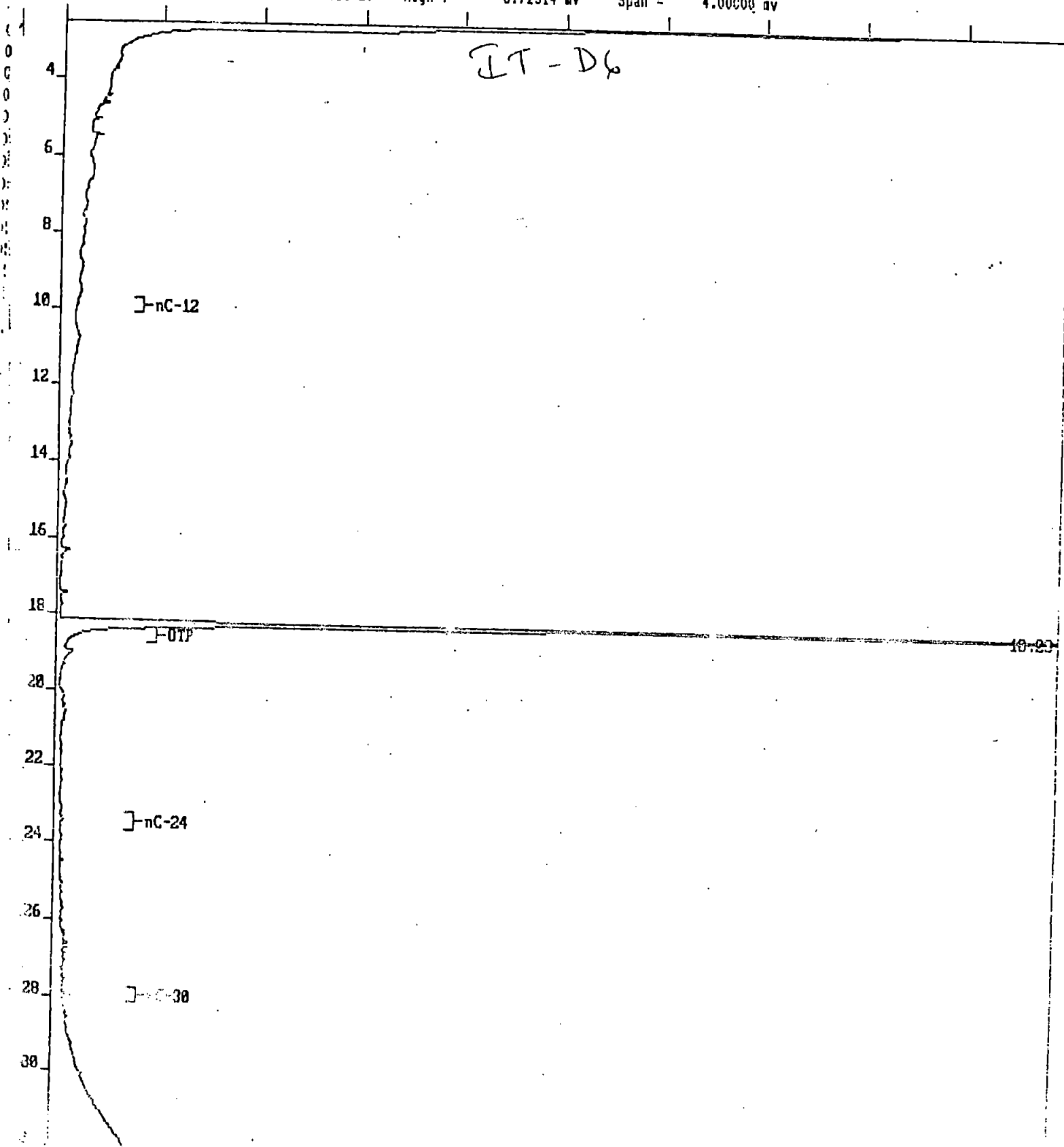
18.22

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0 2.50 to 33.00 min. Low Y = -0.27486 mv High Y = 3.72514 mv Span = 4.00000 mv



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2.50 to 33.00 min. Low Y = -0.29636 mv High Y = 3.70364 mv Span = 4.00000 mv

ET-D7

]-nC-12

]-01P

]-nC-24

]-nC-30

10-23

24 hrs.

O'Sullivan Omega

J.T. L. McE

Project Name:

Industrial Transfer

dash	Sample Number	Date Sampled	Type	# Jars	Analysis Required	Comments
	IT - G1	5/17/94	Soil	1	WTPH-G	
	-G2					
	-G3					
	-G4					
	-G5					
	-G6					
	-G7					
	-G8					
	-D1				WTPH-D	
	-D2					
	-D3					
	-D4					
	-D5					
Relinquished by: [Signature]		date: 5/17/94	Received by: [Signature]		date: 5-17-94	
Firm: Sullivan		time: 1455	Firm: AAST		time: 2:55	
Relinquished by:		date:	Received by:		date:	
Firm:		time:	Firm:		time:	

2042

Project Manager: J.T. Lillie

Project Name: Industrial Transfer

24 hrs.

[illegible]

APPENDIX E
REFERENCES

APPENDIX E

REFERENCES

Guidance for Site Checks and Site Assessment for Underground Storage Tanks, Washington State Department of Ecology Underground Storage Tank Program, Revised, October, 1992.

The Model Toxics Control Act Cleanup Regulations Chapter 173-340 WAC, Amended December, 1993.

Guidance for Remediation of Releases from Underground Storage Tanks, Washington State Department of Ecology Toxics Cleanup Program, Revised April 1994.

22

23

24

25

Industrial Properties Inc.

VCP NW 1016

Phase I
Environmental Site Assessment

**Industrial Transfer Warehouse and
Storage Yard
2450 6th Avenue South
Seattle, Washington**

Clayton Project No. 75-02042.00
SEPTEMBER 6, 2001

Prepared for:

**LJ MELODY & CO.
Seattle, Washington**

Prepared by:

**CLAYTON GROUP SERVICES, INC.
4636 East Marginal Way South
Suite 215
Seattle, Washington
206-763-7364**



4636 E. Marginal Way S
Suite 215
Seattle, WA 98134
206.763.7364
Fax 206.763.4189



September 6, 2001

Greg Wellington
LJ Melody & Co.
600 University Avenue, Suite 2910
Seattle, WA 98101

Clayton Project No. 75-02042.00

Subject: Phase I Environmental Site Assessment Report for the Industrial Transfer
Warehouse and Storage Yard, 2450 6th Avenue South, Seattle, Washington

Dear Mr. Wellington:

Enclosed are three copies of the report entitled "*Phase I Environmental Site Assessment, Industrial Transfer Warehouse and Storage Yard, 2450 6th Avenue South, Seattle, Washington.*"

Clayton has no present or contemplated future ownership interest or financial interest in the real estate that is the subject of this Environmental Assessment Report; and Clayton has no personal interest with respect to the subject matter of the Environmental Assessment Report or the parties involved and consultant has no relationship with the property or the owners thereof which would prevent an independent analysis of the environmental or other conditions of the property.

If you have any questions or concerns, please contact Marcel Khouw or myself at 206-763-7364.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeremy Fichter". The signature is fluid and cursive, with the first name "Jeremy" and last name "Fichter" clearly distinguishable.

Jeremy Fichter
Staff Environmental Consultant
Environmental Services
Seattle Regional Office

Enclosures

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EXECUTIVE SUMMARY

Mr. Greg Wellington of LJ Melody & Company retained Clayton Group Services, Inc. (Clayton) to conduct a Phase I Environmental Site Assessment (assessment) of the Industrial Transfer Warehouse and Storage Yard, 2450 6th Avenue South, Seattle, Washington (the "subject property"). The objective of the assessment was to provide an independent, professional opinion regarding recognized environmental conditions, as defined by ASTM, associated with the subject property. This assessment was requested in association with a loan.

This assessment was performed under the conditions of, and in accordance with Clayton's Proposal Number 01SEAES050 dated August 8, 2001, using ASTM E1527-00, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, and the Washington Mutual Scope of Work for Phase I Environmental Site Assessments as guidelines. Any exceptions to, additions to, or deletions from the ASTM guidelines are described in the report. Details of the work performed, sources of information, and findings are presented in the report. Limitations of the assessment are described in Sections 1.2 and 1.3.

The subject property, currently owned by American Life, consists of two separate parcels. The first parcel, developed with the Industrial Transfer Warehouse, is a 89,990 square-foot lot located at the northeast corner of 6th Avenue South and Lander Street. The second parcel, a 42,900 square-foot lot, is located to the east of the railroad tracks and adjacent to Lander Street. The property, which is paved, was being used for parking and for the storage of large steel piping. The property has a small storage shed located along Lander Street, which is enclosed by a chain link fence.

The subject property is located in a former tidal flat area, which extended from the Duwamish River on the south end to downtown Seattle on the north end. The portion of the tidal flat which included the subject and adjoining properties was filled in sometime between the years 1908 and 1916. In 1916, the subject property was developed with a small sausage and vinegar factory near the corner of 6th Avenue and Lander Street. The current building was constructed in four different sections between the years 1951 and 1961. Adjoining properties were developed for industrial purposes as early as 1916.

This assessment has revealed no evidence of *recognized environmental conditions*, as defined by ASTM, in connection with the property, except for the following:

- The subject property currently has at least three underground storage tanks located on the premises. The USTs were reportedly installed in the early to mid 1950s and are most likely of single-walled steel construction. Tanks of this type typically last at most 20 years. Due to the age of the USTs, and the fact that they have apparently never been tightness tested, it is possible that leakage has occurred from either the USTs, or from the product lines.

EXECUTIVE SUMMARY (Continued)



Clayton recommends that a subsurface investigation be conducted in the area of the USTs and product lines in order to determine if leakage to has occurred.

- Friction Services, located at 555 South Lander Street, was listed in the RCRIS-Small Quantity Generator, FINDS, Underground Storage Tank (UST), and Leaking Underground Storage Tank (LUST) databases. The Friction Services property, located at the southwest corner of Lander Street and 6th Avenue South, is adjacent to and crossgradient of the subject property.

According to a February 1994 Department of Ecology Notice of Confirmed Release report, a heating oil tank located on the property was found to be leaking diesel-type oil. The tank was removed in 1993, during which time 160 tons of petroleum contaminated soil were removed. During the excavation, free product was observed floating on the water table. A groundwater monitoring well was to be installed at the property.

Department of Ecology files did not indicate whether cleanup of the site had been completed, or if the groundwater monitoring well had been installed. Although the Friction Services property is most likely either downgradient or crossgradient from the subject property, due to it's proximity, it is possible that contaminated groundwater may have migrated to the subject property.

In addition, a fuel storage yard was depicted in a 1950 fire insurance map. The fuel storage yard was located adjacent to the subject property to the south along Lander Street, and east of the Friction Services facility. No other information regarding the former fuel storage yard was reviewed during this assessment.

Clayton recommends that a subsurface investigation be conducted near the southwest corner of the subject property in order to determine if contaminated groundwater from these properties has impacted the subject property.

- Lee and Estes Tank Lines, located at 2418 Airport Way South, was listed in the CERCLIS-NFRAP, UST, LUST, and CSCSL NFA databases. The property is between 1/8-mile and 1/4-mile mile east-northeast and upgradient/crossgradient of the subject property.

Three 4,000-gallon diesel USTs and one 2,000 gallon USTs with unknown contents were removed in 1995. Total petroleum hydrocarbons (as diesel) were detected in soil at levels exceeding MTCA cleanup levels. During the tank excavations, groundwater was encountered at approximately nine feet below ground surface, and free product was observed floating on the water table. The site was partially cleaned up, but some of the contaminated soil and groundwater was left in place (Columbia Environmental 1995).

In addition, the property adjacent to 2418 Airport Way to the south was formerly

EXECUTIVE SUMMARY (Continued)



operated as a retail gas station. A subsurface investigation conducted at the site revealed concentrations of TPH and benzene slightly above MTCA cleanup levels (Environmental Associates 1992).

Because these two sites are located within 1/4-mile and are potentially upgradient of the subject property, it is possible that contaminated groundwater may have migrated to the subject property. Site files reviewed by Clayton at the Department of Ecology did not indicate that either of these cases has been closed. However, the EDR report indicated that a 'No Further Action' determination has been issued by Ecology for 2418 Airport Way.

Clayton recommends that a subsurface investigation be conducted near the eastern perimeter of the subject property in order to determine if contaminated groundwater from these properties has impacted the subject property.

- Industrial Plating Corp, located at 2411 6th Avenue South, was listed in the RCRIS-Large Quantity Generator, CSCSL and CERCLIS-NFRAP databases. The site is located less than 1/8-mile to the north and crossgradient of the subject property.

The Industrial Plating Corp. site contains a large electroplating and anodizing operation. The facility uses a variety of heavy metals, solvents and acids in its processes. A discharge permit was issued to the facility by METRO for process waste water discharge.

A site visit by Seattle and King County Public Health personnel on August 1999 indicated that there were no visible signs of gross contamination. A soil sampling event conducted by Public Health in December of 1999 revealed concentrations of cadmium, chromium and lead at levels exceeding MTCA cleanup levels. The highest concentrations (360 ppm for cadmium, 3,500 ppm for chromium and 2,700 ppm for lead) were obtained from a drainage area on the west side of the property. This area is essentially an unlined ditch which is used to collect storm water runoff from the parking area at the property. No groundwater sampling was conducted by Public Health.

Because soil concentrations in the drainage ditch exceeded MTCA cleanup levels, and groundwater has been measured in the area at depths as shallow as nine feet below ground surface, it is possible that groundwater has been impacted by heavy metal contamination from the Industrial Plating facility. Although the subject property is most likely located crossgradient from the Industrial Plating facility, due to it's proximity, it is possible that an impact to the subject property may have occurred.

Clayton recommends that a subsurface investigation be conducted near the northwestern corner of the subject property in order to determine if contamination from the Industrial Plating facility has impacted the subject property.

EXECUTIVE SUMMARY (Continued)



The following environmental issues, which are not considered to be *recognized environmental conditions*, as defined by ASTM, were revealed during this assessment:

- A hydraulic elevator and two electrical transformers are located within the Industrial Properties Warehouse. These units are notable because they may be potential PCB sources. Neither the elevator machinery nor the transformers were accessible during this assessment. Mr. Bill Wilder of Evergreen Marketing stated that no evidence of external leaks of coolant fluid from the transformers, or hydraulic fluid from the elevator machinery has been observed by Evergreen Marketing personnel. Clayton recommends that the transformers and elevator machinery be inspected periodically to check for possible leaks.

1.0 INTRODUCTION

Mr. Greg Wellington of LJ Melody & Company retained Clayton Group Services, Inc. (Clayton) to conduct a Phase I Environmental Site Assessment (assessment) of the Industrial Transfer Warehouse and Storage Yard, 2450 6th Avenue South, Seattle, Washington (the "subject property"). This assessment was requested in association with a loan.

1.1 PURPOSE

The objective of this environmental site assessment is to provide an independent, professional opinion regarding *recognized environmental conditions*, as defined by ASTM, associated with the subject property. The term *recognized environmental conditions* (RECs) is defined as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not RECs.

1.2 METHODOLOGY AND EXCEPTIONS

This assessment was performed under the conditions of, and in accordance with Clayton's Proposal Number 01SEAES050 dated August 8, 2001, using ASTM E1527-00, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, and the Washington Mutual Scope of Work for Phase I Environmental Site Assessments as guidelines.

The assessment included the following components:

- A site walkthrough inspection of the property for visual evidence of potential environmental concerns including existing or potential soil and groundwater contamination, as evidenced by soil or pavement staining or discoloration, stressed vegetation; indications of waste dumping or burial, pits, ponds, or lagoons; containers of hazardous substances or petroleum products; electrical and hydraulic equipment that may contain polychlorinated biphenyls (PCBs), such as electrical transformers and hydraulic hoists; and underground and aboveground storage tanks.
- An investigation of historical use of the site by examining locally available aerial photographs (one source) and other readily available historical information such as

fire insurance maps for evidence of prior land use that could have led to recognized environmental conditions.

- A review of information available on general geology and topography of the subject property, local groundwater conditions, sources of water, power, and sewer, and proximity to ecologically sensitive receptors, such as streams, that might be impacted by recognized environmental conditions and environmental issues.
- A review of environmental records available from the property owner or site contact including regulatory agency reports, permits, registrations, and consultants' reports for evidence of recognized environmental conditions.
- A site property line visual assessment of adjacent properties for evidence of potential offsite environmental conditions that may affect the subject property.
- A review of a commercial database summary of federal and state regulatory agency records pertinent to the subject property and offsite facilities located within ASTM-specified search distances from the subject property.
- Interviews with key site personnel, as available, regarding current and previous uses of the property, particularly activities involving hazardous substances and petroleum products.
- Evaluation of information gathered and development of this report.

This assessment also included the following non-ASTM items:

- A visual walk-through inspection for suspect asbestos-containing materials
- A visual walk-through inspection for suspect lead-based paint
- An assessment of the risk for radon gas at the site

This assessment did not include sampling or analysis of soil, groundwater or other materials.

Mr. Jeremy Fichter, Staff Environmental Consultant, from Clayton's Seattle Regional Office, conducted the site walkthrough portion of the assessment unaccompanied on August 22, 2001. Resumes for environmental professionals involved in this assessment are included in Appendix A. Photographs taken at the time of the assessment are included behind the *Photographs* Tab.

1.3 LIMITING CONDITIONS OF ASSESSMENT

Information for the assessment was obtained from sources listed in Appendix B. This information, to the extent it was relied on to form our opinion, is assumed to be correct

and complete. Clayton is not responsible for the quality or content of information from these sources.

Access was not provided to the following areas of the subject property:

- Individual tenant lease areas (including warehouse spaces and offices)
- Elevator machine room

No opinion regarding environmental conditions in areas that were not inspected can be formed. Lack of access to the above-mentioned areas did not prevent an evaluation of the subject property with respect to recognized environmental conditions.

The information and opinions rendered in this report are exclusively for use by LJ Melody & Company and Industrial Properties, Inc. Clayton will not distribute or publish this report without consent except as required by law or court order. The information and opinions expressed in this report are given in response to a limited assignment and should be considered and implemented only in light of that assignment. The services provided by Clayton in completing this project were consistent with normal standards of the profession. No other warranty, expressed or implied, is made.

2.0 SUBJECT PROPERTY DESCRIPTION

2.1 LOCATION AND LEGAL DESCRIPTION

The subject property, Industrial Transfer Warehouse, is located at 2450 6th Avenue South, Seattle, Washington, in an industrial setting. The subject property also includes the adjacent parcel to the east, which does not have a designated address (Figures 1 and 2, *Figures Tab*).

The subject property is located in the Southwest Quarter of Section 8, Township 24 North, Range 4 East of the Seattle South Quadrangle. A legal description is included in Appendix C.

No record of environmental liens was found in the property records reviewed (King County Assessor).

2.2 CURRENT USE OF SUBJECT PROPERTY

The subject property, currently owned by American Life, consists two separate parcels. The first parcel, developed with the Industrial Transfer Warehouse, is a 89,990 square-foot lot located at the northeast corner of 6th Avenue South and Lander Street. The building contains 92,751 square-feet of interior floor space.

The building was constructed in four different sections. The first section of the building, located at the corner of 6th Avenue and Lander Street, was constructed in 1951. This

portion of the building has a tilt-up concrete frame and 23,058 square-feet of ground floor area (29,008 total). The second portion of the building, located at the north end of the property, along 6th Avenue South, was constructed in 1951, had a tilt-up concrete frame and 11,520 square-feet of floor space. The third section of the building was constructed over an old railroad spur located along the eastern portion of the property. This portion of the building was constructed in 1957-58 and had approximately 3,000 feet of ground floor area. The fourth and final section of the building was constructed in 1960-61, at which time two floors of offices were added to the building at the north end of the property (Washington State Archives).

The building is divided into five different warehouses. Warehouses A, B, C and D are located on the ground level, and warehouse M is located on the mezzanine level. The western portion of the building contains three stories of office spaces. Each warehouse has been subdivided into individual tenant lease areas with partition walls. The warehouse entrance is located along Lander Street, and a loading dock area is located just inside the warehouse entrance.

The second parcel, a 42,900 square-foot lot, is located to the east of the railroad tracks and adjacent to Lander Street. The property, which is paved, was being used for parking and for the storage of large steel piping. The property has a small storage shed located along Lander Street, which is enclosed by a chain link fence.

Mr. Ben Ives, President of Industrial Properties, and Mr. Bill Wilder of Evergreen Marketing provided the following information:

- The following companies provide subject property utilities:
 - Electricity: Seattle City Light
 - Natural Gas: Puget Sound Energy
 - Water: City of Seattle
 - Sewer: City of Seattle
- The warehouse spaces are not heated or cooled. Most of the three floors of offices are heated by hot water, which is heated by the building's new boiler. The new boiler, which is located near the center of the building on the ground floor, operates on natural gas but is also connected to at least one of two heating oil tanks located on the 6th Avenue (west) side of the building. The old boiler, which is currently not in use, is located in a subgrade area just north of the main steps leading into the west side of the building. The old boiler is also connected to at least one of the two heating oil tanks. One of the tanks contains approximately 500 gallons of heating oil #2, and the other is reportedly empty.
- The offices located at the northernmost portion of the building along 6th Avenue, are heated by a separate oil burner. This portion of the building (constructed in 1953 as a separate building) has heating oil stored in a small underground storage tank.

- Wastewater from the subject site originates from sinks and toilets. The stormwater runoff from the subject site flows either onto the street or into a stormdrain located along the east side of the building.
- Evidence of discharge sources was not observed at the subject property.
- Floor drains are located in the drive-in loading dock area in Warehouses A and D, and discharge to the municipal sewer system.
- The planned short-term use for the subject property is continued operation as a warehouse/office building.

2.3 CURRENT USES OF ADJOINING PROPERTIES

The area surrounding the subject property is primarily industrial. Adjoining properties were observed (from the subject property or from public access areas) for signs of recognized environmental conditions and their potential to pose an environmental concern to the subject property (Figure 2, *Figures Tab*). The uses and features of adjoining properties are described below.

North: System Transfer, Inc. warehouse and truck servicing facility, beyond which is Stacy Street

East: Directly east of the Industrial properties building is a set of railroad tracks, beyond which is the parking lot/storage area (also part of the subject property). To the east of the parking lot/storage area are two more sets of railroad tracks, and the North Coast Electric warehouse.

South: Lander Street runs along the south side of the subject property. At the southeast corner of 6th Avenue and Lander Street is Canal Street Boiler Works, a boiler manufacturing facility. Between Canal Street Boiler Works and the railroad tracks further east is the Industrial Communications office building. To the east of the railroad tracks and south of the parking lot/storage facility are two small buildings along Lander Street. One of the buildings, previously occupied by Central Painting Company, is now vacant, and the other building is occupied by a used building supplies distributor. A proposed land use sign posted near the buildings indicated that they are going to be demolished and a new building is going to be constructed.

At the southwest corner of 6th Avenue and Lander Street is a small building, which appeared to be in use as a parts/servicing facility. To the south of this building, along the west side of 6th Avenue, are Amick Metal Fabricators and Austin Mac, a machine, welding and fabrication shop. Along the east side of 6th Avenue, south of Canal Boiler works, were the Ingersoll Rand and ReSource warehouses.

West: Across 6th Avenue south are three buildings occupied by Washington Metallurgical Services. Between these buildings and Bayview Street further north is the Western Safety Products building. To the west of these buildings is a large rectangular building, which extends from Bayview Street at the north end to Lander Street at the south. This building is occupied by Dayton Superior, Inc., and Stack Steel. North of Bayview Street along 6th Avenue is the Industrial Plating facility, an electroplating and anodizing operation.

Adjoining properties which may present an environmental concern to the subject property are discussed in Section 4.0.

2.4 PHYSICAL SETTING

The subject property is located in the Puget Sound Lowland Physiographic Region of Washington. Upland terraces, rolling hills and troughs create north-south ridges that characterize the general area. Elliot Bay and Lake Union drain the downtown Seattle area into Puget Sound.

Elevations at and around the subject property are approximately five meters (USGS 1983).

Prior to 1900, the subject property and adjacent sites were part of the Elliott Bay Tidelands, a shallow swampy area. The tidelands were filled in during the early 1900's. Soils beneath the subject property are expected to consist of sandy silt to silty sand fill. The fill material is likely underlain by silty to clayey lacustrine deposits associated with the former tidal flat. The geologic unit underlying the site and vicinity is the Vashon Till, an extremely compacted glacial till of poorly sorted gravels, sands, silts and clays. The thickness of the Vashon Till beneath the subject property is unknown.

The regional shallow groundwater flow direction is inferred to be west, based on surface topography. However, topography is not always a reliable basis for predicting groundwater flow direction. The local gradient under the subject property may be influenced naturally by zones of higher or lower permeability, or artificially by nearby pumping or recharge, and may deviate from the regional trend. The groundwater depth is expected to be approximately nine feet below ground surface (bgs) (Columbia Environmental 1995).

3.0 HISTORICAL AND AGENCY REVIEW

3.1 AERIAL PHOTOGRAPHS

Aerial photographs, which include the subject and adjoining properties, were reviewed at Walker & Associates in Seattle, Washington. Photographs reviewed are summarized as follows:

Aerial Photograph No. 668; County: King; Date: 1936; scale: Not listed

- The subject property was undeveloped and vacant. Adjoining properties included:

North: Vacant, graded land

South: Canal Boiler Works building at the southeast corner of 6th Avenue and Lander Street; small square-shaped building at the southwest corner of 6th Avenue and Lander Street

East: Vacant, graded land (rail lines had not yet been constructed)

West: Vacant, graded land (6th Avenue South did not extend northward from Lander Street)

Aerial Photograph No. A46-46; County: King; Date: 1946; scale: Not listed

- The subject property was undeveloped and vacant. Adjoining properties included:

North: Vacant, graded land, beyond which were two small square-shaped buildings, one on either side of the north-south running rail lines

South: Canal Boiler Works building at the southeast corner of 6th Avenue and Lander Street; small square-shaped building at the southwest corner of 6th Avenue and Lander Street

East: Vacant, graded land (rail lines had been constructed)

West: Undeveloped and vacant (6th Avenue South now extended northward from Lander Street)

Aerial Photograph No. 4S-5; County: King; Date: 1956; scale: Not listed

- Two separate buildings were constructed on the subject property. The first, a large rectangular building, was located at the northeast corner of 6th Avenue and Lander Street. The other, a smaller rectangular building, was located on the northern portion of the subject property, along 6th Avenue. A railroad spur had been constructed which ran from the eastern side of the larger of the two buildings, and connected to the main rail lines located further east. Adjoining properties included:

North: A large warehouse building (same as current) had been constructed on the adjacent property to the north.

South: The adjoining properties to the south appeared similar to the 1946 photograph, except that a large rectangular building had been constructed to the east of the Canal Boiler Works building.

East: Properties to the east appeared similar to the 1946 photograph, except that a railroad spur had been constructed

West: Washington Metallurgical Services Building No. 1 and No. 3 had been constructed.

Aerial Photograph No. KC'60-21-24; County: King; Date: 6/23/60; scale: Not listed

- A large rectangular building had been constructed over the railroad spur located just east of the previously existing buildings at the subject property. The portion of the subject property on the east side of the railroad tracks was being used for truck parking. Adjoining properties appeared similar to the 1956 photograph, except that the Washington Metallurgical Services Building No. 2 had been constructed on the adjacent property to the west, across 6th Avenue.

Aerial Photograph No. KC'69 6-15; County: King; Date: 3/25/69; scale: Not listed

- The fourth and final segment of the current building at the subject property had been constructed. The building appeared similar to the present structure, except that the parking lot located on the third floor was uncovered. The adjoining properties appeared similar to the 1960 photograph.

Aerial Photograph No. 1-6-15; County: King; Date: 3/20/74; scale: Not listed

- The subject and adjoining properties appeared similar to the 1969 photograph, except that a different square-shaped building (same as present) had been constructed at the southwest corner of 6th Avenue and Lander Street.

Aerial Photograph No. 105-16; County: King; Date: 7/4/80; scale: Not listed

- The parking lot on the third floor of the subject property building was now covered. The on-site railroad spur along the eastern side of the building no longer appeared to be in use. The portion of the subject property to the east of the railroad tracks had been paved. The adjoining properties appeared similar to the 1974 photograph, except that a large warehouse-type building had been constructed to the north of the subject property, along the east side of the railroad tracks.

Aerial Photograph No. SKP 13-26; County: King; Date: 3/3/85; scale: Not listed

- The subject and adjoining properties appeared similar to the 1980 photograph.

Aerial Photograph No. 10-29; County: King; Date: 7/10/90; scale: 1":1,000'

- The subject and adjoining properties appeared similar to the 1985 photograph.

Aerial Photograph No. 5-12; County: King; Date: 9/22/95; scale: 1":2,000'

- The subject and adjoining properties appeared similar to the 1990 photograph.

Aerial Photograph No. 5-12; County: King; Date: 8/23/99; scale: 1":2,000'

- The subject and adjoining properties appeared similar to the 1995 photograph.

Adjoining properties which may present an environmental concern to the subject property are discussed in Section 4.0.

3.2 USGS TOPOGRAPHIC MAPS

Historic topographic maps for the subject property and vicinity were obtained from the EDR collection for the period 1894 - 1983. The maps depicted the following:

Quadrangle: Seattle Scale: 1:62,500 Series: 15 Minute

1894: The subject property was located in a tidal flat area which extended from the Duwamish River to the south to downtown Seattle on to the north.

1908: Portions of the tidal flat had been filled in and developed, but the subject and adjoining properties remained in a submerged area.

Quadrangle: Seattle South Scale: 1:24,000 Series: 7.5 Minute

1949: The entire tidal flat area, including the subject and adjoining properties, had been filled in. The subject property was vacant. Rail lines had been constructed directly east of the portion of subject property at the corner of 6th Avenue and Lander Street. The land to the east of the railroad tracks (including the subject property) was vacant. The Canal Boiler Works building had been constructed to the south of the subject property, at the southeast corner of 6th Avenue and Lander Street. At the southwest corner of 6th and Lander, a small square-shaped building had been constructed. The property to the west of the subject property, across 6th Avenue, was vacant.

1968: The subject property had been developed with the current building. Each of adjoining properties were developed with what appeared to be the buildings currently present, except for the large warehouse to the east of the subject property.

1973: No significant changes were noted in the 1973 map, except that the large warehouse building had been constructed to the east of the subject property.

1983: No significant changes were noted in the 1983 map.

Adjoining properties which may present an environmental concern to the subject property are discussed in Section 4.0.

3.3 FIRE INSURANCE MAPS

Fire insurance maps that include the subject and adjoining properties were obtained from EDR for the period 1916 to 1969. The maps depicted the following:

- 1916: A small rectangular building, which contained a vinegar and sausage factory, was present at the subject property, along 6th Avenue, which was at that time a wooden viaduct. To the east of the building were two large vinegar storage tanks. The adjoining properties to the north, east and west were vacant. The property further north was developed with several structures that were all part of the Seattle Union Stock Yard. The property at the southeast corner of 6th Avenue and Lander Street was developed with a large square-shaped building, which was occupied by Union Machinery & Supply Company. The building contained a machine shop and a storage area. Three small buildings were also located to the east of the Union Machinery & Supply building.
- 1950: The subject and adjoining property to the north were vacant. The building at the southeast corner of 6th Avenue and Lander Street was being occupied by a boiler shop. The property on the south side of Lander Street and east of 7th Avenue South was being used as a fuel yard. A square-shaped building, which was occupied by an auto repair facility, was present at the southwest corner of 6th Avenue and Lander Street, and a small restaurant was located near the northwest corner of the intersection. Further north, along the west side of 6th Avenue, was a small machine shop. Still further north, at the southwest corner of Bayview Street and 6th Avenue was the Fruenhaus Trailer Company, a trailer manufacturing and service facility.
- 1969: The subject property was developed with the current building. The northern portion of the building was in use as a masonite wallboard warehouse. Except for offices located in the northwest and southwest corner of the building, and a small equipment repair facility in the southeast corner, the building was in use as a general warehouse. A large sugar silo was located near the northeast corner of the building. The eastern portion of the building covered two different sets of railroad tracks. Another set of tracks was located to the east of the building, and the property adjacent to the tracks to the east (part of the subject property) was vacant.

The property on the south side of Lander and east of 7th Avenue was developed with what appeared to be three separate buildings: a pipe yard/farm supplies warehouse, a chemical warehouse and a fiberglass moulding facility. The property to the south of the boiler shop at the southeast corner of 6th and Lander was developed with a parking lot, further south of which was the Beebe Brothers saw and steel hoist manufacturing facility and Northwest Wire Works, a manufacturer of fabricated wire products. The property along 6th Avenue to the west of the subject property was developed with a small restaurant (same as in 1950), further north of which were a pipe warehouse, a sheet steel warehouse, a concrete forms warehouse, a plastics warehouse, and a metallic tubing warehouse.

The property further north, across Bayview Street, was developed with a large electroplating facility. The adjacent property to the north was developed with a general warehouse and a small truck servicing facility.

No readily apparent evidence of recognized environmental conditions at the subject or adjoining properties was noted on the fire insurance maps reviewed, except the following:

- A fuel storage yard located adjacent to the subject property to the south, was depicted on the 1950 map. Other properties that may pose an environmental concern to the subject property are discussed in Section 4.0.

3.4 CITY DIRECTORIES

Polk City Directories that include the subject and adjoining properties were reviewed at the Seattle Public Library. Historical city directories were reviewed for the period between 1943 and 1996. A summary of the listings for the subject and adjoining properties is shown below.

Year	Subject Property	Adjoining Properties
1943-44	Not listed	<u>6th Avenue South</u> 2437 - Fairbanks Drill Company 2465 - Toscan Herman (used boxes) 2702 - Canal Boiler Works, Seattle Ice Machine Co. 2710 - Wright & Smith Machine Works (manufacturing) 2715 - Panama Machinery & Equipment (warehouse) 2724 - Beebe Brothers (machinery dealer) 2727 - Amick Sheet Metal 2739 - Clough Equipment Service <u>Lander Street</u> No listings
1954	Industrial Transfer and Storage, Ball Brothers Inc (agency)	<u>6th Avenue South</u> 2411 - Fruenhaus Trailer Co (manufacturing) 2425 - US Flexible Metal Tubing 2431 - Lawrence 2440 - Raybestos-Manhattan (rubber goods wholesale) 2447 - Western Oxygen (broker) 2453 - Coulter Steel (broker) 2460 - Kelley Clarke, Carsten's Food Packing 2702 - Canal Boiler Works, Seattle Ice Machine Company 2715 - Panama Machine & Equipment (dealer) 2724 - Beebe Brothers (machine manufacturing)

Year	Subject Property	Adjoining Properties
	<p>* <i>Note:</i> The side entrance for Industrial Transfer & Storage was listed at 700 Lander Street</p>	<p>2727 – Amick Steel 2739 – Clough Equipment Services (truck equipment manufacturing) 2752 – Northwest Wire Works <u>Lander Street</u> 500 – Stack Steel 555 – Engineering Research 560 – Bungalow Café 625 – Mill & Mine Supply (logging supplies)</p>
1959	<p>Gavin Neil Co (food broker), Goetz Brothers (food brokers), Industrial Transfer & Storage, Industrial Warehouse Co, Carl F. Miller Co, Raybestos-Manhattan (packing materials)</p>	<p><u>6th Avenue South</u> 2425 – US Flexible Metal Tubing 2431 – Lawrence Machine and Manufacturing 2437 – Stock Steel & Supply (warehouse) 2440 – Marsh Wall Products 2447 – General Dynamics Corp (oxygen gas producer) 2460 – Kelley Clarke (canned salmon) 2702 – Canal Boiler Works, Greene Electric Furnace Co. 2715 – Colter Steel & Forge Co. 2724 – Beebe Brothers (machine manufacturing) 2727 – Amick Steel 2739 – Clough Equipment Services (truck equipment manufacturing) 2752 – Northwest Wire Works <u>Lander Street</u> 500 – Stack Steel 505 – Mill & Mine Supply (logging supplies) 555 – General Tire (shop and plant) 560 – Bungalow Café 625 – Polson</p>
1968	<p>Similar to 1974 (see below)</p>	<p><u>6th Avenue South</u> 2400 – System Terminals Building (offices and warehouse) 2411 – Industrial Plating (metal finishers) 2425 – US Flexible Metal Tubing 2427 – Cadillac 2437 – Symons Manufacturing Company (concrete mold sales) 2439 – Stack Steel (warehouse) 2440 – Marlite (building supplies) 2447 – Aero-go (air cushioning devices manufacturing)</p>

Year	Subject Property	Adjoining Properties
		<p>2453 – Buchanan Fluid Systems (manufacturer's rep); Tridel Inc. (hydraulic equipment manufacturer)</p> <p>2460 – Kelley Clarke Co; Wilbur Ellis Co (importer/exporter)</p> <p>2702 – Canal Boiler Works</p> <p>2708 – Polson (storage)</p> <p>2715 – Amco Corp (copper coil manufacturers)</p> <p>2724 – Beebe Brothers (machine manufacturing)</p> <p>2727 – Amick Steel</p> <p>2739 – Alliance Machinery (steel fabrication and machine shop)</p> <p>2752 – Northwest Wire Works</p> <p><u>Lander Street</u></p> <p>500 – Stack Steel</p> <p>505 – Cragin & Co (industrial supplies)</p> <p>555 – All State Truck Tires (sales and service)</p> <p>560 – Bungalow Café</p> <p>625 – Polson (garden equipment wholesale)</p> <p>701 – Seven-O-Seven (restaurant)</p> <p>707 – Seattle Appliance Repair, Seattle Refinishers</p>
1974	<p>Offices similar to 1985 (see below); US Pipe & Foundry Co, Carl F Miller (industrial equipment and supply), Kelley-Clarke (food broker), ALM Plastics Co. (plastic forms manufacturing), Norton BW Manufacturing Co (industrial warehouse)</p>	<p><u>6th Avenue South</u></p> <p>2400 – System Terminals Building (offices and warehouse)</p> <p>2411 – Industrial Plating (metal finishers)</p> <p>2425 – US Flexible Metal Tubing</p> <p>2427 – Cadillac</p> <p>2437 – Bayside Disposal (garbage hauling)</p> <p>2439 – Stack Steel (warehouse)</p> <p>2440 – Marlite (building supplies)</p> <p>2453 – Stack Steel (heat treating plant)</p> <p>2460 – Kelley Clarke Co.</p> <p>2702 – Canal Boiler Works, Greene Electric Furnace Co.</p> <p>2715 – Colter Steel & Forge Co.</p> <p>2724 – Beebe Brothers (machine manufacturing)</p> <p>2727 – Amick Steel</p> <p>2739 – Clough Equipment Services (truck equipment manufacturing)</p> <p>2752 – Northwest Wire Works</p> <p><u>Lander Street</u></p> <p>500 – Stack Steel (steel distributor)</p> <p>505 – International Sales Corp (equipment supplies)</p>

Year	Subject Property	Adjoining Properties
		555 – Friction Services (auto parts manufacturing) 625 – Polson (garden equipment wholesale) 717 – Thermal Supply Co (HVAC)
1980	Similar to 1974	<u>6th Avenue South</u> 2400 – System Terminals Building (offices and warehouse) 2411 – Industrial Plating (metal finishers) 2425 – US Flexible Metal Tubing 2427 – Cadillac 2439 – Stack Steel (warehouse) 2453 – Stack Steel (heat treating plant) 2460 – Kelley Clarke Co. 2702 – Canal Boiler Works, Greene Electric Furnace Co. 2704 – Beebe Brothers (machine manufacturing) 2715 – Colter Steel & Forge Co. 2718 – Beebe Brothers (metal shop) 2727 – Amick Steel 2739 – Austin-Mac Inc (steel fabricator) 2752 – Northwest Wire Works 2757 – Pratt Electrical Supply (wholesale) <u>Lander Street</u> 500 – Stack Steel (steel distributor) 505 – KDC Inc 555 – Friction Services (auto parts manufacturing) 625 – Polson (garden equipment wholesale)
1985	Intex, Industrial Transfer & Storage, Industrial Truck Leasing, Industrial Warehouse Co, Several Office Tenants, similar to 1994 (see below)	<u>6th Avenue South</u> 2400 – System Terminals Building (offices and warehouse) 2411 – Industrial Plating (metal finishers) 2425 – US Flexible Metal Tubing 2427 – Cadillac 2439 – Stack Steel (warehouse) 2453 – Stack Steel (heat treating plant) 2460 – Kelley Clarke Co. 2702 – Canal Boiler Works, Greene Electric Furnace Co. 2704 – Beebe Brothers (machine manufacturing) 2715 – Colter Steel & Forge Co. 2718 – Beebe Brothers (metal shop) 2727 – Amick Steel 2739 – Austin-Mac Inc (steel fabricator) 2752 – Northwest Wire Works 2757 – Pratt Electrical Supply (wholesale)

Year	Subject Property	Adjoining Properties
		<u>Lander Street</u> 500 – Metallic Engineering (steel fabricators), RCR Corp, Lovsted Manufacturing Inc 505 – Puget Sound Electric Supply Inc 555 – Kitchen J Webb (auto parts), Friction Services (auto parts manufacturing) 570 – Stack Steel (metal plant) 625 – Contract Fixtures Inc (manufacturing)
1994	Northwest Casualty Claims Service, Industrial Transfer & Storage Co, Brokers Warehouse, Industrial Warehouse Co, Farwest Taxi (dispatcher), Norton Containers, Johnson Co, Pacific Northwest Bus Products, Farwest Taxi, Seattle Farwest Service Corp, Pacific Traffic Bureau, OLT Smith, Sanwa Trading, Bestwa Refridgerated Systems (trucking), Inntex Inc (investments), Marine Digest, Ingersoll Rand (hoist and winch manufacturing), Seattle American Postal Workers	<u>6th Avenue South</u> 2427 – Pacord Inc 2437 – Factx Group Inc (solid surface products) 2440 – Vacant 2447 – Stack Heat Treaters 2702 – Canal Boiler Works, Greene Electric Furnace Co. 2704 – Ingersoll Rand (warehouse) 2715 – Colter Steel & Forge Co. 2718 – Beebe Brothers (metal shop) 2727 – Arnick Steel 2739 – Austin-Mac Inc (steel fabricator) 2752 – Northwest Wire Works 2757 – Pratt Electrical Supply (wholesale) <u>Lander Street</u> 500 – Office Building 505 – Automotive Service Company (sales) 555 – KA Houde Electrical, Friction Services 625 – Office Building
1996	Farwest Service Corp, Industrial Transfer and Storage, Intex, Inc, Johnson Co, King County Dispatcher, Northwest Casualty Claims Service, Northwest Merchant Marine, Norton Containers, Pacific Northwest Business, Pacific Traffic Bureau, RH Smith, Sanwa Trading Co, Seattle American Postal Workers, Seattle Farwest Services, Seattle Training Specialists, Windsor & Hatten Investigation, Woodruff Associates	<u>6th Avenue South</u> 2400 – Chem Ray, Inc, Cordano Chemical, Cwiklik & Associates, Eureka Co, Fire Sign Porcelain Enamel, Macintosh Drug User Group, Northwest Seafood Technical, Pacific Rim Services, System Transfer and Storage, Valley Trucking Co 2411 – Industrial Plating (metal finishers) 2425 – Stewart Co. 2427 – Avant Garde LLC, Masons Supply Co 2437 – Ederier Investment Co. 2453 – Stack Steel (heat treating plant) 2460 – Kelley Clarke Co. 2702 – Canal Boiler Works, Greene Electric Furnace Co. 2727 – Arnick Steel 2739 – Austin-Mac Inc (steel fabricator) 2752 – Northwest Wire Works 2757 – Pratt Electrical Supply (wholesale)

Year	Subject Property	Adjoining Properties
		<u>Lander Street</u> 500 – Office Building 505 – Automotive Service Company (sales) 555 – KA Houde Electrical, Friction Services. 625 – Office Building

Sites that may pose an environmental concern to the subject property are discussed in Section 4.0.

3.5 PRIOR OWNERSHIP

According to the King County Department of Assessments, American Life is the registered taxpayer on both of the parcels that comprise the subject property. The Assessor's Office had no records of environmental liens associated with the subject property. According to Mr. Ben Ives, Industrial Properties has maintained ownership of the subject property (at least the portion located to the west of the railroad tracks) since at least the early 1950s. At present, American Life, who leases the building from Industrial Properties, leases the building to Evergreen Marketing, who in turn leases individual tenant spaces.

3.6 AGENCY CONTACTS

3.6.1 Building, Planning, and/or Zoning Departments

The King County Department of Design, Construction and Land Use was contacted on August 16, 2001 to obtain historical use information for the subject property. Permits on file are summarized as follows:

- **1957:** Certificate of Occupancy, temporary Christmas tree lot
- **1957:** Alter existing building
- **6/20/57:** Construct warehouse (620-28 Lander Street)
- **2/10/58:** Install 2,000-gallon UST under Lander Street, 269 feet from the corner of Lander Street and 6th Avenue South
- **11/10/60:** Construct a building (area separation) and construct second and third story addition to existing building; alter existing building
- **2/22/74:** Install a 10,000-gallon underground fuel storage tank
- **2/16/77:** Replace 50 incandescent lighting fixtures with high pressure sodium fixtures

- 12/19/77: Wiring for propane pump
- 11/18/79: Construct steel canopy over existing parking bay
- 1/8/80: Install automatic boiler
- 10/17/88: Install boiler
- 6/23/93: Install new burner
- 5/24/00: Install hydraulic elevator on 1st Floor Landing
- 9/29/00: Install partitions
- 11/13/00: Install heating/cooling equipment on first floor of warehouse; refrigeration permit

The following evidence of recognized environmental conditions was identified in the property records reviewed:

- A 2,000-gallon UST was installed under Lander Street in 1958, and a 10,000 gallon fuel UST was installed at the subject property in 1974. Additional information regarding USTs is provided in Section 5.5.1.

3.6.2 Fire Department

The Seattle Fire Department was contacted on August 27, 2001 to obtain information regarding any fires, complaints, permits, or violations involving hazardous material use, USTs, or ASTs on record for the subject and/or adjoining properties. According to Ms. Tracy Phipps, the fire department does not have files on record for the subject property, nor do they have knowledge of recognized environmental conditions in connection with the subject or adjoining properties.

3.6.3 Departments of Health/Environmental Services

The King County Department of Environmental Health was contacted on August 21, 2001 to obtain information regarding environmental concerns or violations at the subject property. As of the date of this report, Clayton has not received a response from the Department of Environmental Health. If later findings change the conclusions and recommendations in this report, Clayton will forward an addendum letter to LJ Melody.

3.6.4 Other Agency Records

Historical property tax records were reviewed at the Puget Sound Branch of the Washington State Archives in Bellevue, Washington on August 27, 2001. Information obtained from the review of tax records is provided in Section 2.2 of this report.

3.7 PREVIOUS ENVIRONMENTAL REPORTS

No previous reports were available for review during this assessment.

3.8 SUMMARY OF HISTORICAL REVIEW

The historical research presented in this section has established the use of the subject property since 1894.

The subject property is located in a former tidal flat area, which extended from the Duwamish River to the south to downtown Seattle to the north. The portion of the tidal flat which included the subject and adjoining properties was filled in sometime between 1908 and 1916. In 1916, the subject property was developed with a small sausage and vinegar factory near the northeast corner of 6th Avenue and Lander Street. The current building was constructed in four different sections between the years 1951 and 1961. Adjoining properties were developed for industrial purposes as early as 1916.

4.0 STANDARD ENVIRONMENTAL RECORD SOURCES, FEDERAL, STATE, AND LOCAL

Available government database information prepared by EDR was reviewed to evaluate both the subject property and any listed sites within ASTM-recommended search distances, which could potentially impact the subject property. Federal, state, and local databases reviewed are included in Appendix D. No environmental cleanup liens appear to be on record.

The subject property was listed in the Underground Storage Tank (UST) and Resource Conservation and Recovery Act (RCRA)-Small Quantity Generator Databases. Information provided in the EDR report indicated that four USTs have been registered at the subject property. Three of the tanks were installed in 1973, and the other was installed in 1964. Three of the tanks contained leaded gasoline. The contents of the fourth tank were not specified. Underground storage tanks at the subject property are discussed in detail in Section 5.5.1. Ecology had no information on file regarding the RCRA listing.

149 sites were identified within the specified search distances from the subject property, as follows:

- CERCLIS-NFRAP – 3 sites
- CORRACTS – 1 site
- RCRIS Large Quantity Generator – 2 sites
- RCRIS Small Quantity Generator – 22 sites

- CSCSL – 26 sites
- LUST – 37 sites
- UST – 19 sites
- WA ICR – 39 sites

The following sites that may pose an environmental concern to the subject property were evaluated in more detail:

- Friction Services, located at 555 South Lander Street, was listed in the RCRIS-Small Quantity Generator, FINDS, Underground Storage Tank (UST), and Leaking Underground Storage Tank (LUST) databases. The Friction Services property, located at the southwest corner of Lander Street and 6th Avenue South, is adjacent to and crossgradient of the subject property.

According to a February 1994 Department of Ecology Notice of Confirmed Release report, a heating oil tank located on the property was found to be leaking diesel-type oil. The tank was removed in 1993, during which time 160 tons of soil were removed. During the excavation, free product was observed floating on the water table. A groundwater monitoring well was to be installed at the property.

Department of Ecology files did not indicate whether cleanup of the site had been completed, or if the groundwater monitoring well had been installed. Although the Friction Services property is most likely either downgradient or crossgradient from the subject property, due to its proximity, it is possible that contaminated groundwater from the site may have migrated to the subject property.

- Lee and Estes Tank Lines, located at 2418 Airport Way South, was listed in the CERCLIS-NFRAP, UST, LUST, and CSCSL NFA databases. The property is between 1/8- and 1/4-mile east-northeast and upgradient/crossgradient of the subject property.

Three 4,000-gallon diesel USTs and one 2,000-gallon USTs with unknown contents were removed in 1995. Total petroleum hydrocarbons (as diesel) were detected in soil at levels exceeding MTCA cleanup levels. During the tank excavations, groundwater was encountered at approximately nine feet below ground surface. Free product was observed floating on the water table. The site was partially cleaned up, but some of the contaminated soil and groundwater was left in place (Columbia Environmental 1995).

In addition, the property adjacent to 2418 Airport Way to the south was formerly operated as a retail gas station. A subsurface investigation conducted at the site revealed concentrations of TPH and benzene in groundwater that were above MTCA cleanup levels (Environmental Associates 1992).

Because these two sites are located within 1/4-mile and are potentially upgradient of the subject property, it is possible that contaminated groundwater from the sites may have migrated to the subject property. Site files reviewed by Clayton at the Department of Ecology did not indicate that either of these cases has been closed. However, the EDR report indicated that a 'No Further Action' determination has been issued by Ecology for 2418 Airport Way.

- Seattle Water Operations/Seattle Public Utilities, located at 2700 Airport Way South, was listed in the CERCLIS-NFRAP and WA NFA databases. The site is located between 1/8- and 1/4-mile east and upgradient of the subject property.

Four USTs (one 5,000 gallon unleaded gasoline, one 2,500 gallon diesel, one 500 gallon waste oil and one 500 gallon motor oil) were removed from the property in 1997. Sampling conducted simultaneously with the tank removals revealed concentrations of gasoline and oil range hydrocarbons above MTCA cleanup levels. Contaminated soils were removed to an offsite recycler, as were 3,700 gallons of contaminated groundwater.

Due to the fact that the site has been cleaned up and a determination of 'No Further Action' has been issued by Ecology, it does not appear that this site should pose an environmental concern to the subject property.

- Industrial Plating Corp, located at 2411 Sixth Avenue South, was listed in the RCRIS-Large Quantity Generator, CSCSL and CERCLIS-NFRAP databases. The site is located less than 1/8-mile to the north and crossgradient of the subject property.

The Industrial Plating Corp. site contains a large electroplating and anodizing operation. The facility uses a variety of heavy metals, solvents and acids in its processes. A discharge permit was issued to the facility by METRO for process waste water discharge.

A site visit by Seattle and King County Public Health personnel on August 1999 indicated that there were no visible signs of gross contamination. A soil sampling event conducted by Public Health in December of 1999 revealed concentrations of cadmium, chromium and lead at levels exceeding MTCA cleanup levels. The highest concentrations (360 ppm for cadmium, 3,500 ppm for chromium and 2,700 ppm for lead) were obtained from a drainage area on the west side of the property. This area is essentially an unlined ditch which is used to collect storm water runoff from the parking area at the property. No groundwater sampling was conducted by Public Health.

Because soil concentrations in the drainage ditch exceeded MTCA cleanup levels, and because groundwater has been measured in the area at depths as shallow as nine feet below ground surface, it is possible that groundwater has been impacted by heavy metal contamination from the Industrial Plating facility. Although the subject property is most likely located crossgradient from the Industrial Plating facility, due to

it's proximity, it is possible that an impact to the subject property may have occurred.

The other listed sites are not expected to present an environmental concern to the subject property because they only hold an operating permit (which does not imply a problem), require no further action, or based upon Clayton's review, are too distant and/or topographically downgradient or crossgradient relative to the subject property to reasonably affect it.

Unmappable sites cannot be plotted with confidence, but can be located by zip code or city name. In general, a site cannot be geocoded due to inaccurate or missing information in the environmental database record provided by its applicable agency. Cross referencing addresses and site names, as well as a visual reconnaissance of surrounding properties, has been completed for the unmappable facility sites. The subject and adjacent properties were not identified on the unmappable sites listing in the environmental database report. No unmappable sites were identified with the potential to impact the subject property.

5.0 SITE RECONNAISSANCE AND INTERVIEWS

5.1 METHODOLOGY AND LIMITATIONS

The subject property and surrounding area was inspected on foot. Only publicly accessible spaces were inspected, as access to individual tenant lease areas (including offices and warehouses) was not provided.

5.2 GENERAL OBSERVATIONS

At the time of the walkthrough, the areas associated with the subject property appeared to be fairly well maintained and in reasonably good condition. It appeared that most of the occupied warehouse spaces were being used for general storage purposes. A small area on the east side of the building, occupied by Pameco Corporation, was in use as an industrial supply retail outlet. Another small area on the east side of the building was in use as a steel sculpture shop. Many of the individual warehouse spaces were vacant, and the three floors of office spaces were occupied by a several different tenants, similar to those listed in the 1996 Polk City Directory (see Section 3.4). A small parking area was located between the west side of the building and 6th Avenue. Loading docks were located on the south and east sides of the building, and another loading dock was located inside Warehouse A, with an entrance on Lander Street. Large bay doors were located on the north and south sides of the building.

Summarized below is the site inspection and findings overview. All items that are, or are known to have been present at the subject property are noted in the table. The table also notes items that may present concerns to the subject property. Additional information about items noted can be found in the referenced section of this report.

Onsite Environmental Features	Currently/ Historically Present (Y/N)	Possible Environmental Condition (Y/N)	Report Section
Hazardous Substances or Petroleum Products	Y	Y	5.5
Underground Storage Tanks	Y	Y	5.5.1
Aboveground Storage Tanks	Y	N	5.5.2
Odors	N		
Air Emissions (stacks, hoods, other point sources)	N		
Pools of Liquid	N		
Drums	N		
Unidentified Substance Containers	N		
Electrical Equipment/Possible PCBs	Y	N	5.7
Hydraulic Equipment/Possible PCBs	Y	N	5.7
Stains or Corrosion	Y	N	5.5.1
Drains	Y	N	2.2
Sumps	N		
Pits, Ponds, or Lagoons	N		
Stained Soil or Pavement	Y	Y	5.5.1
Stressed Vegetation	N		
Evidence of Spills or Releases	N		
Artificially Filled Areas (Solid Waste Disposal)	Y	Y	5.6
Waste Water	N		
Wells	N		
Septic Systems	N		
Dry Cleaning Operations	N		
Agricultural Use (Pesticides/herbicides)	N		
Oil/Gas Production or Exploration	N		
Railroad Spur	Y	N	3.0
Remedial Activities	N		

5.3 INTERVIEWS

Subsequent to the time of the site inspection, Mr. Ben Ives, President of Industrial Properties, and Mr. Bill Wilder of Evergreen Marketing provided information about the subject property. The subject property has been owned by the Ives family since at least the early 1950s, so Mr. Ives was able to provide historical information pertaining to construction dates, past uses, and storage tanks. Mr. Bill Wilder provided information regarding asbestos-containing materials, storage tanks and current uses of the property.

5.4 HAZARDOUS MATERIAL AND WASTE

The subject property was assessed for signs of storage, use, or disposal of hazardous materials. The assessment consisted of noting evidence (e.g., drums, unusual vegetation patterns, staining) indicating that hazardous materials are currently or were previously located on the subject property.

Potentially hazardous materials were observed at the subject property including:

- Compressed gases used for welding in a small metal sculpture shop located on the eastern side of the building
- Petroleum heating oil, stored in at least two underground storage tanks (discussed in Section 5.5.1)
- Propane, stored in an aboveground storage tank located on the portion of the subject property to the east of the railroad tracks (discussed in Section 5.5.2)

5.5 STORAGE TANKS

5.5.1 Underground Storage Tanks

The subject property was inspected for evidence of underground storage tanks (USTs) (e.g., vent piping, dispensing equipment, pavement variations).

The subject property currently has at least three underground storage tanks located on the premises. Two of the tanks are located near the loading dock area on the west side of the building. The sizes of the tanks are unknown. One of the tanks is reportedly empty, and the other contains approximately 500 gallons of heating oil #2. Fill pipes were observed near the loading dock area, and just to the south of the fill pipes was a suspect vent pipe, which was surrounded by corroded concrete (see Photos, *Photos tab*). Another small (between 50 and 100 gallons) underground heating oil tank is located in the northwest corner of the property. These tanks were reportedly installed in the early to mid 1950s.

The facility formerly had a 10,000-gallon diesel oil UST, and two 1,000-gallon gasoline USTs located on the portion of the subject property to the east of the railroad tracks. These tanks were reportedly removed in 1994. Tank closure documentation, reviewed at the Department of Ecology and included in Appendix E, indicated that the USTs had not released petroleum product to the subsurface (O'Sullivan Omega 1994).

A review of historical building permits indicated that Industrial Properties had a 2,000-gallon gasoline UST installed under Lander Street, 269 feet east of 6th Avenue. According to Mr. Ben Ives, the tank was decommissioned sometime in the mid to late 1960s. Prior to the widening of Lander Street, the City of Seattle had the tank tightness tested and determined that it was not leaking. The tank was filled with a concrete slurry and left in place.

5.5.2 Aboveground Storage Tanks

The facility currently has an approximately 250-gallon propane AST located near the small building on the portion of the subject property to the east of the railroad tracks. The tank is located in an area enclosed by a chain-link fence. No evidence of spills or leaks was noted.

A large silo is located near the northeast corner of the building. According to Mr. Ben Ives, the silo was formerly used to store syrup and is currently empty.

5.6 INDICATIONS OF SOLID WASTE DISPOSAL OR ARTIFICIAL FILL

Currently, nonhazardous solid waste is generated onsite. Waste is in the form of general refuse (e.g., paper, household trash) that is disposed of in two dumpsters located adjacent to the northeast corner of the building. The waste is collected and transported to an offsite disposal facility on a regular basis.

The subject property is located in a former tidal flat area, which extended from the Duwamish River to the south to downtown Seattle to the north. The portion of the tidal flat which included the subject and adjoining properties was filled in sometime between the years 1908 and 1916. The origins of the fill material used on the subject and adjoining properties is unknown. The only way to determine the makeup of the fill material would be to have it sampled and analyzed.

5.7 INDICATIONS OF POLYCHLORINATED BIPHENYLS (PCBS)

The subject property was inspected for the presence of liquid-cooled electrical units (transformers, light ballasts, and capacitors), and major sources of hydraulic fluid (elevators and lifts). Such units are notable because they may be potential PCB sources.

Five unlabeled pole-mounted transformers were observed on two poles located along Sixth Avenue. The transformers are owned by Seattle City Light. No evidence of dielectric fluid spills were observed around the transformers.

According to Mr. Bill Wilder, the subject property has two electrical transformers located within the building. The transformers are located on raised platforms, one in Warehouse A and the other in Warehouse B. No leaks of coolant have been noted by Evergreen Marketing since they began leasing the property in February of 2000. Access to the transformers was not provided during this assessment.

All unlabeled transformers are considered (Federal Regulation 40 CFR 761.40) to be PCB-contaminated (i.e., containing between 50 and 500 ppm PCB). Federal Regulations (40 CFR 761. Subpart G) require any release of material containing greater than 50 ppm PCB and occurring after May 4, 1987, be cleaned up by the Owner following the United States Environmental Protection Agency's (USEPA) PCB spill cleanup policy.

The subject property also has a hydraulic elevator which is located in Warehouse A. According to Mr. Bill Wilder of Evergreen Marketing, no external leaks of hydraulic fluid have been observed from the elevator. Access to the elevator machine was not provided. The elevator is serviced by Vertical Transportation Services.

5.8 WELLS

Evidence of wells (supply, monitoring, or dry well) was not observed during the assessment. According to EDR, there are no records of active, inactive, destroyed wells, or dry wells at the subject property.

6.0 NON-ASTM ISSUES

6.1 ASBESTOS-CONTAINING MATERIALS

According to Mr. Bill Wilder, approximately one year ago, several samples of pipe insulation were taken from throughout the building and analyzed for asbestos content. Insulation that was found to be asbestos-containing was encapsulated with a palm-grade bridging compound by Partners Construction.

During this assessment, the subject property was inspected for the presence of suspect asbestos-containing materials (ACM) such as ceiling and roofing materials, and presumed asbestos-containing materials (PACM) as defined by OSHA (29 CFR 1926.1101); which includes thermal system insulation and surfacing material, if building construction was prior to 1981. Asphalt and vinyl flooring material installed no later than 1980 must also be considered asbestos-containing unless proven otherwise.

The inspection consisted of noting observable materials (i.e., materials that are readily accessible and visible without dismantling elements of the structure, such as carpet, wallboard, or ceiling panels) which may contain asbestos, or are, by definition, presumed asbestos containing. The inspection was not intended to disclose all possible sources of suspect ACM or PACM; rather, it was designed to assess the presence of suspect ACM and PACM in the most significant (because of the quantity present, condition, and/or ease of accessibility) sources observed at the property. Suspect ACM and PACM observed at the subject property includes the following:

SUSPECT ACM AND PACM

Location	Suspect ACM and PACM	Friable/ Non-Friable	Condition
Northwest corner of Warehouse C, and other areas throughout Warehouse C	Pipe insulation (run and elbows)	Friable	Encapsulated
Office areas (all three floors)	Ceiling tile	Non-friable	Good
Bathrooms in office area	Sheet vinyl	Non-friable	Good

Physical sampling and analysis of suspect ACM or PACM was not conducted during the assessment.

By rule, the hazard communication requirements of OSHA 29 CFR 1926.1101 must be implemented for identified ACM and PACM. An Operations and Maintenance Program is recommended to implement these requirements. This is required for PACM, as well as asphalt and vinyl flooring installed before 1981, unless an asbestos inspection, complying with 40 CFR Part 763, Subpart E (AHERA), confirms that ACM is not present.

Prior to any activities (i.e., repair, renovation, demolition) which may disturb suspect ACM or PACM, these and similar materials should be sampled and analyzed for possible asbestos content. If these materials are found to contain asbestos, the building owner or leased space tenant may be required to comply with applicable USEPA, OSHA, NESHAPS, and state and local regulations.

6.2 RADON

Radon is a naturally occurring radioactive gas formed by the decay of uranium in bedrock and soil. The potential adverse health effects associated with radon gas depend on various factors, such as the concentration of the gas and duration of exposure. The concentration of radon gas in a building depends on subsurface soil conditions, the integrity of the building's foundation, and the building's ventilation system.

King County is located in Zone 3, according to the USEPA Map of Radon Zones. Zone 3 has predicted average screening concentrations of less than 2 picoCuries of radon per liter of air (pCi/L). The USEPA action level is 4.0 pCi/L.

No further investigation of radon is recommended since the subject property is not in a high radon area.

6.3 LEAD-BASED PAINT

Lead-based paint was commonly used for corrosion protection in the 1960s, and in prime, intermediate, and finish coats well into the 1970s. Regulations specifically addressing lead-based paint include Housing and Urban Development (HUD) (1995) guidelines and the Consumer Product Safety Act (1977). These regulations define lead-based paint as containing 0.5% lead by weight (5,000 ppm), and 0.06% lead by weight (600 ppm), respectively, for housing and consumer products. There is no industrial definition. There are specific testing methods for sampling and analyzing lead in paint.

Because the subject building was built prior to 1978, lead-based paint could be an issue at this site. Sampling should be conducted to determine the presence or absence of lead-based paint.

6.4 SENSITIVE ECOLOGICAL AREAS

The subject property was inspected for the presence of sensitive ecological areas by noting environmental indicators (e.g., wetlands vegetation, floodplains) located on or immediately adjoining the subject property.

No sensitive ecological areas were observed on the subject property. The USGS 7.5x15-Minute Topographic Map Seattle South, which includes the subject and adjoining properties, does not depict creeks or delineated wetlands located on the subject or adjoining properties. A United States Fish and Wildlife Service (USFWS) National Wetland Map was available for review.

According to Seattle Department of Design, Construction, and Land Use maps, the subject and adjoining properties are not located in a flood hazard zone.

6.5 DRINKING WATER

Drinking water is supplied to the subject property by the City of Seattle. The drinking water supply for the South Seattle area originates from a diversion of the Cedar River. The Cedar River water supply was last tested in May of 2000, at which time no compounds were detected above allowable levels (Seattle Public Utilities 2000).

7.0 FINDINGS, OPINIONS, CONCLUSIONS, AND RECOMMENDATIONS

We have performed a Phase I Environmental Site Assessment in conformance with the guidelines of ASTM Practice E-1527 of the Industrial Properties warehouse and storage yard, 2450 6th Avenue South, Seattle, Washington, the subject property. Any exceptions to or deletions from this practice are described in Sections 1.2 and 1.3.

This assessment has revealed no evidence of *recognized environmental conditions*, as defined by ASTM, in connection with the property, except for the following:

- The subject property currently has at least three underground storage tanks located on the premises. The USTs were reportedly installed in the early to mid 1950s and are most likely of single-walled steel construction. Tanks of this type typically last at most 20 years. Due to the age of the USTs, and the fact that they have apparently never been tightness tested, it is possible that leakage has occurred from either the USTs, or from the product lines.

Clayton recommends that a subsurface investigation be conducted in the area of the USTs and product lines in order to determine if leakage to has occurred.

- Friction Services, located at 555 South Lander Street, was listed in the RCRIS-Small Quantity Generator, FINDS, Underground Storage Tank (UST), and Leaking Underground Storage Tank (LUST) databases. The Friction Services property, located at the southwest corner of Lander Street and 6th Avenue South, is adjacent to and crossgradient of the subject property.

According to a February 1994 Department of Ecology Notice of Confirmed Release report, a heating oil tank located on the property was found to be leaking diesel-type oil. The tank was removed in 1993, during which time 160 tons of petroleum contaminated soil were removed. During the excavation, free product was observed floating on the water table. A groundwater monitoring well was to be installed at the property.

Department of Ecology files did not indicate whether cleanup of the site had been completed, or if the groundwater monitoring well had been installed. Although the Friction Services property is most likely either downgradient or crossgradient from the subject property, due to it's proximity, it is possible that contaminated groundwater may have migrated to the subject property.

In addition, a fuel storage yard was depicted in a 1950 fire insurance map. The fuel storage yard was located adjacent to the subject property to the south along Lander Street, and east of the Friction Services facility. No other information regarding the former fuel storage yard was reviewed during this assessment.

Clayton recommends that a subsurface investigation be conducted near the southwest corner of the subject property in order to determine if contaminated groundwater from these properties has impacted the subject property.

- Lee and Estes Tank Lines, located at 2418 Airport Way South, was listed in the CERCLIS-NFRAP, UST, LUST, and CSCSL NFA databases. The property is between 1/8-mile and 1/4-mile mile east-northeast and upgradient/crossgradient of the subject property.

Three 4,000-gallon diesel USTs and one 2,000 gallon USTs with unknown contents were removed in 1995. Total petroleum hydrocarbons (as diesel) were detected in soil at levels exceeding MTCA cleanup levels. During the tank excavations,

groundwater was encountered at approximately nine feet below ground surface, and free product was observed floating on the water table. The site was partially cleaned up, but some of the contaminated soil and groundwater was left in place (Columbia Environmental 1995).

In addition, the property adjacent to 2418 Airport Way to the south was formerly operated as a retail gas station. A subsurface investigation conducted at the site revealed concentrations of TPH and benzene slightly above MTCA cleanup levels (Environmental Associates 1992).

Because these two sites are located within 1/4-mile and are potentially upgradient of the subject property, it is possible that contaminated groundwater may have migrated to the subject property. Site files reviewed by Clayton at the Department of Ecology did not indicate that either of these cases has been closed. However, the EDR report indicated that a 'No Further Action' determination has been issued by Ecology for 2418 Airport Way.

Clayton recommends that a subsurface investigation be conducted near the eastern perimeter of the subject property in order to determine if contaminated groundwater from these properties has impacted the subject property.

- Industrial Plating Corp, located at 2411 6th Avenue South, was listed in the RCRIS-Large Quantity Generator, CSCSL and CERCLIS-NFRAP databases. The site is located less than 1/8-mile to the north and crossgradient of the subject property.

The Industrial Plating Corp. site contains a large electroplating and anodizing operation. The facility uses a variety of heavy metals, solvents and acids in its processes. A discharge permit was issued to the facility by METRO for process waste water discharge.

A site visit by Seattle and King County Public Health personnel on August 1999 indicated that there were no visible signs of gross contamination. A soil sampling event conducted by Public Health in December of 1999 revealed concentrations of cadmium, chromium and lead at levels exceeding MTCA cleanup levels. The highest concentrations (360 ppm for cadmium, 3,500 ppm for chromium and 2,700 ppm for lead) were obtained from a drainage area on the west side of the property. This area is essentially an unlined ditch which is used to collect storm water runoff from the parking area at the property. No groundwater sampling was conducted by Public Health.

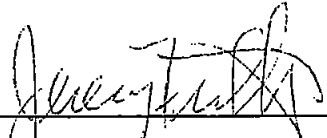
Because soil concentrations in the drainage ditch exceeded MTCA cleanup levels, and groundwater has been measured in the area at depths as shallow as nine feet below ground surface, it is possible that groundwater has been impacted by heavy metal contamination from the Industrial Plating facility. Although the subject property is most likely located crossgradient from the Industrial Plating facility, due to its proximity, it is possible that an impact to the subject property may have occurred.

Clayton recommends that a subsurface investigation be conducted near the northwestern corner of the subject property in order to determine if contamination from the Industrial Plating facility has impacted the subject property.

The following environmental issues, which are not considered to be *recognized environmental conditions*, as defined by ASTM, were revealed during this assessment:


- A hydraulic elevator and two electrical transformers are located within the Industrial Properties Warehouse. These units are notable because they may be potential PCB sources. Neither the elevator machinery nor the transformers were accessible during this assessment. Mr. Bill Wilder of Evergreen Marketing stated that no evidence of external leaks of coolant fluid from the transformers, or hydraulic fluid from the elevator machinery has been observed by Evergreen Marketing personnel. Clayton recommends that the transformers and elevator machinery be inspected periodically to check for possible leaks.

This report prepared by:



Jeremy Fichter
Staff Environmental Consultant
Environmental Services
Seattle Regional Office

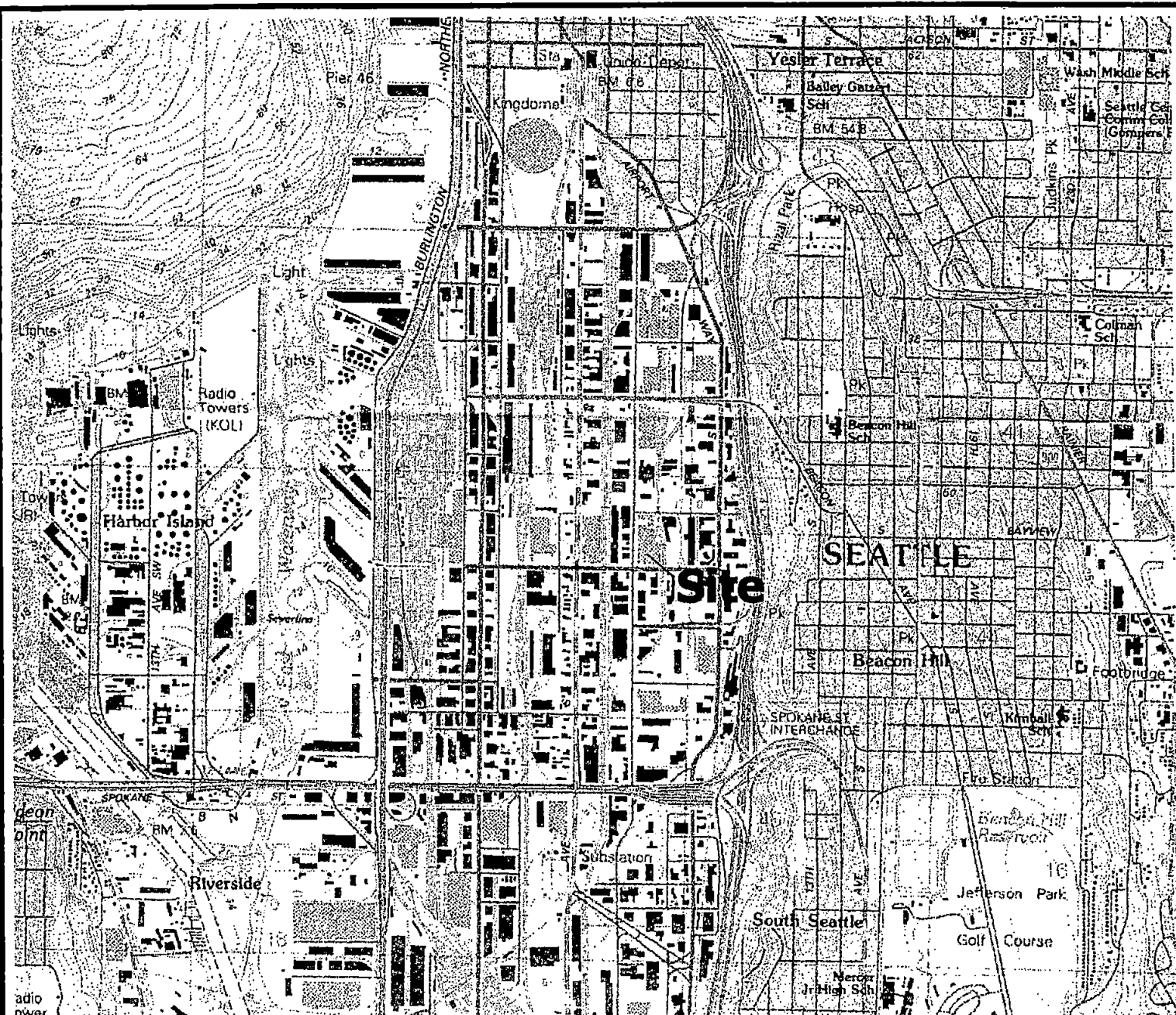
This report reviewed by:



Marcel Khouw
Manager
Environmental Services
Seattle Regional Office

September 6, 2001
Clayton Project No. 75-02042.00

FIGURES



Portion of 7.5-minute Series
Topographic Map
United States Department of the Interior
Geological Survey

Seattle South Quadrangle, Washington
1983
Scale 1:25,000 metric



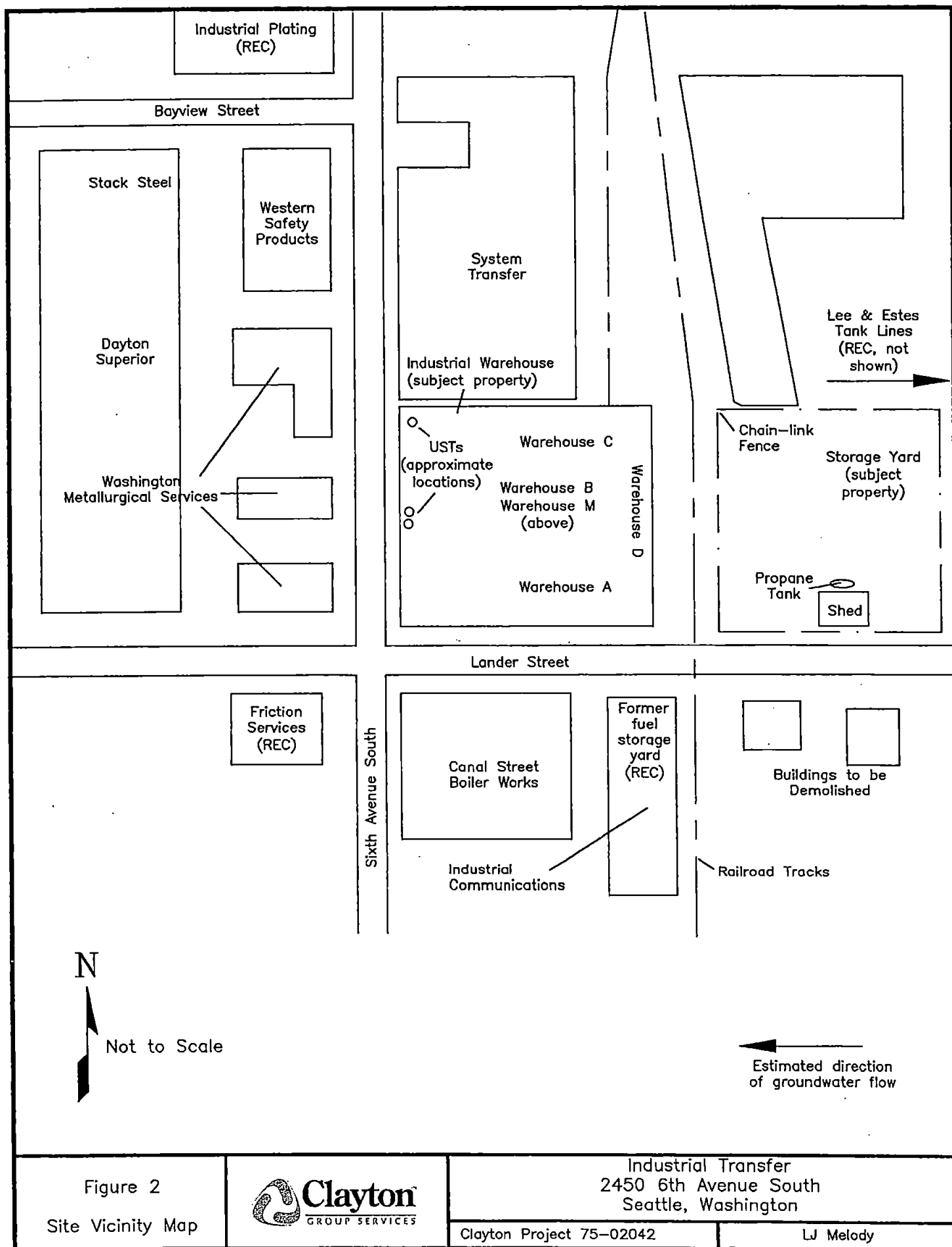
Figure 1
Site Location



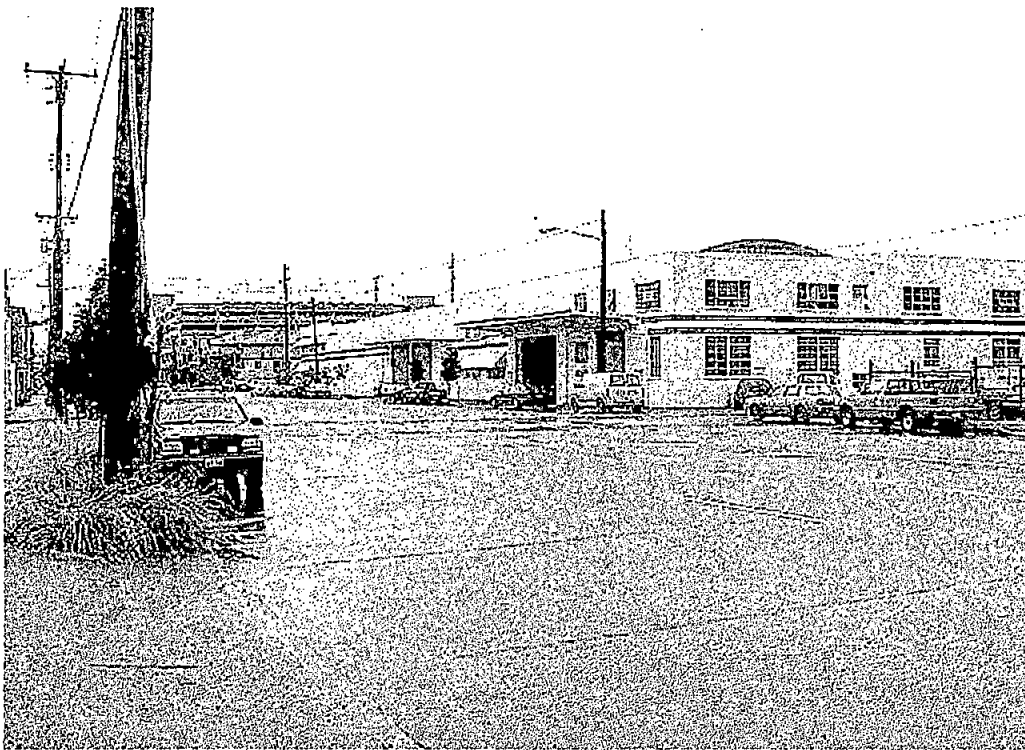
Industrial Properties
2450 6th Avenue South
Seattle, Washington

Clayton Project 75-02042

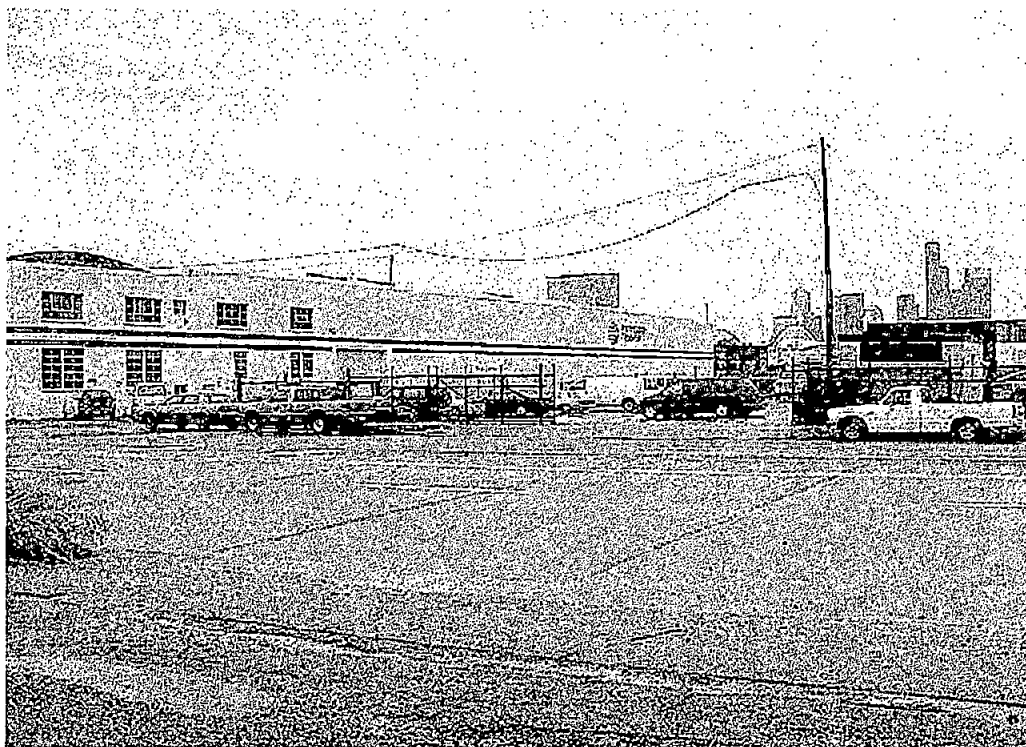
LJ Melody



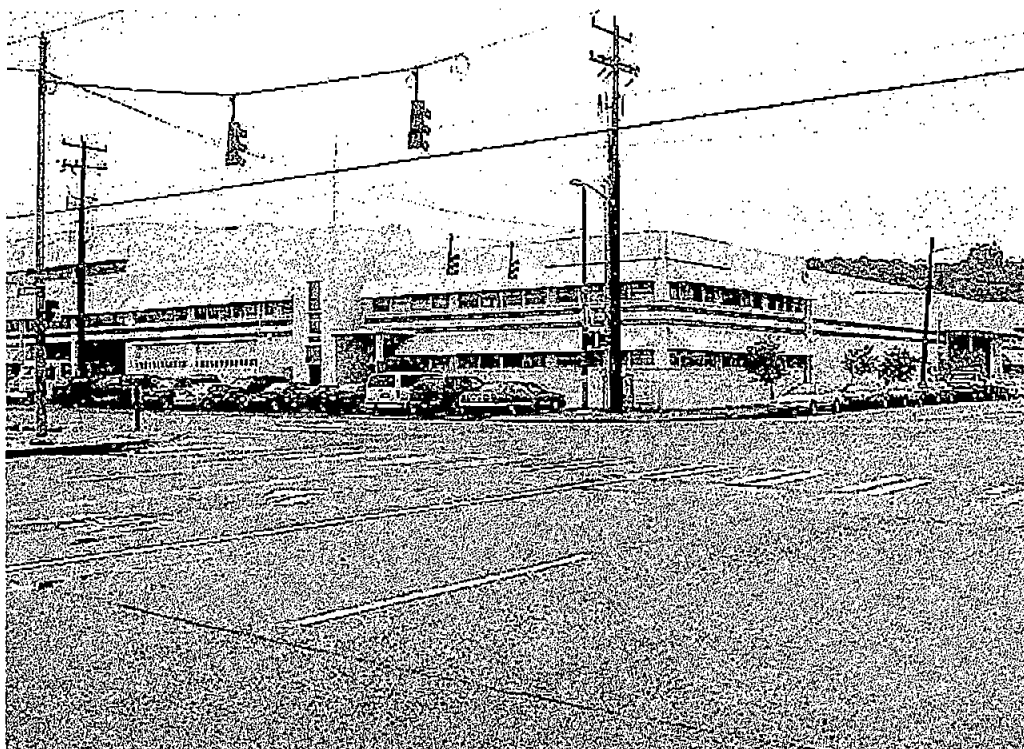
PHOTOGRAPHS



Subject	View of subject property (warehouse) from Lander Street	Clayton Project No. 75-02042	1
Site	2450 6th Avenue South		Date
Client	LJ Melody		22 Aug 2001



Subject	View of subject property (storage yard) from Lander Street	Clayton Project No. 75-02042	2
Site	2450 6th Avenue South		Date
Client	LJ Melody		22 Aug 2001



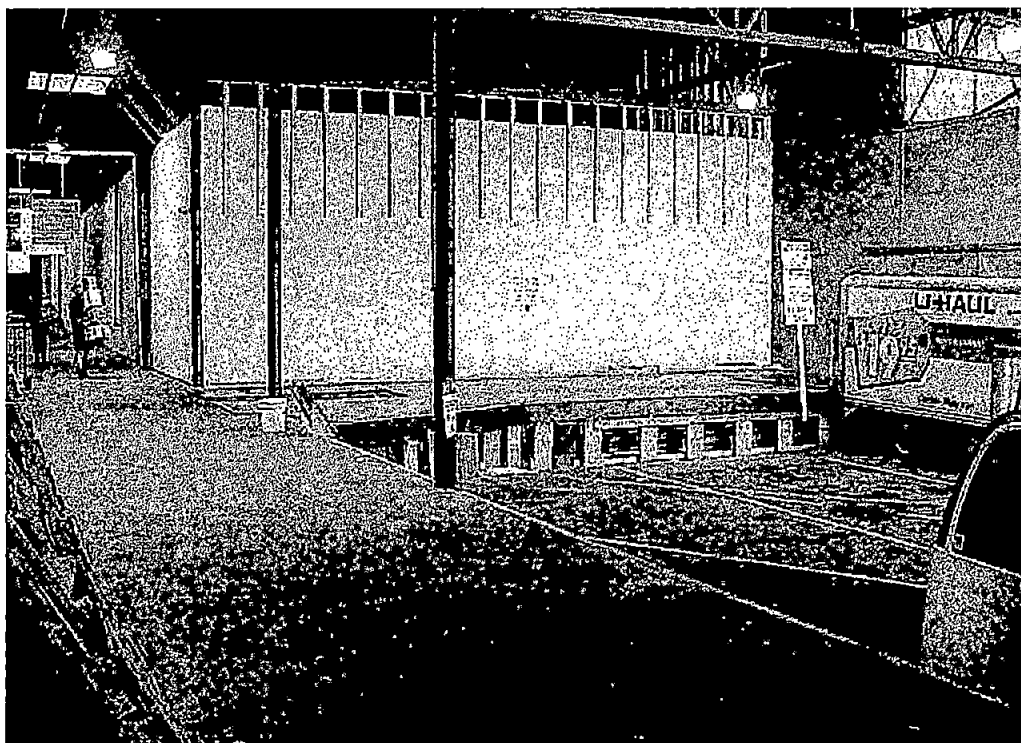
Subject	View of subject property from intersection of 6th Avenue and Lander Street	Clayton Project No. 75-02042	3
Site	2450 6th Avenue South		Date
Client	LJ Melody		22 Aug 2001



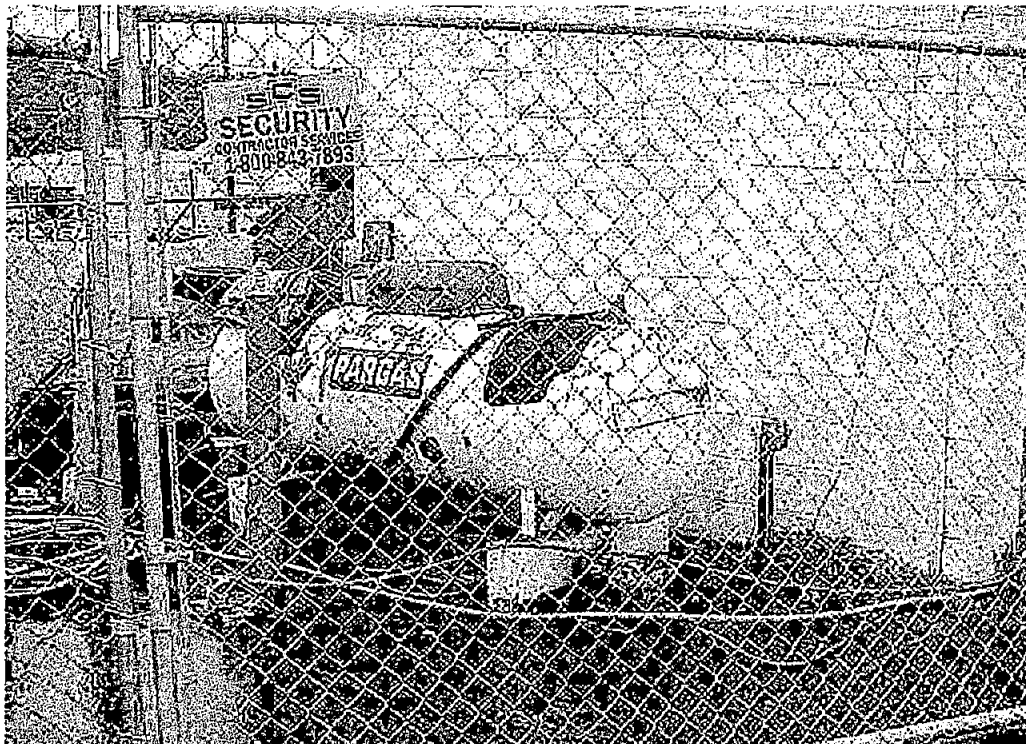
Subject	Pipe insulation in Warehouse A	Clayton Project No. 75-02042	4
Site	2450 6th Avenue South		Date
Client	LJ Melody		22 Aug 2001



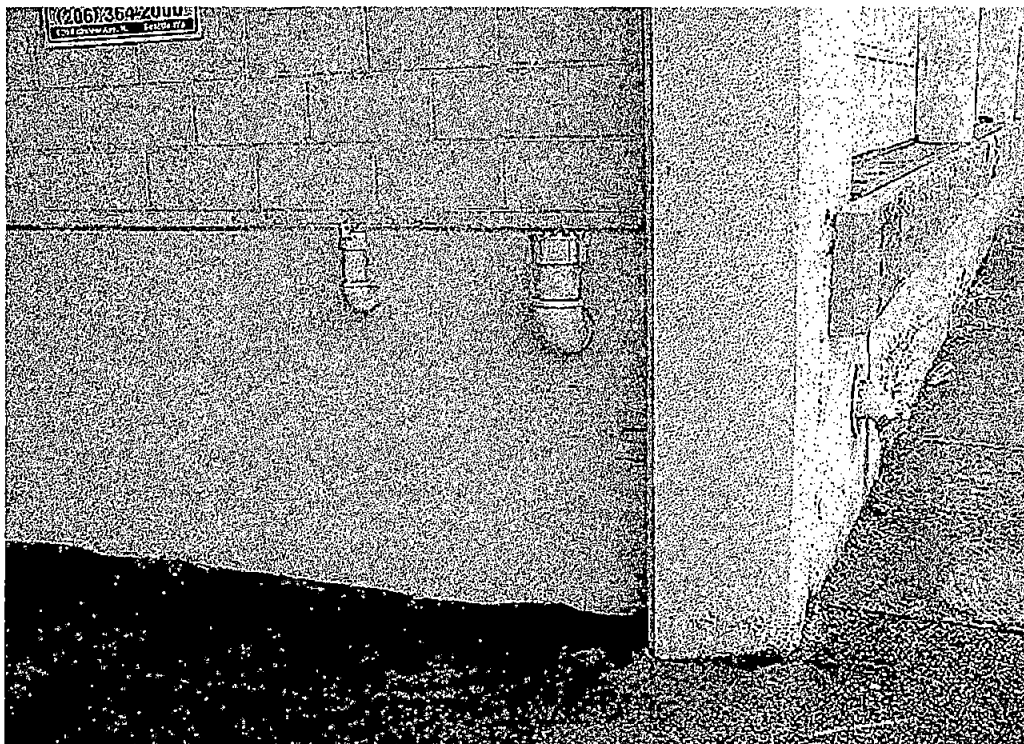
Subject	Typical warehouse space in Warehouse M	Clayton Project No. 75-02042	5
Site	2450 6th Avenue South		Date
Client	LJ Melody		22 Aug 2001



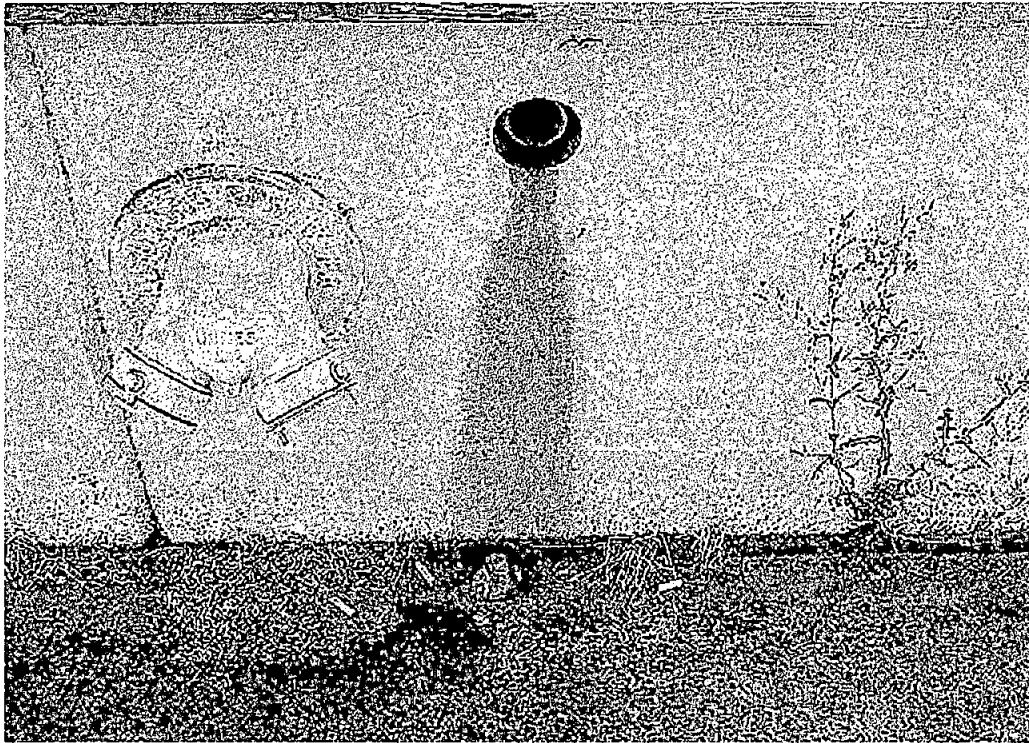
Subject	Loading dock area in Warehouse A	Clayton Project No. 75-02042	6
Site	2450 6th Avenue South		Date
Client	LJ Melody		22 Aug 2001



Subject	Propane tank located near shed on the portion of the subject property east of the railroad tracks	Clayton	7
Site	2450 6th Avenue South	Project No.	Date
Client	LJ Melody	75-02042	22 Aug 2001



Subject	UST fill pipes (near loading dock on west side of building)	Clayton	8
Site	2450 6th Avenue South	Project No.	Date
Client	LJ Melody	75-02042	22 Aug 2001



Subject	Suspect vent pipe located near loading dock on west side of building	Clayton	9
Site	2450 6th Avenue South	Project No.	Date
Client	LJ Melody	75-02042	22 Aug 2001

APPENDIX A

RESUMES OF ENVIRONMENTAL PROFESSIONALS

MARCEL KHOUW, P.E.
Manager, Environmental Services

Summary of Professional Experience

Marcel Khouw has more than 11 years of technical and professional experience in the engineering and environmental fields. His environmental experience includes conducting Phase I environmental site assessments (ESAs), subsurface soil and groundwater investigations, remediation design and program management, and underground storage tank (UST) management. Mr. Khouw has extensive experience in project management, field supervision, and report writing. He is a skilled negotiator and has obtained No Further Action decisions from the State of Washington Department of Ecology, the State of Hawaii Department of Health, and the Guam Environmental Protection Agency. As manager of the Environmental Services division of Clayton's Seattle Office, Mr. Khouw supervises technical and administrative staff, prepares budgets and proposals, manages projects, conducts technical reviews of project submittals and provides regulatory liaison assistance to clients.

Project Experience

Phase I ESAs

Financial Institutions

Mr. Khouw has supervised and conducted Phase I ESAs at various commercial properties throughout the western states, including Washington; Oregon, California, Nevada, Montana, Alaska, and Hawaii. These Phase I ESAs were conducted in accordance with the American Society for Testing and Materials (ASTM) Standard E1527-97, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," and allowed clients to comply with due diligence requirements by providing information for disclosure of environmental liabilities. This allowed property transactions to proceed in a timely manner.

Phase I ESAs

Insurance Industry

As project engineer, Mr. Khouw conducted Phase I ESAs of various commercial properties throughout Northern California. The Phase I ESAs were conducted using the ASTM Standard E1527-94, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" and led to timely disclosure of environmental liabilities and allowed the insurance company to assess appropriate insurance rates for each property.

Phase II Subsurface Investigation

Law Firm

Serving as manager, Mr. Khouw supervised a Phase II subsurface investigation of a dry-cleaning facility in Washington to assess the lateral and vertical extent of tetrachloroethylene (PCE) and trichloroethylene (TCE) in soil and groundwater. The

investigation included installing 10 monitoring wells and conducting a passive soil gas survey. Mr. Khouw is currently in negotiations with the State of Washington, Department of Ecology regarding cleanup goals at the facility and is supervising the development of a remedial action plan that will be implemented at the site.

Phase II Subsurface Investigation

Property Management Industry

Mr. Khouw served as manager for this Phase II subsurface investigation at a Washington office complex to assess potential contamination from a gasoline UST formerly located at the site. The investigation included a geophysical survey, drilling three boreholes, and soil and groundwater sampling and analyses. Investigation findings indicated that the subject property had not been impacted by the former UST which allowed the property transaction to proceed in a timely manner.

Petroleum-Contaminated Soil Excavation

Federal Government – United States Army Corp of Engineers (USACE)

Mr. Khouw was the environmental quality control officer for the mass excavation of approximately 3,000 cubic yards of petroleum-contaminated soils from a flood control project site in Hawaii. The project involved constructing a temporary soil storage area, drilling three boreholes, collecting soil and groundwater samples, and preparing the final report. As a result of these activities, the USACE was able to complete the flood control project in accordance with its project schedule.

Wood Treatment Facility Closure

Real Estate and Property Management Industries

As project engineer, Mr. Khouw supervised the remediation of a former wood treatment facility located in Hawaii. The project included removing a 5,000-gallon chemical UST; demolishing a chemical-contaminated concrete pad; disposing of 200 tons of concrete and 3,000 gallons of sludge as hazardous waste; and conducting a subsurface investigation to assess the extent of soil and groundwater contamination from the wood-treating chemicals. Project activities allowed the client to successfully proceed with litigation against previous owners and insurers.

Waste Oil UST Closures

Automotive Industry

Mr. Khouw served as project engineer in the closure of waste oil USTs at six separate automobile dealership service centers on the island of Oahu in Hawaii. The project included excavating and disposing seven waste oil USTs, collecting soil and groundwater samples, and preparing a UST closure report for each facility. The UST closures allowed the client to remodel the service centers and maintain compliance with state regulations.

Soil Excavation, Soil and Groundwater Removal and Disposal

Automotive Industry

Mr. Khouw served as project engineer for excavation, removal, and disposal activities at two automobile dealership service centers located in Hawaii. He supervised the

excavation and disposal of approximately 40 tons of petroleum-contaminated soil and the removal and disposal of more than 1,000 gallons of petroleum-contaminated groundwater. Following these activities, Mr. Khouw obtained No Further Action status from the State of Hawaii, Department of Health.

Phase II ESA and Litigation Support

Attorneys and Law Firms

Mr. Khouw was project engineer for this Phase II ESA at a former truck service and refueling center in Hawaii. The project included drilling 49 boreholes to help characterize the extent of petroleum contamination from six leaking USTs. In addition, Mr. Khouw prepared the final Phase II report, developed cost estimates for remediating the property, and served as an expert witness for depositions to aid the litigation process.

Diesel UST Closures

Federal Government – USACE

Serving as project engineer, Mr. Khouw supervised the closure of two diesel UST sites at the Johnston Atoll Chemical Agent Disposal System (JACADS) plant. The project included excavating and removing two diesel USTs, soil and groundwater sampling, and preparing the final closure report. The USTs were subsequently replaced with aboveground storage tanks (ASTs).

Subsurface Investigation

Financial Institution

As project engineer, Mr. Khouw conducted a subsurface investigation, including the drilling of seven boreholes, to characterize the extent of diesel contamination from three leaking USTs on the island of Guam. He supervised excavation of contaminated soil and construction of an onsite bioremediation facility for treatment of the contaminated soil. Mr. Khouw negotiated a No Further Action decision from the Guam Environmental Protection Agency, allowing the client to develop the facility with additional buildings.

Subsurface Investigation

Federal Government

Mr. Khouw conducted a subsurface investigation, including the drilling of 20 boreholes, to characterize the extent of fuel oil contamination at the proposed bachelors' enlisted quarters (BEQ) site at Pearl Harbor. The information from the subsurface investigation was used to develop final building specifications to minimize contact with the contaminated soil.

300,000-Gallon UST Excavation, Demolition, and Removal

Federal Government – USACE

As project engineer, Mr. Khouw supervised the excavation, demolition, and removal of a 300,000-gallon concrete UST at a military facility in Hawaii. Project activities included site inspection, soil sampling, coordinating all waste disposal activities, and preparing the final report. Due to the size of the UST and associated excavation pit, project planning and safety were key issues. The UST was replaced with a system of ASTs by the USACE.

Groundwater Investigation and Treatment Design*Airline Industry*

Mr. Khouw served as project engineer for this groundwater investigation to assess a free-floating product plume at an airport in Hawaii. He supervised and monitored a dewatering pump test near the product plume and then designed and supervised an oil-water separation and air sparging program to treat the groundwater. The system was designed to treat 300 gallons per minute and achieve permissible contaminant levels before discharging into the storm drain system. The system helped the client comply with state regulatory requirements in a timely and cost-effective manner and to proceed with the further development of the airport.

Petroleum-Contaminated Soil Excavation*Real Estate/Property Management*

As project engineer, Mr. Khouw supervised the excavation of 5,000 cubic yards of soil contaminated with gasoline from leaking USTs within a city block redevelopment area in Hawaii. He constructed, inspected, and managed a soil aeration facility for treatment of the contaminated soil. These activities led to No Further Action status from the State of Hawaii, Department of Health and allowed the client to proceed with redevelopment.

Contaminated Soil Excavation, Removal, and Disposal*Federal Government– USACE*

Serving as project engineer, Mr. Khouw supervised the excavation, removal, and disposal of soils contaminated with petroleum, pesticides, and/or polychlorinated biphenyls (PCBs) at various military installations in the State of Hawaii. Project activities included delineating the extent of contamination, supervising subcontractors, and collecting confirmatory soil samples for site closure. These activities allowed the USACE to use the areas for other operations.

Dewatering and Groundwater Sampling*Construction Industry*

In conjunction with utility trench excavation for new construction of a warehouse facility in Hawaii, Mr. Khouw supervised dewatering activities and collected groundwater samples for petroleum hydrocarbon analysis. These activities allowed the client to continue with the new construction in compliance with state regulations.

Emergency Response*Telecommunications Industry*

Mr. Khouw developed an emergency response for a petroleum hydrocarbon vapor release during utility trench excavation adjacent to a gasoline station in Hawaii. He conducted field screening using a lower explosive limit (LEL) meter and a photoionization detector (PID) and collected soil samples for petroleum hydrocarbon analysis. These activities allowed the client to continue excavation activities and complete the project safely and within deadlines.

Subsurface Investigation and Trench Excavation*Quarry Industry – Rock*

Serving as project engineer, Mr. Khouw conducted a subsurface investigation at a rock quarry in Hawaii. The investigation, which included the excavation of four 10-foot-deep exploration trenches, was designed to characterize the extent of petroleum contamination from four former fuel tanks. Based on his investigation findings, Mr. Khouw negotiated a No Further Action decision from the state of Hawaii Department of Health, which allowed the client to proceed with the property transaction of the facility.

Dioxin-Contaminated Soil Removal and Disposal*Federal Government – USACE*

Mr. Khouw served as project engineer to supervise removal and disposal of dioxin-contaminated soil from a former military drum storage facility in Hawaii. The project activities were conducted in conjunction with plans to transfer ownership of the site to the State of Hawaii for use as a public park.

Employment History

Clayton Group Services, Inc. – Seattle, Washington
Manager, Environmental Services
1998 to Present

Clayton Group Services, Inc. – Honolulu, Hawaii
Project Engineer, Environmental Services
1994 to 1998

David Wong Soil, Structural, and Civil Engineering – Honolulu, Hawaii
Geotechnical Engineer
1993 to 1994

RZA Agra, Inc. – Honolulu, Hawaii
Geotechnical/Environmental Engineer
1992 to 1993

USDA Forest Service, Willamette National Forest - Eugene, Oregon
Civil Engineer
1989 to 1993

Education

B.S., Geological Engineering, 1989
Washington State University, Pullman, Washington

Professional Registrations and Certifications

NITON XRF Radiation Safety Certification, V1998521-7, 1998

OSHA 8-Hour Refresher Training, Annual

OSHA 40-Hour Hazardous Waste Operations and Emergency Response Training, 1999

Professional Engineer, State of Hawaii, No. 9306, 2000

Professional Affiliations

American Society of Civil Engineers (ASCE)

GREG FERRIS

Project Geologist, Environmental Services

Summary of Professional Experience

Mr. Ferris has over eleven years of experience in the geological and environmental sciences. He has extensive environmental experience, including: Phase I Environmental Site Assessments (ESA's); soil and groundwater investigations; tank removals; contamination assessments; developing groundwater monitoring programs; regional geologic studies; risk-based corrective actions (RBCA's); preparing and implementing site remedial action plans; and, closure report preparation.

While working for a major oil company, Mr. Ferris managed consulting firms performing tank and source removals, assessments, and corrective actions at over 100 retail gasoline and diesel fuel facilities, including two bulk fuel transfer terminals. His involvement was integral in receiving over 40 'no further action', or site closure approvals in FL, TX, MN, MO, KS and OK. He has considerable experience negotiating with private property owners and their representative counsel who intend or threaten to file, or have filed lawsuits against clients. Mr. Ferris also has participated as the environmental coordinator during emergency response 'spill drills', conducted at two bulk fuel transfer terminals, designed to prepare employees and the surrounding community for emergency situations.

Mr. Ferris has monitored and logged the installation of deep-zone injection wells, including: collecting water quality samples; collecting, describing and classifying lithologic samples; and, assisting in dye-tracer studies. He has also logged the installation of production wells and monitoring wells for groundwater resource well-field studies, including: performing pump tests; collecting water level data; evaluating the data; and, preparing the hydrogeologic reports. In addition, Mr. Ferris has considerable knowledge in determining soil characteristics and behavior, particularly when applying soil stabilization methodologies to road sub-grades.

Project Experience

Petroleum Storage Tanks (PSTs) and Oil/Water Separators

Property Management Industry

Mr. Ferris served as project geologist for the removal of an oil/water separator, two heating fuel underground storage tanks (USTs), and one heating fuel above-ground storage tank (AST) in conjunction with the demolition of a large building in downtown Seattle, Washington. The investigation included sampling the oil/water separator and supervising the removal and proper disposal of the contents; as well as soil sampling, delineation, and excavation of approximately 200 tons of petroleum contaminated soil associated with the UST's. Based on the field activities and laboratory analytical results of confirmation soil samples collected from the excavation side-walls, no further action was recommended.

**Petroleum Storage Tanks (PSTs), Oil/Water Separators,
Computer and Electronics Industry**

Mr. Ferris served as project geologist for a 'turn-key' project located in Bellevue, Washington, that included: permitting with the City to demolish an existing auto-service building; sampling and properly abandoning the four site monitoring wells; supervising the building demolition and conducting personal air quality monitoring for asbestos and lead; excavation and removal of a 12,000-gallon gasoline UST and approximately 40 tons of contaminated soil associated with the UST, product line and dispenser; excavation and removal of an oil/water separator; excavation and removal of approximately 30 tons of contaminated soil associated with former hydraulic lifts; soil sampling to confirm the successful removal of petroleum impacted soil; permitting with the City to install landscaping in place of the demolished building and UST excavation area; and, supervising the installation of the landscaping, sidewalks and parking areas. The investigation also included coordinating efforts with a potential buyer's environmental consultant and the Department of Ecology (Ecology) Voluntary Cleanup Program site manager in conjunction with groundwater sampling to assess for arsenic, previously identified at the site above State Cleanup Levels. Based on the field activities and laboratory analytical results of the soil and groundwater samples collected from the site, no further action was recommended. Ecology granted the no further action (site closure) within one week of receiving the final report.

Petroleum Storage Tanks (PSTs)***Oil Industry***

Mr. Ferris supervised and performed underground and aboveground storage tank removals; source removals; and, contamination assessments. He conducted monitoring well network design, construction, and logging; water and soil quality sampling and evaluation; aquifer characterization pump tests and slug tests, including test data modeling and analysis. He also conducted RBCA assessments; prepared and implemented site remedial action plans; reviewed remedial system construction drawings and provided oversight during their installation; remedial system troubleshooting and modifications; and, closure report preparation. Mr. Ferris managed assessment and remediation work at over 100 retail gasoline and diesel fuel facilities and was integral in receiving over 40 'no further action', or site closure approvals. He met with and negotiated with State regulatory officials on a routine basis to determine the most efficient and cost effective course of action to achieve site-specific goals.

Phase I and Phase II Site Investigations***Real Estate and Financial Services Industry***

Mr. Ferris performed several Phase I ESA's and Phase II Site Investigations required by loan institutions where real estate developers were interested in purchasing property to build upon. The Phase I ESA's included a site walk inspection to investigate the property, buildings (if present), and materials on site; shallow soil sample collection using hand augers; and, property title searches identifying the history of past use at the site. Work also included: identifying other land uses in the vicinity of the property, including the location of private or municipal water supply wells; researching the geology and geologic history of the

area; and, preparing the report. The Phase II investigations included the Phase I scope of work, plus: the installation of monitoring wells on site; collection and analysis of soil and groundwater samples; performance of slug tests to determine aquifer characteristics; and, report preparation.

Due Diligence*Industrial Properties*

Mr. Ferris supervised and performed the Due Diligence scope of work required for the purchase and/or sale of over 80 retail properties with petroleum storage tanks and associated equipment. The work scope included Phase I and Phase II investigations as described above, including: determining a base-line level of impact at each site, if any, to avoid potential future litigation involving discrepancies should a new petroleum release occur at a site.

Environmental Site Assessments*Utility Industry*

Mr. Ferris managed, supervised and performed assessment and remediation activities involved with a Bunker 'C' oil release at a major utility company, adjacent to a 10' x 10' concrete storm water canal. He performed hand auger soil borings for the collection of soil samples to delineate the zone of free product (Bunker 'C' oil). He also supervised the installation of the monitoring well network to delineate the impact to groundwater at the facility. Mr. Ferris assisted in the design and successful installation of an interim remediation system to recover the Bunker 'C' oil along the edge of the storm water canal to prevent seepage into the canal. He also routinely met and negotiated with local regulatory officials to determine the most efficient and cost effective methods to implement for achieving the cleanup goals set for the site.

Well Installation*Municipal Agencies*

Mr. Ferris monitored and logged the installation of deep-zone injection wells for the disposal of tertiary-treated sewage effluent. His responsibilities included collecting water quality samples; collecting, describing and classifying lithologic samples; and, assisting in dye-tracer studies. In addition, he monitored and logged the installation of production wells and monitoring wells for groundwater resource explorations. The work included performing pump tests; collecting water level and water quality data; evaluating the data; and, preparing the hydrogeologic reports.

Feasibility Studies*Petroleum Industry*

Mr. Ferris assisted in the performance of a large feasibility study using geophysical techniques to determine risks involved with installing a petroleum pipeline over several miles. He also assisted in performing electro-resistivity surveys and ground-penetrating radar (GPR) scans along the proposed location, as well as interpreting the data.

Employment History

Clayton Group Services – Seattle, Washington
Project Geologist, Environmental Services
Jan. 1999 to Present

Fina Oil and Chemical Company – Dallas, TX
Senior Environmental Specialist
1998

Stemle, Andersen and Associates, Inc. – Boynton Beach, FL
Senior Hydrogeologist
1997 to 1998

GeoSolutions Inc. – Gainesville, FL
Hydrogeologist
1990 to 1997

HydroDesigns – Juniper Beach, FL
Part-time Staff Hydrogeologist
1988 to 1990

GeoHazards, Inc. – Gainesville, FL
Part-time Geologist
1989 to 1990

Education

M.S., Geological Sciences, 1992
University of Florida, Gainesville, FL

B.S., Geological Sciences, 1987
Eastern Illinois University, Charleston, IL

Professional Registrations and Certifications

Registered Professional Geologist (R.G.), State of Florida, No. 0001837, September 1995
LPST Corrective Action Project Manager (CAPM), Texas Natural Resource Conservation
Commission, Registration No. CAPM01283
OSHA 40-hour Hazardous Waste Operations and Emergency Response Training, 1991
OSHA 8-Hour Refresher Training, Annual
Registered State of Washington Underground Storage Tank (UST) Site Assessor, ASI ID#
32-US-32014723 (February 1999)
Certified Asbestos Hazard Emergency Response Act (AHERA) Building Inspector
(February 1999)
AHERA Building Inspector Refresher, Annual
NITON XRF Radiation Safety Certification, 99101439814, (October 1999)

Publications and Presentations

Ferris, G.A., J.L. Eades, R.E. Graves, and G.H. McClellan. 1991. Improved Characteristics
in Sulfate Soils Treated with Barium Compounds Before Lime Stabilization. Washington,
D.C., National Research Council, *Transportation Research Board*, Transportation Research
Record No. 1295, pp. 45-51.

Jeremy R. Fichter
Staff Environmental Consultant, Environmental Services

Summary of Professional Experience

Mr. Fichter has ten months of environmental consulting experience. He has conducted Phase I Site Assessments at industrial, commercial, residential facilities. In addition, Mr. Fichter is experienced in asbestos and lead building sampling, water quality testing and air quality monitoring. Mr. Fichter is experienced in using photoionization detectors, X-Ray Fluorescence detectors, and various types of air quality monitoring equipment. He is familiar with Occupational Health and Safety Administration (OSHA) and Asbestos Hazard Emergency Response Act (AHERA) regulations affecting environmental health and safety.

Project Experience

Phase I Site Assessments

Commercial Clients

Mr. Fichter has performed Phase I Environmental Site Assessments (ESA) in association with property transactions. The scope of work completed for the Phase I ESAs included site inspections to investigate the use of the property and associated buildings, interviews with local and state officials regarding the environmental quality of the site, chain of title searches, regulatory reviews and historical map and photograph review. Additionally, the land uses of abutting and area properties, the locations of private or municipal water supply wells, and regional hydrogeologic characteristics were identified. This information was compiled into a detailed Phase I ESA reports completed in accordance with the American Society for Testing and Materials (ASTM) Standard E1527, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process."

Asbestos building inspections

Commercial Client

Mr. Fichter performed asbestos inspections of several residences in accordance with AHERA guidelines. Several different types of suspect asbestos-containing materials were sampled, including floor tile, sheet vinyl, pipe insulation, surfacing compounds, wall board, cove base, and other miscellaneous materials. In addition, TCLP sampling was also conducted.

Lead-based paint inspections

Commercial Client

Mr. Fichter conducted lead based paint inspections of numerous buildings in an industrial setting. Measurements were taken using an X-Ray Fluorescence detector, and bulk samples were also taken. Mr. Fichter was responsible for downloading and editing data, converting numerical data to verbiage using the C-Thru software program, and cross-referencing instrument data with bulk sample results.

Air quality monitoring*Municipality*

Mr. Fichter performed air quality monitoring for volatile organic compounds (VOCs) and lead during utility pole and vault installations. During these operations, measurements were taken using a hand-held photoionization detector and low-flow pumps worn by utility workers. Mr. Fichter was responsible for monitoring the activities of workers while ground-breaking activities were taking place.

Employment History

Clayton Group Services, Inc., Seattle, Washington
Staff Environmental Consultant, Environmental Services
January 2001-Present

Med-Tox Northwest, Auburn, Washington
Industrial Hygiene Technician
October 2000-January 2001

Education

B.S, Environmental Studies, 2000
Western Washington University, Bellingham, Washington

Professional Registrations and Certifications

AHERA Certified Building Inspector

APPENDIX B

LIST OF SOURCES/REFERENCES

LIST OF SOURCES/REFERENCES

Agency and division/source:	Industrial Properties.
Name/title of representative:	Ben Ives/President
Location of Agency:	N/A
Agency Telephone Number:	(406) 727-9924
Date Information was received:	August, September 2001
Information obtained:	Historical use of subject property
Agency and division/source:	City of Seattle, Department of Design, Construction & Land Use, Microfilm Library
Name/title of representative:	Staff
Location of Agency:	700 5 th Avenue, Suite 2000, Seattle, WA
Agency Telephone Number:	(206) 233-5180
Date Information was received:	August 17, 2001
Information obtained:	Historical building permits
Agency and division/source:	King County Department of Assessments
Name/title of representative:	Staff
Location of Agency:	500 4 th Avenue, Seattle, WA
Agency Telephone Number:	(206) 296-7300
Date Information was received:	August 17, 2001
Information obtained:	No record of environmental liens
Agency/Affiliation:	Seattle Fire Department
Name/title of representative:	Tracy Phipps
Address:	301 2 nd Avenue, Seattle
Telephone Number:	(206) 386-1450
Date Information was received:	August 28, 2001
Information obtained:	No records of UST decommissioning, chemical inventory/permits, hazardous material responses
Agency and division/source:	Walker & Associates
Name/title of representative:	Staff
Location of Agency:	12652 Interurban Avenue South, Seattle, WA
Agency Telephone Number:	(206) 244-2300
Date Information was received:	August 22, 2001
Information obtained:	Historical aerial photos of the site and surrounding areas

LIST OF SOURCES/REFERENCES
(Continued)



REFERENCES:

Name of publication:	Seattle South Quadrangle, 7.5x15 Minute
Author of publication:	United States Geological Survey (USGS)
Date of publication:	1983
Page number(s):	N/A
Information obtained:	Physical/topographic features of site
Name of publication:	Radius Map with GeoCheck, 2450 6 th Avenue South, Seattle, WA
Author of publication:	EDR, Inc.
Date of publication:	August 17, 2001
Page number(s):	N/A
Information obtained:	Regulatory database records
Name of publication:	Underground Storage Tank Closure Report, Industrial Transfer and Storage, 2450 6 th Avenue South, Seattle, WA
Author of publication:	O'Sullivan Omega
Date of publication:	June 13, 1994
Page number(s):	N/A
Information obtained:	UST Closure information
Name of publication:	Preliminary Environmental Study, Former Gas Station Site, Airport Way South, Seattle, WA
Author of publication:	Environmental Associates, Inc.
Date of publication:	August 14, 1992
Page number(s):	N/A
Information obtained:	Environmental report for nearby property
Name of publication:	Site Hazard Assessment, Industrial Plating Corp, 2411 Sixth Avenue South, Seattle, Washington
Author of publication:	Seattle King County Public Health
Date of publication:	February 29, 2000
Page number(s):	N/A
Information obtained:	Environmental report for nearby property
Name of publication:	UST Closure Report, Lee & Estes Tank Lines, 2418 Airport Way South, Seattle, WA

LIST OF SOURCES/REFERENCES
(Continued)



Author of publication: Columbia Environmental, Inc.
Date of publication: July 1995
Page number(s): N/A
Information obtained: Environmental report for nearby property, groundwater information

Name of publication: UST Site Assessment, 555 South Lander, Seattle, WA
Author of publication: Daniel A. Wright
Date of publication: February 8, 1994
Page number(s): N/A
Information obtained: Environmental report for nearby property

Name of publication: 2000 Annual Analysis of Cedar & Tolt Water Supplies
Author of publication: Seattle Public Utilities
Date of publication: N/A
Page number(s): N/A
Information obtained: Water quality report

APPENDIX C

LEGAL DESCRIPTION

King County Department of Assessments
Parcel 766620 - 3530

Computer : **PUBLIC 68**

08/17/2001

Parcel

Geo Area : 35-10	Res Area :
Spec Area : 500-60	Q-S-T-R : SW-8-24-4
Folio : 02676A	Type : C
Resp : C	Levy : 0010
Block : 252	Lot : 7 THRU 11
Property Desc : INDUSTRIAL TRANSFER WHSE	Property Address : 2450 6TH AV S SEATTLE
Legal Desc : SEATTLE TIDE LDS	LESS POR ELY OF LN RNG FR PT 29.28 FT W OF NE COR
OF 7 TAP 29.27 FT W OF SE COR OF 11	

TaxPayer Accounts

<u>Account</u>	<u>Change</u>
766620-3530-09 AMERICAN LIFE 3223 3RD AVE S STE 200 SEATTLE WA 98134	0D2772

Land

HBU If Vacant : Commercial Service	HBU As Improved : Present Use
Present Use : Warehouse	Traffic Volume : 0
Percent Unused : 0	Current Zoning : IG1 U/85
Zoning Date : 04/09/1999	Water System : Water District
Sewer System : Public	Lot SqFt : 89,990
Corner Lot : Yes	Restrictive Size/Shape : No
Base Land Val : 1,439,800	Land Val Date : 12/14/2000
Tax Year : 2002	Road Access : Public
Parking :	Street Surface :

Land Views

Mt Rainier :	Sound :
Olympics :	Lake Washington :
Cascades :	Lake Sammamish :
Territorial :	Lake/River/Creek :
Seattle :	Other :

Land Waterfront

Location :	Access Rights : No
Bank :	Proximity Influence : No
Tide/Shore :	Poor Quality : No
Restricted :	Footage : 0
Lot Depth Factor : 0	

Land Nuisances/Problems

Topography :	Powerlines : No
Traffic Noise :	Other : No
Airport : 0	Water Problems : No
Trans. Concurrency : No	Other : No

Land Designations

Historic Site :	Current Use : (None)
Nbr Bldg : 0	Dev. Rights Purchases : No
Adj. to Golf Fairway : No	Easements : No
Adj. to Greenbelt : No	Native Growth : No
Other : No	DNR Lease : No
Deed Restriction : No	

APPENDIX D

REGULATORY DATABASE REPORT



The EDR Radius Map with GeoCheck®

2450 6th Avenue South
2450 6th Avenue South
Seattle, WA 98134

Inquiry Number: 1670328.3p

August 17, 2001

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

2450 6TH AVENUE SOUTH
SEATTLE, WA 98134

COORDINATES

Latitude (North): 47.580300 - 47° 34' 49.1"
Longitude (West): 122.325900 - 122° 19' 33.2"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 550692.8
UTM Y (Meters): 5269655.5

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2447122-E3 SEATTLE SOUTH, WA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 5 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
INDUSTRIAL WAREHOUSE 2450 6TH AVE S SEATTLE, WA 98134	RCRIS-SQG FINDS	WAD988497392
INDUSTRIAL TRANSFER & STORAGE CO. INC. 2450 SIXTH AVENUE SOUTH SEATTLE, WA 98134	UST	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
RCRIS-TSD..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

HSL..... Hazardous Sites List

EXECUTIVE SUMMARY

SWF/LF..... Solid Waste Facility Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
Delisted NPL..... National Priority List Deletions
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
RAATS..... RCRA Administrative Action Tracking System
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

CSCSL NFA..... Confirmed & Contaminated Sites - No Further Action
EMI..... Washington Emissions Data System

EDR PROPRIETARY DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

CERCLIS-NFRAP: As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

A review of the CERC-NFRAP list, as provided by EDR, and dated 03/16/2001 has revealed that there are

EXECUTIVE SUMMARY

3 CERC-NFRAP sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INDUSTRIAL PLATING CORP	2411 6TH S	0 - 1/8 N	5	7
FRANZ SEATTLE BAKERY	2901 6TH AVE S	1/8 - 1/4 S	L43	39
LEE & EASTES TANK LINES INC	2418 AIRPORT WY S	1/8 - 1/4 ENE	M47	42

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/27/2001 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NORTHWEST ENVIROSERVICE	1500 TO 1700 ARPT WAY S	1/2 - 1 NNE	AD111	98

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 06/21/2000 has revealed that there are 2 RCRIS-LQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INDUSTRIAL PLATING CORP	2411 6TH S	0 - 1/8 N	5	7
SHERWIN WILLIAMS PAINT CO 6TH	2940 6TH AVE S	1/8 - 1/4 S	E27	28

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 06/21/2000 has revealed that there are 22 RCRIS-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
COMMERCIAL STACK HEAT TREATERS	2447 6TH AVE S	0 - 1/8 NW	A3	6
FRICTION SVCS INC	555 S LANDER ST	0 - 1/8 S	4	6
STACK STEEL SUPPLY CO	500 S LANDER	0 - 1/8 SW	6	10
SYSTEM TRANSFER & STORAGE CO	2400 6TH AVE S	0 - 1/8 N	B7	10
6TH AVE S LANDFILL 2752 6TH AV	2752 6TH AVE S	0 - 1/8 S	9	11
SYNERGISTIC PERFORMANCE CORP	2450 8TH AVE S	1/8 - 1/4 ENE	10	12
WEST SEATTLE TRANSMISSION	2920 6TH AVE S	1/8 - 1/4 S	E23	25
NORTHWEST MOTOR REPAIR	2930 6TH AVE S	1/8 - 1/4 S	E24	25
GRAY LINE OF SEATTLE	720 S FOREST ST	1/8 - 1/4 SSE	F25	26
AMERICAN TRAILER REPAIR SEATTL	2535 AIRPORT WAY S	1/8 - 1/4 E	I34	32
SEATTLE CITY ESD AIRPORT WAY	2700 AIRPORT WAY S	1/8 - 1/4 ESE	K36	33
SEATTLE PUBLIC UTILITIES OPERA	2700 AIRPORT WY S	1/8 - 1/4 ESE	K38	34
SEAFIRST BANK	2755 AIRPORT WAY S	1/8 - 1/4 ESE	K41	38
FRANZ SEATTLE BAKERY	2901 6TH AVE S	1/8 - 1/4 S	L43	39
NORDSTROM CATERING CORP	2415 AIRPORT WAY S	1/8 - 1/4 ENE	M48	44
VALLEY FREIGHTLINER INC	2401 AIRPORT WAY S	1/8 - 1/4 ENE	M51	45

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ELEPHANT CAR WASH	2763 4TH AVE S	1/8 - 1/4 WSW	C20	22
SMITH KLINE BIOSCIENCE LABS	2603 3RD AVE S	1/8 - 1/4 WSW	28	28
USPS VEHICLE MAINT PARKING F	400 S STACY ST	1/8 - 1/4 WNW	G29	29
PERFORMANCE ABATEMENT SERVICES	422 S FOREST ST	1/8 - 1/4 SW	J35	32
SEATTLE SOLID WSTE UTIL OIL CO	2915 4TH AVE S	1/8 - 1/4 SW	J52	46
ICI DULUX PAINTS	2925 4TH AVE S	1/8 - 1/4 SW	J53	46

STATE ASTM STANDARD

CSCSL: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the CSCSL list, as provided by EDR, has revealed that there are 26 CSCSL sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INDUSTRIAL PLATING CORP	2411 6TH S	0 - 1/8 N	5	7
SEATTLE PUBLIC UTILITIES OPERA	2700 AIRPORT WY S	1/8 - 1/4 ESE	K39	35
RAINIER BREWERY	3100 AIRPORT WAY S	1/4 - 1/2 SE	P65	60
PARK 90/5	2203 AIRPORT WAY S	1/4 - 1/2 NE	Q67	63
ALASKA COPPER & BRASS	3200 6TH AVE S	1/4 - 1/2 S	69	64
EMERALD PETROLEUM SERVICES INC	1500 AIRPORT WY S	1/2 - 1 NNE	AD110	97
METRO CENTRAL OPERATING BASE	1333 AIRPORT WY S	1/2 - 1 N	114	115
SPEAR TRUSTS WHSE	4001 6TH AV S	1/2 - 1 S	117	123
NORTHWEST PLATING	825 S DAKOTA	1/2 - 1 S	121	129

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
METRO PDH	2255 4TH AV S	1/4 - 1/2 NW	N55	47
PACIFIC IRON & METALS	2230 4TH AV S	1/4 - 1/2 NNW	N57	50
ACME INTERCITY FREIGHT	3414 2ND AVE S	1/2 - 1 SSW	104	88
SEATTLE CITY LIGHT MRWF	3613 4TH AV S	1/2 - 1 SSW	AC105	89
UNOCAL SS NO 5472	3460 1ST AVE S	1/2 - 1 SW	106	90
PACIFIC TRUCKING SEATTLE	300 S SPOKANE ST	1/2 - 1 SSW	107	92
RICCHIAZZI INDUSTRIAL PROPERTY	4424 / 4500 4TH AVE S	1/2 - 1 SSW	AC108	93
PORT OF SEATTLE TERM 30	2715 E MARGINAL WAY S	1/2 - 1 WNW	109	95
SEATTLE CITY LIGHT 4TH AVE S	3814 4TH AVE S	1/2 - 1 S	AE112	114
SEATTLE CITY LIGHT 4TH AVE S	3814 4TH AVE S	1/2 - 1 S	AE113	115
NELSON IRON WORKS	45 S SPOKANE ST	1/2 - 1 SW	115	118
GATX FACILITY	1733 ALASKAN WAY S	1/2 - 1 NW	116	120
US GSA	1555 ALASKAN WAY S	1/2 - 1 NW	118	125
MC TERMINALS	40 S SPOKANE ST	1/2 - 1 SW	119	126
VOPAK USA INC 1ST AVE S	4000 1ST AV S	1/2 - 1 SSW	120	127
WASHINGTON TRUCKING ASSOC	4101 4TH AVE S	1/2 - 1 S	122	130
CITY COMMERCE PARK	4115 1ST AVE S	1/2 - 1 SSW	123	132

EXECUTIVE SUMMARY

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Ecology's Leaking Underground Storage Tanks Site List.

A review of the LUST list, as provided by EDR, and dated 06/08/2001 has revealed that there are 37 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FRICTION SVCS INC	555 S LANDER ST	0 - 1/8 S	4	6
NORTHWEST MOTOR REPAIR	2930 6TH AVE S	1/8 - 1/4 S	E24	25
EVERGREEN TRAILS INC/LUST	720 SOUTH FOREST STREET	1/8 - 1/4 SSE	F26	27
CITY OF SEATTLE WATER DEPARTME	2700 AIRPORT WAY S	1/8 - 1/4 ESE	K40	36
UNITED STATES BAKERY DBA UNITE	2901 6TH AVE S	1/8 - 1/4 S	L44	40
LEE & EASTES TANK LINES INC	2418 AIRPORT WY S	1/8 - 1/4 ENE	M47	42
PUBLIX FRUIT & PRODUCE CO INC	2415 AIRPORT WAY S	1/8 - 1/4 ENE	M50	45
G HEILEMAN BREWING CO	3100 AIRPORT WAY SO	1/4 - 1/2 SE	P66	62
STACEY ST SOC 070B83	2203 AIRPORT WAY S	1/4 - 1/2 NE	Q68	64
TAYLOR EDWARDS INC	1930 6TH AVE S	1/4 - 1/2 N	U79	74
SCALZO CO	3211 AIRPORT WY S	1/4 - 1/2 SSE	W85	77
MACK TRUCK SALES & SERVICE	2025 AIRPORT WAY S.	1/4 - 1/2 NNE	X87	78
FOOD SERVICE INTERNATIONAL	801 SOUTH HOLGATE	1/4 - 1/2 NNE	Y89	79
OBERTO SAUSAGE COMPANY	2005 AIRPORT WAY SO	1/4 - 1/2 NNE	X92	81
MAUST TRANSFER CO	1762 6TH AVE SOUTH PO B	1/4 - 1/2 N	103	87

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NEWELL PROPERTIES	2730 FOURTH AVE S	1/8 - 1/4 WSW	C13	13
WESTERN PETROLEUM	2739 4TH AVE S	1/8 - 1/4 WSW	C14	15
TEXACO STATION #63-232-0043	2461 4TH AVE S	1/8 - 1/4 WNW	D16	16
HOEHNE INC.	2763 4TH AVE SO.	1/8 - 1/4 WSW	C21	23
EXXON 7-9532/CLOSED	2401 4TH AVE SO	1/8 - 1/4 NW	22	24
SCHUCKS AUTO SUPPLY	2905 4TH AVE S	1/8 - 1/4 SW	J45	41
POWER DISTRIBUTION HEADQUARTER	2255 4TH AVE S	1/4 - 1/2 NW	N56	49
ALASKA TRAFFIC CONSULTANTS INC	2214 FOURTH AVE S	1/4 - 1/2 NNW	O58	52
PACIFIC CHEM & CLEANING CO	2200 4TH S	1/4 - 1/2 NNW	O60	56
FLAJOLE BROTHERS INC	2201 4TH SO	1/4 - 1/2 NNW	O62	57
SEATTLE WA. LINE SEG 51 PRINT	2700 OCCIDENTAL ST S	1/4 - 1/2 W	R70	66
ANDYS DINER INC	3201 4TH AVE S	1/4 - 1/2 SSW	S72	67
PACIFIC EXPRESS	3215 4TH AVE S	1/4 - 1/2 SSW	S74	69
SEATTLE FIRE STATION 14	3224 4TH AVE S	1/4 - 1/2 SSW	S75	71
CHEVRON 2740 1ST S	2740 1ST AVE S	1/4 - 1/2 W	T76	71
GROWING GREEN INTERIORS	2959 FIRST AVE S	1/4 - 1/2 WSW	82	75
BUDGET RENT-A-CAR OF WASHINGTO	1961-4TH AVE SOUTH	1/4 - 1/2 NNW	83	76
STAR RENTALS & SALES	1919 4TH AVE S	1/4 - 1/2 NNW	Z90	79
JACK IN THE BOX 4TH & HOLGATE	1907 4TH AVE S	1/4 - 1/2 NNW	Z94	82
SEARS AUTOMOTIVE CENTER	2753 UTAH SOUTH	1/4 - 1/2 W	AA97	82
BURGER KING SITE	3301 4TH AVE S	1/4 - 1/2 SSW	AB99	85
REI WOODWORKING FORMER	3314 4TH AVE S	1/4 - 1/2 SSW	AB101	86

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the UST list, as provided by EDR, and dated 06/08/2001 has revealed that there are 19 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FRICTION SVCS INC	555 S LANDER ST	0 - 1/8 S	4	6

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SYSTEM TRANSFER & STORAGE COMP	2400 6TH AVENUE SOUTH	0 - 1/8 N	B8	11
SYSTEM TRANSFER & STORAGE COMP	2417 8TH AVENUE SOUTH	1/8 - 1/4 ENE	12	12
NORTHWEST MOTOR REPAIR	2930 6TH AVE S	1/8 - 1/4 S	E24	25
EVERGREEN TRAILS INC/LUST	720 SOUTH FOREST STREET	1/8 - 1/4 SSE	F26	27
PHOENIX OIL CO INC	2535 AIRPORT WAY S	1/8 - 1/4 E	I33	31
CITY OF SEATTLE WATER DEPARTME	2700 AIRPORT WAY S	1/8 - 1/4 ESE	K40	36
UNITED STATES BAKERY DBA UNITE	2901 6TH AVE S	1/8 - 1/4 S	L44	40
LEE & EASTES TANK LINES INC	2418 AIRPORT WY S	1/8 - 1/4 ENE	M47	42
PUBLIX FRUIT & PRODUCE CO INC	2415 AIRPORT WAY S	1/8 - 1/4 ENE	M50	45
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
NEWELL PROPERTIES	2730 FOURTH AVE S	1/8 - 1/4 WSW	C13	13
WESTERN PETROLEUM	2739 4TH AVE S	1/8 - 1/4 WSW	C15	15
TEXACO STATION #63-232-0043	2461 4TH AVE S	1/8 - 1/4 WNW	D16	16
USPS VEHICLE MAINTENANCE FACIL	2460 4TH AVE S	1/8 - 1/4 WNW	D18	21
J & B MOBILE REPAIR INC	2747 4TH AVE SOUTH	1/8 - 1/4 WSW	C19	22
HOEHNE INC.	2763 4TH AVE SO.	1/8 - 1/4 WSW	C21	23
EXXON 7-9532/CLOSED	2401 4TH AVE SO	1/8 - 1/4 NW	22	24
U.S. POSTAL SERVICE	2401-2445 3RD AVE S	1/8 - 1/4 WNW	H32	30
SCHUCKS AUTO SUPPLY	2905 4TH AVE S	1/8 - 1/4 SW	J45	41

STATE OR LOCAL ASTM SUPPLEMENTAL

ICR: These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

A review of the WA ICR list, as provided by EDR, has revealed that there are 39 WA ICR sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GRAY LINE OF SEATTLE	720 S FOREST ST	1/8 - 1/4 SSE	F25	26
SEATTLE WATER OPERATIONS	2700 AIRPORT WAY S.	1/8 - 1/4 ESE	K37	33
CITY OF SEATTLE WATER DEPARTME	2700 AIRPORT WAY S	1/8 - 1/4 ESE	K40	36
LANGENDORF BREAD	2901 6TH AVE. S.	1/8 - 1/4 S	L42	38
LEE & ESTES TANK LINES	2418 AIRPORT WAY S.	1/8 - 1/4 ENE	M46	41
NORDSTROM CATERING CORP.	2415 AIRPORT WAY S.	1/8 - 1/4 ENE	M49	44
MOTOR FREIGHT SERVICES	916 S. COLLEGE ST.	1/4 - 1/2 NE	63	59
RAINIER BREWING COMPANY	3100 AIRPORT WAY S.	1/4 - 1/2 SE	P64	59
TAYLOR EDWARDS INC	1930 6TH AVE S	1/4 - 1/2 N	U79	74
SCALZO COMPANY	3211 AIRPORT WAY S.	1/4 - 1/2 SSE	W84	77
TAYLOR EDWARDS TRANSFER	615 S. HOLGATE ST.	1/4 - 1/2 N	U86	77
MACK TRUCK SALES & SERVICE	2025 AIRPORT WAY S.	1/4 - 1/2 NNE	X87	78
FOOD SERVICE INTERNATIONAL	801 S. HOLGATE	1/4 - 1/2 NNE	Y88	78
OBERTO SAUSAGE CO.	2005 AIRPORT WAY S.	1/4 - 1/2 NNE	X91	80
ALASKA COPPER & BRASS	3405 6TH AVE. S.	1/4 - 1/2 S	102	87
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TEXACO #0043 (TWO REPORTS)	2641 4TH AVE. S.	1/8 - 1/4 W	11	12
NEWELL PROPERTIES	2730 FOURTH AVE S	1/8 - 1/4 WSW	C13	13
TEXACO #63 232 0043	2461 4TH AVE. S.	1/8 - 1/4 WNW	D17	17
ELEPHANT CAR WASH	2763 4TH AVE S	1/8 - 1/4 WSW	C20	22

EXECUTIVE SUMMARY

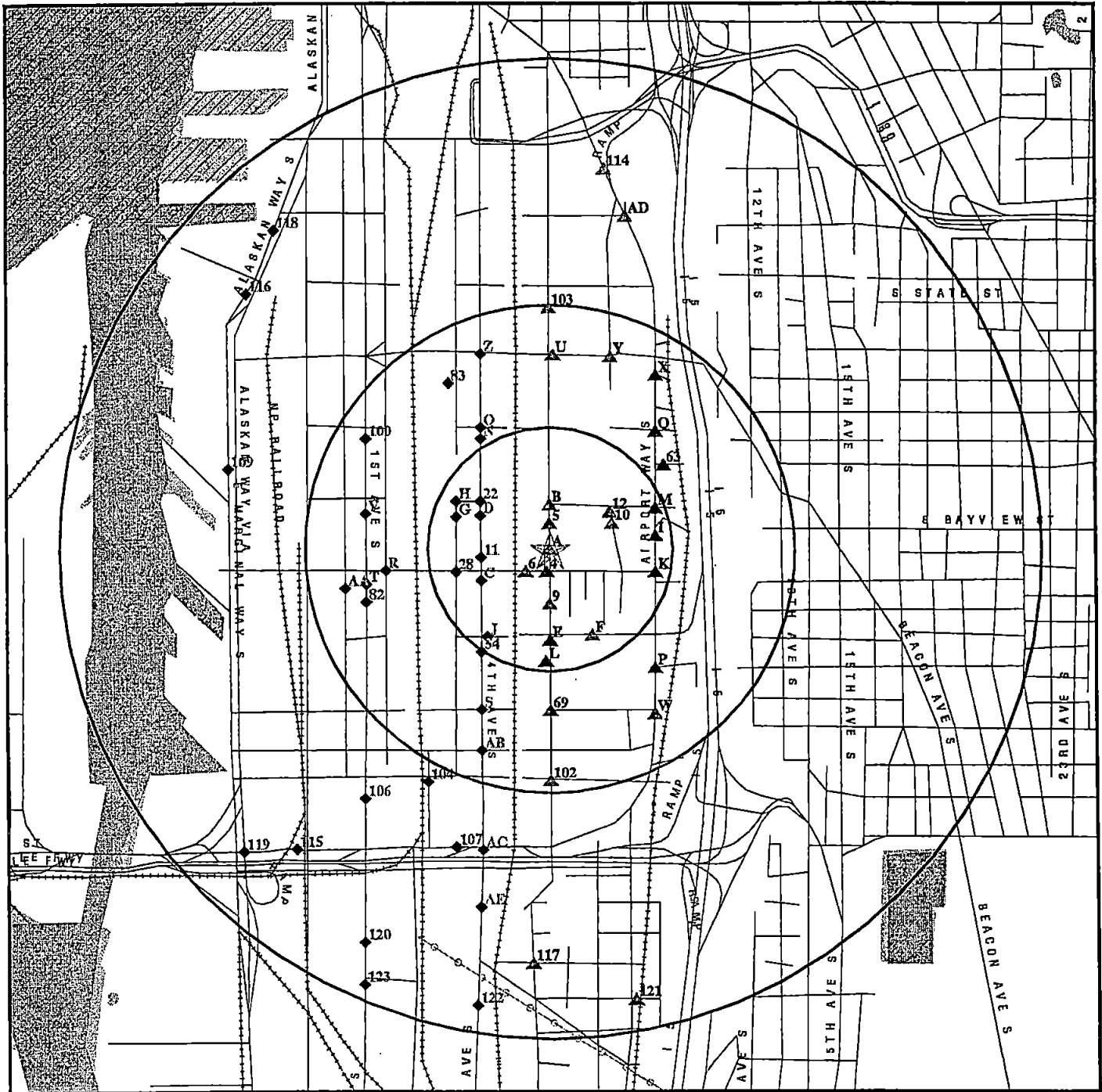
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SEATTLE GENERAL MAIL FACILITY	2445 3RD AVE. S.	1/8 - 1/4 WNW G30		29
US POSTAL SERVICE TERMINAL STA	2401-2445 3RD AVE. S.	1/8 - 1/4 WNW H31		30
U.S. POSTAL SERVICE	2401-2445 3RD AVE S	1/8 - 1/4 WNW H32		30
SCHUCKS AUTO SUPPLY	2905 4TH AVE S	1/8 - 1/4 SW J45		41
ANDY'S DINER	2963 4TH AVE. S.	1/4 - 1/2 SW 54		46
ALASKA TRAFFIC CONSULTANTS INC	2214 FOURTH AVE S	1/4 - 1/2 NNW O58		52
ARCO #4090	2200 4TH AVE. S.	1/4 - 1/2 NNW O59		53
FLAJOLE BROTHERS INC	2201 4TH AVE S	1/4 - 1/2 NNW O61		57
BNR OCCIDENTAL	2700 OCCIDENTAL ST. S.	1/4 - 1/2 W R71		66
BP/SOUTHCENTER OIL	3215 4TH AVE. S.	1/4 - 1/2 SSW S73		67
CHEVRON #9 9168	2740 1ST AVE. S.	1/4 - 1/2 W T77		72
CHEVRON #9 9168 (TWO REPORTS)	2751 1ST AVE. S.	1/4 - 1/2 WSW T78		73
SEARS SERVICE STATION (FORMER)	2465 1ST AVE. S.	1/4 - 1/2 W V80		74
SEARS SERVICE STATION (FORMER)	2465 1ST AVE. S.	1/4 - 1/2 W V81		75
JACK IN THE BOX	1907 4TH AVE. S.	1/4 - 1/2 NNW Z93		81
SEARS AUTO SERVICE CENTER (TWO	2753 UTAH AVE.	1/4 - 1/2 W AA95		82
SEARS AUTO SERVICE CENTER	2753 UTAH AVE.	1/4 - 1/2 W AA96		82
BURGER KING SITE	3301 4TH AVE. S.	1/4 - 1/2 SSW AB98		85
THRIFTY OFFICE FURNITURE	2233 1ST AVE. S.	1/4 - 1/2 WNW 100		85
REI WOODWORKING FORMER	3314 4TH AVE S	1/4 - 1/2 SSW AB101		86

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
SOUTHPARK LANDFILL	CSCSL
EAST WEST INVESTMENTS	CSCSL
GEORGETOWN CENTER	CSCSL
SOUTH TS / SOUTH HHW FACILITY - MR	SWF/LF
EAST-WEST INVESTMENTS	LUST
MCKINSTRY CO	RCRIS-SQG, FINDS
HANFORD DRUMS	RCRIS-SQG, FINDS
SHELL #20597	WA ICR
HOME DEPOT	WA ICR
CALIFORNIA AVE. LAW APTS. PROP.	WA ICR
VICTORIAN ROW APARTMENTS	WA ICR
US POSTAL SERVICE STATION (TWO REP	WA ICR
SR 99 & FIRST AVE. BRIDGE SPILL/WS	WA ICR
WSDOT - SIGNALS	WA ICR
SHELL #20597	WA ICR
SHELL #20597 (TWO REPORTS)	WA ICR

OVERVIEW MAP - 1670328.3p - Clayton Group Services



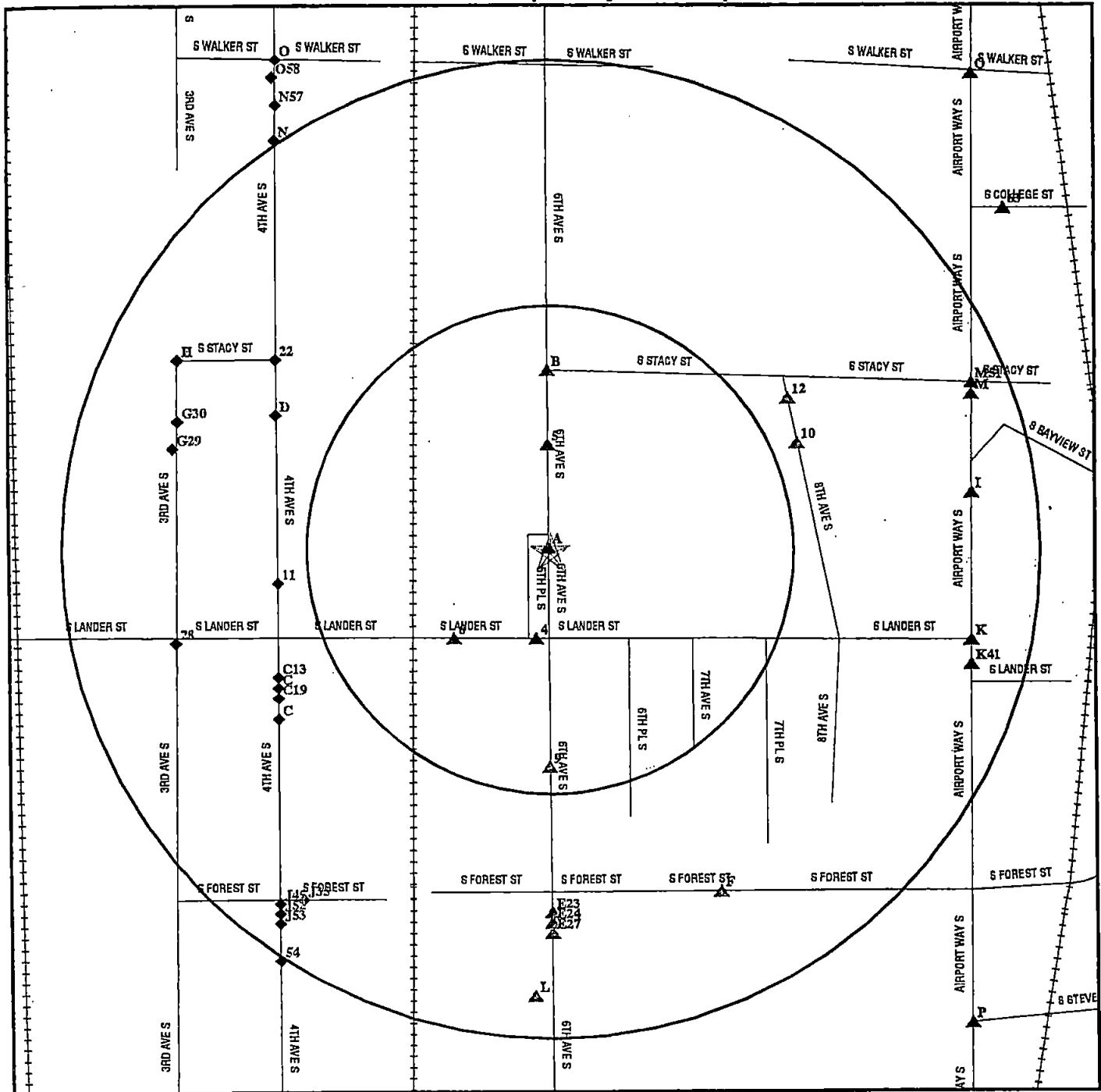
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- National Priority List Sites
- Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ Wetlands

TARGET PROPERTY: 2450 6th Avenue South
 ADDRESS: 2450 6th Avenue South
 CITY/STATE/ZIP: Seattle WA 98134
 LAT/LONG: 47.5803 / 122.3259

CUSTOMER: Clayton Group Services
 CONTACT: Jeremy Fichter
 INQUIRY #: 1670328.3p
 DATE: August 17, 2001 4:31 pm

DETAIL MAP - 1670328.3p - Clayton Group Services



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- ▲ Sensitive Receptors
- National Priority List Sites
- Landfill Sites

- ~ Power transmission lines
- ~ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone

TARGET PROPERTY: 2450 6th Avenue South
 ADDRESS: 2450 6th Avenue South
 CITY/STATE/ZIP: Seattle WA 98134
 LAT/LONG: 47.5803 / 122.3259

CUSTOMER: Clayton Group Services
 CONTACT: Jeremy Fichter
 INQUIRY #: 1670328.3p
 DATE: August 17, 2001 4:32 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	1	2	NR	NR	NR	3
CORRACTS		1.000	0	0	0	1	NR	1
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	1	1	NR	NR	NR	2
RCRIS Sm. Quan. Gen.	X	0.250	5	17	NR	NR	NR	22
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
CSCSL		1.000	1	1	5	19	NR	26
HSL		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	1	12	24	NR	NR	37
UST	X	0.250	2	17	NR	NR	NR	19
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
WA ICR		0.500	0	14	25	NR	NR	39
CSCSL NFA		TP	NR	NR	NR	NR	NR	0
WA Emissions		TP	NR	NR	NR	NR	NR	0
<u>EDR PROPRIETARY DATABASES</u>								
Coal Gas		1.000	0	0	0	0	NR	0
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

A1 INDUSTRIAL WAREHOUSE
Target 2450 6TH AVE S
Property SEATTLE, WA 98134

RCRIS-SQG 1000660058
FINDS WAD988497392

Site 1 of 3 In cluster A

RCRIS:

Owner: INDUSTRIAL WAREHOUSE
(360) 555-1212

Contact: ROBERT KASSNER
(206) 624-3040

Record Date: Not reported

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRIS

A2 INDUSTRIAL TRANSFER & STORAGE CO. INC.
Target 2450 SIXTH AVENUE SOUTH
Property SEATTLE, WA 98134

UST U003025553
N/A

Site 2 of 3 In cluster A

UST:

Facility ID: 1130
Install Date: 1/1/1978 0:00
Capacity: Not reported
Status: Removed
Tank Name: 4
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 1130
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL TRANSFER & STORAGE CO. INC. (Continued)

U003025553

Facility ID: 1130
Install Date: 1/1/1973 0:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 2
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 1130
Install Date: 1/1/1973 0:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 3
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

A3
NW
< 1/8
11
Higher

COMMERCIAL STACK HEAT TREATERS
2447 6TH AVE S
SEATTLE, WA 98134

RCRIS-SQG 1000298178
FINDS WAD980980254

Site 3 of 3 in cluster A

RCRIS:

Owner: COMMERCIAL STACK HEAT TREATERS
(360) 555-1212

Contact: GEORGE CHIAROA
(206) 622-8960

Record Date: Not reported
Classification: Not reported
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRIS

4
South
< 1/8
237
Higher

FRICTION SVCS INC
555 S LANDER ST
SEATTLE, WA 98134

RCRIS-SQG 1000181087
FINDS WAD051236313
UST
LUST

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FRICION SVCS INC (Continued)

1000181087

RCRIS:
Owner: FRICION SVCS INC
 (360) 555-1212

Contact: PHIL HARPER
 (253) 859-8281

Record Date: 01/29/1991
Classification: Not reported
Used Oil Recyc: No

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RCRIS

LUST:
Facility ID: 10940 Ecology Region: North Western
Release ID: 5148 Release Date: 2/14/1994 0:00
Release Status: CLEANUP STARTED Status Date: 9/30/1995 0:00
Alternate Name: HOVDE ELECTRIC
Affected Media: SOIL

UST:
Facility ID: 10940
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 10940
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 3
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 10940
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Tank Material: Not reported
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

5
North
< 1/8
286
Higher

INDUSTRIAL PLATING CORP
2411 6TH S
SEATTLE, WA 98134

FINDS 1000428537
RCRIS-LQG WAD009491200
CERC-NFRAP
CSCSL

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

INDUSTRIAL PLATING CORP (Continued)

1000428537

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported

Ownership Status: Other

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY

Completed: 19800813

Assessment: PRELIMINARY ASSESSMENT

Completed: 19840928

Assessment: SITE INSPECTION

Completed: 19851009

RCRIS:

Owner: INDUSTRIAL PLATING CORP

Contact: BOB JAMES
(206) 624-1814

Record Date: 12/31/1999

Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	779.78	D002	40182.12
D006	37758200.00	D007	37715832.12
D008	45335.00	D018	335.00
D039	335.00	D040	335.00
F003	779.78	F005	979.78
F006	83200.00		

Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	02/17/1999
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	02/17/1999
Actual Date Achieved Compliance:	02/17/1999

Enforcement Action:	Written Informal
Enforcement Action Date:	04/08/1999
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported

Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	02/17/1999
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	02/17/1999
Actual Date Achieved Compliance:	02/17/1999

Enforcement Action:	Written Informal
Enforcement Action Date:	04/08/1999
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported

There are 2 violation record(s) reported at this site:

Evaluation

CAV

Area of Violation

Generator-All Requirements
Generator-All Requirements

Date of

Compliance

02/17/1999
02/17/1999

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

INDUSTRIAL PLATING CORP (Continued)

1000428537

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)
BRS
Enforcement Docket System (DOCKET)
National Compliance Database (NCDB)
RCRIS
TRIS

SHWS:

Facility ID: 2133
Responsible Unit: NW
Latitude: 47 34 56
Longitude: 122 10 24
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
4 - Moderate to lowest assessed risk to human health and to the environment
Affected Media: Ground Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	19
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2133
Responsible Unit: NW
Latitude: 47 34 56
Longitude: 122 10 24
Ecology Site Status relative to the MTCA cleanup process:
Ranked, Awaiting Remedial Action (RA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
4 - Moderate to lowest assessed risk to human health and to the environment
Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

INDUSTRIAL PLATING CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000428537

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	19
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

6
SW
< 1/8
351
Higher

STACK STEEL SUPPLY CO
500 S LANDER
SEATTLE, WA 98134

RCRIS-SQG 1000172987
FINDS WAD007943277

RCRIS:

Owner: STACK STEEL SUPPLY CO
(360) 555-1212

Contact: JAMES STOBBER
(206) 623-6672

Record Date: 08/09/1991
Classification: Not reported
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRIS

B7
North
< 1/8
488
Higher

SYSTEM TRANSFER & STORAGE CO
2400 6TH AVE S
SEATTLE, WA 98134

RCRIS-SQG 1000419572
FINDS WAD980975874

Site 1 of 2 in cluster B

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SYSTEM TRANSFER & STORAGE CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000419572

RCRIS:

Owner: WESTRANSCO FREIGHT CO
(360) 555-1212

Contact: JACK PENNINGTON
(206) 624-7074

Record Date: Not reported

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRIS

B8
North
< 1/8
488
Higher

SYSTEM TRANSFER & STORAGE COMPANY
2400 6TH AVENUE SOUTH
SEATTLE, WA 98134

UST U001122688
N/A

Site 2 of 2 in cluster B

UST:

Facility ID: 2301
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

9
South
< 1/8
585
Higher

6TH AVE S LANDFILL 2752 6TH AVE S
2752 6TH AVE S
SEATTLE, WA 98134

RCRIS-SQG 1000411121
FINDS WAD052583044
CSCSL NFA

RCRIS:

Owner: NORTHWEST WIRE WKS INC
(360) 555-1212

Contact: ANDY HAMILTON

Record Date: 07/02/1997

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

6TH AVE S LANDFILL 2752 6TH AVE S (Continued)

1000411121

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRIS

WA NFA:

Facility/Site Id : 2585
Ecology Status : Independent Remedial Action
Independent Status Code : Final Independent RA Report received
WARM Bin Number : Not reported
NFA Code : NFA after Assessment IRAP or VCP
NFA Date : 11/12/1997 00:00:00

10
ENE
1/8-1/4
729
Higher

SYNERGISTIC PERFORMANCE CORP
2450 8TH AVE S
SEATTLE, WA 98134

RCRIS-SQG 1000838086
FINDS WAD083349209

RCRIS:

Owner: SYNERGISTIC PERFORMANCE CORP
(360) 555-1212

Contact: BILL CLARY
(800) 762-4029

Record Date: 12/31/1994

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

National Compliance Database (NCDB)

RCRIS

11
West
1/8-1/4
745
Lower

TEXACO #0043 (TWO REPORTS)
2641 4TH AVE. S.
SEATTLE, WA 98134

WA ICR S103511454
N/A

WA ICR:

Date Ecology Received Report: 02/05/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-20
County Code: 17
Contact: Not reported
Report Title: Not reported

12
ENE
1/8-1/4
765
Higher

SYSTEM TRANSFER & STORAGE COMPANY
2417 8TH AVENUE SOUTH
SEATTLE, WA 98134

UST U001122689
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SYSTEM TRANSFER & STORAGE COMPANY (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001122689

UST:

Facility ID: 2302
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

C13
WSW
1/8-1/4
813
Lower

NEWELL PROPERTIES
2730 FOURTH AVE S
SEATTLE, WA 98134

UST
WA ICR
LUST

U002037983
N/A

Site 1 of 6 in cluster C

LUST:

Facility ID: 102335 Ecology Region: North Western
Release ID: 5283 Release Date: 5/25/1994 0:00
Release Status: MONITORING Status Date: 6/1/1995 0:00
Alternate Name: NEWELL PROPERTIES
Affected Media: SOIL

Facility ID: 102335 Ecology Region: North Western
Release ID: 5283 Release Date: 5/25/1994 0:00
Release Status: CLEANUP STARTED Status Date: 9/13/1994 0:00
Alternate Name: NEWELL PROPERTIES
Affected Media: SOIL

Facility ID: 102335 Ecology Region: North Western
Release ID: 5283 Release Date: 5/25/1994 0:00
Release Status: MONITORING Status Date: 6/1/1995 0:00
Alternate Name: NEWELL PROPERTIES
Affected Media: GROUND WATER

Facility ID: 102335 Ecology Region: North Western
Release ID: 5283 Release Date: 5/25/1994 0:00
Release Status: CLEANUP STARTED Status Date: 9/13/1994 0:00
Alternate Name: NEWELL PROPERTIES
Affected Media: GROUND WATER

WA ICR:

Date Ecology Received Report: 04/09/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-03
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/20/1997
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NEWELL PROPERTIES (Continued)

EDR ID Number
EPA ID Number

Database(s)

U002037983

Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-13
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 10/12/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-18
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 10/26/1999
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-19
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 12/07/1994
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-42
County Code: 17
Contact: Not reported
Report Title: Not reported

UST:

Facility ID: 102335
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NEWELL PROPERTIES (Continued)

EDR ID Number
EPA ID Number

Database(s)

U002037983

Facility ID: 102335
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 2
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 102335
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: REMOVED
Tank Name: 3
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

C14
WSW
1/8-1/4
826
Lower

WESTERN PETROLEUM
2739 4TH AVE S
SEATTLE, WA 98121

LUST S101509314
N/A

Site 2 of 6 in cluster C

LUST:

Facility ID: 200267
Release ID: 1423
Release Status: REPORTED CLEANED UP
Alternate Name: WESTERN PETROLEUM
Affected Media: SOIL

Ecology Region: North Western
Release Date: 6/26/1989 0:00
Status Date: 5/21/1995 0:00

Facility ID: 200267
Release ID: 1423
Release Status: CLEANUP STARTED
Alternate Name: WESTERN PETROLEUM
Affected Media: SOIL

Ecology Region: North Western
Release Date: 6/26/1989 0:00
Status Date: 6/26/1989 0:00

C15
WSW
1/8-1/4
826
Lower

WESTERN PETROLEUM
2739 4TH AVE S
SEATTLE, WA 98121

UST U003750026
N/A

Site 3 of 6 in cluster C

UST:

Facility ID: 200267
Install Date: Not reported
Capacity: Not reported
Status: REMOVED
Tank Name: 2
Tank Material: Not reported
Substance: Not reported
Compartment #: Not reported
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

WESTERN PETROLEUM (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003750026

Facility ID: 200267
Install Date: Not reported
Capacity: Not reported
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

D16 TEXACO STATION #63-232-0043
WNW 2461 4TH AVE S
1/8-1/4 SEATTLE, WA 98134
829
Lower Site 1 of 3 In cluster D

UST U003026997
LUST N/A

LUST:

Facility ID: 4462
Release ID: 3305
Release Status: MONITORING
Alternate Name: TEXACO 63 232 0043
Affected Media: SOIL

Ecology Region: North Western
Release Date: 5/13/1992 0:00
Status Date: 11/15/1993 0:00

Facility ID: 4462
Release ID: 3305
Release Status: CLEANUP STARTED
Alternate Name: TEXACO 63 232 0043
Affected Media: SOIL

Ecology Region: North Western
Release Date: 5/13/1992 0:00
Status Date: 5/13/1992 0:00

Facility ID: 4462
Release ID: 3305
Release Status: MONITORING
Alternate Name: TEXACO 63 232 0043
Affected Media: GROUND WATER

Ecology Region: North Western
Release Date: 5/13/1992 0:00
Status Date: 11/15/1993 0:00

Facility ID: 4462
Release ID: 3305
Release Status: CLEANUP STARTED
Alternate Name: TEXACO 63 232 0043
Affected Media: GROUND WATER

Ecology Region: North Western
Release Date: 5/13/1992 0:00
Status Date: 5/13/1992 0:00

UST:

Facility ID: 4462
Install Date: 1/1/1987 0:00
Capacity: Not reported
Status: CLOSURE IN PROCESS
Tank Name: 5
Tank Material: Not reported
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

TEXACO STATION #63-232-0043 (Continued)

Database(s) EDR ID Number
EPA ID Number

U003026997

Facility ID: 4462
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Exempt
Tank Name: 6
Tank Material: Fiberglass Reinforced Plastic
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 4462
Install Date: 1/1/1984 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 4
Tank Material: Fiberglass Reinforced Plastic
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 4462
Install Date: 1/1/1984 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 1
Tank Material: Fiberglass Reinforced Plastic
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 4462
Install Date: 1/1/1984 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 2
Tank Material: Fiberglass Reinforced Plastic
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 4462
Install Date: 1/1/1984 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 3
Tank Material: Fiberglass Reinforced Plastic
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

D17 TEXACO #63 232 0043
WNW 2461 4TH AVE. S.
1/8-1/4 SEATTLE, WA 98134
829
Lower Site 2 of 3 in cluster D

WA ICR 1000660674
N/A

WA ICR:
Date Ecology Received Report: 11/19/1997

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TEXACO #63 232 0043 (Continued)

1000660674

Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 95-15
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 03/18/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-02
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 10/07/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-08
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 11/10/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-13
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/30/1999
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-18
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 02/10/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TEXACO #63 232 0043 (Continued)

1000660674

Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-24
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 06/13/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-26
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 06/16/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-08
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 06/16/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-08
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/07/1995
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-49
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 05/22/1995
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater
Cause of Contamination: Tank
Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TEXACO #63 232 0043 (Continued)

1000660674

Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-05
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/18/1995
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-07
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/04/1995
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-48
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/01/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-25
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 07/05/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-32
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/01/1997
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 95-01

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TEXACO #63 232 0043 (Continued)

1000660674

County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 12/26/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-32
County Code: 17
Contact: Not reported
Report Title: Monitoring - October 2000

D18
WNW
1/8-1/4
829
Lower

USPS VEHICLE MAINTENANCE FACILITY
2460 4TH AVE S
SEATTLE, WA 98134

Site 3 of 3 in cluster D

UST U001128408
N/A

UST:

Facility ID: 101546
Install Date: 10/1/1991 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: REMOVED
Tank Name: 5
Tank Material: Fiberglass Reinforced Plastic
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 101546
Install Date: 10/1/1991 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 6
Tank Material: Fiberglass Reinforced Plastic
Substance: Diesel
Compartment #: 1
Ecology Region: North Western

Facility ID: 101546
Install Date: 10/1/1991 0:00
Capacity: 111 to 1,100 Gallons
Status: Operational
Tank Name: 0
Tank Material: Fiberglass Reinforced Plastic
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

USPS VEHICLE MAINTENANCE FACILITY (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001128408

Facility ID: 101546
Install Date: 10/1/1991 0:00
Capacity: 111 to 1,100 Gallons
Status: Operational
Tank Name: 00W
Tank Material: Fiberglass Reinforced Plastic
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 101546
Install Date: 10/1/1991 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 7
Tank Material: Fiberglass Reinforced Plastic
Substance: Unleaded Gasoline
Compartment #: 1
Ecology Region: North Western

C19
WSW
1/8-1/4
839
Lower

J & B MOBILE REPAIR INC
2747 4TH AVE SOUTH
SEATTLE, WA 98134

UST U000587615
N/A

Site 4 of 6 in cluster C

UST:

Facility ID: 2469
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Tank Material: Not reported
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

C20
WSW
1/8-1/4
867
Lower

ELEPHANT CAR WASH
2763 4TH AVE S
SEATTLE, WA 98134

RCRIS-SQG 1000346912
FINDS WAD988468674
WA ICR

Site 5 of 6 in cluster C

RCRIS:

Owner: ELEPHANT CAR WASH HOEHNE INC
(360) 555-1212
Contact: BOB DAVIS
(253) 804-3498
Record Date: 04/16/1999
Classification: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ELEPHANT CAR WASH (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000346912

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRIS

WA ICR:

Date Ecology Received Report: 09/16/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 93-11
County Code: 17
Contact: Not reported
Report Title: Not reported

C21
WSW
1/8-1/4
867
Lower

HOEHNE INC.
2763 4TH AVE SO.
SEATTLE, WA 98134

UST U000921063
LUST N/A

Site 6 of 6 in cluster C

LUST:

Facility ID: 4916 Ecology Region: North Western
Release ID: 4752 Release Date: 9/16/1993 0:00
Release Status: CLEANUP STARTED Status Date: 9/16/1993 0:00
Alternate Name: ELEPHANT CAR WASH
Affected Media: SOIL

Facility ID: 4916 Ecology Region: North Western
Release ID: 4752 Release Date: 9/16/1993 0:00
Release Status: REPORTED CLEANED UP Status Date: 9/15/1993 0:00
Alternate Name: ELEPHANT CAR WASH
Affected Media: SOIL

UST:

Facility ID: 4916
Install Date: 1/1/1973 0:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Tank Material: Not reported
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 4916
Install Date: 1/1/1973 0:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Tank Material: Not reported
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

HOEHNE INC. (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000921063

Facility ID: 4916
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 4
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 4916
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 3
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

22
NW
1/8-1/4
906
Lower

EXXON 7-9532/CLOSED
2401 4TH AVE SO
SEATTLE, WA 98134

UST U000801542
LUST N/A

LUST:

Facility ID: 9523 Ecology Region: North Western
Release ID: 2655 Release Date: 6/3/1988 0:00
Release Status: REPORTED CLEANED UP Status Date: 6/1/1995 0:00
Alternate Name: EXXON STATION # 7-9532
Affected Media: SOIL

Facility ID: 9523 Ecology Region: North Western
Release ID: 2655 Release Date: 6/3/1988 0:00
Release Status: CLEANUP STARTED Status Date: 6/3/1988 0:00
Alternate Name: EXXON STATION # 7-9532
Affected Media: SOIL

UST:

Facility ID: 9523
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EXXON 7-9532/CLOSED (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000801542

Facility ID: 9523
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 9523
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 3
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 9523
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 4
Tank Material: Steel-Unprotected
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

E23
South
1/8-1/4
977
Higher

WEST SEATTLE TRANSMISSION
2920 6TH AVE S
SEATTLE, WA 98168

RCRIS-SQG 1000878855
FINDS WAD988521829

Site 1 of 3 in cluster E

RCRIS:
Owner: WEST SEATTLE TRANSMISSION
(360) 555-1212
Contact: DALE VERNON
(206) 246-6050
Record Date: 12/29/1997
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RCRIS

E24
South
1/8-1/4
1004
Higher

NORTHWEST MOTOR REPAIR
2930 6TH AVE S
SEATTLE, WA 98134
Site 2 of 3 in cluster E

RCRIS-SQG 1000128234
FINDS WAD982658965
UST
LUST

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NORTHWEST MOTOR REPAIR (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000128234

RCRIS:

Owner: NORTHWEST MOTOR REPAIR
(360) 555-1212

Contact: RICHARD MILLER
(206) 624-4451

Record Date: Not reported

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRIS

LUST:

Facility ID: 200725 Ecology Region: North Western
Release ID: 1636 Release Date: 12/11/1989 0:00
Release Status: REPORTED CLEANED UP Status Date: 5/21/1995 0:00
Alternate Name: NORTHWEST MOTOR PARTS
Affected Media: SOIL

Facility ID: 200725 Ecology Region: North Western
Release ID: 1636 Release Date: 12/11/1989 0:00
Release Status: CLEANUP STARTED Status Date: 12/11/1989 0:00
Alternate Name: NORTHWEST MOTOR PARTS
Affected Media: SOIL

UST:

Facility ID: 200725
Install Date: Not reported
Capacity: Not reported
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 200725
Install Date: Not reported
Capacity: Not reported
Status: REMOVED
Tank Name: 2
Tank Material: Not reported
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

F25 GRAY LINE OF SEATTLE
SSE 720 S FOREST ST
1/8-1/4 SEATTLE, WA 98134
1028
Higher Site 1 of 2 in cluster F

RCRIS-SQG 1000920609
FINDS WA0000568873
WA ICR

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GRAY LINE OF SEATTLE (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000920609

RCRIS:

Owner: ALASKA COPPER AND BRASS CO
(206) 623-5800

Contact: GERALD ROBBINS
(206) 626-6091

Record Date: 02/19/1998

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRIS

WA ICR:

Date Ecology Received Report: 08/14/1990
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank, Landfill
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 90-10
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/11/1991
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 92-39
County Code: 17
Contact: Not reported
Report Title: Not reported

F26
SSE
1/8-1/4
1028
Higher

EVERGREEN TRAILS INC/LUST
720 SOUTH FOREST STREET
SEATTLE, WA 98134
Site 2 of 2 in cluster F

UST U001122326
LUST N/A

LUST:

Facility ID: 1395 Ecology Region: North Western
Release ID: 1808 Release Date: 5/3/1990 0:00
Release Status: CLEANUP STARTED Status Date: 9/28/1995 0:00
Alternate Name: GRAY LINE OF SEATTLE
Affected Media: SOIL

Facility ID: 1395 Ecology Region: North Western
Release ID: 1808 Release Date: 5/3/1990 0:00
Release Status: CLEANUP STARTED Status Date: 9/28/1995 0:00
Alternate Name: GRAY LINE OF SEATTLE
Affected Media: GROUND WATER

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

EVERGREEN TRAILS INC/LUST (Continued)

U001122326

UST:

Facility ID: 1395
Install Date: 12/31/1964 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Removed
Tank Name: 1
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 1395
Install Date: 12/31/1964 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: Removed
Tank Name: 2
Tank Material: Not reported
Substance: MOTOR OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 1395
Install Date: 12/31/1964 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: Removed
Tank Name: 3
Tank Material: Not reported
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

E27 SHERWIN WILLIAMS PAINT CO 6TH AVE SEATTL
South 2940 6TH AVE S
1/8-1/4 SEATTLE, WA 98134
1032
Higher Site 3 of 3 in cluster E

FINDS 1001491068
RCRIS-LQG WAH000006551

RCRIS:

Owner: SHERWIN WILLIAMS PAINT CO
(360) 555-1212

Contact: TOM SKINNER
(206) 622-3896

Record Date: 12/31/1999
Classification: Large Quantity Generator
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRIS

28 SMITH KLINE BIOSCIENCE LABS
WSW 2603 3RD AVE S
1/8-1/4 SEATTLE, WA 98134
1042
Lower

RCRIS-SQG 1000406144
FINDS WAD083726646

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SMITH KLINE BIOSCIENCE LABS (Continued)

1000406144

RCRIS:

Owner: SMITH KLINE BIOSCIENCE LABS
(360) 555-1212

Contact: RICK ZIMMER
(206) 623-8100

Record Date: Not reported

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRIS

G29 USPS VEHICLE MAINT PARKING F
WNW 400 S STACY ST
1/8-1/4 SEATTLE, WA 98124
1058
Lower Site 1 of 2 in cluster G

RCRIS-SQG 1000474216
FINDS WA7180000120

RCRIS:

Owner: USPS
(360) 555-1212

Contact: JAMES KIKUCHI
(206) 521-0430

Record Date: 06/06/1994

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Federal Facility Information System (FFIS)
RCRIS

G30 SEATTLE GENERAL MAIL FACILITY (TWO REPORTS)
WNW 2445 3RD AVE. S.
1/8-1/4 SEATTLE, WA 98134
1067
Lower Site 2 of 2 in cluster G

WA ICR S104485176
N/A

WA ICR:

Date Ecology Received Report: 09/15/1998
Contaminants Found at Site: Petroleum products
PCB's
Volatile Organic Compounds
Media Contaminated: Groundwater, Soil
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-08
County Code: 17
Contact: Not reported
Report Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site
Database(s)
EDR ID Number
EPA ID Number

H31 US POSTAL SERVICE TERMINAL STATION
WNW 2401-2445 3RD AVE. S.
1/8-1/4 SEATTLE, WA 98134
1132
Lower Site 1 of 2 in cluster H

WA ICR 1001805528
N/A

WA ICR:

Date Ecology Received Report: 03/10/1995
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-48
County Code: 17
Contact: Not reported
Report Title: Not reported

H32 U.S. POSTAL SERVICE
WNW 2401-2445 3RD AVE S
1/8-1/4 SEATTLE, WA 98134
1132
Lower Site 2 of 2 in cluster H

UST U001123657
WA ICR N/A

WA ICR:

Date Ecology Received Report: 10/07/1991
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-40
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/05/1994
Contaminants Found at Site: Total petroleum hydrocarbons
Media Contaminated: Soil
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-18
County Code: 17
Contact: Not reported
Report Title: Not reported

UST:

Facility ID: 4559
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 3
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

U.S. POSTAL SERVICE (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001123657

Facility ID: 4559
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: ONE
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 4559
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 4559
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 4
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 4559
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

I33
East
1/8-1/4
1146
Higher

PHOENIX OIL CO INC
2535 AIRPORT WAY S
SEATTLE, WA 98134
Site 1 of 2 in cluster 1

UST U003029093
N/A

UST:

Facility ID: 97507
Install Date: 10/1/1987 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 3
Tank Material: Coated Steel
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PHOENIX OIL CO INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003029093

Facility ID: 97507
Install Date: 10/1/1987 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 1
Tank Material: COATED STEEL
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 97507
Install Date: 10/1/1987 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 2
Tank Material: Coated Steel
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

I34
East
1/8-1/4
1146
Higher

AMERICAN TRAILER REPAIR SEATTLE
2535 AIRPORT WAY S
SEATTLE, WA 98134

RCRIS-SQG 1000373138
FINDS WAH988468880

Site 2 of 2 in cluster I

RCRIS:

Owner: AMERICAN TRAILER REPAIR SEATTLE
Contact: MICHAEL MANSON
(206) 682-9596

Record Date: 02/15/2000
Classification: Not reported
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRIS

J35
SW
1/8-1/4
1158
Lower

PERFORMANCE ABATEMENT SERVICES INC
422 S FOREST ST
SEATTLE, WA 98134

RCRIS-SQG 1001969645
FINDS WAH000010058

Site 1 of 4 in cluster J

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PERFORMANCE ABATEMENT SERVICES INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001969645

RCRIS:

Owner: PERFORMANCE ABATEMENT SERVICES INC
(206) 467-8733

Contact: GARY HASHBARGER
(206) 467-8733

Record Date: 11/05/1999

Classification: Large Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRIS

K36
ESE
1/8-1/4
1157
Higher

SEATTLE CITY ESD AIRPORT WAY
2700 AIRPORT WAY S
SEATTLE, WA 98134

RCRIS-SQG 1000421914
FINDS WAD980977839

Site 1 of 6 in cluster K

RCRIS:

Owner: SEATTLE CITY
(206) 684-0142

Contact: PAUL NIKOLAISEN
(206) 386-1197

Record Date: 07/17/1997

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
BRS
RCRIS

K37
ESE
1/8-1/4
1157
Higher

SEATTLE WATER OPERATIONS
2700 AIRPORT WAY S.
SEATTLE, WA 98134

WA ICR S103503598
N/A

Site 2 of 6 in cluster K

WA ICR:

Date Ecology Received Report: 12/04/1997
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 95-17
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 03/18/1994

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SEATTLE WATER OPERATIONS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103503598

Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-05
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 02/09/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-24
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 05/08/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-26
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 12/19/1995
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-50
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/02/1997
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-50
County Code: 17
Contact: Not reported
Report Title: Not reported

K38 SEATTLE PUBLIC UTILITIES OPERATIONS CTR
ESE 2700 AIRPORT WY S
1/8-1/4 SEATTLE, WA 98134
1157
Higher Site 3 of 6 In cluster K

RCRIS-SQG 1000421924
WAD980981229

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SEATTLE PUBLIC UTILITIES OPERATIONS CTR (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000421924

RCRIS:

Owner: SEATTLE PUBLIC UTILITIES
(206) 233-5172

Contact: JOSEPH BROUSSARD
(206) 233-2008

Record Date: 12/31/1998

Classification: Small Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	3432.24	D002	30.02
D008	2801.92	D035	245.00
D039	245.00	F003	225.00
F005	225.00		

Used Oil Recyc: No

Violation Status: No violations found

K39
ESE
1/8-1/4
1157
Higher

SEATTLE PUBLIC UTILITIES OPERATIONS CTR
2700 AIRPORT WY S
SEATTLE, WA 98134

CSCSL S103398182
N/A

Site 4 of 6 in cluster K

SHWS:

Facility ID: 2376

Responsible Unit: NW

Latitude: 47 34 48

Longitude: 122 19 21

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Ground Water

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	4
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SEATTLE PUBLIC UTILITIES OPERATIONS CTR (Continued)

S103398182

Conventional Contaminants, Inorganic: Not reported

Facility ID: 2376

Responsible Unit: NW

Latitude: 47 34 48

Longitude: 122 19 21

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 4

EPA Priority Pollutants - Metals and Cyanide: Not reported

Metals - Other non-priority pollutant metals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Confirmed above MTCA cleanup levels

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Not reported

Dioxin: Not reported

Polynuclear Aromatic Hydrocarbons (PAH): Not reported

Reactive Wastes: Not reported

Corrosive Wastes: Not reported

Radioactive Wastes: Not reported

Asbestos: Not reported

Conventional Contaminants, Organic: Not reported

Conventional Contaminants, Inorganic: Not reported

K40 CITY OF SEATTLE WATER DEPARTMENT
ESE 2700 AIRPORT WAY S
1/8-1/4 SEATTLE, WA 98134
1157
Higher Site 5 of 6 in cluster K

UST U001125214
WA ICR N/A
LUST

LUST:

Facility ID: 7925 Ecology Region: North Western
Release ID: 4758 Release Date: 10/5/1993 0:00
Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00
Alternate Name: SEATTLE WATER OPERATIONS
Affected Media: SOIL

Facility ID: 7925 Ecology Region: North Western
Release ID: 4758 Release Date: 10/5/1993 0:00
Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00
Alternate Name: SEATTLE WATER OPERATIONS
Affected Media: GROUND WATER

WA ICR:

Date Ecology Received Report: 06/29/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CITY OF SEATTLE WATER DEPARTMENT (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001125214

Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-34
County Code: 17
Contact: Not reported
Report Title: Final - UST Removal and Soil/GW Investigation

Date Ecology Received Report: 06/29/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-34
County Code: 17
Contact: Not reported
Report Title: Appendices - UST Removal and Soil/GW Investigation

UST:

Facility ID: 7925
Install Date: 7/1/1973 0:00
Capacity: 111 to 1,100 Gallons
Status: REMOVED
Tank Name: W-5
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 7925
Install Date: 7/1/1973 0:00
Capacity: 2,001 TO 4,999 GALLONS
Status: REMOVED
Tank Name: W-2
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 7925
Install Date: 12/31/1964 0:00
Capacity: 5,000 TO 9,999 GALLONS
Status: REMOVED
Tank Name: W-6
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CITY OF SEATTLE WATER DEPARTMENT (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001125214

Facility ID: 7925
Install Date: 7/1/1981 0:00
Capacity: 111 to 1,100 Gallons
Status: REMOVED
Tank Name: W-3
Tank Material: Not reported
Substance: MOTOR OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 7925
Install Date: 7/1/1981 0:00
Capacity: 111 to 1,100 Gallons
Status: REMOVED
Tank Name: W-4
Tank Material: Not reported
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Facility ID: 7925
Install Date: 7/1/1973 0:00
Capacity: 5,000 TO 9,999 GALLONS
Status: REMOVED
Tank Name: W-1
Tank Material: Not reported
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

K41
ESE
1/8-1/4
1173
Higher

SEAFIRST BANK
2755 AIRPORT WAY S
SEATTLE, WA 98134

RCRIS-SQG 1000993272
FINDS WA0001022581

Site 6 of 6 in cluster K

RCRIS:

Owner: SEAFIRST BANK
Contact: NANCY SIMMONS
(206) 358-8918

Record Date: 04/20/1995
Classification: Not reported
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRIS

L42
South
1/8-1/4
1204
Higher

LANGENDORF BREAD
2901 6TH AVE. S.
SEATTLE, WA 98134

WA ICR S104484880
N/A

Site 1 of 3 in cluster L

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LANGENDORF BREAD (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104484880

WA ICR:

Date Ecology Received Report: 12/05/1997
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 95-18
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/29/1999
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-13
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 03/05/1999
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-13
County Code: 17
Contact: Not reported
Report Title: Not reported

L43
South
1/8-1/4
1204
Higher

FRANZ SEATTLE BAKERY
2901 6TH AVE S
SEATTLE, WA 98134

Site 2 of 3 in cluster L

RCRIS-SQG 1000838100
FINDS WAD980974489
CERC-NFRAP
CSCSL NFA

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
Ownership Status: Other

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT
Assessment: SITE INSPECTION

Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL

Completed: 19840601
Completed: 19840622
Completed: 19840924

CERCLIS-NFRAP Alias Name(s):

SIXTH AVENUE SOUTH LANDFILL

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

FRANZ SEATTLE BAKERY (Continued)

1000838100

RCRIS:

Owner: GAIS NORTHWEST BAKERIES
(206) 322-0931

Contact: RICHARD CASS
(206) 516-0221

Record Date: 10/05/1998

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)

RCRIS

WA NFA:

Facility/Site Id : 2074
Ecology Status : Awaiting Site Hazard Assessment
Independent Status Code : Not reported
WARM Bin Number : Not reported
NFA Code : NFA after Assessment IRAP or VCP
NFA Date : 01/11/2001 00:00:00

L44
South
1/8-1/4
1204
Higher

UNITED STATES BAKERY DBA UNITED STATES BAKERY, INC
2901 6TH AVE S
SEATTLE, WA 98134

UST U003028335
LUST N/A

Site 3 of 3 in cluster L

LUST:

Facility ID: 7997 Ecology Region: North Western
Release ID: 3874 Release Date: 9/18/1992 0:00
Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00
Alternate Name: LANGENDORF BREAD
Affected Media: SOIL

UST:

Facility ID: 7997
Install Date: 1/1/1986 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: CLOSURE IN PROCESS
Tank Name: 2
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 7997
Install Date: 1/1/1986 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: CLOSURE IN PROCESS
Tank Name: 1
Tank Material: Not reported
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

J45 SCHUCKS AUTO SUPPLY
SW 2905 4TH AVE S
1/8-1/4 SEATTLE, WA 98134
1205
Lower Site 2 of 4 in cluster J

Database(s)

UST
WA ICR
LUST

EDR ID Number
EPA ID Number

U003402684
N/A

LUST:

Facility ID: 474458 Ecology Region: North Western
Release ID: 474465 Release Date: 7/29/1998 0:00
Release Status: REPORTED CLEANED UP Status Date: 10/2/1998 0:00
Alternate Name: SCHUCKS AUTO SUPPLY
Affected Media: SOIL

Facility ID: 474458 Ecology Region: North Western
Release ID: 474465 Release Date: 7/29/1998 0:00
Release Status: REPORTED CLEANED UP Status Date: 10/2/1998 0:00
Alternate Name: SCHUCKS AUTO SUPPLY
Affected Media: GROUND WATER

WA ICR:

Date Ecology Received Report: 10/02/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 98-18
County Code: 17
Contact: Not reported
Report Title: Not reported

UST:

Facility ID: 474458
Install Date: Not reported
Capacity: Not reported
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

M46 LEE & ESTES TANK LINES
ENE 2418 AIRPORT WAY S.
1/8-1/4 SEATTLE, WA 98134
1208
Higher Site 1 of 6 in cluster M

WA ICR S103508077
N/A

WA ICR:

Date Ecology Received Report: 10/22/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-12
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 07/31/1995
Contaminants Found at Site: Petroleum products

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

LEE & ESTES TANK LINES (Continued)

S103508077

Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-05
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/07/1995
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-07
County Code: 17
Contact: Not reported
Report Title: Not reported

M47
ENE
1/8-1/4
1208
Higher

LEE & EASTES TANK LINES INC
2418 AIRPORT WY S
SEATTLE, WA 98134

Site 2 of 6 in cluster M

CERC-NFRAP 1000100353
UST WAD003893559
LUST
CSCSL NFA

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
Ownership Status: Other

Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT

Completed: 19800201
Completed: 19850507

LUST:

Facility ID: 8352 Ecology Region: North Western
Release ID: 308085 Release Date: 6/23/1995 0:00
Release Status: CLEANUP STARTED Status Date: 7/6/1995 0:00
Alternate Name: LEE & EASTES TANK LINES
Affected Media: SOIL

Facility ID: 8352 Ecology Region: North Western
Release ID: 308085 Release Date: 6/23/1995 0:00
Release Status: CLEANUP STARTED Status Date: 7/6/1995 0:00
Alternate Name: LEE & EASTES TANK LINES
Affected Media: GROUND WATER

WA NFA:

Facility/Site Id : 2140
Ecology Status : Awaiting Site Hazard Assessment
Independent Status Code : Not reported
WARM Bin Number : Not reported
NFA Code : Cleanup under priority authority
NFA Date : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LEE & EASTES TANK LINES INC (Continued)

Database(s) EDR ID Number
EPA ID Number

1000100353

UST:

Facility ID: 8352
Install Date: 8/15/1964 0:00
Capacity: Not reported
Status: CLOSURE IN PROCESS
Tank Name: 1
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 8352
Install Date: 8/15/1964 0:00
Capacity: Not reported
Status: CLOSURE IN PROCESS
Tank Name: 2
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 8352
Install Date: 8/15/1964 0:00
Capacity: Not reported
Status: CLOSURE IN PROCESS
Tank Name: 4
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 8352
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Unknown
Tank Name: 6
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 8352
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Unknown
Tank Name: 7
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LEE & EASTES TANK LINES INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000100353

Facility ID: 8352
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 3
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 8352
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 5
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

M48
ENE
1/8-1/4
1211
Higher

NORDSTROM CATERING CORP
2415 AIRPORT WAY S
SEATTLE, WA 98134

RCRIS-SQG 1000473872
FINDS WAD988479283

Site 3 of 6 in cluster M

RCRIS:
Owner: NORDSTROM CATERING CORP
(360) 555-1212
Contact: SUSAN CROSS
(206) 628-2222
Record Date: 01/30/1991
Classification: Not reported
Used Oil Recyc: No
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RCRIS

M49
ENE
1/8-1/4
1211
Higher

NORDSTROM CATERING CORP.
2415 AIRPORT WAY S.
SEATTLE, WA 98134

WA ICR S103508402
N/A

Site 4 of 6 in cluster M

WA ICR:
Date Ecology Received Report: 12/26/1990
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 91-19
County Code: 17

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

NORDSTROM CATERING CORP. (Continued)

S103508402

Contact: Not reported
Report Title: Not reported

M50 PUBLIX FRUIT & PRODUCE CO INC
ENE 2415 AIRPORT WAY S
1/8-1/4 SEATTLE, WA 98134
1211
Higher Site 5 of 6 in cluster M

UST U001122239
LUST N/A

LUST:

Facility ID: 1053 Ecology Region: North Western
Release ID: 2186 Release Date: 11/2/1990 0:00
Release Status: REPORTED CLEANED UP Status Date: 6/1/1995 0:00
Alternate Name: NORDSTROM CATERING CORPORATE
Affected Media: SOIL

Facility ID: 1053 Ecology Region: North Western
Release ID: 2186 Release Date: 11/2/1990 0:00
Release Status: CLEANUP STARTED Status Date: 11/2/1990 0:00
Alternate Name: NORDSTROM CATERING CORPORATE
Affected Media: SOIL

UST:

Facility ID: 1053
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

M51 VALLEY FREIGHTLINER INC
ENE 2401 AIRPORT WAY S
1/8-1/4 SEATTLE, WA 98134
1222
Higher Site 6 of 6 in cluster M

RCRIS-SQG 1000140036
FINDS WAD027466416

RCRIS:

Owner: Larry Gordon
(253) 863-7777
Contact: JIM ELKINS
(206) 340-8882

Record Date: 08/12/1999
Classification: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	4937.90	D008	4937.90
D018	4937.90	D039	4937.90

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

VALLEY FREIGHTLINER INC (Continued)

1000140036

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

BRS

RCRIS

J52
SW
1/8-1/4
1226
Lower

SEATTLE SOLID WSTE UTIL OIL COLL TANK
2915 4TH AVE S
SEATTLE, WA 98134

RCRIS-SQG
FINDS

1000659755
WAD988494316

Site 3 of 4 in cluster J

RCRIS:

Owner: SEATTLE SOLID WSTE UTIL OIL COLL TANK

Contact: SHIRLI AXELROD
(206) 684-7804

Record Date: 11/27/1995

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRIS

J53
SW
1/8-1/4
1248
Lower

ICI DULUX PAINTS
2925 4TH AVE S
SEATTLE, WA 98134

RCRIS-SQG
FINDS

1000878570
WA0000097816

Site 4 of 4 in cluster J

RCRIS:

Owner: GLIDDEN COMPANY THE
(216) 344-8405

Contact: STEVE LOLLI
(216) 344-8405

Record Date: 12/31/1998

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRIS

54
SW
1/4-1/2
1331
Lower

ANDY'S DINER
2963 4TH AVE. S.
SEATTLE, WA 98134

WA ICR S104484584
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ANDY'S DINER (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104484584

WA ICR:

Date Ecology Received Report: 03/24/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-49
County Code: 17
Contact: Not reported
Report Title: Not reported

N55 METRO PDH
NW 2255 4TH AV S
1/4-1/2 SEATTLE, WA 98134
1331
Lower

CSCSL 1000366468
N/A

Site 1 of 3 In cluster N

SHWS:

Facility ID: 2552
Responsible Unit: NW
Latitude: 47 34 56
Longitude: 122 19 47
Ecology Site Status relative to the MTCA cleanup process:
Remedial Action in progress
Independent Site Status - those sites undergoing an independent cleanup:
Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 18
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Suspected to be present
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Suspected to be present
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2552
Responsible Unit: NW
Latitude: 47 34 56
Longitude: 122 19 47
Ecology Site Status relative to the MTCA cleanup process:
Remedial Action in progress

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

METRO PDH (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000366468

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Surface Water

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:

Not reported

Halogenated Organic Compounds:

Not reported

Horizontal Collection Method:

18

EPA Priority Pollutants - Metals and Cyanide:

Suspected to be present

Metals - Other non-priority pollutant metals:

Not reported

Polychlorinated biPhenyls (PCBs):

Suspected to be present

Pesticides:

Not reported

Petroleum Products:

Suspected to be present

Phenolic Compounds:

Not reported

Non-Halogenated Solvents:

Suspected to be present

Dioxin:

Not reported

Polynuclear Aromatic Hydrocarbons (PAH):

Not reported

Reactive Wastes:

Not reported

Corrosive Wastes:

Not reported

Radioactive Wastes:

Not reported

Asbestos:

Not reported

Conventional Contaminants, Organic:

Not reported

Conventional Contaminants, Inorganic:

Not reported

Facility ID: 2552

Responsible Unit: NW

Latitude: 47 34 56

Longitude: 122 19 47

Ecology Site Status relative to the MTCA cleanup process:

Remedial Action in progress

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:

Not reported

Halogenated Organic Compounds:

Not reported

Horizontal Collection Method:

18

EPA Priority Pollutants - Metals and Cyanide:

Suspected to be present

Metals - Other non-priority pollutant metals:

Not reported

Polychlorinated biPhenyls (PCBs):

Suspected to be present

Pesticides:

Not reported

Petroleum Products:

Confirmed above MTCA cleanup levels

Phenolic Compounds:

Not reported

Non-Halogenated Solvents:

Suspected to be present

Dioxin:

Not reported

Polynuclear Aromatic Hydrocarbons (PAH):

Not reported

Reactive Wastes:

Not reported

Corrosive Wastes:

Not reported

Radioactive Wastes:

Not reported

Asbestos:

Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO PDH (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000366468

Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

N56
NW
1/4-1/2
1331
Lower
POWER DISTRIBUTION HEADQUARTERS
2255 4TH AVE S
SEATTLE, WA 98134
Site 2 of 3 in cluster N

UST U001126204
LUST N/A

LUST:

Facility ID: 10101 Ecology Region: North Western
Release ID: 2037 Release Date: 3/12/1991 0:00
Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00
Alternate Name: METRO POWER DISTRIBUTION HQ
Affected Media: SOIL

UST:

Facility ID: 10101
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: PDH-2
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 10101
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: PDH-3
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 10101
Install Date: 12/31/1964 0:00
Capacity: 111 TO 1,000 GALLONS
Status: Removed
Tank Name: PDH-4
Tank Material: Not reported
Substance: OTHER PETROLEUM SUBSTANCE
Compartment #: 1
Ecology Region: North Western

Facility ID: 10101
Install Date: 4/10/1991 0:00
Capacity: 2,001 TO 4,999 GALLONS
Status: Operational
Tank Name: PDH-1A
Tank Material: Coated Steel
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

POWER DISTRIBUTION HEADQUARTERS (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001126204

Facility ID: 10101
Install Date: 12/31/1964 0:00
Capacity: 2,001 TO 4,999 GALLONS
Status: Removed
Tank Name: PDH-1
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

N57
NNW
1/4-1/2
1411
Lower

PACIFIC IRON & METALS
2230 4TH AV S
SEATTLE, WA 98134

Site 3 of 3 in cluster N

RCRIS-SQG
FINDS
UST
CSCSL

1000252093
WAD059315762

RCRIS:

Owner: PACIFIC IRON METAL
(360) 555-1212

Contact: RICHARD STERNOFF
(206) 628-6232

Record Date: 04/26/1989
Classification: Not reported
Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 11/07/1989
Priority of Violation: Low
Schedule Date to Achieve Compliance: Not reported
Actual Date Achieved Compliance: 04/23/1991

There are 1 violation record(s) reported at this site:

Evaluation
Compliance Evaluation Inspection (CEI)

Area of Violation
Generator-All Requirements

Date of Compliance
04/23/1991

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRIS

SHWS:

Facility ID: 2054
Responsible Unit: NW
Latitude: 47 35 0
Longitude: 122 19 48

Ecology Site Status relative to the MTCA cleanup process:
Construction Completed, Operation & Maintenance Underway
Independent Site Status - those sites undergoing an independent cleanup:
Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Surface Water
Media Status: R (Remediated) - Contaminants have been treated, removed, or contained to meet cleanup levels established for the site. (This status determination may only be made by Ecology)

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC IRON & METALS (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000252093

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	4
EPA Priority Pollutants - Metals and Cyanide:	Treated, removed, or contained
Metals - Other non-priority pollutant metals:	Treated, removed, or contained
Polychlorinated biPhenyls (PCBs):	Treated, removed, or contained
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2054

Responsible Unit: NW

Latitude: 47 35 0

Longitude: 122 19 48

Ecology Site Status relative to the MTCA cleanup process:

Construction Completed, Operation & Maintenance Underway

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Soil

Media Status: R (Remediated) - Contaminants have been treated, removed, or contained to meet cleanup levels established for the site. (This status determination may only be made by Ecology)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	4
EPA Priority Pollutants - Metals and Cyanide:	Treated, removed, or contained
Metals - Other non-priority pollutant metals:	Treated, removed, or contained
Polychlorinated biPhenyls (PCBs):	Treated, removed, or contained
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC IRON & METALS (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000252093

UST:

Facility ID: 11073
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

O58
NNW
1/4-1/2
1480
Lower

ALASKA TRAFFIC CONSULTANTS INC
2214 FOURTH AVE S
SEATTLE, WA 98134

UST
WA ICR
LUST

U000804348
N/A

Site 1 of 5 in cluster O

LUST:

Facility ID: 101675 Ecology Region: North Western
Release ID: 3565 Release Date: 6/22/1992 0:00
Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00
Alternate Name: STANLEY TERMINALS
Affected Media: SOIL

Facility ID: 101675 Ecology Region: North Western
Release ID: 3565 Release Date: 6/22/1992 0:00
Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00
Alternate Name: STANLEY TERMINALS
Affected Media: GROUND WATER

WA ICR:

Date Ecology Received Report: 10/01/1992
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-34
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 11/23/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-45
County Code: 17
Contact: Not reported
Report Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ALASKA TRAFFIC CONSULTANTS INC (Continued)

U000804348

UST:

Facility ID: 101675
Install Date: 1/1/1962 0:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Removed
Tank Name: T-1
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 101675
Install Date: 1/1/1962 0:00
Capacity: 5,000 TO 9,999 GALLONS
Status: Removed
Tank Name: T-2
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

O59 ARCO #4090
NNW 2200 4TH AVE. S.
1/4-1/2 SEATTLE, WA 98134
1516
Lower Site 2 of 5 In cluster O

WA ICR S104484643
N/A

WA ICR:

Date Ecology Received Report: 07/29/1997
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 95-05
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 10/29/1997
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 95-13
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/08/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 95-17
County Code: 17

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ARCO #4090 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104484643

Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 05/15/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-04
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 10/26/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-13
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/30/1999
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-15
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 10/12/1999
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-18
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 03/03/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-28
County Code: 17
Contact: Not reported
Report Title: Third & Fourth Quarters Ground Water Monitoring 1999

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARCO #4090 (Continued)

S104484643

Date Ecology Received Report: 06/14/1994
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-34
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 06/19/1995
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-03
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/22/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-27
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 02/27/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-34
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 02/26/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-34
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 02/21/1996

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ARCO #4090 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104484643

Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-34
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/26/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-41
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/17/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-30
County Code: 17
Contact: Not reported
Report Title: Ground Water Monitoring - First & Second Quarters 2000

O60
NNW
1/4-1/2
1516
Lower

PACIFIC CHEM & CLEANING CO
2200 4TH S
SEATTLE, WA 98134

CERC-NFRAP 1000838098
LUST WAD980724223
CSCSL NFA

Site 3 of 5 in cluster O

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
Ownership Status: Other

Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT

Completed: 19800101
Completed: 19860115

LUST:

Facility ID: 8746
Release ID: 4195
Release Status: CLEANUP STARTED
Alternate Name: ARCO STATION # 4090
Affected Media: SOIL

Ecology Region: North Western
Release Date: 2/10/1993 0:00
Status Date: 8/28/1996 0:00

Facility ID: 8746
Release ID: 4195
Release Status: AWAITING CLEANUP
Alternate Name: ARCO STATION # 4090
Affected Media: SOIL

Ecology Region: North Western
Release Date: 2/10/1993 0:00
Status Date: 6/1/1995 0:00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PACIFIC CHEM & CLEANING CO (Continued)

1000838098

Facility ID: 8746 Ecology Region: North Western
Release ID: 4195 Release Date: 2/10/1993 0:00
Release Status: CLEANUP STARTED Status Date: 8/28/1996 0:00
Alternate Name: ARCO STATION # 4090
Affected Media: GROUND WATER

Facility ID: 8746 Ecology Region: North Western
Release ID: 4195 Release Date: 2/10/1993 0:00
Release Status: AWAITING CLEANUP Status Date: 6/1/1995 0:00
Alternate Name: ARCO STATION # 4090
Affected Media: GROUND WATER

WA NFA:

Facility/Site Id : 2158
Ecology Status : Awaiting Site Hazard Assessment
Independent Status Code : Not reported
WARM Bin Number : Not reported
NFA Code : NFA after Assessment IRAP or VCP
NFA Date : 07/10/1998 00:00:00

O61
NNW
1/4-1/2
1516
Lower

FLAJOLE BROTHERS INC
2201 4TH AVE S
SEATTLE, WA 98134

RCRIS-SQG 1001490989
FINDS WAD988521167
WA ICR

Site 4 of 5 in cluster O

RCRIS:

Owner: FLAJOLE BROTHERS INC
Contact: DAWNITA HITCHCOCK
(206) 763-9730

Record Date: 10/19/1995
Classification: Not reported
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRIS

WA ICR:

Date Ecology Received Report: 07/06/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-13
County Code: 17
Contact: Not reported
Report Title: Not reported

O62
NNW
1/4-1/2
1516
Lower

FLAJOLE BROTHERS INC
2201 4TH SO
SEATTLE, WA 98134

LUST 1000878791
UST N/A

Site 5 of 5 in cluster O

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FLAJOLE BROTHERS INC (Continued)

Database(s)
EDR ID Number
EPA ID Number

1000878791

LUST:

Facility ID: 2508
Release ID: 4386
Release Status: CLEANUP STARTED
Alternate Name: FLAJOLE BROS INC
Affected Media: SOIL

Ecology Region: North Western
Release Date: 5/6/1993 0:00
Status Date: 6/1/1995 0:00

Facility ID: 2508
Release ID: 4386
Release Status: CLEANUP STARTED
Alternate Name: FLAJOLE BROS INC
Affected Media: GROUND WATER

Ecology Region: North Western
Release Date: 5/6/1993 0:00
Status Date: 6/1/1995 0:00

UST:

Facility ID: 2508
Install Date: 5/1/1984 0:00
Capacity: Not reported
Status: Removed
Tank Name: 6
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 2508
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 2508
Install Date: 5/1/1984 0:00
Capacity: Not reported
Status: Removed
Tank Name: 4
Tank Material: Steel-Unprotected
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 2508
Install Date: 8/1/1974 0:00
Capacity: Not reported
Status: Removed
Tank Name: 5
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FLAJOLE BROTHERS INC (Continued)

1000878791

Facility ID: 2508
Install Date: 6/1/1984 0:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 2508
Install Date: 8/1/1974 0:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 3
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

63
NE
1/4-1/2
1530
Higher

MOTOR FREIGHT SERVICES
916 S. COLLEGE ST.
SEATTLE, WA 98144

WA ICR S103850536
N/A

WA ICR:

Date Ecology Received Report: 07/15/1998
Contaminants Found at Site: Petroleum products
Halogenated Solvents
Media Contaminated: Groundwater, Soil
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-07
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/22/1999
Contaminants Found at Site: Halogenated organic compounds
Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Not reported
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 98-14
County Code: 17
Contact: Not reported
Report Title: Not reported

P64
SE
1/4-1/2
1704
Higher

RAINIER BREWING COMPANY
3100 AIRPORT WAY S.
SEATTLE, WA 98134
Site 1 of 3 in cluster P

WA ICR S103508788
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RAINIER BREWING COMPANY (Continued)

S103508788

WA ICR:

Date Ecology Received Report: 01/21/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-22
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 05/18/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-26
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 05/16/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-26
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 11/29/1990
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 90-17
County Code: 17
Contact: Not reported
Report Title: Not reported

P65 RAINIER BREWERY
SE 3100 AIRPORT WAY S
1/4-1/2 SEATTLE, WA 98134
1704
Higher Site 2 of 3 in cluster P

CSCSL S104490885
N/A

SHWS:

Facility ID: 9192461
Responsible Unit: NW
Latitude: 47 34 34
Longitude: 122 19 17
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RAINIER BREWERY (Continued)

S104490885

Independent Site Status - those sites undergoing an independent cleanup:

Final Independent Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Ground Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 99

EPA Priority Pollutants - Metals and Cyanide: Not reported

Metals - Other non-priority pollutant medals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Confirmed above MTCA cleanup levels

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Not reported

Dioxin: Not reported

Polynuclear Aromatic Hydrocarbons (PAH): Not reported

Reactive Wastes: Not reported

Corrosive Wastes: Not reported

Radioactive Wastes: Not reported

Asbestos: Not reported

Conventional Contaminants, Organic: Not reported

Conventional Contaminants, Inorganic: Not reported

Facility ID: 9192461

Responsible Unit: NW

Latitude: 47 34 34

Longitude: 122 19 17

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Final Independent Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Soil

Media Status: R (Remediated) - Contaminants have been treated, removed, or contained to meet cleanup levels established for the site. (This status determination may only be made by Ecology

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 99

EPA Priority Pollutants - Metals and Cyanide: Not reported

Metals - Other non-priority pollutant medals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Treated, removed, or contained

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Not reported

Dioxin: Not reported

Polynuclear Aromatic Hydrocarbons (PAH): Not reported

Reactive Wastes: Not reported

Corrosive Wastes: Not reported

Radioactive Wastes: Not reported

Asbestos: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RAINIER BREWERY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104490885

Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

P66
SE
1/4-1/2
1704
Higher

G HEILEMAN BREWING CO
3100 AIRPORT WAY SO
SEATTLE, WA 98134

UST U000586194
LUST N/A

Site 3 of 3 in cluster P

LUST:

Facility ID: 601 Ecology Region: North Western
Release ID: 1631 Release Date: 11/22/1989 0:00
Release Status: MONITORING Status Date: 5/18/2000 0:00
Alternate Name: RAINIER BREWING CO
Affected Media: SOIL

Facility ID: 601 Ecology Region: North Western
Release ID: 1631 Release Date: 11/22/1989 0:00
Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00
Alternate Name: RAINIER BREWING CO
Affected Media: SOIL

Facility ID: 601 Ecology Region: North Western
Release ID: 1631 Release Date: 11/22/1989 0:00
Release Status: MONITORING Status Date: 5/18/2000 0:00
Alternate Name: RAINIER BREWING CO
Affected Media: GROUND WATER

Facility ID: 601 Ecology Region: North Western
Release ID: 1631 Release Date: 11/22/1989 0:00
Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00
Alternate Name: RAINIER BREWING CO
Affected Media: GROUND WATER

UST:

Facility ID: 601
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 3
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 601
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Exempt
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

G HEILEMAN BREWING CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000586194

Facility ID: 601
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 4
Tank Material: Steel-Unprotected
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 601
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 5
Tank Material: Steel-Unprotected
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 601
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 601
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 6
Tank Material: Steel-Unprotected
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

Q67
NE
1/4-1/2
1716
Higher

PARK 90/5
2203 AIRPORT WAY S
SEATTLE, WA 98033

CSCSL S104971238
N/A

Site 1 of 2 in cluster Q

SHWS:

Facility ID: 76316149
Responsible Unit: NW
Latitude: 47 35 1
Longitude: 122 19 18

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
Final Independent Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PARK 90/5 (Continued)

S104971238

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	4
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Q68
NE
1/4-1/2
1716
Higher

STACEY ST SOC 070B83
2203 AIRPORT WAY S
SEATTLE, WA 98101
Site 2 of 2 in cluster Q

UST U001778131
LUST N/A

LUST:

Facility ID:	102171	Ecology Region:	North Western
Release ID:	374732	Release Date:	5/30/1996 0:00
Release Status:	CLEANUP STARTED	Status Date:	Not reported
Alternate Name:	SABEY PARK 90/5		
Affected Media:	SOIL		

UST:

Facility ID:	102171
Install Date:	1/1/1985 0:00
Capacity:	111 to 1,100 Gallons
Status:	Removed
Tank Name:	1
Tank Material:	Not reported
Substance:	USED OIL/WASTE OIL
Compartment #:	1
Ecology Region:	North Western

69
South
1/4-1/2
1742
Higher

ALASKA COPPER & BRASS
3200 6TH AVE S
SEATTLE, WA 98134

CSCSL S102363838
N/A

SHWS:

Facility ID:	2233
Responsible Unit:	NW
Latitude:	47 34 32
Longitude:	122 19 33
Ecology Site Status relative to the MTCA cleanup process:	Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:	Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ALASKA COPPER & BRASS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102363838

Affected Media: Ground Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Suspected to be present
Corrosive Wastes: Suspected to be present
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Suspected to be present

Facility ID: 2233
Responsible Unit: NW
Latitude: 47 34 32
Longitude: 122 19 33
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Soil
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Suspected to be present
Corrosive Wastes: Suspected to be present
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Suspected to be present

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R70 SEATTLE WA. LINE SEG 51 PRINT 448
West 2700 OCCIDENTAL ST S
1/4-1/2 SEATTLE, WA 98134
1791
Lower Site 1 of 2 In cluster R

UST U003028888
LUST N/A

LUST:

Facility ID:	9451	Ecology Region:	North Western
Release ID:	361374	Release Date:	3/23/1995 0:00
Release Status:	CLEANUP STARTED	Status Date:	3/23/1995 0:00
Alternate Name:	BNR OCCIDENTAL STREET		
Affected Media:	SOIL		

UST:

Facility ID:	9451
Install Date:	12/1/1985 0:00
Capacity:	111 to 1,100 Gallons
Status:	Removed
Tank Name:	SEA-1
Tank Material:	Not reported
Substance:	UNLEADED GASOLINE
Compartment #:	1
Ecology Region:	North Western

Facility ID:	9451
Install Date:	12/1/1985 0:00
Capacity:	111 to 1,100 Gallons
Status:	Removed
Tank Name:	SEA-2
Tank Material:	Not reported
Substance:	UNLEADED GASOLINE
Compartment #:	1
Ecology Region:	North Western

R71 BNR OCCIDENTAL
West 2700 OCCIDENTAL ST. S.
1/4-1/2 SEATTLE, WA 98134
1791
Lower Site 2 of 2 In cluster R

WA ICR S104485799
N/A

WA ICR:

Date Ecology Received Report:	10/25/1999
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	98-20
County Code:	17
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	02/21/1995
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	94-25
County Code:	17
Contact:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BNR OCCIDENTAL (Continued)

EDR ID Number
EPA ID Number

Database(s)

Report Title: Not reported

S104485799

S72
SSW
1/4-1/2
1887
Lower

ANDYS DINER INC
3201 4TH AVE S
SEATTLE, WA 98134
Site 1 of 4 in cluster S

RCRIS-SQG
FINDS
UST
LUST

1000878939
WAD988522793

RCRIS:

Owner: ANDYS DINER INC
(360) 555-1212

Contact: ANDY YURKANIN
(206) 624-4097

Record Date: 11/14/1994

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRIS

LUST:

Facility ID: 101879
Release ID: 4354
Release Status: CLEANUP STARTED
Alternate Name: ANDY'S DINER
Affected Media: SOIL

Ecology Region: North Western
Release Date: 3/24/1993 0:00
Status Date: 3/24/1993 0:00

Facility ID: 101879
Release ID: 4354
Release Status: CLEANUP STARTED
Alternate Name: ANDY'S DINER
Affected Media: GROUND WATER

Ecology Region: North Western
Release Date: 3/24/1993 0:00
Status Date: 3/24/1993 0:00

UST:

Facility ID: 101879
Install Date: 1/1/1953 0:00
Capacity: Not reported
Status: Closure in Process
Tank Name: 1
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

S73
SSW
1/4-1/2
1946
Lower

BP/SOUTHCENTER OIL
3215 4TH AVE. S.
SEATTLE, WA 98134
Site 2 of 4 in cluster S

WA ICR S104485166
N/A

WA ICR:

Date Ecology Received Report: 07/31/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BP/SOUTHCENTER OIL (Continued)

S104485166

Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-07
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/27/1999
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-17
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 03/02/1999
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-17
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 09/10/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-17
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 07/31/1998
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-17
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/09/1999
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BP/SOUTHCENTER OIL (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104485166

Site Register Issue: 98-19
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 02/17/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-26
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 05/30/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-28
County Code: 17
Contact: Not reported
Report Title: Sampling - April 2000

Date Ecology Received Report: 08/21/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-29
County Code: 17
Contact: Not reported
Report Title: Second Quarter 2000 Ground Water Monitoring

Date Ecology Received Report: 11/27/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-32
County Code: 17
Contact: Not reported
Report Title: Results of Third Quarter 2000 Ground Water Monitoring

S74 PACIFIC EXPRESS
SSW 3215 4TH AVE S
1/4-1/2 SEATTLE, WA 98134
1946
Lower Site 3 of 4 in cluster S

UST U003028151
LUST N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC EXPRESS (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003028151

LUST:

Facility ID:	7449	Ecology Region:	North Western
Release ID:	447945	Release Date:	5/1/1998 0:00
Release Status:	CLEANUP STARTED	Status Date:	1/21/2000 0:00
Alternate Name:	BP SERVICE STATION		
Affected Media:	SOIL		

Facility ID:	7449	Ecology Region:	North Western
Release ID:	447945	Release Date:	5/1/1998 0:00
Release Status:	AWAITING CLEANUP	Status Date:	5/1/1998 0:00
Alternate Name:	BP SERVICE STATION		
Affected Media:	SOIL		

Facility ID:	7449	Ecology Region:	North Western
Release ID:	447945	Release Date:	5/1/1998 0:00
Release Status:	CLEANUP STARTED	Status Date:	1/21/2000 0:00
Alternate Name:	BP SERVICE STATION		
Affected Media:	GROUND WATER		

Facility ID:	7449	Ecology Region:	North Western
Release ID:	447945	Release Date:	5/1/1998 0:00
Release Status:	AWAITING CLEANUP	Status Date:	5/1/1998 0:00
Alternate Name:	BP SERVICE STATION		
Affected Media:	GROUND WATER		

UST:

Facility ID:	7449
Install Date:	10/1/1984 0:00
Capacity:	10,000 TO 19,999 GALLONS
Status:	Operational
Tank Name:	4
Tank Material:	STEEL-UNPROTECTED
Substance:	DIESEL
Compartment #:	1
Ecology Region:	North Western

Facility ID:	7449
Install Date:	10/1/1984 0:00
Capacity:	10,000 TO 19,999 GALLONS
Status:	Operational
Tank Name:	1
Tank Material:	STEEL-UNPROTECTED
Substance:	LEADED GASOLINE
Compartment #:	1
Ecology Region:	North Western

Facility ID:	7449
Install Date:	10/1/1984 0:00
Capacity:	5,000 TO 9,999 GALLONS
Status:	Operational
Tank Name:	3
Tank Material:	STEEL-UNPROTECTED
Substance:	UNLEADED GASOLINE
Compartment #:	1
Ecology Region:	North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC EXPRESS (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003028151

Facility ID: 7449
Install Date: 10/1/1984 0:00
Capacity: 10,000 TO 19,999 GALLONS
Status: Operational
Tank Name: 2
Tank Material: STEEL-UNPROTECTED
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

S75 SEATTLE FIRE STATION 14
SSW 3224 4TH AVE S
1/4-1/2 SEATTLE, WA 98134
1987
Lower Site 4 of 4 in cluster S

UST U000592350
LUST N/A

LUST:

Facility ID: 7904 Ecology Region: North Western
Release ID: 548450 Release Date: 2/14/2000 0:00
Release Status: AWAITING CLEANUP Status Date: 2/14/2000 0:00
Alternate Name: Not reported
Affected Media: SOIL

UST:

Facility ID: 7904
Install Date: 1/1/1985 0:00
Capacity: 111 to 1,100 Gallons
Status: REMOVED
Tank Name: F14-1
Tank Material: Not reported
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

T76 CHEVRON 2740 1ST S
West 2740 1ST AVE S
1/4-1/2 SEATTLE, WA 98134
2021
Lower Site 1 of 3 in cluster T

LUST S101150822
N/A

LUST:

Facility ID: 200142 Ecology Region: North Western
Release ID: 2534 Release Date: 9/17/1991 0:00
Release Status: MONITORING Status Date: 5/21/1995 0:00
Alternate Name: CHEVRON STATION # 9-9168
Affected Media: SOIL

Facility ID: 200142 Ecology Region: North Western
Release ID: 2534 Release Date: 9/17/1991 0:00
Release Status: CLEANUP STARTED Status Date: 8/20/1992 0:00
Alternate Name: CHEVRON STATION # 9-9168
Affected Media: SOIL

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHEVRON 2740 1ST S (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101150822

Facility ID: 200142 Ecology Region: North Western
Release ID: 2534 Release Date: 9/17/1991 0:00
Release Status: MONITORING Status Date: 5/21/1995 0:00
Alternate Name: CHEVRON STATION # 9-9168
Affected Media: GROUND WATER

Facility ID: 200142 Ecology Region: North Western
Release ID: 2534 Release Date: 9/17/1991 0:00
Release Status: CLEANUP STARTED Status Date: 8/20/1992 0:00
Alternate Name: CHEVRON STATION # 9-9168
Affected Media: GROUND WATER

T77
West
1/4-1/2
2021
Lower

CHEVRON #9 9168
2740 1ST AVE. S.
SEATTLE, WA 98134
Site 2 of 3 in cluster T

WA ICR S104484746
N/A

WA ICR:

Date Ecology Received Report: / /
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 95-12
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/13/1999
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-16
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: / /
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-08
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 02/07/1994
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON #9 9168 (Continued)

S104484746

Site Register Issue: 93-23
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 12/04/1995
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-17
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 07/25/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-32
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/16/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-27
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 12/04/2000
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-32
County Code: 17
Contact: Not reported
Report Title: Ground Water Monitoring and Sampling

T78
WSW
1/4-1/2
2028
Lower

CHEVRON #9 9168 (TWO REPORTS)
2751 1ST AVE. S.
SEATTLE, WA 98134
Site 3 of 3 In cluster T

WA ICR S104486320
N/A

WA ICR:
Date Ecology Received Report: 03/23/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHEVRON #9 9168 (TWO REPORTS) (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104486320

Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-49
County Code: 17
Contact: Not reported
Report Title: Not reported

U79
North
1/4-1/2
2029
Higher

TAYLOR EDWARDS INC
1930 6TH AVE S
SEATTLE, WA 98101

UST
WA ICR
LUST
U003604607
N/A

Site 1 of 2 in cluster U

LUST:

Facility ID: 200321 Ecology Region: North Western
Release ID: 5353 Release Date: 6/7/1994 0:00
Release Status: AWAITING CLEANUP Status Date: 5/21/1995 0:00
Alternate Name: TAYLOR EDWARDS SEATTLE
Affected Media: SOIL

Facility ID: 200321 Ecology Region: North Western
Release ID: 5353 Release Date: 6/7/1994 0:00
Release Status: REPORTED CLEANED UP Status Date: 2/15/1995 0:00
Alternate Name: TAYLOR EDWARDS SEATTLE
Affected Media: SOIL

WA ICR:

Date Ecology Received Report: 02/23/1995
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 98-17
County Code: 17
Contact: Not reported
Report Title: Not reported

UST:

Facility ID: 200321
Install Date: Not reported
Capacity: Not reported
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

V80
West
1/4-1/2
2031
Lower

SEARS SERVICE STATION (FORMER)
2465 1ST AVE. S.
SEATTLE, WA 98134

WA ICR
S104487377
N/A

Site 1 of 2 in cluster V

WA ICR:

Date Ecology Received Report: 11/07/1994
Contaminants Found at Site: Petroleum products

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SEARS SERVICE STATION (FORMER) (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104487377

Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 93-40
County Code: 17
Contact: Not reported
Report Title: Not reported

V81
West
1/4-1/2
2031
Lower

SEARS SERVICE STATION (FORMER) (FOUR REPORTS)
2465 1ST AVE. S.
SEATTLE, WA 98134

WA ICR S104487378
N/A

Site 2 of 2 in cluster V

WA ICR:

Date Ecology Received Report: 11/07/1994
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-40
County Code: 17
Contact: Not reported
Report Title: Not reported

82
WSW
1/4-1/2
2069
Lower

GROWING GREEN INTERIORS
2959 FIRST AVE S
SEATTLE, WA 98134

UST U001127880
LUST N/A

LUST:

Facility ID: 100413 Ecology Region: North Western
Release ID: 1253 Release Date: 4/19/1989 0:00
Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00
Alternate Name: UTAH STREET
Affected Media: SOIL

UST:

Facility ID: 100413
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 1
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GROWING GREEN INTERIORS (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001127880

Facility ID: 100413
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 2
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

83
NNW
1/4-1/2
2103
Lower

BUDGET RENT-A-CAR OF WASHINGTON-OREGON
1961-4TH AVE SOUTH
SEATTLE, WA 98134

UST U003029254
LUST N/A

LUST:

Facility ID: 9895 Ecology Region: North Western
Release ID: 4188 Release Date: 1/21/1992 0:00
Release Status: UNKNOWN Status Date: 7/19/2000 0:00
Alternate Name: BUDGET RENT A CAR 4TH S
Affected Media: SOIL

Facility ID: 9895 Ecology Region: North Western
Release ID: 4188 Release Date: 1/21/1992 0:00
Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00
Alternate Name: BUDGET RENT A CAR 4TH S
Affected Media: SOIL

UST:

Facility ID: 9895
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Closure in Process
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 9895
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Closure in Process
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BUDGET RENT-A-CAR OF WASHINGTON-OREGON (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003029254

Facility ID: 9895
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Closure in Process
Tank Name: 3
Tank Material: Steel-Unprotected
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

W84 SCALZO COMPANY
SSE 3211 AIRPORT WAY S.
1/4-1/2 SEATTLE, WA 98134
2104
Higher Site 1 of 2 in cluster W

WA ICR S103508942
N/A

WA ICR:
Date Ecology Received Report: 02/16/1994
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-22
County Code: 17
Contact: Not reported
Report Title: Not reported

W85 SCALZO CO
SSE 3211 AIRPORT WY S
1/4-1/2 SEATTLE, WA 98134
2104
Higher Site 2 of 2 in cluster W

LUST S102651172
N/A

LUST:
Facility ID: 200723 Ecology Region: North Western
Release ID: 5128 Release Date: 2/16/1994 0:00
Release Status: CLEANUP STARTED Status Date: 5/21/1995 0:00
Alternate Name: SCALZO CO
Affected Media: SOIL

U86 TAYLOR EDWARDS TRANSFER
North 615 S. HOLGATE ST.
1/4-1/2 SEATTLE, WA 98134
2109
Higher Site 2 of 2 in cluster U

WA ICR S104487693
N/A

WA ICR:
Date Ecology Received Report: 08/10/1990
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 90-09
County Code: 17
Contact: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR EDWARDS TRANSFER (Continued)

S104487693

Report Title: Not reported

X87 MACK TRUCK SALES & SERVICE
NNE 2025 AIRPORT WAY S.
1/4-1/2 SEATTLE, WA 98134
2147
Higher Site 1 of 3 in cluster X

WA ICR S102650810
LUST N/A

LUST:

Facility ID: 200089 Ecology Region: North Western
Release ID: 5393 Release Date: 7/29/1994 0:00
Release Status: REPORTED CLEANED UP Status Date: 5/21/1995 0:00
Alternate Name: MACK TRUCK SALES & SERVICE
Affected Media: SOIL

Facility ID: 200089 Ecology Region: North Western
Release ID: 5393 Release Date: 7/29/1994 0:00
Release Status: CLEANUP STARTED Status Date: 7/29/1994 0:00
Alternate Name: MACK TRUCK SALES & SERVICE
Affected Media: SOIL

WA ICR:

Date Ecology Received Report: 07/29/1994
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 93-36
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 07/29/1994
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-33
County Code: 17
Contact: Not reported
Report Title: Not reported

Y88 FOOD SERVICE INTERNATIONAL
NNE 801 S. HOLGATE
1/4-1/2 SEATTLE, WA 98134
2194
Higher Site 1 of 2 in cluster Y

WA ICR S104486787
N/A

WA ICR:

Date Ecology Received Report: 03/13/1992
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-50
County Code: 17

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FOOD SERVICE INTERNATIONAL (Continued)

S104486787

Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/13/1993
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-45
County Code: 17
Contact: Not reported
Report Title: Not reported

Y89
NNE
1/4-1/2
2194
Higher

FOOD SERVICE INTERNATIONAL
801 SOUTH HOLGATE
SEATTLE, WA 98124

UST U001128476
LUST N/A

Site 2 of 2 In cluster Y

LUST:

Facility ID: 101686 Ecology Region: North Western
Release ID: 2861 Release Date: 11/20/1991 0:00
Release Status: REPORTED CLEANED UP Status Date: 6/1/1995 0:00
Alternate Name: FOOD SERVICE INTERNATIONAL
Affected Media: SOIL

Facility ID: 101686 Ecology Region: North Western
Release ID: 2861 Release Date: 11/20/1991 0:00
Release Status: CLEANUP STARTED Status Date: 11/20/1991 0:00
Alternate Name: FOOD SERVICE INTERNATIONAL
Affected Media: SOIL

UST:

Facility ID: 101686
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Closure in Process
Tank Name: 1
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 101686
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Closure in Process
Tank Name: 2
Tank Material: Not reported
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

Z90
NNW
1/4-1/2
2211
Lower

STAR RENTALS & SALES
1919 4TH AVE S
SEATTLE, WA 98134

UST U003132753
LUST N/A

Site 1 of 3 in cluster Z

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAR RENTALS & SALES (Continued)

U003132753

LUST:

Facility ID: 9147 Ecology Region: North Western
Release ID: 487026 Release Date: 1/9/1999 0:00
Release Status: CLEANUP STARTED Status Date: 1/9/1999 0:00
Alternate Name: STAR RENTALS & SALES
Affected Media: SOIL

Facility ID: 9147 Ecology Region: North Western
Release ID: 487026 Release Date: 1/9/1999 0:00
Release Status: CLEANUP STARTED Status Date: 1/9/1999 0:00
Alternate Name: STAR RENTALS & SALES
Affected Media: GROUND WATER

UST:

Facility ID: 9147
Install Date: 1/1/1972 0:00
Capacity: 111 to 1,100 Gallons
Status: CLOSURE IN PROCESS
Tank Name: 2
Tank Material: Not reported
Substance: DIESEL
Compartment #: 1
Ecology Region: North Western

Facility ID: 9147
Install Date: 1/26/1999 0:00
Capacity: Not reported
Status: Operational
Tank Name: #2R
Tank Material: Fiberglass Reinforced Plastic
Substance: Diesel
Compartment #: 1
Ecology Region: North Western

Facility ID: 9147
Install Date: 1/1/1982 0:00
Capacity: 1,101 TO 2,000 GALLONS
Status: CLOSURE IN PROCESS
Tank Name: 1
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Facility ID: 9147
Install Date: 1/26/1999 0:00
Capacity: Not reported
Status: Operational
Tank Name: #1R
Tank Material: Fiberglass Reinforced Plastic
Substance: Unleaded Gasoline
Compartment #: 1
Ecology Region: North Western

X91
NNE
1/4-1/2
2210
Higher

OBERTO SAUSAGE CO.
2005 AIRPORT WAY S.
SEATTLE, WA 98134
Site 2 of 3 in cluster X

WA ICR 1001398913
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OBERTO SAUSAGE CO. (Continued)

1001398913

WA ICR:

Date Ecology Received Report: 06/09/1999
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-17
County Code: 17
Contact: Not reported
Report Title: Not reported

X92
NNE
1/4-1/2
2210
Higher

OBERTO SAUSAGE COMPANY
2005 AIRPORT WAY SO
SEATTLE, WA 98134

UST
LUST U003029231
N/A

Site 3 of 3 in cluster X

LUST:

Facility ID: 9849 Ecology Region: North Western
Release ID: 506221 Release Date: 6/11/1999 0:00
Release Status: CLEANUP STARTED Status Date: 4/15/1999 0:00
Alternate Name: OBERTO SAUSAGE COMPANY
Affected Media: GROUND WATER

UST:

Facility ID: 9849
Install Date: 1/1/1973 0:00
Capacity: 5,000 TO 9,999 GALLONS
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: UNLEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

Z93
NNW
1/4-1/2
2242
Lower

JACK IN THE BOX
1907 4TH AVE. S.
SEATTLE, WA 98134

WA ICR S104486956
N/A

Site 2 of 3 in cluster Z

WA ICR:

Date Ecology Received Report: 10/16/1992
Contaminants Found at Site: Petroleum products
Media Contaminated: Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-35
County Code: 17
Contact: Not reported
Report Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

	Site	Database(s)	EDR ID Number EPA ID Number
Z94 NNW 1/4-1/2 2242 Lower	JACK IN THE BOX 4TH & HOLGATE 1907 4TH AVE S SEATTLE, WA 98134 Site 3 of 3 In cluster Z LUST: Facility ID: 200767 Ecology Region: North Western Release ID: 3989 Release Date: 10/16/1992 0:00 Release Status: CLEANUP STARTED Status Date: 5/21/1995 0:00 Alternate Name: JACK IN THE BOX 4TH & HOLGATE Affected Media: SOIL Facility ID: 200767 Ecology Region: North Western Release ID: 3989 Release Date: 10/16/1992 0:00 Release Status: CLEANUP STARTED Status Date: 5/21/1995 0:00 Alternate Name: JACK IN THE BOX 4TH & HOLGATE Affected Media: GROUND WATER	LUST	S101151969 N/A
AA95 West 1/4-1/2 2256 Lower	SEARS AUTO SERVICE CENTER (TWO REPORTS) 2753 UTAH AVE. SEATTLE, WA 98134 Site 1 of 3 In cluster AA WA ICR: Date Ecology Received Report: 03/10/1993 Contaminants Found at Site: Petroleum products Media Contaminated: Groundwater, Soil Cause of Contamination: Tank Region: North Western Type of Report Ecology Received: Interim cleanup report Site Register Issue: 92-48 County Code: 17 Contact: Not reported Report Title: Not reported	WA ICR	S104487376 N/A
AA96 West 1/4-1/2 2256 Lower	SEARS AUTO SERVICE CENTER 2753 UTAH AVE. SEATTLE, WA 98134 Site 2 of 3 in cluster AA WA ICR: Date Ecology Received Report: 01/19/1993 Contaminants Found at Site: Petroleum products Media Contaminated: Soil Cause of Contamination: Tank Region: North Western Type of Report Ecology Received: Interim cleanup report Site Register Issue: 92-45 County Code: 17 Contact: Not reported Report Title: Not reported	WA ICR	S104487375 N/A
AA97 West 1/4-1/2 2256 Lower	SEARS AUTOMOTIVE CENTER 2753 UTAH SOUTH SEATTLE, WA 98134 Site 3 of 3 In cluster AA	UST LUST	U003028290 N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SEARS AUTOMOTIVE CENTER (Continued)

U003028290

LUST:

Facility ID: 7836 Ecology Region: North Western
Release ID: 3988 Release Date: 10/19/1992 0:00
Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00
Alternate Name: SEARS AUTO SERVICE CENTER
Affected Media: SOIL

Facility ID: 7836 Ecology Region: North Western
Release ID: 4340 Release Date: 3/10/1993 0:00
Release Status: AWAITING CLEANUP Status Date: 6/1/1995 0:00
Alternate Name: SEARS RETAIL & DISTRIBUTION FACILITY
Affected Media: SOIL

Facility ID: 7836 Ecology Region: North Western
Release ID: 4340 Release Date: 3/10/1993 0:00
Release Status: AWAITING CLEANUP Status Date: 6/1/1995 0:00
Alternate Name: SEARS RETAIL & DISTRIBUTION FACILITY
Affected Media: GROUND WATER

UST:

Facility ID: 7836
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 9
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7836
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Removed
Tank Name: 10
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7836
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 2
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SEARS AUTOMOTIVE CENTER (Continued)

Database(s) EDR ID Number
EPA ID Number

U003028290

Facility ID: 7836
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 3
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7836
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 4
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7836
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 5
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7836
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 6
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7836
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 7
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SEARS AUTOMOTIVE CENTER (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003028290

Facility ID: 7836
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 8
Tank Material: Steel-Unprotected
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Facility ID: 7836
Install Date: 12/31/1964 0:00
Capacity: 111 to 1,100 Gallons
Status: Removed
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: USED OIL/WASTE OIL
Compartment #: 1
Ecology Region: North Western

AB98
SSW
1/4-1/2
2301
Lower

BURGER KING SITE
3301 4TH AVE. S.
SEATTLE, WA 98134

WA ICR S104486116
N/A

Site 1 of 3 in cluster AB

WA ICR:

Date Ecology Received Report: 10/11/1990
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 90-14
County Code: 17
Contact: Not reported
Report Title: Not reported

AB99
SSW
1/4-1/2
2301
Lower

BURGER KING SITE
3301 4TH AVE S
SEATTLE, WA 98134

LUST S101098232
N/A

Site 2 of 3 in cluster AB

LUST:

Facility ID: 200174 Ecology Region: North Western
Release ID: 2582 Release Date: 5/14/1990 0:00
Release Status: CLEANUP STARTED Status Date: 5/21/1995 0:00
Alternate Name: BURGER KING SITE
Affected Media: SOIL

100
WNW
1/4-1/2
2323
Lower

THRIFTY OFFICE FURNITURE
2233 1ST AVE. S.
SEATTLE, WA 98134

WA ICR S104487743
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

THRIFTY OFFICE FURNITURE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104487743

WA ICR:

Date Ecology Received Report: 06/02/1995
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Spill
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 94-02
County Code: 17
Contact: Not reported
Report Title: Not reported

AB101
SSW
1/4-1/2-
2339
Lower

REI WOODWORKING FORMER
3314 4TH AVE S
SEATTLE, WA 98134

UST U003294881
WA ICR N/A
LUST

Site 3 of 3 in cluster AB

LUST:

Facility ID: 434882 Ecology Region: North Western
Release ID: 435068 Release Date: 4/15/1996 0:00
Release Status: CLEANUP STARTED Status Date: Not reported
Alternate Name: REI WOODWORKING FORMER
Affected Media: SOIL

Facility ID: 434882 Ecology Region: North Western
Release ID: 435068 Release Date: 4/15/1996 0:00
Release Status: CLEANUP STARTED Status Date: Not reported
Alternate Name: REI WOODWORKING FORMER
Affected Media: GROUND WATER

WA ICR:

Date Ecology Received Report: 05/20/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 95-17
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/15/1996
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 95-17
County Code: 17
Contact: Not reported
Report Title: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

REI WOODWORKING FORMER (Continued)

U003294881

UST:

Facility ID: 434882
Install Date: Not reported
Capacity: 111 TO 1,000 GALLONS
Status: REMOVED
Tank Name: #1
Tank Material: Not reported
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

102
South
1/4-1/2
2502
Higher

ALASKA COPPER & BRASS
3405 6TH AVE. S.
SEATTLE, WA 98134

WA ICR S104484569
N/A

WA ICR:

Date Ecology Received Report: 09/11/1990
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Cause of Contamination: Impoundment, Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 90-13
County Code: 17
Contact: Not reported
Report Title: Not reported

103
North
1/4-1/2
2616
Higher

MAUST TRANSFER CO
1762 6TH AVE SOUTH PO BOX 24966
SEATTLE, WA 98124

UST U003027202
LUST N/A

LUST:

Facility ID: 4994 Ecology Region: North Western
Release ID: 3275 Release Date: 4/13/1992 0:00
Release Status: CLEANUP STARTED Status Date: 6/1/1995 0:00
Alternate Name: MAUST TRANSFER
Affected Media: SOIL

UST:

Facility ID: 4994
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Closure in Process
Tank Name: 1
Tank Material: Not reported
Substance: Not reported
Compartment #: 1
Ecology Region: North Western

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MAUST TRANSFER CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003027202

Facility ID: 4994
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Closure in Process
Tank Name: 2
Tank Material: Not reported
Substance: LEADED GASOLINE
Compartment #: 1
Ecology Region: North Western

104
SSW
1/2-1
2848
Lower

ACME INTERCITY FREIGHT
3414 2ND AVE S
SEATTLE, WA 98134

RCRIS-SQG
FINDS
CSCSL

1000197192
WAD002787778

RCRIS:

Owner: ACME INTER CITY FREIGHT LINES
(360) 555-1212

Contact: ERIC PALANDER
(206) 624-7680

Record Date: 06/23/1998

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRIS

SHWS:

Facility ID: 2586

Responsible Unit: NW

Latitude: 47 34 23

Longitude: 122 19 57

Ecology Site Status relative to the MTCA cleanup process:

Ranked, Awaiting Remedial Action (RA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

5 - Lowest assessed risk to human health and to the environment

Affected Media: Surface Water

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 4

EPA Priority Pollutants - Metals and Cyanide: Not reported

Metals - Other non-priority pollutant medals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Suspected to be present

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Suspected to be present

Dioxin: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ACME INTERCITY FREIGHT (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000197192

Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2586

Responsible Unit: NW

Latitude: 47 34 23

Longitude: 122 19 57

Ecology Site Status relative to the MTCA cleanup process:

Ranked, Awaiting Remedial Action (RA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

5 - Lowest assessed risk to human health and to the environment

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 4

EPA Priority Pollutants - Metals and Cyanide: Not reported

Metals - Other non-priority pollutant metals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Confirmed above MTCA cleanup levels

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Suspected to be present

Dioxin: Not reported

Polynuclear Aromatic Hydrocarbons (PAH): Not reported

Reactive Wastes: Not reported

Corrosive Wastes: Not reported

Radioactive Wastes: Not reported

Asbestos: Not reported

Conventional Contaminants, Organic: Not reported

Conventional Contaminants, Inorganic: Not reported

AC105
SSW
1/2-1
3331
Lower

SEATTLE CITY LIGHT MRWF
3613 4TH AV S
SEATTLE, WA 98108

CSCSL S103398180
N/A

Site 1 of 2 in cluster AC

SHWS:

Facility ID: 2171

Responsible Unit: NW

Latitude: 47 34 16

Longitude: 122 19 45

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Air

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SEATTLE CITY LIGHT MRWF (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103398180

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 4
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Suspected to be present
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Suspected to be present
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2171

Responsible Unit: NW

Latitude: 47 34 16

Longitude: 122 19 45

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Soil

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 4
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Suspected to be present
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Suspected to be present
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

106
SW
1/2-1
3363
Lower

UNOCAL SS NO 5472
3460 1ST AVE S
SEATTLE, WA 98108

RCRIS-SQG 1001490854
FINDS WAD988507851
CSCSL

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

UNOCAL SS NO 5472 (Continued)

1001490854

RCRIS:

Owner: UNOCAL
(360) 640-7608
Contact: GARY GUNDERSON
(360) 640-7612

Record Date: 03/11/1997

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRIS

SHWS:

Facility ID: 64433154

Responsible Unit: NW

Latitude: 47 34 22

Longitude: 122 20 7

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Ground Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 4

EPA Priority Pollutants - Metals and Cyanide: Not reported

Metals - Other non-priority pollutant metals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Confirmed above MTCA cleanup levels

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Not reported

Dioxin: Not reported

Polynuclear Aromatic Hydrocarbons (PAH): Not reported

Reactive Wastes: Not reported

Corrosive Wastes: Not reported

Radioactive Wastes: Not reported

Asbestos: Not reported

Conventional Contaminants, Organic: Not reported

Conventional Contaminants, Inorganic: Not reported

Facility ID: 64433154

Responsible Unit: NW

Latitude: 47 34 22

Longitude: 122 20 7

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number	EPA ID Number
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UNOCAL SS NO 5472 (Continued)

1001490854

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	4
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

107
SSW
1/2-1
3377
Lower

PACIFIC TRUCKING SEATTLE
300 S SPOKANE ST
SEATTLE, WA 98005

RCRIS-SQG 1001031682
FINDS WAR000003913
CSCSL

RCRIS:

Owner: PACIFIC TRUCKING SEATTLE
Contact: SAM JOHNS
(425) 453-4572

Record Date: 12/31/1995
Classification: Not reported
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRIS

SHWS:

Facility ID: 26757974
Responsible Unit: NW
Latitude: 47 34 18
Longitude: 122 19 45
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Ground Water
Media Status: R (Remediated) - Contaminants have been treated, removed, or contained to meet cleanup levels established for the site. (This status determination may only be made by Ecology

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PACIFIC TRUCKING SEATTLE (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001031682

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 4
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Treated, removed, or contained
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 26757974

Responsible Unit: NW

Latitude: 47 34 18

Longitude: 122 19 45

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 4
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

AC108 RICCHIAZZI INDUSTRIAL PROPERTY
SSW 4424 / 4500 4TH AVE S
1/2-1 SEATTLE, WA 98108
3429
Lower Site 2 of 2 in cluster AC

CSCSL S104490888
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RICCHIAZZI INDUSTRIAL PROPERTY (Continued)

S104490888

SHWS:

Facility ID: 45819189

Responsible Unit: NW

Latitude: 47 33 54

Longitude: 122 19 50

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Final Independent Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Ground Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 4

EPA Priority Pollutants - Metals and Cyanide: Not reported

Metals - Other non-priority pollutant metals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Confirmed above MTCA cleanup levels

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Not reported

Dioxin: Not reported

Polynuclear Aromatic Hydrocarbons (PAH): Not reported

Reactive Wastes: Not reported

Corrosive Wastes: Not reported

Radioactive Wastes: Not reported

Asbestos: Not reported

Conventional Contaminants, Organic: Not reported

Conventional Contaminants, Inorganic: Not reported

Facility ID: 45819189

Responsible Unit: NW

Latitude: 47 33 54

Longitude: 122 19 50

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Final Independent Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 4

EPA Priority Pollutants - Metals and Cyanide: Not reported

Metals - Other non-priority pollutant metals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Confirmed above MTCA cleanup levels

Phenolic Compounds: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

RICCHIAZZI INDUSTRIAL PROPERTY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104490888

Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

109
WNW
1/2-1
3572
Lower

PORT OF SEATTLE TERM 30
2715 E MARGINAL WAY S
SEATTLE, WA 98134

CSCSL S100079866
N/A

SHWS:

Facility ID: 2055
Responsible Unit: NW
Latitude: 47 34 45
Longitude: 122 20 24
Ecology Site Status relative to the MTCA cleanup process:
Remedial Action in progress
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2055
Responsible Unit: NW
Latitude: 47 34 45
Longitude: 122 20 24
Ecology Site Status relative to the MTCA cleanup process:
Remedial Action in progress
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PORT OF SEATTLE TERM 30 (Continued)

S100079866

Affected Media: Surface Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Suspected to be present
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2055

Responsible Unit: NW

Latitude: 47 34 45

Longitude: 122 20 24

Ecology Site Status relative to the MTCA cleanup process:

Remedial Action in progress

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2055

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PORT OF SEATTLE TERM 30 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100079866

Responsible Unit: NW
Latitude: 47 34 45
Longitude: 122 20 24
Ecology Site Status relative to the MTCA cleanup process:
Remedial Action in progress
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Sediments
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

AD110 EMERALD PETROLEUM SERVICES INC
NNE 1500 AIRPORT WY S
1/2-1 SEATTLE, WA 98134
3682
Higher Site 1 of 2 in cluster AD

CSCSL S103083930
N/A

SHWS:

Facility ID: 2155
Responsible Unit: NW
Latitude: 47 35 24
Longitude: 122 20 5
Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Ground Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 19
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EMERALD PETROLEUM SERVICES INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103083930

Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2155

Responsible Unit: NW

Latitude: 47 35 24

Longitude: 122 20 5

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Soil

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 19
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

AD111 NORTHWEST ENVIROSERVICE
NNE 1500 TO 1700 ARPT WAY S
1/2-1 SEATTLE, WA 98134
3682
Higher Site 2 of 2 in cluster AD

PADS 1000411056
FINDS WAD058367152
RCRIS-LQG
RAATS
CORRACTS
CERC-NFRAP
UST
CA HAZNET

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NORTHWEST ENVIROSERVICE (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000411056

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported

Ownership Status: Other

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY

Completed: 19790901

Assessment: PRELIMINARY ASSESSMENT

Completed: 19800201

CERCLIS-NFRAP Alias Name(s):

NORTHWEST TANK SERVICES

CORRACTS Data:

EPA Id: WAD058367152

Region: 10

State: WA

Area Name: FACILITY

CORRACT Event Code: CA110

Original Scheduled Date: Not reported

New Scheduled Date: Not reported

Actual Date: 06/07/1994

RCRIS Corrective Action Summary:

Effective Date: 02/08/1994

Legal Authority: RCRA 3008(h) or equivalent

RCRIS:

Owner: EMERALD PETROLEUM SERVICES INC
(206) 832-3000

Contact: STACY FOX
(206) 832-3035

Record Date: 12/31/1999

Classification: Large Quantity Generator, Hazardous Waste Transporter

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	429.01	D005	2829.01
D006	2829.01	D007	2829.01
D008	2829.01	D009	2829.01
D018	24480.57		

Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated: Not reported

Area of Violation: TSD-Other Requirements

Date Violation Determined: 01/31/1984

Priority of Violation: Low

Schedule Date to Achieve Compliance: Not reported

Actual Date Achieved Compliance: 03/13/1984

Regulation Violated: Not reported

Area of Violation: TSD-Closure/Post Closure Requirements

Date Violation Determined: 11/24/1987

Priority of Violation: Low

Schedule Date to Achieve Compliance: 05/13/1988

Actual Date Achieved Compliance: 05/13/1988

Enforcement Action: Written Informal

Enforcement Action Date: 04/13/1988

Proposed Monetary Penalty: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NORTHWEST ENVIROSERVICE (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000411056

Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Financial Responsibility Requirements
Date Violation Determined:	11/24/1987
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	05/13/1988
Actual Date Achieved Compliance:	05/13/1988
Enforcement Action:	Written Informal
Enforcement Action Date:	04/13/1988
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	11/24/1987
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	05/13/1988
Actual Date Achieved Compliance:	05/13/1988
Enforcement Action:	Written Informal
Enforcement Action Date:	04/13/1988
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	08/19/1988
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	05/04/1989
Actual Date Achieved Compliance:	05/01/1989
Enforcement Action:	Initial Formal 3008(a) Compliance Order
Enforcement Action Date:	01/30/1989
Proposed Monetary Penalty:	\$ 23,000.00
Final Monetary Penalty:	\$ 23,000.00
Enforcement Action:	Final Formal 3008(a) Compliance Order
Enforcement Action Date:	04/04/1989
Proposed Monetary Penalty:	\$ 20,000.00
Final Monetary Penalty:	\$ 20,000.00
Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	04/04/1990
Priority of Violation:	High
Schedule Date to Achieve Compliance:	10/28/1990
Actual Date Achieved Compliance:	09/28/1990
Enforcement Action:	Initial Formal 3008(a) Compliance Order
Enforcement Action Date:	09/28/1990
Proposed Monetary Penalty:	\$ 98,500.00
Final Monetary Penalty:	\$ 98,500.00
Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	11/09/1990
Priority of Violation:	High
Schedule Date to Achieve Compliance:	10/28/1990
Actual Date Achieved Compliance:	06/19/1991
Enforcement Action:	Initial Formal 3008(a) Compliance Order

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NORTHWEST ENVIROSERVICE (Continued)

1000411056

Enforcement Action Date: 09/28/1990
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 11/15/1991
Priority of Violation: Low
Schedule Date to Achieve Compliance: 04/01/1993
Actual Date Achieved Compliance: 06/07/1995

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 10/20/1992
Proposed Monetary Penalty: \$ 1,189,125.00
Final Monetary Penalty: \$ 350,000.00

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 11/15/1991
Priority of Violation: Low
Schedule Date to Achieve Compliance: 04/01/1993
Actual Date Achieved Compliance: 06/07/1995

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 10/20/1992
Proposed Monetary Penalty: \$ 1,189,125.00
Final Monetary Penalty: \$ 350,000.00

Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 11/15/1991
Priority of Violation: Low
Schedule Date to Achieve Compliance: 04/01/1993
Actual Date Achieved Compliance: 06/07/1995

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 10/20/1992
Proposed Monetary Penalty: \$ 1,189,125.00
Final Monetary Penalty: \$ 350,000.00

Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 11/15/1991
Priority of Violation: High
Schedule Date to Achieve Compliance: 04/01/1993
Actual Date Achieved Compliance: 06/07/1995

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 10/20/1992
Proposed Monetary Penalty: \$ 1,189,125.00
Final Monetary Penalty: \$ 350,000.00

Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 11/15/1991
Priority of Violation: High
Schedule Date to Achieve Compliance: 04/01/1993
Actual Date Achieved Compliance: 06/07/1995

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 10/20/1992
Proposed Monetary Penalty: \$ 1,189,125.00

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

NORTHWEST ENVIROSERVICE (Continued)

1000411056

Final Monetary Penalty: \$ 350,000.00
Regulation Violated: Not reported
Area of Violation: TSD-Groundwater Monitoring Requirements
Date Violation Determined: 11/15/1991
Priority of Violation: High
Schedule Date to Achieve Compliance: 04/01/1993
Actual Date Achieved Compliance: 06/07/1995

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 10/20/1992
Proposed Monetary Penalty: \$ 1,189,125.00
Final Monetary Penalty: \$ 350,000.00

Regulation Violated: Not reported
Area of Violation: TSD-Closure/Post Closure Requirements
Date Violation Determined: 11/15/1991
Priority of Violation: High
Schedule Date to Achieve Compliance: 04/01/1993
Actual Date Achieved Compliance: 06/07/1995

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 10/20/1992
Proposed Monetary Penalty: \$ 1,189,125.00
Final Monetary Penalty: \$ 350,000.00

Regulation Violated: Not reported
Area of Violation: TSD-Financial Responsibility Requirements
Date Violation Determined: 11/15/1991
Priority of Violation: High
Schedule Date to Achieve Compliance: 04/01/1993
Actual Date Achieved Compliance: 06/07/1995

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 10/20/1992
Proposed Monetary Penalty: \$ 1,189,125.00
Final Monetary Penalty: \$ 350,000.00

Regulation Violated: Not reported
Area of Violation: TSD-Financial Responsibility Requirements
Date Violation Determined: 11/15/1991
Priority of Violation: High
Schedule Date to Achieve Compliance: 04/01/1993
Actual Date Achieved Compliance: 06/07/1995

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 10/20/1992
Proposed Monetary Penalty: \$ 1,189,125.00
Final Monetary Penalty: \$ 350,000.00

Regulation Violated: Not reported
Area of Violation: TSD-Financial Responsibility Requirements
Date Violation Determined: 11/15/1991
Priority of Violation: High
Schedule Date to Achieve Compliance: 04/01/1993
Actual Date Achieved Compliance: 06/07/1995

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 10/20/1992
Proposed Monetary Penalty: \$ 1,189,125.00
Final Monetary Penalty: \$ 350,000.00

Regulation Violated: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NORTHWEST ENVIROSERVICE (Continued)

1000411056

Area of Violation:	TSD-Other Requirements
Date Violation Determined:	11/15/1991
Priority of Violation:	High
Schedule Date to Achieve Compliance:	04/01/1993
Actual Date Achieved Compliance:	06/07/1995
Enforcement Action:	Initial Formal 3008(a) Compliance Order
Enforcement Action Date:	10/20/1992
Proposed Monetary Penalty:	\$ 1,189,125.00
Final Monetary Penalty:	\$ 350,000.00
Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	10/20/1992
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	03/01/1994
Actual Date Achieved Compliance:	06/07/1995
Enforcement Action:	Initial Formal 3008(a) Compliance Order
Enforcement Action Date:	10/20/1992
Proposed Monetary Penalty:	\$ 1,189,125.00
Final Monetary Penalty:	\$ 350,000.00
Enforcement Action:	Final Formal 3008(a) Compliance Order
Enforcement Action Date:	06/07/1995
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	\$ 350,000.00
Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	10/20/1992
Priority of Violation:	High
Schedule Date to Achieve Compliance:	03/01/1994
Actual Date Achieved Compliance:	06/07/1995
Enforcement Action:	Initial Formal 3008(a) Compliance Order
Enforcement Action Date:	10/20/1992
Proposed Monetary Penalty:	\$ 1,189,125.00
Final Monetary Penalty:	\$ 350,000.00
Enforcement Action:	Final Formal 3008(a) Compliance Order
Enforcement Action Date:	06/07/1995
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	\$ 350,000.00
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	10/20/1992
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	03/01/1994
Actual Date Achieved Compliance:	06/07/1995
Enforcement Action:	Initial Formal 3008(a) Compliance Order
Enforcement Action Date:	10/20/1992
Proposed Monetary Penalty:	\$ 1,189,125.00
Final Monetary Penalty:	\$ 350,000.00
Enforcement Action:	Final Formal 3008(a) Compliance Order
Enforcement Action Date:	06/07/1995
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	\$ 350,000.00
Regulation Violated:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NORTHWEST ENVIROSERVICE (Continued)

1000411056

Area of Violation:	TSD-Other Requirements
Date Violation Determined:	10/20/1992
Priority of Violation:	High
Schedule Date to Achieve Compliance:	03/01/1994
Actual Date Achieved Compliance:	06/07/1995
Enforcement Action:	Initial Formal 3008(a) Compliance Order
Enforcement Action Date:	10/20/1992
Proposed Monetary Penalty:	\$ 1,189,125.00
Final Monetary Penalty:	\$ 350,000.00
Enforcement Action:	Final Formal 3008(a) Compliance Order
Enforcement Action Date:	06/07/1995
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	\$ 350,000.00
Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	10/20/1992
Priority of Violation:	High
Schedule Date to Achieve Compliance:	03/01/1994
Actual Date Achieved Compliance:	06/07/1995
Enforcement Action:	Initial Formal 3008(a) Compliance Order
Enforcement Action Date:	10/20/1992
Proposed Monetary Penalty:	\$ 1,189,125.00
Final Monetary Penalty:	\$ 350,000.00
Regulation Violated:	Not reported
Area of Violation:	TSD-Groundwater Monitoring Requirements
Date Violation Determined:	10/20/1992
Priority of Violation:	High
Schedule Date to Achieve Compliance:	03/01/1994
Actual Date Achieved Compliance:	06/07/1995
Enforcement Action:	Initial Formal 3008(a) Compliance Order
Enforcement Action Date:	10/20/1992
Proposed Monetary Penalty:	\$ 1,189,125.00
Final Monetary Penalty:	\$ 350,000.00
Regulation Violated:	Not reported
Area of Violation:	TSD-Closure/Post Closure Requirements
Date Violation Determined:	10/20/1992
Priority of Violation:	High
Schedule Date to Achieve Compliance:	03/01/1994
Actual Date Achieved Compliance:	06/07/1995
Enforcement Action:	Initial Formal 3008(a) Compliance Order
Enforcement Action Date:	10/20/1992
Proposed Monetary Penalty:	\$ 1,189,125.00
Final Monetary Penalty:	\$ 350,000.00
Regulation Violated:	Not reported
Area of Violation:	TSD-Closure/Post Closure Requirements
Date Violation Determined:	10/20/1992
Priority of Violation:	High
Schedule Date to Achieve Compliance:	03/01/1994
Actual Date Achieved Compliance:	06/07/1995
Enforcement Action:	Initial Formal 3008(a) Compliance Order
Enforcement Action Date:	10/20/1992
Proposed Monetary Penalty:	\$ 1,189,125.00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NORTHWEST ENVIROSERVICE (Continued)

1000411056

Final Monetary Penalty: \$ 350,000.00
Regulation Violated: Not reported
Area of Violation: TSD-Financial Responsibility Requirements
Date Violation Determined: 10/20/1992
Priority of Violation: High
Schedule Date to Achieve Compliance: 03/01/1994
Actual Date Achieved Compliance: 06/07/1995

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 10/20/1992
Proposed Monetary Penalty: \$ 1,189,125.00
Final Monetary Penalty: \$ 350,000.00

Regulation Violated: Not reported
Area of Violation: TSD-Financial Responsibility Requirements
Date Violation Determined: 10/20/1992
Priority of Violation: High
Schedule Date to Achieve Compliance: 03/01/1994
Actual Date Achieved Compliance: 06/07/1995

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 10/20/1992
Proposed Monetary Penalty: \$ 1,189,125.00
Final Monetary Penalty: \$ 350,000.00

Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 10/20/1992
Priority of Violation: High
Schedule Date to Achieve Compliance: 03/01/1994
Actual Date Achieved Compliance: 06/07/1995

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 10/20/1992
Proposed Monetary Penalty: \$ 1,189,125.00
Final Monetary Penalty: \$ 350,000.00

Regulation Violated: Not reported
Area of Violation: TSD-Groundwater Monitoring Requirements
Date Violation Determined: 12/02/1997
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/02/1998
Actual Date Achieved Compliance: 05/13/1998

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 04/02/1998
Proposed Monetary Penalty: \$ 299,000.00
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-Groundwater Monitoring Requirements
Date Violation Determined: 12/02/1997
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/02/1998
Actual Date Achieved Compliance: 05/13/1998

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 04/02/1998
Proposed Monetary Penalty: \$ 299,000.00
Final Monetary Penalty: Not reported

Regulation Violated: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NORTHWEST ENVIROSERVICE (Continued)

1000411056

Area of Violation: TSD-Groundwater Monitoring Requirements
Date Violation Determined: 12/02/1997
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/02/1998
Actual Date Achieved Compliance: 05/13/1998

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 04/02/1998
Proposed Monetary Penalty: \$ 299,000.00
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-Groundwater Monitoring Requirements
Date Violation Determined: 12/02/1997
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/02/1998
Actual Date Achieved Compliance: 05/13/1998

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 04/02/1998
Proposed Monetary Penalty: \$ 299,000.00
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-Groundwater Monitoring Requirements
Date Violation Determined: 12/02/1997
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/02/1998
Actual Date Achieved Compliance: 05/13/1998

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 04/02/1998
Proposed Monetary Penalty: \$ 299,000.00
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-Groundwater Monitoring Requirements
Date Violation Determined: 12/02/1997
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/02/1998
Actual Date Achieved Compliance: 05/13/1998

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 04/02/1998
Proposed Monetary Penalty: \$ 299,000.00
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-Groundwater Monitoring Requirements
Date Violation Determined: 12/02/1997
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/02/1998
Actual Date Achieved Compliance: 05/13/1998

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 04/02/1998
Proposed Monetary Penalty: \$ 299,000.00
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-Groundwater Monitoring Requirements
Date Violation Determined: 12/02/1997

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NORTHWEST ENVIROSERVICE (Continued)

1000411056

Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/02/1998
Actual Date Achieved Compliance: 05/13/1998

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 04/02/1998
Proposed Monetary Penalty: \$ 299,000.00
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-Groundwater Monitoring Requirements
Date Violation Determined: 12/02/1997
Priority of Violation: Low
Schedule Date to Achieve Compliance: 05/02/1998
Actual Date Achieved Compliance: 05/13/1998

Enforcement Action: Initial Formal 3008(a) Compliance Order
Enforcement Action Date: 04/02/1998
Proposed Monetary Penalty: \$ 299,000.00
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 07/19/1991
Priority of Violation: Low
Schedule Date to Achieve Compliance: 08/30/1991
Actual Date Achieved Compliance: 08/28/1991

Enforcement Action: Written Informal
Enforcement Action Date: 07/19/1991
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 07/19/1991
Priority of Violation: Low
Schedule Date to Achieve Compliance: 08/30/1991
Actual Date Achieved Compliance: 08/28/1991

Enforcement Action: Written Informal
Enforcement Action Date: 10/26/1984
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 07/19/1991
Priority of Violation: Low
Schedule Date to Achieve Compliance: 08/30/1991
Actual Date Achieved Compliance: 08/28/1991

Enforcement Action: Written Informal
Enforcement Action Date: 07/19/1991
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 04/12/1990
Priority of Violation: Low
Schedule Date to Achieve Compliance: 10/15/1990

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NORTHWEST ENVIROSERVICE (Continued)

1000411056

Actual Date Achieved Compliance: 08/24/1990
Enforcement Action: Written Informal
Enforcement Action Date: 07/12/1990
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 10/11/1991
Priority of Violation: Low
Schedule Date to Achieve Compliance: 08/30/1991
Actual Date Achieved Compliance: 12/16/1991
Enforcement Action: Written Informal
Enforcement Action Date: 10/11/1991
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 10/11/1991
Priority of Violation: Low
Schedule Date to Achieve Compliance: 12/16/1991
Actual Date Achieved Compliance: 11/26/1991
Enforcement Action: Written Informal
Enforcement Action Date: 10/11/1991
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported
Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 06/02/1992
Priority of Violation: Low
Schedule Date to Achieve Compliance: 06/02/1992
Actual Date Achieved Compliance: 08/03/1992
Enforcement Action: Written Informal
Enforcement Action Date: 06/02/1992
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 06/02/1992
Priority of Violation: Low
Schedule Date to Achieve Compliance: 08/03/1992
Actual Date Achieved Compliance: 08/03/1992
Enforcement Action: Written Informal
Enforcement Action Date: 06/02/1992
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 06/02/1992
Priority of Violation: Low
Schedule Date to Achieve Compliance: 08/03/1992
Actual Date Achieved Compliance: 08/03/1992
Enforcement Action: Written Informal

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NORTHWEST ENVIROSERVICE (Continued)

1000411056

Enforcement Action Date: 06/02/1992
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 06/02/1992
Priority of Violation: Low
Schedule Date to Achieve Compliance: 08/03/1992
Actual Date Achieved Compliance: 08/03/1992
Enforcement Action: Written Informal
Enforcement Action Date: 06/02/1992
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 06/02/1992
Priority of Violation: Low
Schedule Date to Achieve Compliance: 08/03/1992
Actual Date Achieved Compliance: 08/03/1992
Enforcement Action: Written Informal
Enforcement Action Date: 06/02/1992
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 06/02/1992
Priority of Violation: Low
Schedule Date to Achieve Compliance: 08/03/1992
Actual Date Achieved Compliance: 08/03/1992
Enforcement Action: Written Informal
Enforcement Action Date: 06/02/1992
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported
Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 06/02/1992
Priority of Violation: Low
Schedule Date to Achieve Compliance: 08/03/1992
Actual Date Achieved Compliance: 08/03/1992
Enforcement Action: Written Informal
Enforcement Action Date: 06/02/1992
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported
Regulation Violated: Not reported
Area of Violation: Generator-All Requirements
Date Violation Determined: 12/29/1998
Priority of Violation: Low
Schedule Date to Achieve Compliance: 03/15/1999
Actual Date Achieved Compliance: 03/15/1999
Enforcement Action: Written Informal
Enforcement Action Date: 12/30/1998
Proposed Monetary Penalty: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NORTHWEST ENVIROSERVICE (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000411056

Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	12/29/1998
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	03/15/1999
Actual Date Achieved Compliance:	03/15/1999
Enforcement Action:	Written Informal
Enforcement Action Date:	12/30/1998
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	12/29/1998
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	03/15/1999
Actual Date Achieved Compliance:	03/05/1999
Enforcement Action:	Written Informal
Enforcement Action Date:	12/30/1998
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	12/29/1998
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	03/15/1999
Actual Date Achieved Compliance:	03/05/1999
Enforcement Action:	Written Informal
Enforcement Action Date:	12/30/1998
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	12/29/1998
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	03/15/1999
Actual Date Achieved Compliance:	12/29/1998
Enforcement Action:	Written Informal
Enforcement Action Date:	12/30/1998
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	12/29/1998
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	03/15/1999
Actual Date Achieved Compliance:	03/03/1999
Enforcement Action:	Written Informal
Enforcement Action Date:	12/30/1998
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

NORTHWEST ENVIROSERVICE (Continued)

1000411056

Area of Violation:	TSD-Other Requirements
Date Violation Determined:	05/01/1986
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	12/03/1986
Regulation Violated:	Not reported
Area of Violation:	TSD-Financial Responsibility Requirements
Date Violation Determined:	05/18/1987
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	05/13/1988
Actual Date Achieved Compliance:	05/12/1988
Enforcement Action:	Written Informal
Enforcement Action Date:	04/13/1988
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	05/18/1987
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	05/13/1988
Actual Date Achieved Compliance:	05/13/1988
Enforcement Action:	Written Informal
Enforcement Action Date:	04/13/1988
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NORTHWEST ENVIROSERVICE (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000411056

There are 60 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	03/15/1999
	Generator-All Requirements	03/15/1999
	Generator-All Requirements	03/05/1999
	Generator-All Requirements	03/05/1999
	Generator-All Requirements	12/29/1998
Compliance Groundwater Monitoring Evaluation (CME)	Generator-All Requirements	03/03/1999
	TSD-Groundwater Monitoring Requirements	05/13/1998
	TSD-Groundwater Monitoring Requirements	05/13/1998
	TSD-Groundwater Monitoring Requirements	05/13/1998
	TSD-Groundwater Monitoring Requirements	05/13/1998
	TSD-Groundwater Monitoring Requirements	05/13/1998
	TSD-Groundwater Monitoring Requirements	05/13/1998
	TSD-Groundwater Monitoring Requirements	05/13/1998
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	11/26/1991
	Generator-All Requirements	08/03/1992
	TSD-Other Requirements	08/03/1992
	TSD-Other Requirements	08/03/1992
	TSD-Other Requirements	08/03/1992
	TSD-Other Requirements	08/03/1992
	TSD-Other Requirements	08/03/1992
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	06/07/1995
	Generator-All Requirements	06/07/1995
	Generator-All Requirements	06/07/1995
	TSD-Other Requirements	06/07/1995
	TSD-Other Requirements	06/07/1995
	TSD-Groundwater Monitoring Requirements	06/07/1995
	TSD-Closure/Post Closure Requirements	06/07/1995
	TSD-Financial Responsibility Requirements	06/07/1995
	TSD-Financial Responsibility Requirements	06/07/1995
	TSD-Financial Responsibility Requirements	06/07/1995
	TSD-Other Requirements	06/07/1995
	TSD-Other Requirements	06/07/1995
	TSD-Other Requirements	06/07/1995
	Generator-All Requirements	06/07/1995
	TSD-Other Requirements	06/07/1995
	TSD-Other Requirements	06/07/1995
	TSD-Groundwater Monitoring Requirements	06/07/1995
	TSD-Closure/Post Closure Requirements	06/07/1995
	TSD-Closure/Post Closure Requirements	06/07/1995
	TSD-Financial Responsibility Requirements	06/07/1995
TSD-Financial Responsibility Requirements	06/07/1995	
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	06/07/1995
	TSD-Other Requirements	08/28/1991
	TSD-Other Requirements	08/28/1991
	TSD-Other Requirements	08/28/1991
	TSD-Other Requirements	12/16/1991
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	11/26/1991
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	06/19/1991
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	08/24/1990
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	09/28/1990

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NORTHWEST ENVIROSERVICE (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000411056

Other Evaluation	TSD-Other Requirements	05/01/1989
Compliance Evaluation Inspection (CEI)	TSD-Closure/Post Closure Requirements	05/13/1988
	TSD-Financial Responsibility Requirements	05/13/1988
	TSD-Other Requirements	05/13/1988
Compliance Evaluation Inspection (CEI)	TSD-Financial Responsibility Requirements	05/12/1988
	TSD-Other Requirements	05/13/1988
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	12/03/1986
Other Evaluation	TSD-Other Requirements	08/28/1991
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/13/1984

FINDS:

Other Pertinent Environmental Activity Identified at Site:

BRS
Enforcement Docket System (DOCKET)
National Compliance Database (NCDB)
PCB Handler Activity Data System (PADS)
RCRIS

UST:

Facility ID: 104
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Closed in Place
Tank Name: W-6
Tank Material: Steel-Unprotected
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

HAZNET:

Gepaid:	WAD058367152	Tepaid:	CAD009452657
Contact:	JOHN S BANCHERO, JR, PRES	Telephone:	(206) 764-1190
Gen County:	41	Tsd County:	San Mateo
Tons:	20.85		
Category:	Aqueous solution with metals (restricted levels and Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc))		

Disposal Method: Disposal, Other
Mailing Address: 54 S STATE
SEATTLE, WA 98134
County: Not reported

Gepaid:	WAD058367152	Tepaid:	CAD009452657
Contact:	JOHN S BANCHERO, JR, PRES	Telephone:	(206) 764-1190
Gen County:	41	Tsd County:	San Mateo
Tons:	64.218		
Category:	Unspecified aqueous solution		
Disposal Method:	Not reported		
Mailing Address:	54 S STATE SEATTLE, WA 98134		
County:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

NORTHWEST ENVIROSERVICE (Continued)

1000411056

Gepaid:	WAD058367152	Tepaid:	CAD009452657
Contact:	JOHN S BANCHERO, JR, PRES	Telephone:	(206) 764-1190
Gen County:	41	Tsd County:	San Mateo
Tons:	76.311		
Category:	Unspecified aqueous solution		
Disposal Method:	Disposal, Other		
Mailing Address:	54 S STATE		
	SEATTLE, WA 98134		
County	Not reported		
Gepaid:	WAD058367152	Tepaid:	CAD009452657
Contact:	JOHN S BANCHERO, JR, PRES	Telephone:	(206) 764-1190
Gen County:	41	Tsd County:	San Mateo
Tons:	101.331		
Category:	Unspecified aqueous solution		
Disposal Method:	Recycler		
Mailing Address:	54 S STATE		
	SEATTLE, WA 98134		
County	Not reported		
Gepaid:	WAD058367152	Tepaid:	CAD009452657
Contact:	JOHN S BANCHERO, JR, PRES	Telephone:	(206) 764-1190
Gen County:	41	Tsd County:	San Mateo
Tons:	1.5846		
Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)		
Disposal Method:	Disposal, Other		
Mailing Address:	54 S STATE		
	SEATTLE, WA 98134		
County	Not reported		

The CA HAZNET database contains 38 additional records for this site.
Please contact your EDR Account Executive for more information.

AE112 SEATTLE CITY LIGHT 4TH AVE S
South 3814 4TH AVE S
1/2-1 SEATTLE, WA 98134
3940
Lower Site 1 of 2 in cluster AE

CSCSL S104971254
N/A

SHWS:

Facility ID: 16777876
Responsible Unit: NW
Latitude: 47 34 10
Longitude: 122 19 46
Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Base/Neutral/Acid Organics: Confirmed above MTCA cleanup levels
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 1
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals: Confirmed above MTCA cleanup levels

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SEATTLE CITY LIGHT 4TH AVE S (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104971254

Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

AE113
South
1/2-1
3940
Lower

SEATTLE CITY LIGHT 4TH AVE S
3814 4TH AVE S
SEATTLE, WA 98134
Site 2 of 2 in cluster AE

CSCSL S104971255
N/A

SHWS:

Facility ID: 16777876
Responsible Unit: NW
Latitude: 47 34 10
Longitude: 122 19 46

Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:
Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Confirmed above MTCA cleanup levels
Halogenated Organic Compounds:	Suspected to be present
Horizontal Collection Method:	1
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Confirmed above MTCA cleanup levels
Polychlorinated biPhenyls (PCBs):	Suspected to be present
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

114
North
1/2-1
4139
Higher

METRO CENTRAL OPERATING BASE
1333 AIRPORT WY S
SEATTLE, WA 98134

CSCSL S101189031
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO CENTRAL OPERATING BASE (Continued)

EDR ID Number
EPA ID Number
Database(s)

S101189031

SHWS:

Facility ID: 2220
Responsible Unit: NW
Latitude: 47 35 29
Longitude: 122 19 25
Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Ground Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations
or manufacturing processes, certain contaminants are suspected to be present at the
site
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Suspected to be present

Facility ID: 2220
Responsible Unit: NW
Latitude: 47 35 29
Longitude: 122 19 25
Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Surface Water
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations
or manufacturing processes, certain contaminants are suspected to be present at the
site
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

METRO CENTRAL OPERATING BASE (Continued)

S101189031

Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Suspected to be present

Facility ID: 2220

Responsible Unit: NW

Latitude: 47 35 29

Longitude: 122 19 25

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Suspected to be present

Facility ID: 2220

Responsible Unit: NW

Latitude: 47 35 29

Longitude: 122 19 25

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Sediments

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

METRO CENTRAL OPERATING BASE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101189031

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Suspected to be present

115
SW
1/2-1
4247
Lower

NELSON IRON WORKS
45 S SPOKANE ST
SEATTLE, WA 98134

RCRIS-SQG 1000706872
FINDS WAD988498457
WA ICR
CSCSL

RCRIS:

Owner: NELSON IRON WORKS
(360) 555-1212

Contact: GLORIA NAGLER
(206) 464-1453

Record Date: 03/22/1994
Classification: Not reported
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RCRIS

SHWS:

Facility ID: 2417
Responsible Unit: NW
Latitude: 47 34 17
Longitude: 122 20 12

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Ground Water

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NELSON IRON WORKS (Continued)

1000706872

EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2417

Responsible Unit: NW

Latitude: 47 34 17

Longitude: 122 20 12

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2417

Responsible Unit: NW

Latitude: 47 34 17

Longitude: 122 20 12

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NELSON IRON WORKS (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000706872

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Sediments
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

WA ICR:

Date Ecology Received Report:	08/10/1994
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Cause of Contamination:	Spill, IH
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	93-34
County Code:	17
Contact:	Not reported
Report Title:	Not reported

Date Ecology Received Report:	09/23/1991
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Cause of Contamination:	Tank
Region:	North Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-30
County Code:	17
Contact:	Not reported
Report Title:	Not reported

116
NW
1/2-1
4280
Lower

GATX FACILITY
1733 ALASKAN WAY S
SEATTLE, WA 98124

RCRIS-SQG 1000439045
FINDS WAD097820393
WA ICR
CSCSL

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

GATX FACILITY (Continued)

1000439045

RCRIS:

Owner: GATX TERMINALS CORP
(312) 621-6200

Contact: ANDREW HOLBROOK
(503) 220-1243

Record Date: 09/03/1998

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Permit Compliance System (PCS)

RCRIS

SHWS:

Facility ID: 2523

Responsible Unit: NW

Latitude: 47 35 20

Longitude: 122 20 33

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup;

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Ground Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:

Not reported

Halogenated Organic Compounds:

Not reported

Horizontal Collection Method:

4

EPA Priority Pollutants - Metals and Cyanide:

Confirmed above MTCA cleanup levels

Metals - Other non-priority pollutant metals:

Not reported

Polychlorinated biPhenyls (PCBs):

Not reported

Pesticides:

Not reported

Petroleum Products:

Confirmed above MTCA cleanup levels

Phenolic Compounds:

Not reported

Non-Halogenated Solvents:

Confirmed above MTCA cleanup levels

Dioxin:

Not reported

Polynuclear Aromatic Hydrocarbons (PAH):

Confirmed above MTCA cleanup levels

Reactive Wastes:

Not reported

Corrosive Wastes:

Not reported

Radioactive Wastes:

Not reported

Asbestos:

Not reported

Conventional Contaminants, Organic:

Not reported

Conventional Contaminants, Inorganic:

Not reported

Facility ID: 2523

Responsible Unit: NW

Latitude: 47 35 20

Longitude: 122 20 33

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GATX FACILITY (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000439045

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:

Not reported

Halogenated Organic Compounds:

Not reported

Horizontal Collection Method:

4

EPA Priority Pollutants - Metals and Cyanide:

Confirmed above MTCA cleanup levels

Metals - Other non-priority pollutant metals:

Not reported

Polychlorinated biPhenyls (PCBs):

Not reported

Pesticides:

Not reported

Petroleum Products:

Confirmed above MTCA cleanup levels

Phenolic Compounds:

Not reported

Non-Halogenated Solvents:

Confirmed above MTCA cleanup levels

Dioxin:

Not reported

Polynuclear Aromatic Hydrocarbons (PAH):

Confirmed above MTCA cleanup levels

Reactive Wastes:

Not reported

Corrosive Wastes:

Not reported

Radioactive Wastes:

Not reported

Asbestos:

Not reported

Conventional Contaminants, Organic:

Not reported

Conventional Contaminants, Inorganic:

Not reported

Facility ID: 2523

Responsible Unit: NW

Latitude: 47 35 20

Longitude: 122 20 33

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Sediments

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:

Not reported

Halogenated Organic Compounds:

Not reported

Horizontal Collection Method:

4

EPA Priority Pollutants - Metals and Cyanide:

Suspected to be present

Metals - Other non-priority pollutant metals:

Not reported

Polychlorinated biPhenyls (PCBs):

Not reported

Pesticides:

Not reported

Petroleum Products:

Suspected to be present

Phenolic Compounds:

Not reported

Non-Halogenated Solvents:

Suspected to be present

Dioxin:

Not reported

Polynuclear Aromatic Hydrocarbons (PAH):

Suspected to be present

Reactive Wastes:

Not reported

Corrosive Wastes:

Not reported

Radioactive Wastes:

Not reported

Asbestos:

Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GATX FACILITY (Continued)

1000439045

Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

WA ICR:

Date Ecology Received Report: 01/13/2000
Contaminants Found at Site: Metals
Petroleum products
Non-halogenated solvents
Polynuclear aromatic hydrocarbons
Media Contaminated: Groundwater, Soil
Cause of Contamination: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 98-22
County Code: 17
Contact: Not reported
Report Title: Not reported

117
South
1/2-1
4466
Higher

SPEAR TRUSTS WHSE
4001 6TH AV S
SEATTLE, WA 98108

CSCSL S100079898
N/A

SHWS:

Facility ID: 2366
Responsible Unit: NW
Latitude: 47 34 5
Longitude: 122 19 36
Ecology Site Status relative to the MTCA cleanup process:
Awaiting Site Hazard Assessment (SHA)
Independent Site Status - those sites undergoing an independent cleanup:
Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Suspected to be present
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2366

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SPEAR TRUSTS WHSE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100079898

Responsible Unit: NW

Latitude: 47 34 5

Longitude: 122 19 36

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 3

EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels

Metals - Other non-priority pollutant metals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Confirmed above MTCA cleanup levels

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Confirmed above MTCA cleanup levels

Dioxin: Not reported

Polynuclear Aromatic Hydrocarbons (PAH): Not reported

Reactive Wastes: Not reported

Corrosive Wastes: Not reported

Radioactive Wastes: Not reported

Asbestos: Not reported

Conventional Contaminants, Organic: Not reported

Conventional Contaminants, Inorganic: Not reported

Facility ID: 2366

Responsible Unit: NW

Latitude: 47 34 5

Longitude: 122 19 36

Ecology Site Status relative to the MTCA cleanup process:

Awaiting Site Hazard Assessment (SHA)

Independent Site Status - those sites undergoing an independent cleanup:

Not reported

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Sediments

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 3

EPA Priority Pollutants - Metals and Cyanide: Suspected to be present

Metals - Other non-priority pollutant metals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Suspected to be present

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Suspected to be present

Dioxin: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SPEAR TRUSTS WHSE (Continued)

S100079898

Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

118
NW
1/2-1
4541
Lower

US GSA
1555 ALASKAN WAY S
SEATTLE, WA 98134

RCRIS-SQG 1001805810
FINDS WA3470090074
CSCSL

RCRIS:

Owner: WA GA
(206) 764-5900

Contact: JOE DUNCAN
(206) 764-3780

Record Date: 09/02/1999

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Federal Facility Information System (FFIS)

RCRIS

SHWS:

Facility ID: 91231465

Responsible Unit: NW

Latitude: 47 35 22

Longitude: 122 20 21

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Ground Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported

Halogenated Organic Compounds: Not reported

Horizontal Collection Method: 4

EPA Priority Pollutants - Metals and Cyanide: Not reported

Metals - Other non-priority pollutant metals: Not reported

Polychlorinated biPhenyls (PCBs): Not reported

Pesticides: Not reported

Petroleum Products: Confirmed above MTCA cleanup levels

Phenolic Compounds: Not reported

Non-Halogenated Solvents: Not reported

Dioxin: Not reported

Polynuclear Aromatic Hydrocarbons (PAH): Not reported

Reactive Wastes: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

US GSA (Continued)

1001805810

Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 91231465
Responsible Unit: NW
Latitude: 47 35 22
Longitude: 122 20 21
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number Indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Not reported
Horizontal Collection Method: 4
EPA Priority Pollutants - Metals and Cyanide: Not reported
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

119
SW
1/2-1
4649
Lower

MC TERMINALS
40 S SPOKANE ST
SEATTLE, WA 98134

CSCSL S100079836
N/A

SHWS:

Facility ID: 2372
Responsible Unit: NW
Latitude: 47 34 17
Longitude: 122 20 13
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number Indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

MC TERMINALS (Continued)

S100079836

Base/Neutral/Acid Organics:	Suspected to be present
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Suspected to be present
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 2372

Responsible Unit: NW

Latitude: 47 34 17

Longitude: 122 20 13

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Soil

Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Suspected to be present
Halogenated Organic Compounds:	Suspected to be present
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Suspected to be present
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

120
SSW
1/2-1
4699
Lower

VOPAK USA INC 1ST AVE S
4000 1ST AV S
SEATTLE, WA 98134

CSCSL S100079912
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

VOPAK USA INC 1ST AVE S (Continued)

Database(s)

EDR ID Number
EPA ID Number

S100079912

SHWS:

Facility ID: 2340
Responsible Unit: NW
Latitude: 47 34 8
Longitude: 122 20 3
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Ground Water
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Suspected to be present
Phenolic Compounds: Suspected to be present
Non-Halogenated Solvents: Confirmed above MTCA cleanup levels
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2340
Responsible Unit: NW
Latitude: 47 34 8
Longitude: 122 20 3
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)
Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Suspected to be present
Metals - Other non-priority pollutant medals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Confirmed above MTCA cleanup levels
Phenolic Compounds: Suspected to be present

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

VOPAK USA INC 1ST AVE S (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100079912

Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

121
South
1/2-1
4932
Higher

NORTHWEST PLATING
825 S DAKOTA
SEATTLE, WA 98108

RCRIS-SQG
FINDS
UST
CSCSL

1000411055
WAD009244864

RCRIS:

Owner: NORTHWEST PLATING
Contact: JOHN DRAKE
(206) 527-1421

Record Date: 07/02/1997
Classification: Not reported
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRIS
TRIS

SHWS:

Facility ID: 2231
Responsible Unit: NW
Latitude: 47 34 1
Longitude: 122 19 20

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media: Ground Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	3
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NORTHWEST PLATING (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000411055

Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

Facility ID: 2231
Responsible Unit: NW
Latitude: 47 34 1
Longitude: 122 19 20

Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:
Independent Site Assessment of Interim Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported

Affected Media: Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics: Not reported
Halogenated Organic Compounds: Confirmed above MTCA cleanup levels
Horizontal Collection Method: 3
EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals: Not reported
Polychlorinated biPhenyls (PCBs): Not reported
Pesticides: Not reported
Petroleum Products: Not reported
Phenolic Compounds: Not reported
Non-Halogenated Solvents: Not reported
Dioxin: Not reported
Polynuclear Aromatic Hydrocarbons (PAH): Not reported
Reactive Wastes: Not reported
Corrosive Wastes: Not reported
Radioactive Wastes: Not reported
Asbestos: Not reported
Conventional Contaminants, Organic: Not reported
Conventional Contaminants, Inorganic: Not reported

UST:

Facility ID: 100187
Install Date: 12/31/1964 0:00
Capacity: Not reported
Status: Closure in Process
Tank Name: 1
Tank Material: Steel-Unprotected
Substance: HAZARDOUS SUBSTANCE
Compartment #: 1
Ecology Region: North Western

122
South
1/2-1
4983
Lower

WASHINGTON TRUCKING ASSOC
4101 4TH AVE S
SEATTLE, WA 98134

RCRIS-SQG 1001121533
FINDS WAR000009555
UST
WA ICR
CSCSL

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

WASHINGTON TRUCKING ASSOC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001121533

RCRIS:

Owner: WASHINGTON TRUCKING ASSOC
(253) 838-1650

Contact: TIMOTHY KARPIN
(916) 649-2424

Record Date: 02/28/1998

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRIS

SHWS:

Facility ID: 44295317

Responsible Unit: NW

Latitude: 47 33 60

Longitude: 122 19 45

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an Independent cleanup:

Final Independent Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Soil

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:

Not reported

Halogenated Organic Compounds:

Not reported

Horizontal Collection Method:

99

EPA Priority Pollutants - Metals and Cyanide:

Not reported

Metals - Other non-priority pollutant metals:

Not reported

Polychlorinated biPhenyls (PCBs):

Confirmed above MTCA cleanup levels

Pesticides:

Not reported

Petroleum Products:

Suspected to be present

Phenolic Compounds:

Not reported

Non-Halogenated Solvents:

Not reported

Dioxin:

Not reported

Polynuclear Aromatic Hydrocarbons (PAH):

Not reported

Reactive Wastes:

Not reported

Corrosive Wastes:

Not reported

Radioactive Wastes:

Not reported

Asbestos:

Not reported

Conventional Contaminants, Organic:

Not reported

Conventional Contaminants, Inorganic:

Not reported

WA ICR:

Date Ecology Received Report: 04/18/1996

Contaminants Found at Site: Petroleum products

Media Contaminated:

Soil

Cause of Contamination:

Tank

Region:

North Western

Type of Report Ecology Received: Interim cleanup report

Site Register Issue:

95-04

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

WASHINGTON TRUCKING ASSOC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001121533

County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: / /
Contaminants Found at Site: Petroleum products
PCB's
Media Contaminated: Soil
Cause of Contamination: Improper Handling, T
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 98-25
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 02/01/1995
Contaminants Found at Site: Petroleum products
PCB's
Media Contaminated: Groundwater, Soil
Cause of Contamination: Spill
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-02
County Code: 17
Contact: Not reported
Report Title: Not reported

UST:

Facility ID: 421675
Install Date: Not reported
Capacity: Not reported
Status: REMOVED
Tank Name: 1
Tank Material: Not reported
Substance: HEATING FUEL
Compartment #: 1
Ecology Region: North Western

123
SSW
1/2-1
5109
Lower

CITY COMMERCE PARK
4115 1ST AVE S
SEATTLE, WA 98134

CSCSL S104490869
N/A

SHWS:

Facility ID: 76834465
Responsible Unit: NW
Latitude: 47 34 1
Longitude: 122 20 4
Ecology Site Status relative to the MTCA cleanup process:
Independent Remedial Action
Independent Site Status - those sites undergoing an independent cleanup:
Final Independent Remedial Action Report received
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):
Not reported
Affected Media: Soil
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has
been confirmed by laboratory analysis (or field determination in the case of petroleum
contamination)

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CITY COMMERCE PARK (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104490869

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	4
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

Facility ID: 76834465

Responsible Unit: NW

Latitude: 47 34 1

Longitude: 122 20 4

Ecology Site Status relative to the MTCA cleanup process:

Independent Remedial Action

Independent Site Status - those sites undergoing an independent cleanup:

Final Independent Remedial Action Report received

WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):

Not reported

Affected Media:

Ground Water

Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
Horizontal Collection Method:	4
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
SEATTLE	S103509231	SHELL #20597	15TH AVE. S.	98144	WA ICR	
SEATTLE	S104280749	HOME DEPOT	352ND / 16TH AVE. S.	98144	WA ICR	
SEATTLE	S103512940	CALIFORNIA AVE. LAW APTS. PROP.	3703, 3705, 3707 CALIFORNIA AV		WA ICR	
SEATTLE	S103510982	VICTORIAN ROW APARTMENTS	1234 - 38 S. KING ST.	98144	WA ICR	
SEATTLE	1001490548	MCKINSTRY CO	4975 A 3RD AVE S	98134	RCRIS-SQG, FINDS	
SEATTLE	S104485177	US POSTAL SERVICE STATION (TWO REP	2401 2445 3RD AVE. S.	98134	WA ICR	
SEATTLE	S104223669	SR 99 & FIRST AVE. BRIDGE SPILLWS	SR 99 / FIRST AVE. BRIDGE		WA ICR	
SEATTLE	S104918046	SOUTHPARK LANDFILL	8200 2ND AVE S	98108	CSCSL	2180
SEATTLE	S104917979	EAST WEST INVESTMENTS	6TH AVE / S LANE	98144	CSCSL	66838715
SEATTLE	S104488046	WSDOT - SIGNALS	3700 9TH AVE. S.	98134	WA ICR	
SEATTLE	S102997397	EAST-WEST INVESTMENTS	6TH AVENUE / SO. LANE	98144	LUST	436162
SEATTLE	S103509232	SHELL #20597	2424 BEACON HILL	98144	WA ICR	
SEATTLE	S104586214	SHELL #20597 (TWO REPORTS)	2424 BEACON HILL	98144	WA ICR	
SEATTLE	S104490872	GEORGETOWN CENTER	NW CORNER OF CORSON AVE S /	98108	CSCSL	96679259
SEATTLE	1001491029	HANFORD DRUMS	100 FT S OF SE COR 8TH AVE S &	98134	RCRIS-SQG, FINDS	
SEATTLE	S103350801	SOUTH TS / SOUTH HHW FACILITY - MR	7800 SECOND AVENUE S		SWF/LF	NKS6

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D018	BENZENE
D035	METHYL ETHYL KETONE
D039	TETRACHLOROETHYLENE
D040	TRICHLOROETHYLENE
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

EPA Waste Codes Addendum

Code	Description
F006	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC).

Date of Government Version: 04/17/01

Date Made Active at EDR: 08/06/01

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/09/01

Elapsed ASTM days: 89

Date of Last EDR Contact: 08/06/01

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 04/17/01

Date Made Active at EDR: 08/06/01

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/09/01

Elapsed ASTM days: 89

Date of Last EDR Contact: 08/06/01

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/16/01

Date Made Active at EDR: 04/30/01

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/26/01

Elapsed ASTM days: 35

Date of Last EDR Contact: 06/25/01

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 03/16/01

Date Made Active at EDR: 04/30/01

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/26/01

Elapsed ASTM days: 35

Date of Last EDR Contact: 06/25/01

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/27/01
Date Made Active at EDR: 05/16/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/11/01
Elapsed ASTM days: 35
Date of Last EDR Contact: 06/12/01

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS
Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 06/21/00
Date Made Active at EDR: 07/31/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 07/10/00
Elapsed ASTM days: 21
Date of Last EDR Contact: 07/02/01

ERNS: Emergency Response Notification System

Source: EPA/NTIS
Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/08/00
Date Made Active at EDR: 09/06/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/11/00
Elapsed ASTM days: 26
Date of Last EDR Contact: 08/10/01

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS
Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/97
Database Release Frequency: Biennially

Date of Last EDR Contact: 06/18/01
Date of Next Scheduled EDR Contact: 09/17/01

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices
Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision

Source: NTIS
Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/30/99
Database Release Frequency: Annually

Date of Last EDR Contact: 07/10/01
Date of Next Scheduled EDR Contact: 10/08/01

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/06/01
Date of Next Scheduled EDR Contact: 11/05/01

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/07/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/09/01
Date of Next Scheduled EDR Contact: 10/06/01

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 07/23/01
Date of Next Scheduled EDR Contact: 10/22/01

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/30/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/09/01
Date of Next Scheduled EDR Contact: 10/08/01

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 08/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/02/01
Date of Next Scheduled EDR Contact: 10/01/01

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/23/01
Date of Next Scheduled EDR Contact: 08/20/01

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-260-3936

PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/30/01
Database Release Frequency: Annually

Date of Last EDR Contact: 05/18/01
Date of Next Scheduled EDR Contact: 08/13/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/11/01

Date of Next Scheduled EDR Contact: 09/10/01

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/98

Database Release Frequency: Annually

Date of Last EDR Contact: 06/27/01

Date of Next Scheduled EDR Contact: 09/24/01

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-1444

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 07/09/01

Date of Next Scheduled EDR Contact: 09/10/01

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/00

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/26/01

Date of Next Scheduled EDR Contact: 09/24/01

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 08/10/00

Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/26/01

Date of Next Scheduled EDR Contact: 09/24/01

STATE OF WASHINGTON ASTM STANDARD RECORDS

CSCSL: Confirmed & Suspected Contaminated Sites List

Source: Department of Ecology

Telephone: 360-407-7200

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/30/01
Date Made Active at EDR: 07/11/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/11/01
Elapsed ASTM days: 30
Date of Last EDR Contact: 06/06/01

HSL: Hazardous Sites List

Source: Department of Ecology
Telephone: 360-407-7200

The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 02/27/01
Date Made Active at EDR: 04/30/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 03/12/01
Elapsed ASTM days: 49
Date of Last EDR Contact: 06/11/01

SWF/LF: Solid Waste Facility Database

Source: Department of Ecology
Telephone: 360-407-6132

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/01/00
Date Made Active at EDR: 12/22/00
Database Release Frequency: Annually

Date of Data Arrival at EDR: 11/30/00
Elapsed ASTM days: 22
Date of Last EDR Contact: 07/09/01

LUST: Leaking Underground Storage Tanks Site List

Source: Department of Ecology
Telephone: 360-407-7200

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 06/08/01
Date Made Active at EDR: 07/10/01
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/11/01
Elapsed ASTM days: 29
Date of Last EDR Contact: 06/06/01

UST: Underground Storage Tank Database

Source: Department of Ecology
Telephone: 360-407-7170

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 06/08/01
Date Made Active at EDR: 07/03/01
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/11/01
Elapsed ASTM days: 22
Date of Last EDR Contact: 06/06/01

STATE OF WASHINGTON ASTM SUPPLEMENTAL RECORDS

ICR: Independent Cleanup Reports

Source: Department of Ecology
Telephone: 360-407-7200

These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree.

Date of Government Version: 05/30/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/24/01
Date of Next Scheduled EDR Contact: 08/20/01

CSCSL NFA: Confirmed & Contaminated Sites - No Further Action

Source: Department of Ecology
Telephone: 360-407-7170

The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead, a No Further Action code is entered based upon the type of NFA determination the site received.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/30/01
Database Release Frequency: N/A

Date of Last EDR Contact: 06/11/01
Date of Next Scheduled EDR Contact: 08/20/01

EMI: Washington Emissions Data System
Source: Department of Ecology
Telephone: 360-407-6040

Date of Government Version: 12/31/99
Database Release Frequency: Annually

Date of Last EDR Contact: 07/24/01
Date of Next Scheduled EDR Contact: 10/22/01

LOCAL RECORDS

KING COUNTY:

Abandoned Landfill Study in King County

Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785

The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/85
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/21/94
Date of Next Scheduled EDR Contact: N/A

SEATTLE COUNTY:

Abandoned Landfill Study in the City of Seattle

Source: Seattle - King County Department of Public Health
Telephone: 206-296-4785

The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/84
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/21/94
Date of Next Scheduled EDR Contact: N/A

SEATTLE/KING COUNTY:

Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project

Source: Department of Public Health
Telephone: 206-296-4785

This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/86
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/14/95
Date of Next Scheduled EDR Contact: N/A

SNOHOMISH COUNTY:

Solid Waste Sites of Record at Snohomish Health District

Source: Snohomish Health District
Telephone: 206-339-5250

Date of Government Version: 06/13/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/24/01
Date of Next Scheduled EDR Contact: 10/22/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TACOMA/PIERCE COUNTY:

Closed Landfill Survey

Source: Tacoma-Pierce County Health Department

Telephone: 206-591-6500

Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 04/15/93

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 01/11/95

Date of Next Scheduled EDR Contact: N/A

EDR PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

HISTORICAL AND OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

2450 6TH AVENUE SOUTH
2450 6TH AVENUE SOUTH
SEATTLE, WA 98134

TARGET PROPERTY COORDINATES

Latitude (North):	47.580299 - 47° 34' 49.1"
Longitude (West):	122.325897 - 122° 19' 33.2"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	550692.8
UTM Y (Meters):	5269655.5

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2447122-E3 SEATTLE SOUTH, WA
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General West

Source: General Topographic Gradient has been determined from the USGS 1 Degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
KING, WA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 53033C0630F / CWPP

Additional Panels in search area: 53033C0635F / CWNP

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
SEATTLE SOUTH

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius: 2.0 miles
 Location Relative to TP: 0 - 1/8 Mile North
 Site Name: INDUSTRIAL PLATING CORP
 Site EPA ID Number: WAD009491200
 Groundwater Flow Direction: TOWARD PUGET SOUND (ASSUMED)
 Measured Depth to Water: 5 feet
 Hydraulic Connection: The site is underlain by approximately 14 feet of fill and a clay layer that is 44 feet thick.
 Sole Source Aquifer: No information about a sole source aquifer is available
 Data Quality: Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
A2	1/2 - 1 Mile South	Not Reported
A3	1/2 - 1 Mile SSW	Varies
A4	1/2 - 1 Mile SSW	Not Reported
5	1/2 - 1 Mile SW	WNW
9	1/2 - 1 Mile NNW	NNW
12	1/2 - 1 Mile North	Not Reported
13	1 - 2 Miles ENE	ENE
14	1 - 2 Miles North	SW
15	1 - 2 Miles NNE	SE
16	1 - 2 Miles West	Not Reported
17	1 - 2 Miles NNE	SW
18	1 - 2 Miles SSW	W
19	1 - 2 Miles West	Not Reported
20	1 - 2 Miles SSW	WNW
21	1 - 2 Miles WNW	Varies
22	1 - 2 Miles SSW	Not Reported
23	1 - 2 Miles SSW	W
24	1 - 2 Miles NNW	SW
25	1 - 2 Miles SSW	NE
B26	1 - 2 Miles West	NW
28	1 - 2 Miles NNE	SSE

For additional site information, refer to Physical Setting Source Map Findings.

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

* ©1998 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GEOLOGIC AGE IDENTIFICATION

Geologic Code: Q
 Era: Cenozoic
 System: Quaternary
 Series: Quaternary

ROCK STRATIGRAPHIC UNIT

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: PILCHUCK

Soil Surface Texture: loamy sand

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat excessive. Soils have high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	20 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 6.10
2	20 inches	38 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 5.60

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	38 inches	60 inches	gravelly - sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COURSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 20.00	Max: 7.30 Min: 6.10
4	60 inches	70 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COURSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.50 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinator soil types may appear within the general area of target property.

- Soil Surface Textures: fine sandy loam
silt loam
silty clay loam
gravelly - loam
gravelly - coarse sand
muck
loam
- Surficial Soil Types: fine sandy loam
silt loam
silty clay loam
gravelly - loam
gravelly - coarse sand
muck
loam
- Shallow Soil Types: fine sandy loam
silty clay loam
silt loam
peaty - silt loam
loam
sandy loam
- Deeper Soil Types: silt loam
silty clay loam
very gravelly - coarse sand
stratified
loamy fine sand
very gravelly - sand
sapric material
sand
very gravelly - loamy sand

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

loamy sand

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	473427122194401	1/4 - 1/2 Mile SSW
6	473530122192301	1/2 - 1 Mile North
7	473512122202001	1/2 - 1 Mile WNW
8	473520122184701	1/2 - 1 Mile NE
10	473423122202501	1/2 - 1 Mile SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

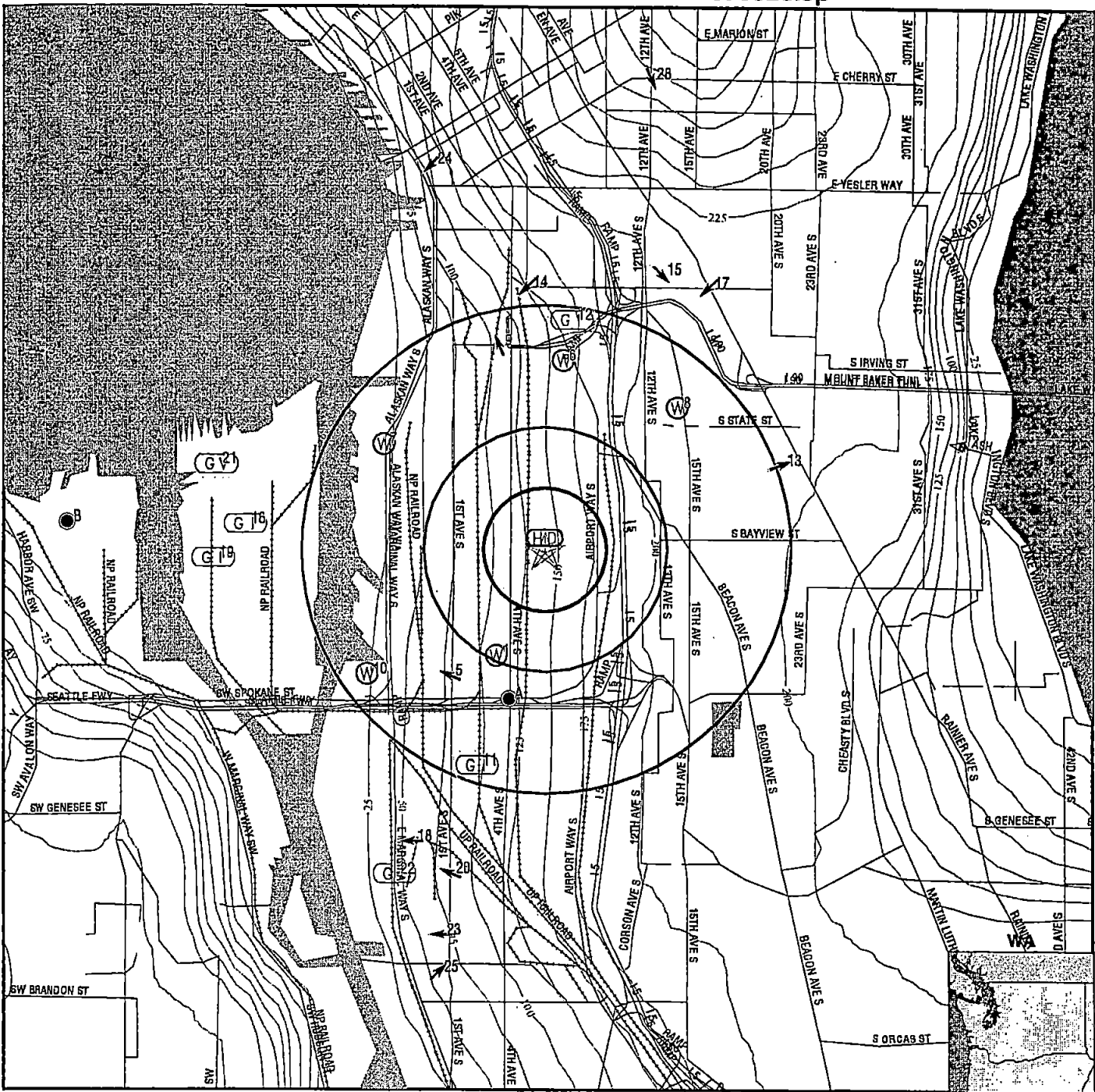
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 1670328.3p



- Major Roads
- Contour Lines
- Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Cluster of Multiple Icons
- Earthquake epicenter, Richter 5 or greater
- Closest Hydrogeological Data

TARGET PROPERTY: 2450 6th Avenue South
 ADDRESS: 2450 6th Avenue South
 CITY/STATE/ZIP: Seattle WA 98134
 LAT/LONG: 47.5803 / 122.3259

CUSTOMER: Clayton Group Services
 CONTACT: Jeremy Fichter
 INQUIRY #: 1670328.3p
 DATE: August 17, 2001 4:33 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1 SSW 1/4 - 1/2 Mile Lower	FED USGS	473427122194401
---	-----------------	------------------------

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Not Reported
Altitude:	15.00 ft.	State:	Not Reported
Well Depth:	91.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Test
Date Measured:	Not Reported	Prim. Use of Water:	Not Reported

A2 South 1/2 - 1 Mile Lower	Site ID: 4792 Groundwater Flow: Not Reported Shallowest Water Table Depth: Not Reported Deepest Water Table Depth: Not Reported Average Water Table Depth: 14 Date: 02/14/1994	AQUIFLOW	61237
--	---	-----------------	--------------

A3 SSW 1/2 - 1 Mile Lower	Site ID: 1205 Groundwater Flow: Varies Shallowest Water Table Depth: 4.44 Deepest Water Table Depth: 11.35 Average Water Table Depth: Not Reported Date: 01/15/1993	AQUIFLOW	61235
--	--	-----------------	--------------

A4 SSW 1/2 - 1 Mile Lower	Site ID: 1707 Groundwater Flow: Not Reported Shallowest Water Table Depth: Not Reported Deepest Water Table Depth: Not Reported Average Water Table Depth: 8 Date: 07/26/1995	AQUIFLOW	61338
--	--	-----------------	--------------

5 SW 1/2 - 1 Mile Lower	Site ID: 1975 Groundwater Flow: WNW Shallowest Water Table Depth: 14.45 Deepest Water Table Depth: 17.90 Average Water Table Depth: Not Reported Date: 04/14/1999	AQUIFLOW	61025
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6 North 1/2 - 1 Mile Higher	FED USGS	473530122192301
--	-----------------	------------------------

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Not Reported
Altitude:	10.00 ft.	State:	Not Reported
Well Depth:	232.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Not Reported
Date Measured:	Not Reported	Prim. Use of Water:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

7
WNW
1/2 - 1 Mile
Lower

FED USGS 473512122202001

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1945	County:	Not Reported
Altitude:	10.00 ft.	State:	Not Reported
Well Depth:	240.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	10.00 ft.	Prim. Use of Site:	Destroyed
Date Measured:	Not Reported	Prim. Use of Water:	Not Reported

8
NE
1/2 - 1 Mile
Higher

FED USGS 473520122184701

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1960	County:	Not Reported
Altitude:	100.00 ft.	State:	Not Reported
Well Depth:	340.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	69.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Public supply

9
NNW
1/2 - 1 Mile
Lower

Site ID: 432394
Groundwater Flow: NNW
Shallowest Water Table Depth: Not Reported
Deepest Water Table Depth: Not Reported
Average Water Table Depth: Not Reported
Date: 09/03/1997

AQUIFLOW 61218

10
SW
1/2 - 1 Mile
Lower

FED USGS 473423122202501

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1951	County:	Not Reported
Altitude:	10.00 ft.	State:	Not Reported
Well Depth:	1550.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	6.00 ft.	Prim. Use of Site:	Unused
Date Measured:	Not Reported	Prim. Use of Water:	Unused

11
SSW
1/2 - 1 Mile
Lower

Site ID: 2851
Groundwater Flow: Not Reported
Shallowest Water Table Depth: Not Reported
Deepest Water Table Depth: Not Reported
Average Water Table Depth: 8
Date: 04/1992

AQUIFLOW 61385

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
12 North 1/2 - 1 Mile Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	5399 Not Reported Not Reported Not Reported 12 07/28/1994	AQUIFLOW	61069
13 ENE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	2013 ENE 10 14 Not Reported 04/04/1991	AQUIFLOW	41922
14 North 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	1933 SW 16.29 21.18 Not Reported 10/02/1998	AQUIFLOW	61265
15 NNE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	4038 SE 6.16 12.91 Not Reported 05/06/1994	AQUIFLOW	61072
16 West 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	3819 Not Reported Not Reported Not Reported 8 03/21/1994	AQUIFLOW	61486
17 NNE 1 - 2 Miles Higher	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	375414 SW 16.3 19.6 Not Reported 11/06/1996	AQUIFLOW	61311
18 SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	2914 W 8 9.5 Not Reported 01/1998	AQUIFLOW	61399

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

19 West 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	2196 Not Reported Not Reported Not Reported 5 08/02/1991	AQUIFLOW	61257
20 SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	2918 WNW 5.10 7.18 Not Reported 05/07/1997	AQUIFLOW	61231
21 WNW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	2223 Varies 8 10 Not Reported 03/27/1998	AQUIFLOW	61339
22 SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	2346 Not Reported 6.39 7.07 Not Reported 09/10/1998	AQUIFLOW	61388
23 SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	1884 W 8.25 8.78 Not Reported 05/10/1991	AQUIFLOW	41926
24 NNW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	3885 SW Not Reported Not Reported Not Reported 08/18/1992	AQUIFLOW	61488
25 SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	1844 NE 7.5 10 Not Reported 10/29/1995	AQUIFLOW	61132

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B26 West 1 - 2 Miles Lower	Site ID: 4450 Groundwater Flow: NW Shallowest Water Table Depth: Not Reported Deepest Water Table Depth: Not Reported Average Water Table Depth: 9 Date: 09/28/1993	AQUIFLOW	61115
B27 West 1 - 2 Miles Lower	Site ID: 1294 Groundwater Flow: Not Reported Shallowest Water Table Depth: Not Reported Deepest Water Table Depth: Not Reported Average Water Table Depth: 7 Date: 11/1991	AQUIFLOW	61116
28 NNE 1 - 2 Miles Higher	Site ID: 1929 Groundwater Flow: SSE Shallowest Water Table Depth: 9.31 Deepest Water Table Depth: 11.41 Average Water Table Depth: Not Reported Date: 03/23/1998	AQUIFLOW	61263

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for KING County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level ≥ 2 pCi/L and ≤ 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

KING COUNTY, WA

Number of sites tested: 106

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.334 pCi/L	99%	1%	0%
Living Area - 2nd Floor	0.800 pCi/L	100%	0%	0%
Basement	0.538 pCi/L	97%	3%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[®] Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

Water Wells

Source: Department of Transportation

Telephone: 360-705-7444

Group A well location points in Washington State.

Kitsap County Water Wells in Washington

Source: Public Utility District No. 1 of Kitsap County

Telephone: 206-779-7656

RADON

Area Radon Information: The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones: Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater

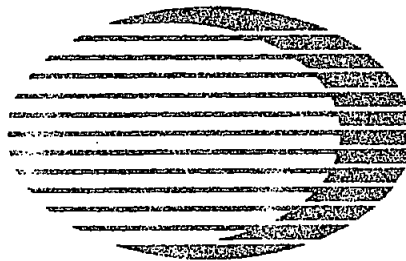
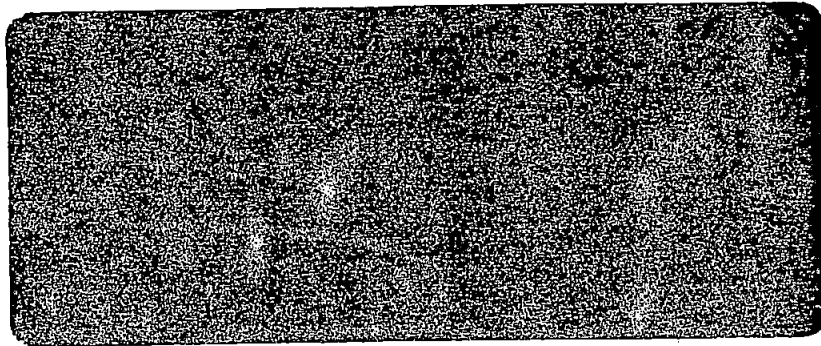
Source: Department of Commerce, National Oceanic and Atmospheric Administration

APPENDIX E

UST CLOSURE REPORT

NWRO

#001130



O'Sullivan Omega

DEPARTMENT OF ECOLOGY NWRO/TCP TANKS UNIT	
SITE ASSESSMENT REPORT	
ADEQUATE <input checked="" type="checkbox"/>	NOT ADEQUATE <input type="checkbox"/>
DEFICIENCIES/ACTION TAKEN:	
<i>F/R</i>	
INSPECTOR (INT.) <i>DE</i> DATE <i>7-14-84</i>	

O'Sullivan Omega, Inc.
The Total Compliance Company

Geologists, Scientists, Environmental Specialists & General Contractor



O'Sullivan Omega

June 13, 1994

Mr. Robert Kassner
Industrial Transfer and Storage Co., Inc.
2450 6th Avenue South
Seattle, Washington 98134
Phone (206)-624-3040

**RE: Underground Storage Tank Closure Report
Industrial and Transfer and Storage Co., Inc.
2450 6th Avenue South
Seattle, Washington 98134
Ecology Site ID # 001130**

Dear Mr. Kassner:

This letter report presents O'Sullivan Omega's findings regarding the removal of two (2) 1000 gallon gasoline underground storage tanks (USTs) one (1) 10,000 gallon diesel fuel oil UST and one dispenser and associated piping at Industrial Transfer and Storage Co., Inc. (Industrial) located in Seattle, Washington (Figure 1). The USTs were decommissioned and removed under the supervision of O'Sullivan Omega, Inc. (O'Sullivan) of Seattle, Washington. In addition, O'Sullivan performed the UST Site Assessment for the project following Washington State Department of Ecology's (Ecology) document *Guidelines for Site Checks and Site Assessments for USTs* (Revised, October 1992).

The objectives of this project were to:

- Decommission and remove three (3) USTs;
- Determine concentrations of total petroleum hydrocarbons (TPH) in soil samples collected adjacent to/and underlying the USTs and from associated soil stockpiles;
- Compare concentrations of TPH detected in soil to the applicable Washington State Model Toxics Control Act (MTCA) Method A Soil Cleanup Guidelines (WAC 173-340); and
- Prepare a final report (following Ecology's Guidance for Site Checks and Site Assessment for USTs) which documents the tank removal activities, field observations, soil sampling locations, analytical results, conclusions and recommendations.

LETTER REPORT ORGANIZATION

This letter report begins with a brief description of the Site Location and History, followed by a discussion of UST Decommissioning and Removal Activities (tank inerting, product and tank disposal, etc.), and UST Description. Subsequent sections present the elements of O'Sullivan Omega's Soil Sampling, Laboratory Analysis, Findings, and project Conclusions/Recommendations. Figures, Tables and supporting technical appendices follow the main text.

SITE LOCATION AND HISTORY

The site is located at 2450 6th Avenue South in Seattle, Washington. The site is centered within the industrial district of Seattle, and is surrounded by warehouses and commercial operations. Prior to 1952 the site was utilized as a livestock yard. Originally the site was part of the tidal flats of south Elliott Bay. The site was filled over the years with a random assortment of material including dredge fill and debris. The site has been occupied from 1952 to the present by Industrial. The USTs were installed in 1973, and were used until decommissioning to fuel the Industrial truck fleet.

TANK DECOMMISSIONING & REMOVAL OPERATIONS

Copies of the UST 30 Day Notice of Intent to Close, permits, and the UST Temporary/Permanent Closure Notice and the Site Check/Site Assessment Checklist are provided in Appendix A. In addition, copies of UST cleaning and disposal certificates are included in Appendix B.

The 30 day intent to Close notification was submitted to the Ecology by O'Sullivan Omega on January 14, 1994. The tanks were pumped of product and triple rinsed by Coastal Tank Cleaning (Coastal), of Seattle, Washington on May 16, 1994. All product and rinsate were disposed of by Coastal in accordance with all applicable local, state, and federal regulations. The gasoline USTs (UST # 1 and UST # 2) were located adjacent to one another (Figure 2). The diesel UST (UST # 3) was located 20 feet to the north of the gasoline USTs. The USTs were separated by what appeared to be an old single piling width pier walkway, thus there were two separate excavations. The piping from the USTs ran directly from the tanks to a small structure located at the edge of the UST excavations (Figure 2). The USTs were buried approximately 2.5 feet below ground surface (BGS). The tanks were exposed and removed on May 17, 1994 by O'Sullivan with a trackhoe, and transported to Coastal for final cleaning and destruction.

UST DESCRIPTION

All three of the USTs were in excellent condition. The USTs were of single wall steel construction, and equipped with sacrificial anodes. The original coating was intact with no rust, apparent holes or pitting observed on either of the USTs.

SOIL SAMPLING

Soils encountered were generally random fill consisting of dredge sand, construction debris, old pier pilings and decking, and organic rich bay mud. The gasoline USTs were bedded in random fill. The diesel UST was bedded in fine gray sand fill. The fill surrounding the excavations was dark gray to black and appeared to be anaerobic. The original bay bottom was encountered at approximately 10 feet below ground surface. This material consisted of moist, plastic, blue-gray clay. There was no instrumentally detectable indications of a petroleum release. Since field screening results and field observations did not detect or suggest any petroleum hydrocarbons in soil, sample locations were chosen following Ecology's minimum sampling guidelines. The bottom samples were collected at a depth of ten feet. The sidewall samples were collected from a depth of five to six feet. Samples were placed directly into laboratory prepared containers using a stainless steel spoon, labeled and placed in a chilled cooler for transport to the analytical laboratory. The composited samples were collected from different locations as indicated on Figure 2. Groundwater was not encountered during excavation operations, therefore groundwater samples were not collected. All samples were collected in accordance with USEPA protocol. Soil sampling procedures are contained in Appendix C.

A total of fifteen soil samples were collected from the UST excavation and stockpiles (Figure 2). Samples IT-G1 to IT-G8 were collected from the gasoline UST excavation and associated stockpile. Samples IT-D1 to IT-D7 were collected from the diesel UST excavation and associated stockpile.

ANALYTICAL RESULTS

All samples were analyzed by American Analytical Services, Inc. of Seattle, Washington. The gasoline UST samples were analyzed for total petroleum hydrocarbons (TPH) quantified as gasoline and the volatile organic compounds benzene, toluene, ethyl benzene, and total xylenes (BTEX) by Washington State Test Method WTPH-G/BTEX. Samples collected from the diesel UST excavation and stockpile were analyzed for total petroleum hydrocarbons quantified as diesel by Washington State Test Method WTPH-D. The data are summarized in Table 1. Copies of the certificates of analysis and chain of custody are contained in Appendix D.

Gasoline UST # 1 & #2 Excavation

The bottom sample (IT-G3) of UST # 1 had a gasoline TPH concentration of 29 parts per million

(ppm), and non-detectable concentrations of BTEX. The bottom sample (IT-G1) of UST # 2 had a gasoline TPH concentration of 33 ppm and non-detectable concentrations of BTEX. The east, west, north and south sidewall samples (IT-G2, IT-G4, IT-G5 IT-G6) had gasoline TPH concentrations of 36 ppm, <10 ppm, 30 ppm and 26 ppm, respectively. The BTEX concentrations for all sidewall samples were below the method detection limits, with the exception of total xylenes for the east sidewall. The east sidewall (IT-G4) had a total xylenes concentration of 0.39 ppm. One stockpile sample (IT-G7) had a gasoline TPH concentration of 37 ppm, and non-detectable levels of BTEX.

Diesel UST #3 Excavation

All samples collected from the diesel UST excavation and soil stockpile had diesel TPH concentrations of < 50 ppm.

CONCLUSIONS

Field screening results and field observations suggested that the UST system had not released petroleum product to the subsurface. Analytical data suggest that a minor release occurred from the gasoline USTs. The most likely source was from periodic overfills. The concentrations of contaminants in the in situ soils were below MTCA Method A Soil Cleanup Guidelines therefore a release report was not filed for this site.

The stockpiled soils are considered to be Class 2 soils according to Ecology Guidelines. These soils may be used for backfill at the original site, fill in commercial or industrial areas, road or parking lot construction material, or cover in permitted landfills. Fill in or near wetlands, surface water, groundwater, drinking water wells or utility trenches is not recommended. Use as residential topsoil is not recommended.

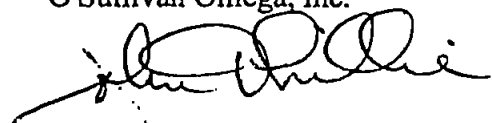
Analytical results indicated that the UST project area was in full compliance with applicable local, state, and federal environmental regulations at time of UST closure. It is recommended that no further action be taken at this site.

LIMITATIONS

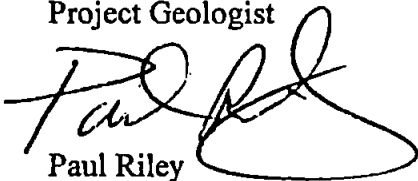
Work for this project was performed, and this report prepared, in accordance with generally accepted professional practices for the nature of the work and conditions of the work completed in the same or similar locations at the time the work was performed. O'Sullivan Omega results and findings from the select area do not necessarily reflect soil or ground water conditions underlying other areas of the site not investigated. This report is not meant to represent a legal opinion. No other warranty, expressed or implied, is made.

Any questions regarding our work or this report, the presentation of the information, and the interpretation of the data are welcome and should be referred to the undersigned.

Sincerely,
O'Sullivan Omega, Inc.



John Lillie, M.S.
Project Geologist



Paul Riley
Environmental Services Manager

CC:
Washington Department of Ecology
Underground Storage Tank Division
P.O. Box 47775
Olympia, Washington 98504-7775

*Industrial Transfer
Site Vicinity
Map*



Seattle South
Washington
7.5 x 15 minute
quadrangle
USGS 1983

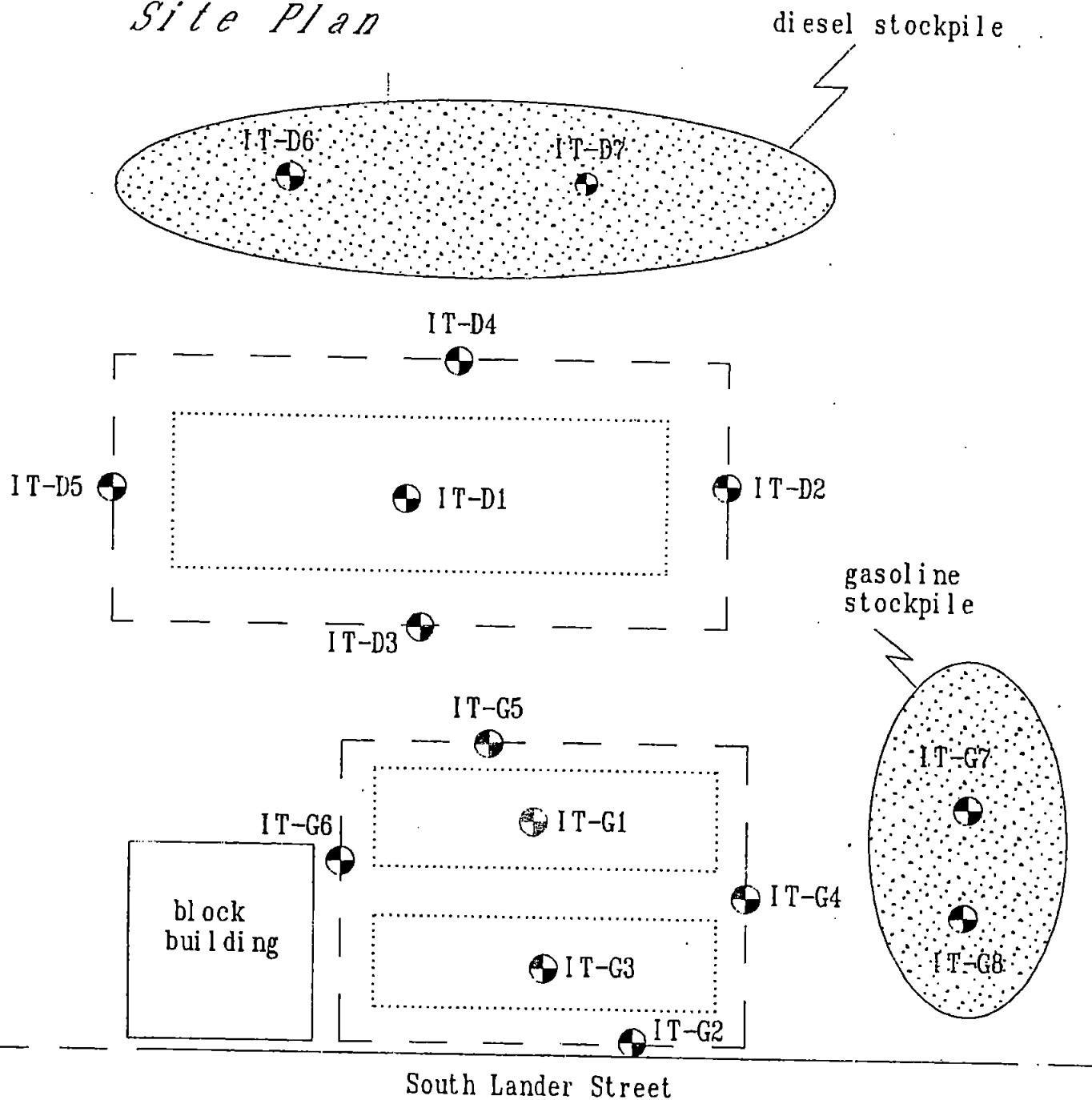


scale: 1:25000

site address: 2450 6th Avenue South, Seattle, Washington 98134

Figure 1

Industrial Transfer Site & Soil Sampling Site Plan



KEY

	excavation limits
	former UST location
	soil sampling location
	soil stockpile
	former dispenser location



O'Sullivan Omega, Inc.
Geologists, Environmental
Specialists & General Contractor
3214 - 16th Avenue SW
Seattle, WA 98134

Table 1 Analytical results of UST system closure for Industrial Transfer & Storage Co., Inc.

Sample Number	Sample Type	Location	Depth	WTPH-G	B	T	E	X	WTPH-D
Gasoline USTs Excavation									
IT-G1	Discrete	UST#2 bottom	10	33	<0.0	<0.0	<0.0	<0.0	NA
IT-G2	Discrete	South wall	5	30	<0.0	<0.0	<0.0	<0.0	NA
IT-G3	Discrete	UST#1 bottom	10	29	<0.0	<0.0	<0.0	<0.0	NA
IT-G4	Discrete	East wall	5	36	<0.0	<0.0	<0.0	0.39	NA
IT-G5	Discrete	North wall	6	26	<0.0	<0.0	<0.0	<0.0	NA
IT-G6	Discrete	West wall	5	<10	<0.0	<0.0	<0.0	<0.0	NA
IT-G7	Composite	Stockpile	---	37	<0.0	<0.0	<0.0	<0.0	NA
IT-G8	Composite	Stockpile	---	NA	NA	NA	NA	NA	NA
Diesel UST Excavation									
IT-D1	Discrete	UST#3 bottom	10	NA	NA	NA	NA	NA	<50
IT-D2	Discrete	East wall	5	NA	NA	NA	NA	NA	<50
IT-D3	Discrete	South wall	5	NA	NA	NA	NA	NA	<50
IT-D4	Discrete	North wall	5	NA	NA	NA	NA	NA	<50
IT-D5	Discrete	West wall	5	NA	NA	NA	NA	NA	<50
IT-D6	Composite	Stockpile	NA	NA	NA	NA	NA	NA	<50
IT-D7	Composite	Stockpile	NA	NA	NA	NA	NA	NA	<50
MTCA	---	---	---	100	0.5	40	20	20	200

All samples collected by O'Sullivan Omega on May 17, 1994

Sample depths are given in feet below ground surface.

Gasoline and volatile organic compounds concentrations determined by Washington State Test Method WTPH-G/BTEX.

Diesel concentrations determined by Washington State Test Method WTPH-D.

TPH values in parts per million

BTEX (Benzene, Toluene, Ethyl Benzene, Total Xylenes)

concentrations in Parts per billion

NA not analyzed

--- not applicable

MTCA Ecology Model Toxics Control Act Method A soil cleanup levels for gasoline, aromatic compounds and diesel in industrial soil (WAC 173-340).

ECOLGY

UNDERGROUND STORAGE TANK 30 DAY NOTICE

See back of form for instructions
Please ☒ the appropriate box

☐ Intent
to Install

☒ Intent
to Close

For Office Use Only

Owner # 11000-332
Site # 00120

☐ Both

SITE INFORMATION:

Site ID Number (on invoice or available from Ecology if the tank is registered): 1130

Site/Business Name: INDUSTRIAL TRAINER & STORAGE CO. INC.

Site Address: 2450 6th Ave S.

SEATTLE

City

Owner/Operator
Telephone: (206) 624-3040

WA

State

98134

Zip Code

TANK INFORMATION:

This section to be filled out ONLY if tanks are being removed

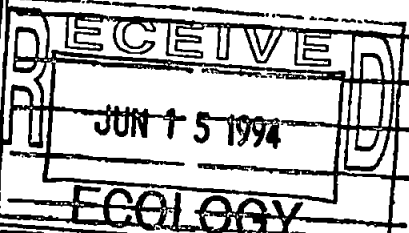
TANKS TO BE CLOSED

Tank ID	Projected Closure Date	Tank Capacity	Substance Stored	Date tank last used	Is there product in the tank? (yes/no)	If no, date tank was pumped
*1	5/2/94	10,000	Diesel	12/15/93	YES	
*2	5/2/94	1,000	Gas	12/15/93	YES	
*3	5/2/94	1,000	Gas	12/15/93	YES	

TANKS TO BE INSTALLED

This section to be filled out ONLY
if tanks are being installed

Tank ID Approx.
Install Date



TANK INSTALLATION TO BE PERFORMED BY (if known):

This section to be filled out ONLY if tanks are being installed

Service Provider: _____ Contact Name: _____

Telephone: (____) _____

Address: _____

Street

City

P.O. Box

State

Zip Code

TANK PERMANENT CLOSURE TO BE PERFORMED BY (if known):

This section to be filled out ONLY if tanks are being removed

Service Provider: OSullivan Omega

Contact Name: Mike Miller / Mike Miller

Telephone: (206) 682-2440

Address: 3214 16th Ave SW

SEATTLE

WA

State

98134

Zip Code

This form will be returned to the address

USE OWNER
OPERATOR OSullivan Omega

ADDRESS 3214 16th Ave SW

SEATTLE

City

State

98134

Zip Code

Please type or print information

Once validated by Ecology, this form serves as your temporary permit for the tanks listed above.

ECY 020-13

RECEIVED
FEB 11 1994
HAZ MAT SECTION
APPLICATION FOR PERMIT

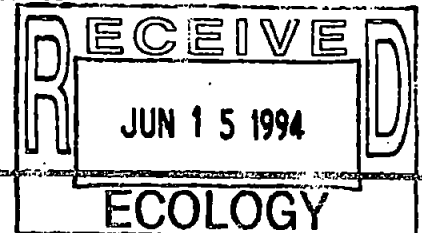


Permit Code No.: 799 Title: TEMPORARY UNDERGROUND TANK REMOVAL/ABANDONMENT PERMIT
Fee: \$98.00 (No Renewal) Code Reference: SFC 79.116 Date Received: 5/17/94 Date Issued: 5/17/94
Check # 1481
Receipt # 17294 or Data Entry # _____ Permit Expiration Date: 5/17/94
Firm Name: O'SULLIVAN OMEGA Phone: 652-2440
Firm Address: 3214 16th AVE SW City SEATTLE State WA Zip 98134
Job Site: 2450 6th AVE SOUTH
Person In Charge: ~~Patricia DeWolfe~~ / ~~Patricia DeWolfe~~ Phone: 652-2440
Number of Tank(s): 3 Tank Size(s): 1/10,000 2/1000
Product(s) Previously Contained: Diesel & Gasoline Hot Work: ☐ Yes ☒ No

REMITTANCE FOR PERMIT FEE AS SHOWN ABOVE MUST BE RETURNED WITH THIS APPLICATION TO:

SEATTLE FIRE DEPARTMENT HEADQUARTERS
HAZARDOUS MATERIAL PERMITS
301 Second Avenue South
Seattle, WA 98104-2618

Make Checks Payable To: SEATTLE CITY TREASURER



PERMIT CONDITIONS:

1. TANKS MAY BE REMOVED ONLY AFTER FIRE DEPARTMENT INSPECTION.
2. Two (2) 40 BC portable fire extinguishers are to be on site within 50' of the operation.
3. Rope or ribbon barricades must be provided circling 10' from the operation or be enclosed in a fenced yard.
4. "No Smoking" signs must be posted in readily visible locations.
5. No hot works allowed unless the tanks are certified gas free. A separate Fire Department permit (Code 491) is required for cutting and welding operations.

PROCEDURES:

1. Call 386-1450, 24 hours prior to removal to arrange for an appointment. Appointments must be confirmed by an Inspector
2. Permits may cover multiple tanks located at a single inspection area. If additional tanks are to be removed or abandoned at later dates, separate permits shall be obtained.
3. Additional fees will be charged if inspectors are required to work other than normal business hours. (Normal business hours are 7:30 a.m. to 4:30 p.m.)

4. To ensure tanks are completely free of all flammable or combustible liquids, a receipt or certificate must be on site indicating the tanks has been pumped and rinsed with an approved material. Product and rinse water must be disposed of in an approved manner.
5. If tanks are being removed, the tanks' atmosphere must be inerted using one of the following approved methods:
- a. Solid dry ice
 - b. Compressed gas cylinders releasing CO₂ in the vapor phase
 - c. Purging using air

Specific guidelines for the use of each method is provided in the Seattle Fire Department Inspection Guideline No. 79.6011.

Tanks being abandoned must be filled with a lean concrete mixture. Tanks previously containing Class I liquids must be inerted prior to filling with lean concrete.

A Fire Marshal's Office Inspector will test the tanks' atmosphere using a gas detector.

A minimum reading of 60% CO₂ must be obtained prior to tank removal if CO₂ is used to inert the tank.

A maximum reading of 10% LEL must be achieved prior to removal of the tank if the air purging method of inertion is used.

CO₂ fire extinguishers and discharge of liquid CO₂ from compressed gas cylinders is prohibited.

Tanks with baffles to prevent movement of liquid (or tanks without baffles larger than 10,000 gallons) must be certified gas free by a Marine Chemist or a Petroleum Industry Safety Engineer regularly engaged in that business prior to removal.

6. Tanks being removed must be removed from the ground and relocated to a remote, approved facility on the same day that the permit is issued.

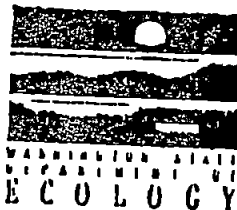
7. After the tanks are removed, if the tank has not already been cleaned, the openings should be sealed so the CO₂ gas will remain in the tank during transit. In addition, tanks large enough to allow a person to enter it to do repair work should be marked on one side with spray paint "NO AIR - INERT GAS."

Special Permit Conditions:

OK TO REMOVE 2- 1K GASOLINE & 1-10K DIESEL
UST
PUMP & RINSE BY CPSTAR TANK SERVICE
2- 1K UST'S TESTED < CO₂ BY BAHARIKH
FYRITE TEST KIT
10 K UST TESTED UNDER 8% O₂ BY NESTRONIX

SEATTLE FIRE DEPARTMENT

Issuance Date: 5/17/94 By APC/MD / 1293
Inspector



**UNDERGROUND STORAGE TANK
TEMPORARY/PERMANENT CLOSURE
and SITE ASSESSMENT NOTICE**

See back of form for instructions.
Please ☒ the appropriate box(es)
Please type or print information

☐ Temporary
Tank Closure

☒ Permanent
Tank Closure

☐ Change-In-
Service

☒ Site Assessment/
Site Check

For Office Use Only
Owner # 110063322
Site # 001130

SITE INFORMATION:

Site ID Number (on invoice or available from Ecology if the tanks are registered): 001130
Site/Business Name: Industrial Transfer & Storage Co., Inc.
Site Address: 2450 6th Ave S
Seattle Street
WA City Telephone: (206) 624-3040
98134 State ZIP Code

TANK INFORMATION:

Tank ID	Closure Date	Tank Capacity	Substance Stored
	<u>5/17/94</u>	<u>10,000</u>	<u>Diesel</u>
	<u>5/17/94</u>	<u>4,000</u>	<u>Gas</u>
	<u>5/17/94</u>	<u>4,000</u>	<u>Gas</u>

**CONTAMINATION
PRESENT AT THE
TIME OF CLOSURE**

☐ Yes ☒ No



Check unknown if no obvious contamination was observed and sample results have not yet been received from analytical lab.

RECEIVED

JUN 15 1994

ECOLOGY

UST SYSTEM OWNER/OPERATOR:

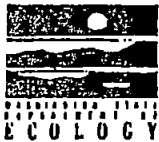
UST Owner/Operator: Bob Kassner / Industrial Trans. & Storage Co., Inc.
Owners Signature: John Lillie Telephone: (206) 624-3040
Address: 2450 6th Ave S.
Seattle Street
WA City P.O. Box 98134
State ZIP Code

TANK CLOSURE/CHANGE-IN-SERVICE PERFORMED BY:

Service Provider: O'Sullivan Omega, Inc. License Number: S000036
Licensed Supervisor: Darrell Johnson Decommissioning License Number: W002191
Supervisors Signature: Darrell S. Johnson
Address: 3214 16th Avenue S.W.
Seattle Street P.O. Box 98134-1088
City State ZIP Code
Telephone: ()

SITE CHECK/SITE ASSESSMENT CONDUCTED BY:

Name of Registered Site Assessor: John Lillie O'Sullivan Omega, Inc.
Telephone: (206) 682-2440
Address: 3214 16th Avenue S.W.
Seattle Street P.O. Box 98134-1088
City State ZIP Code



UNDERGROUND STORAGE TANK Site Check/Site Assessment Checklist

For Office Use Only
Owner # 10003322
Site # 001130

INSTRUCTIONS:

When a release has not been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person registered with the Department of Ecology. The results of the site check or site assessment must be included with this checklist. This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

SITE INFORMATION: Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

TANK INFORMATION: Please list all the tanks for which the site check and site assessment is being conducted. Use the tank ID number if available, and indicate tank capacity and substance stored.

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT: Please check the appropriate item.

CHECKLIST: Please initial each item in the appropriate box.

SITE ASSESSOR INFORMATION: This form must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.

Underground Storage Tank Section
Department of Ecology
P. O. Box 47655
Olympia, WA 98504-7655

SITE INFORMATION

Site ID Number (on invoice or available from Ecology if the tanks are registered): 001130

Site/Business Name: Industrial Transfer & Storage Co. Inc

Site Address: 2450 6th Ave S. Telephone: (206) 621-3040

Seattle
City

Wa
State

98134
ZIP-Code

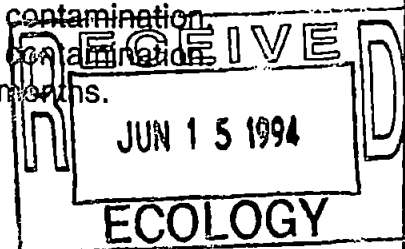
TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored
<u>1</u>	<u>1000 gallon</u>	<u>gasoline</u>
<u>2</u>	<u>1000 gallon</u>	<u>gasoline</u>
<u>3</u>	<u>10,000 gallon</u>	<u>Diesel</u>

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.
- ☒ UST system permanently closed with tank removed.
- ☐ Abandoned tank containing product.
- ☐ Required by Ecology or delegated agency for UST system closed before 12/22/88.
- ☐ Other (describe):



Coastal Tank Cleaning, Inc.

3801 7th Avenue South, Seattle, WA 98108

TO: O'Sullivan Construction

THIS LETTER IS TO CERTIFY THAT COASTAL TANK CLEANING, INC. HAS STRIPPED AND RINSED WITH SOAPY WATER THE BELOW LISTED TANKS IN ORDER TO ALLOW THE TANKS TO BE INERTED.

DATED THIS 16TH DAY OF MAY 1994

AUTHORIZED SIGNATURE: [Signature]

Three underground storage tanks located at
2450 6th AVE, S. SEATTLE

Coastal Tank Cleaning, Inc.

3801 7th Avenue South, Seattle, Washington 98108

DISPOSAL CERTIFICATION

DATE: May 23, 1994

TO: O'Sullivan/Omega
3214 16th Ave SW
Seattle, Wa. 98134

Job Site Address: Industrial Transfer, 2450 6th Ave. S., Seattle

Your PO#: 17922

Our Job#: 8687-94

Dear Sirs,

This letter is to certify that Coastal Tank Cleaning, Inc. (CTC) has received the following tank(s) for cleaning and disposal in accordance with all Federal, State and Local rules and regulations:

- 1: 10,000 gallon diesel
- 2: 1,000 gallon gasoline
- 3: 1,000 gallon gasoline

DATE RECEIVED: 5/17/94

DATE CLEANED: 5/18/94

MARINE CHEMIST CERT. #: 42193

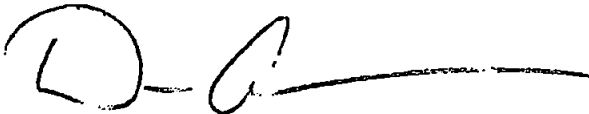
DATE DISPOSED: 5/20/94

BILL OF LADING #: 5144

METHOD OF DISPOSAL: Scrap Metal

If you have any questions regarding this matter please feel free to call at (206) 624-9843

Sincerely,



Don Austin
UST DISPOSAL MANAGER

APPENDIX C
SOIL SAMPLING PROTOCOLS

APPENDIX C

SOIL SAMPLING PROTOCOLS

Soil samples were selected by an O'Sullivan Omega geologist (registered Site Assessor with Ecology), based on field observations. Soil samples were collected and analyzed for parameters as outlined in Ecology's soil sampling and analytical guidelines (WSDOE, 1992).

Soil samples were collected using O'Sullivan Omega's standard decontamination and sampling protocols. Sampling equipment (stainless steel spoons, augers, etc.) were decontaminated prior to each sampling episode using a Alconox detergent solution, rinsed with tap water, followed by a final rinse with de-ionized water. Samples collected from the excavation were collected using the backhoe bucket to withdraw soil from the excavation. An aliquot of soil was removed from the center of the bucket. Soil samples collected from the soil stockpile were collected with a hand auger from the soil stockpile, at depths ranging from 1 to 2.5 feet below the stockpile surface. All soil samples were transferred to a preconditioned sterilized borosilicate glass jar with Teflon lids with a stainless steel spoon. Soil sample jars were then placed in a cooled ice chest and transported directly to the American Analytical Laboratories, Inc. of Seattle, Washington for chemical analysis. Chain of custody procedures were followed for all samples.

APPENDIX D
CERTIFICATES OF
LABORATORY ANALYSIS



AMERICAN
ANALYTICAL SERVICES, INC.

100-20100

May 23, 1994

O'Sullivan Omega
3214 16th Ave SW
Seattle, WA 98134
Attn.: J.T. Lillie

Dear John:

Enclosed are the results of the analyses of samples submitted on 5/17/94 from your Industrial Transfer project.

We appreciate the opportunity to be of service to you on this project. If you have any questions regarding the reported results, please feel free to call me.

Sincerely,

Jerry L. Lofgren
Laboratory Manager

enclosures

Date of Report: 5/23/94
 Samples Submitted: 5/17/94
 File ID: 05-101
 Analysis: WTPH-G/BTEX
 Units: mg/L (ppm)

Client: O'Sullivan Omega
 Project: Industrial Transfer
 Project #:
 Matrix: Soil

Results

Lab ID	Client ID	Gasoline	Benzene	Toluene	Ethyl Benzene	Xylenes	BFB % Surrogate Recovery
05-101-1	IT-G1	33*	<0.05	<0.05	<0.05	<0.05	90
05-101-2	IT-G2	30*	<0.05	<0.05	<0.05	<0.05	97
05-101-3	IT-G3	29*	<0.05	<0.05	<0.05	<0.05	91
05-101-4	IT-G4	36*	<0.05	<0.05	<0.05	0.39	94
05-101-5	IT-G5	26*	<0.05	<0.05	<0.05	<0.05	88
05-101-6	IT-G6	<10*	<0.05	<0.05	<0.05	<0.05	91
05-101-7	IT-G7	37*	<0.05	<0.05	<0.05	<0.05	89

Quality Assurance

05-101-1 Duplicate	28*	<0.05	<0.05	<0.05	<0.05	<0.05	85
Method Blank	<10	<0.05	<0.05	<0.05	<0.05	<0.05	121
05-101-1 Matrix Spike	---	117%	118%	110%	129%		75

ppm - parts per million

* GC trace similar to "weathered" gasoline.



Date of Report: 5/23/94
Samples Submitted: 5/17/94
File ID: 05-101
Analysis: WTPH-D
Units: mg/kg (ppm)

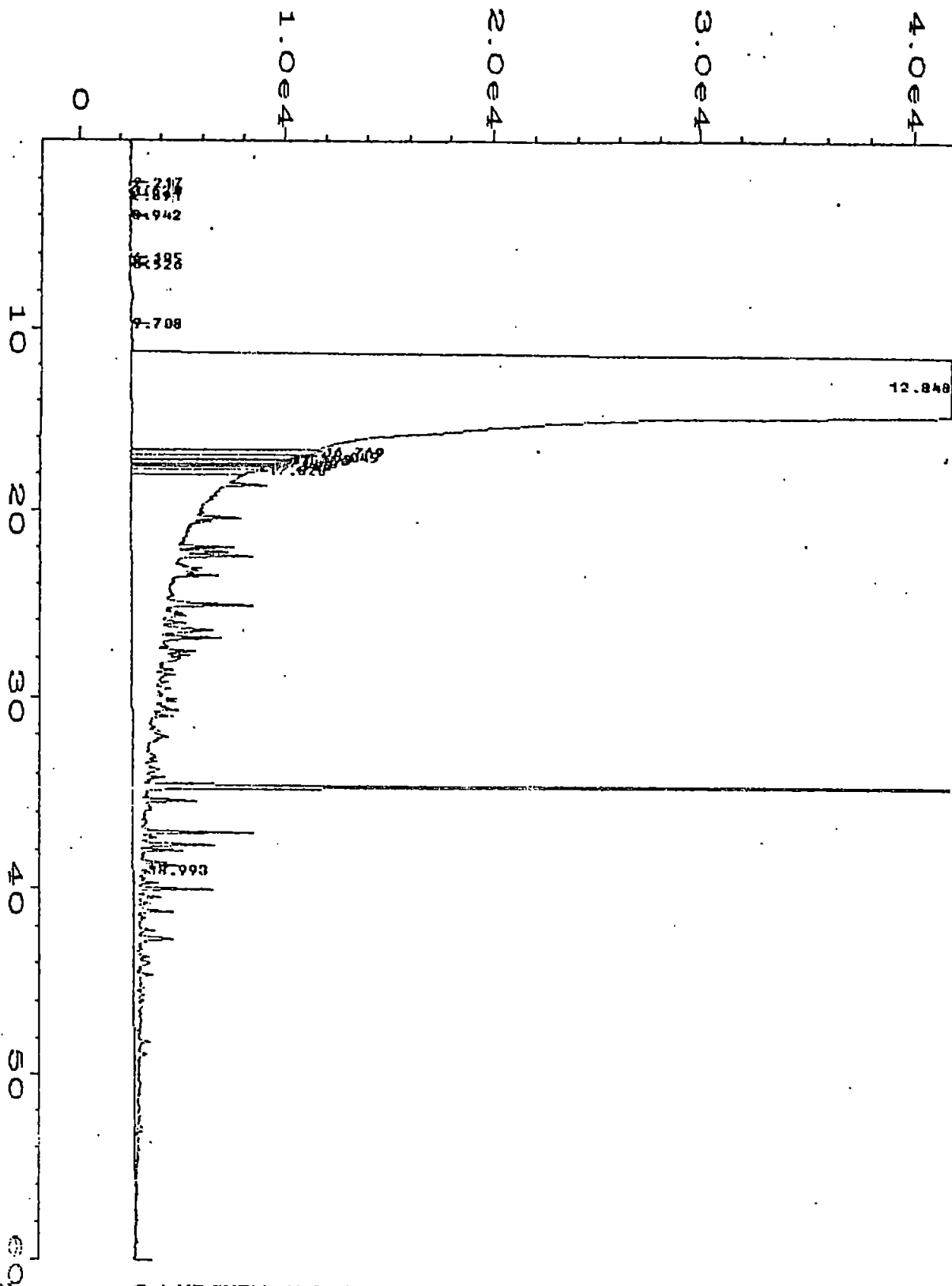
Client: O'Sullivan Omega
Project: Industrial Transfer
Project #:
Matrix: Soil

		Results	
Lab ID	Client ID	Result	Surrogate Recovery
05-101-9	IT-D1	<50	96%
05-101-10	IT-D2	<50	101%
05-101-11	IT-D3	<50	109%
05-101-12	IT-D4	<50	93%
05-101-13	IT-D5	<50	85%
05-101-14	IT-D6	<50	97%
05-101-15	IT-D7	<50	92%

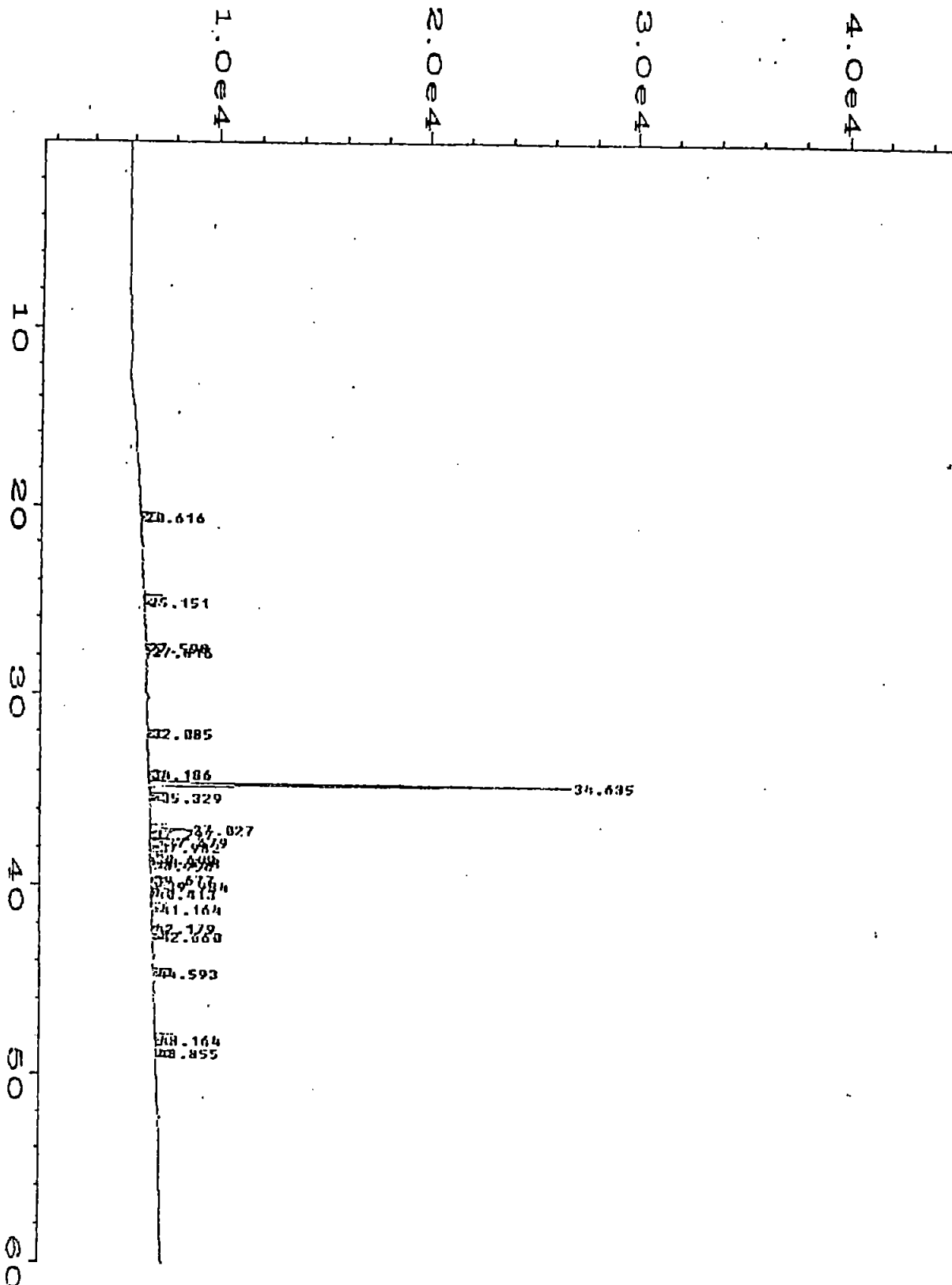
Quality Assurance

Method Blank	<50	110%
Blank Spike	110%	106%

ppm - parts per million



Data File Name	: C:\HPCHEM\1\DATA\940517\020F0101.D	Page Number	: 1
Operator	: jll	Vial Number	: 20
Instrument	: GC3	Injection Number	: 1
Sample Name	: 05-101-1 5g	Sequence Line	: 1
Run Time Bar Code	:	Instrument Method	: GASOLINE.M.T
Acquired on	: 18 May 94 03:36 PM	Analysis Method	: GASOLINE.M.T
Report Created on	: 18 May 94 04:37 PM	Sample Amount	: 0
Last Recalib on	: 20 JAN 93 10:31 AM	ISTD Amount	:
Multiplier	: 1		



Data File Name : C:\PCHEM\1\DATA\940517\070R0101.D

Operator : jll

Instrument : GC3

Sample Name : 05-101-1 5g

Run Time Bar Code :

Acquired on : 18 May 94 03:36 PM

Report Created on : 18 May 94 04:38 PM

Last Recalib on : 18 JAN 93 04:31 PM

Multiplier : 1

Page Number : 1

Vial Number : 70

Injection Number : 1

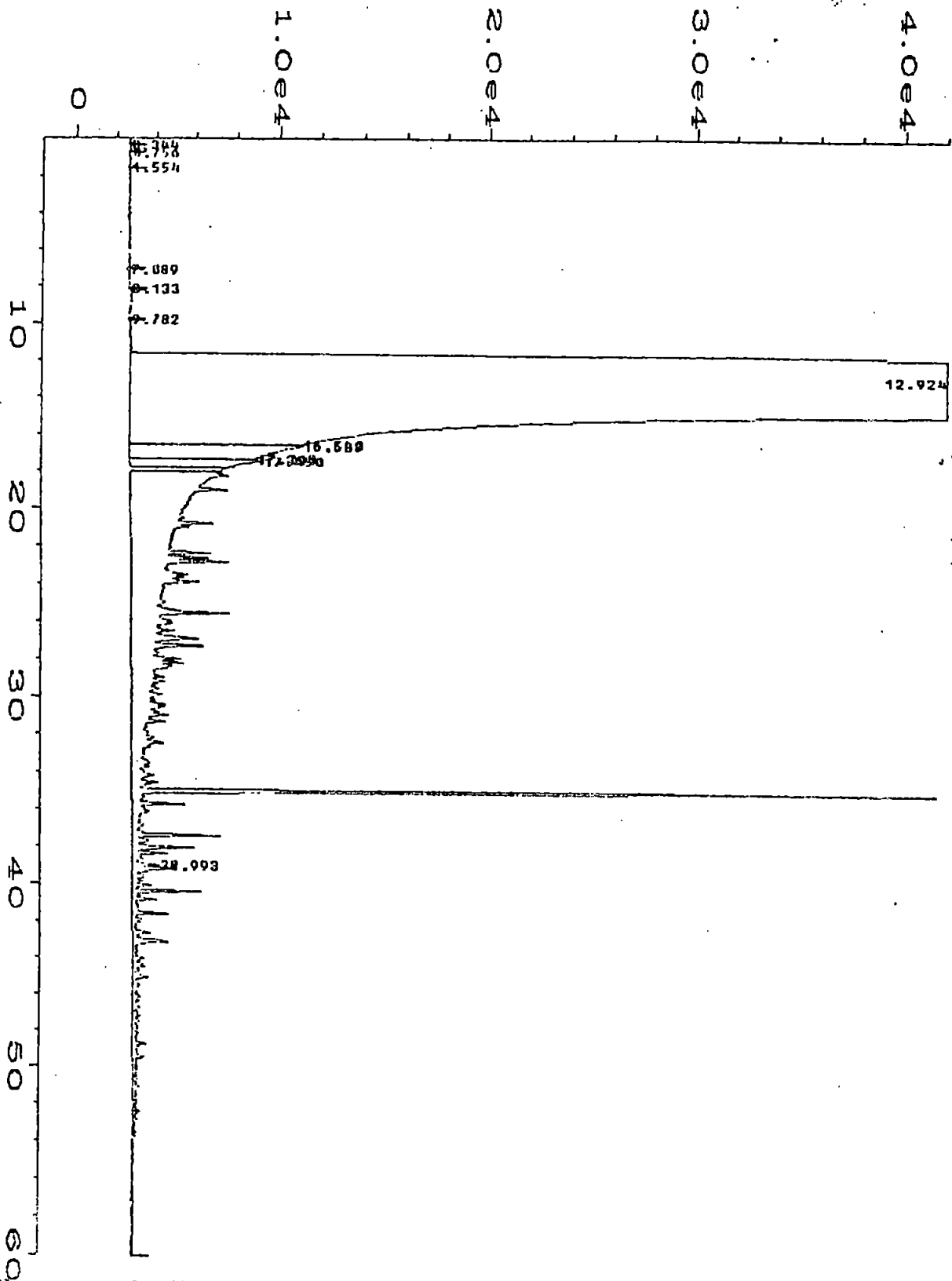
Sequence Line : 1

Instrument Method : GASOLINE.MTH

Analysis Method : GASSTEX.MTH

Sample Amount : 0

ISTD Amount :



Data File Name : C:\HPCHEM\1\DATA\940517\021F0101.D

Operator : jll

Instrument : GC3

Sample Name : 05-101-1dup 5g

Run Time Bar Code :

Acquired on : 19 May 94 00:01 AM

Report Created on : 19 May 94 01:01 AM

Last Recalib on : 20 JAN 93 10:31 AM

Multiplier : 1

Page Number : 1

Vial Number : 21

Injection Number : 1

Sequence Line : 1

Instrument Method : GASOLINE.MTH

Analysis Method : GASOLINE.MTH

Sample Amount : 0

ISTD Amount :

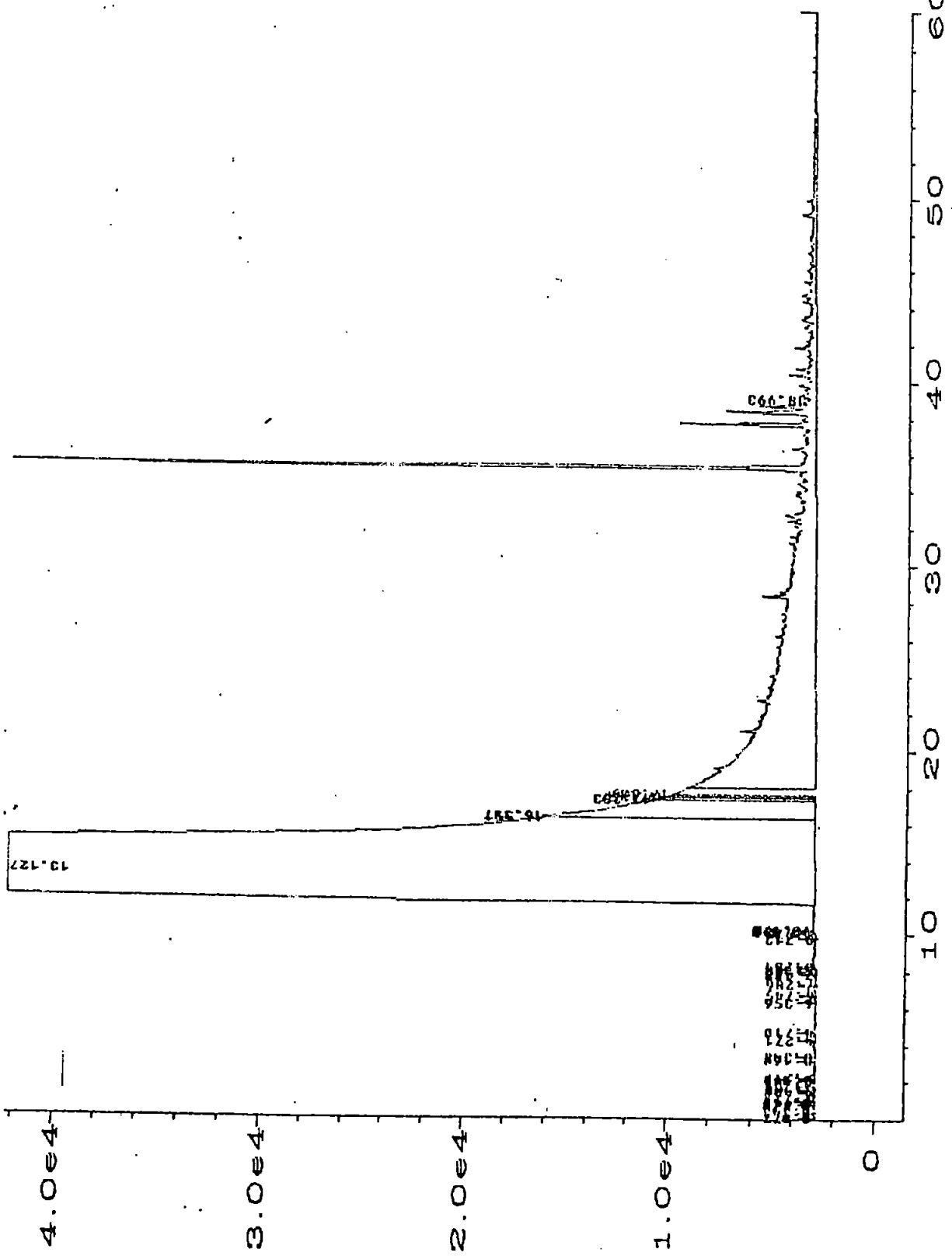
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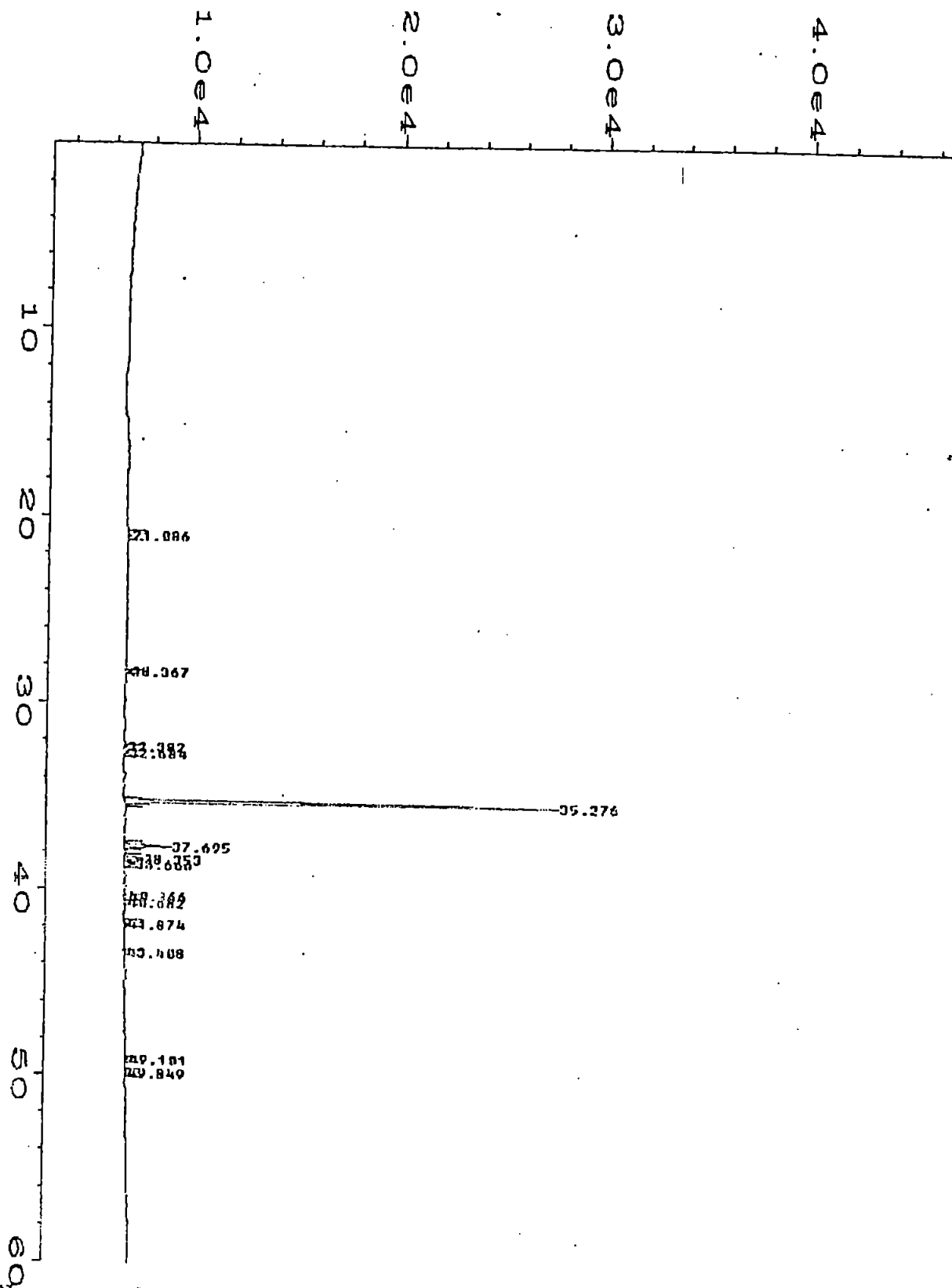
Operator
Instrument
Sample Name
Run Time Bar Code
Acquired on
Report Created on
Last Recalib on
Multiplier

19 May 94 02:30 AM
19 May 94 03:31 AM
20 JAN 93 10:31 AM

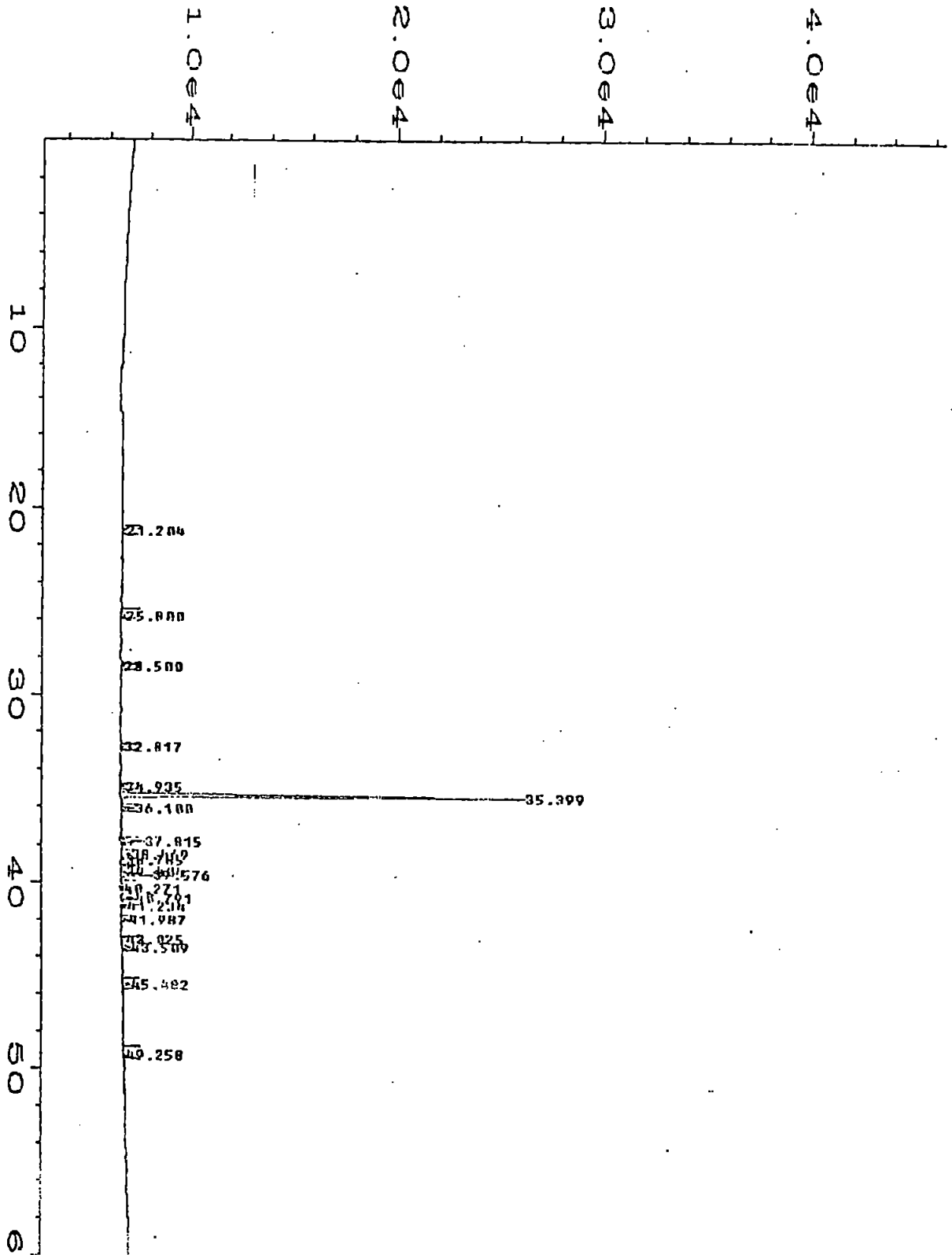
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Vial Number
Injection Number
Sequence Line
Instrument Method
Analyst's Method
Sample Amount
ISTD Amount

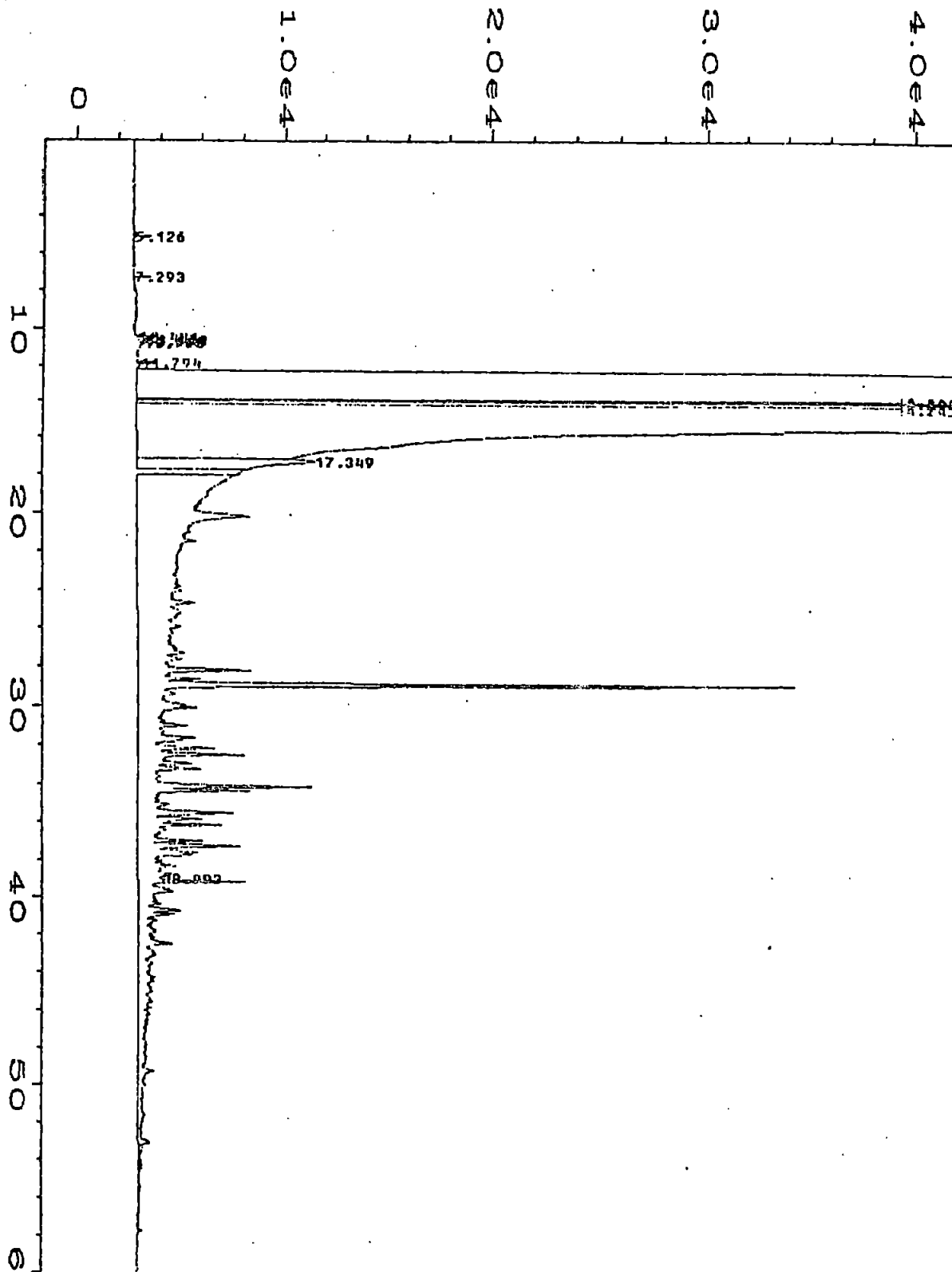




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Instrument	: GC3	Injection Number	: 1
Sample Name	: 05-101-2 5g	Sequence Line	: 1
Run Time Bar Code	:	Instrument Method	: GASOLINE.MTH
Acquired on	: 19 May 94 02:30 AM	Analysis Method	: GASBTEX.MTH
Report Created on	: 19 May 94 03:32 AM	Sample Amount	: 0
Last Recalib on	: 18 JAN 93 04:31 PM	STD Amount	:
Multiplier	: 1		



Data File Name	: C:\HPCHEM\1\DATA\940517\074R0101.D	Page Number	: 1
Operator	: jll	Vial Number	: 74
Instrument	: GC3	Injection Number	: 1
Sample Name	: 05-101-3 5g	Sequence Line	: 1
Run Time Bar Code	:	Instrument Method	: GASOLINE.MTH
Acquired on	: 19 May 94 03:43 AM	Analysis Method	: GASBTEX.MTH
Report Created on	: 19 May 94 04:44 AM	Sample Amount	: 0
Last Recalib on	: 18 JAN 93 04:31 PM	ISTD Amount	:
Multiplier	: 1		



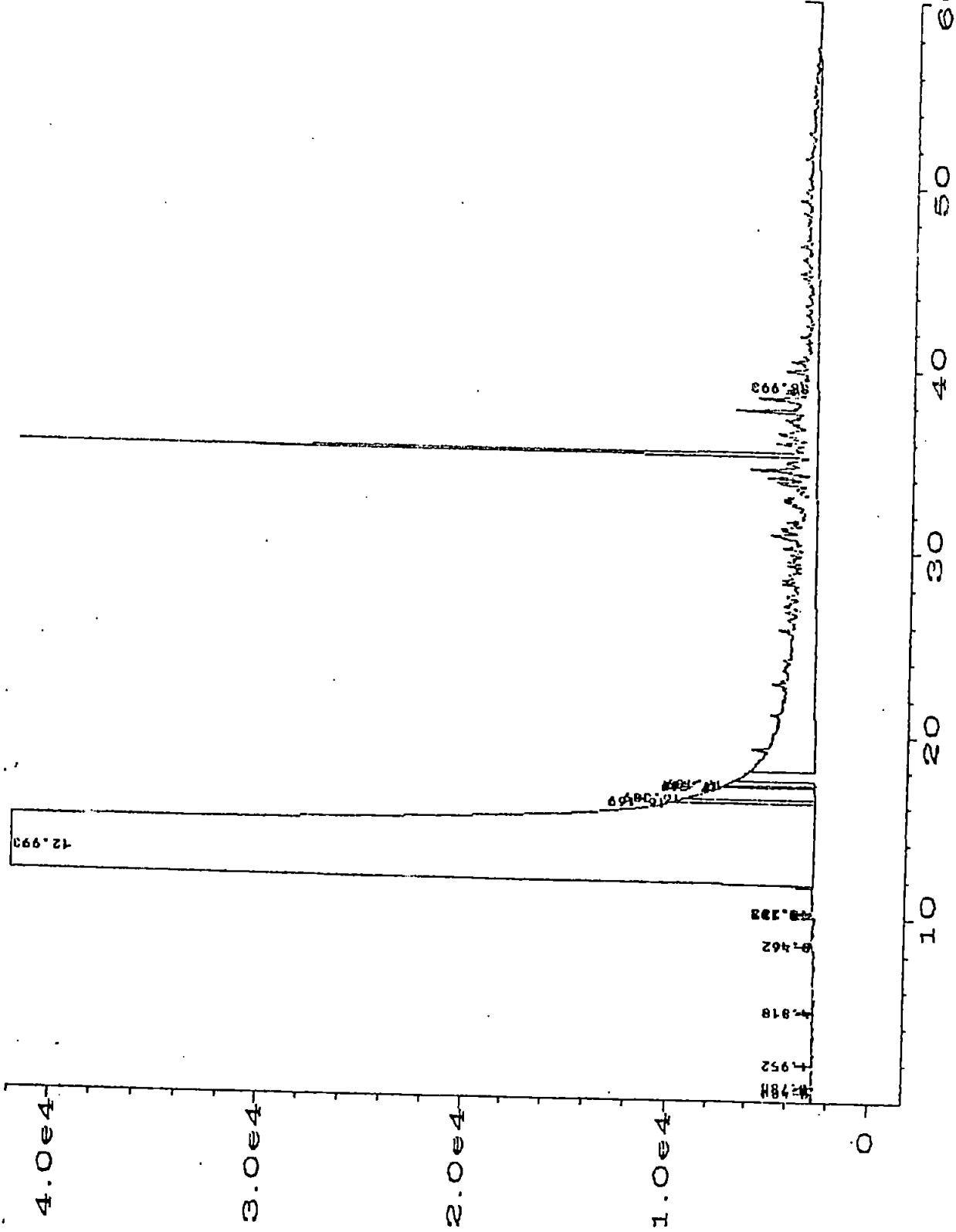
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Operator	: jll	Vial Number	: 25
Instrument	: GC3	Injection Number	: 1
Sample Name	: 05-101-4 5g	Sequence Line	: 1
Run Time Bar Code	: 19 May 94 09:09 AM	Instrument Method	: GASOLINE.MTH
Report Created on	: 19 May 94 10:10 AM	Analysis Method	: GASOLINE.MTH
Last Recalib on	: 20 JAN 93 10:31 AM	Sample Amount	: 0
Multiplier	: 1	ISTD Amount	:

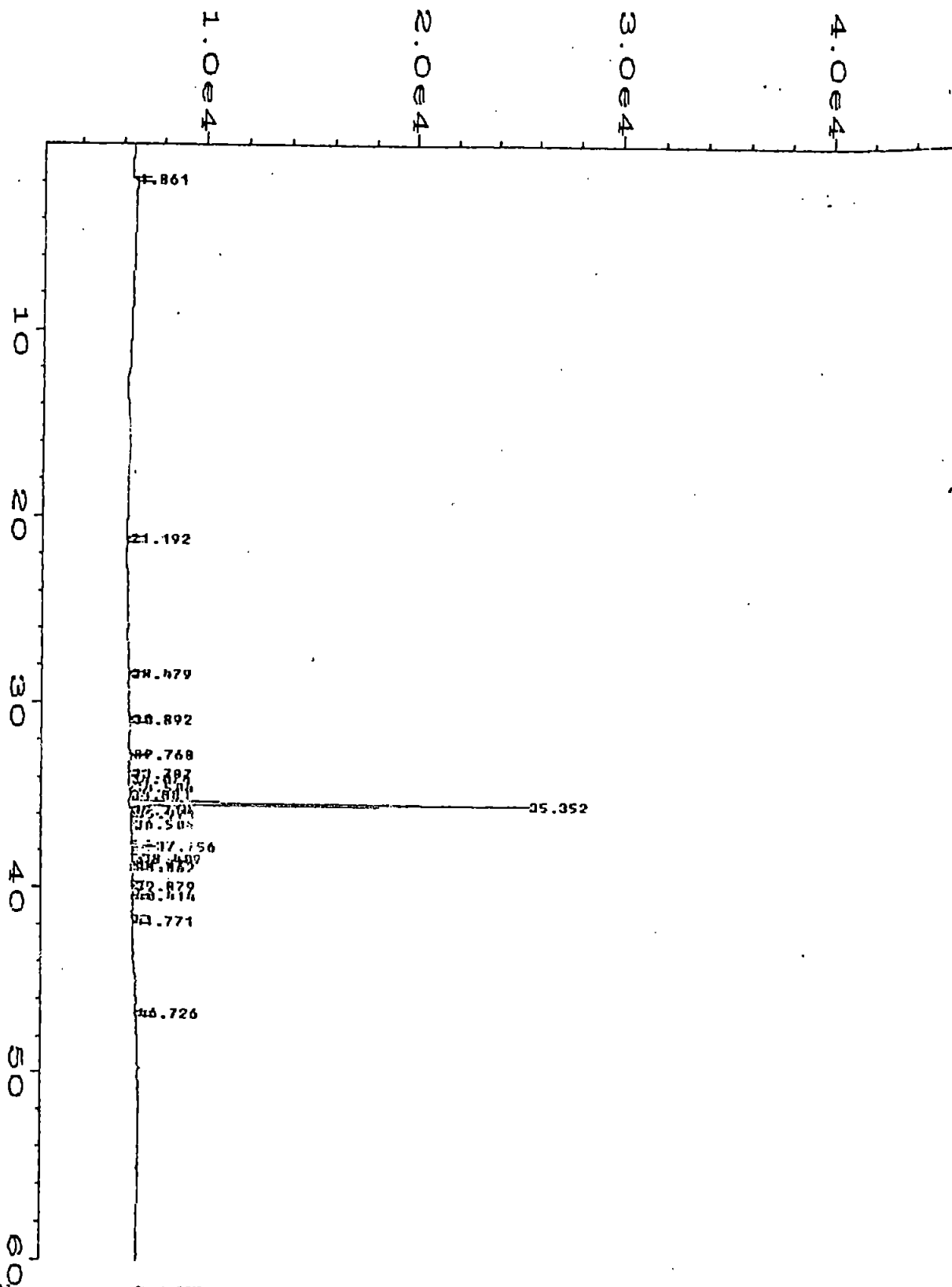
Data File Name
 Operator
 Instrument
 Sample Name
 Run Time Bar Code
 Acquired on
 Report Created on
 Last Received on
 Multiplier

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05-101-5 58
19 May 94 10:22 AM
18 May 94 11:23 AM
20 JAN 93 10:31 AM

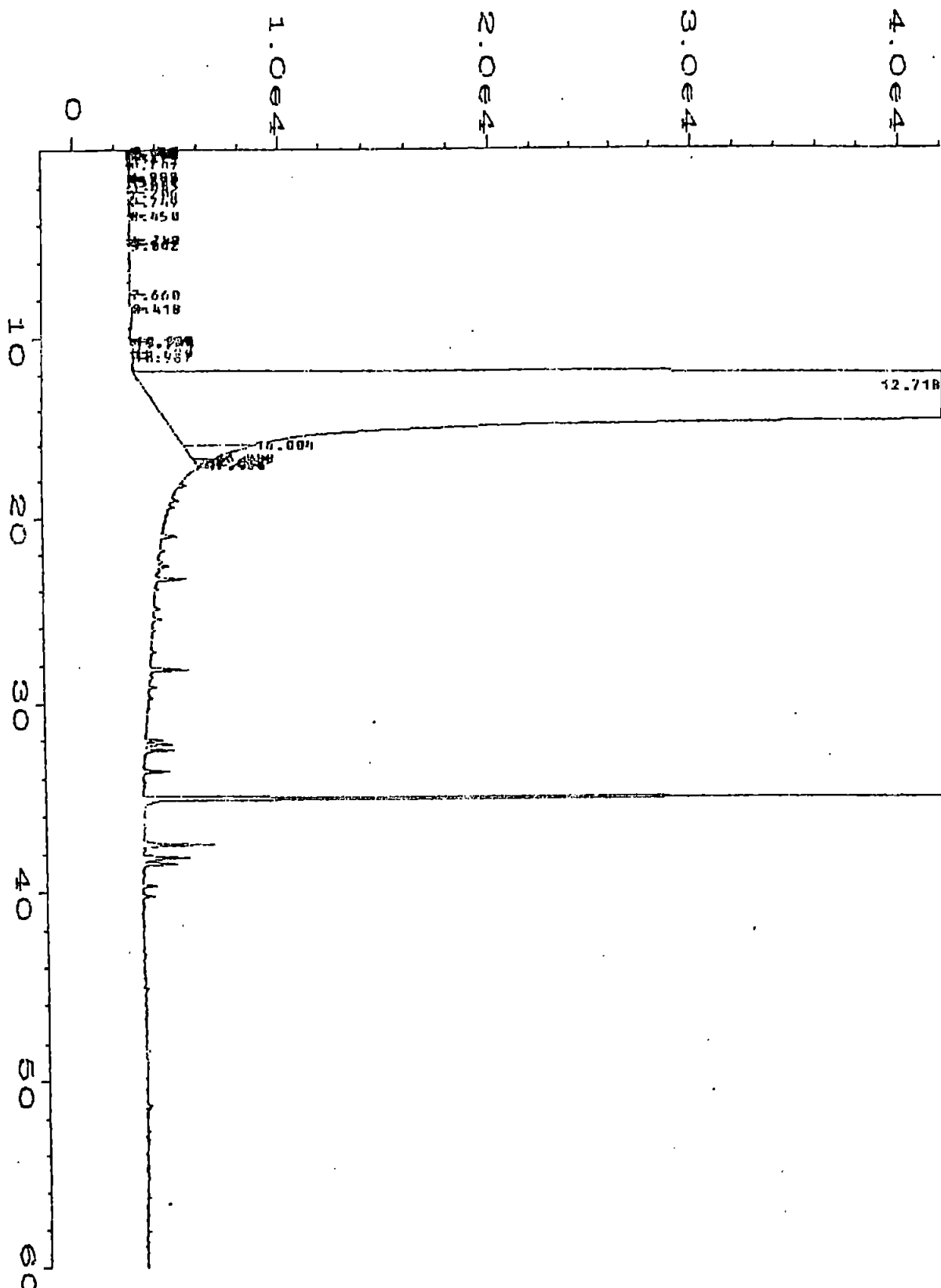
101.D
 Page Number
 Vial Number
 Infection Number
 Sequence Line
 Instrument Method
 Analysts Method
 Sample Amount
 ISLD Amount

1
26
11
GASOLINE.MTH
0

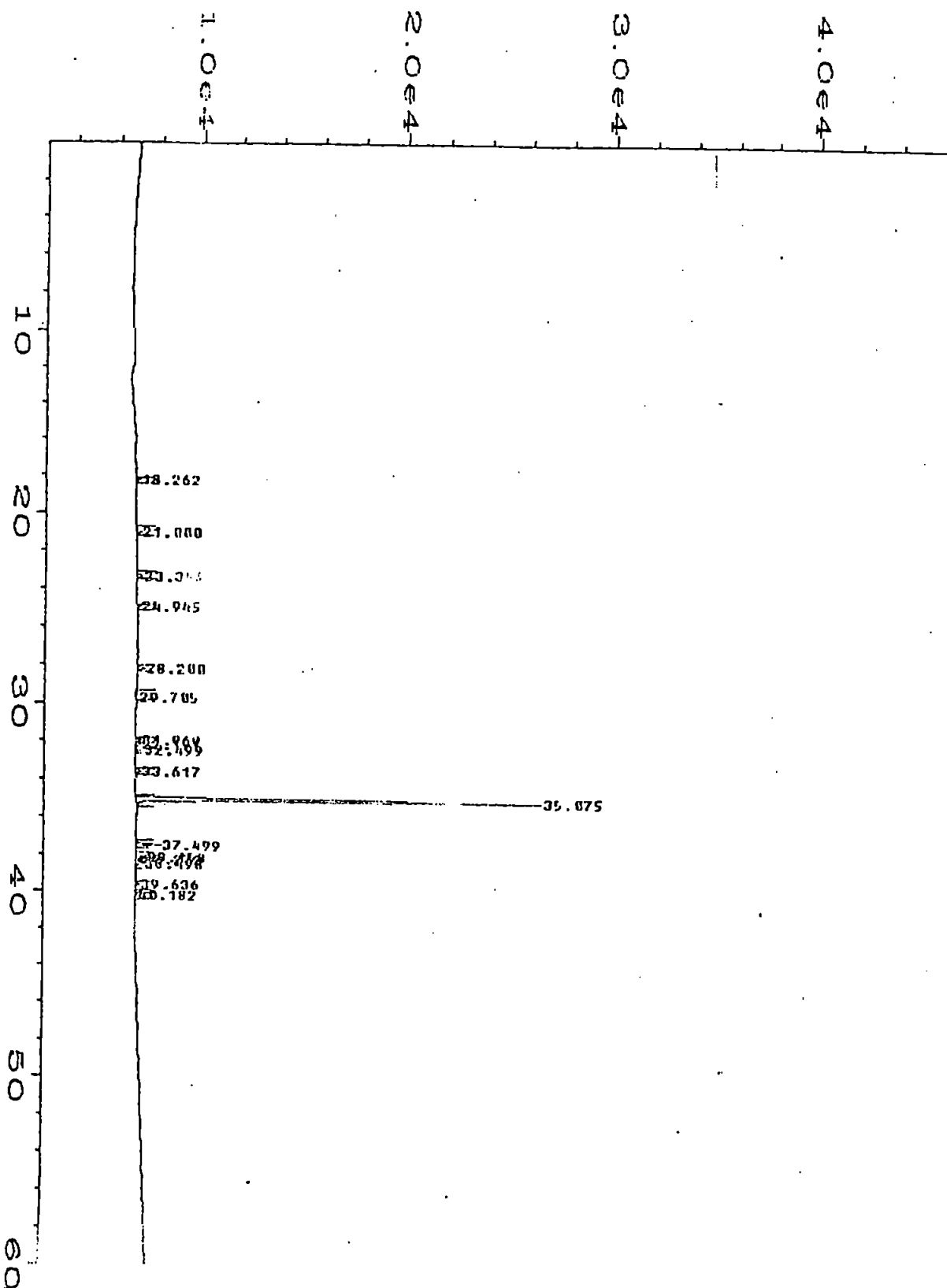




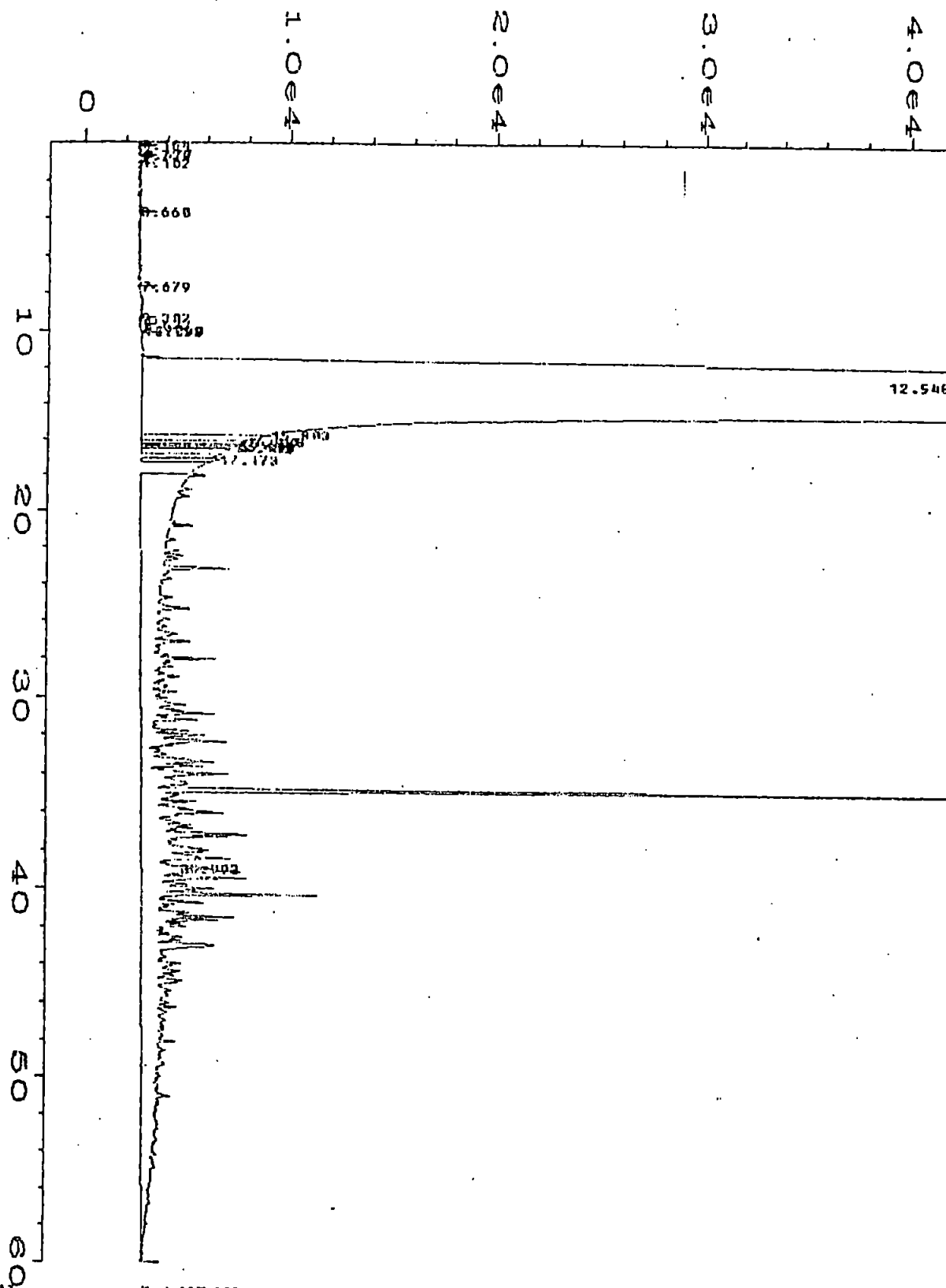
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Operator	: jll	Vial Number	: 76
Instrument	: GC3	Injection Number	: 1
Sample Name	: 05-101-5 5g	Sequence Line	: 1
Run Time Bar Code	:	Instrument Method	: GASOLINE.MTH
Acquired on	: 19 May 94 10:22 AM	Analysis Method	: GASOLINE.MTH
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Last Recalib on	: 18 JAN 93 04:31 PM	ISTD Amount	:
Multiplier	: 1		



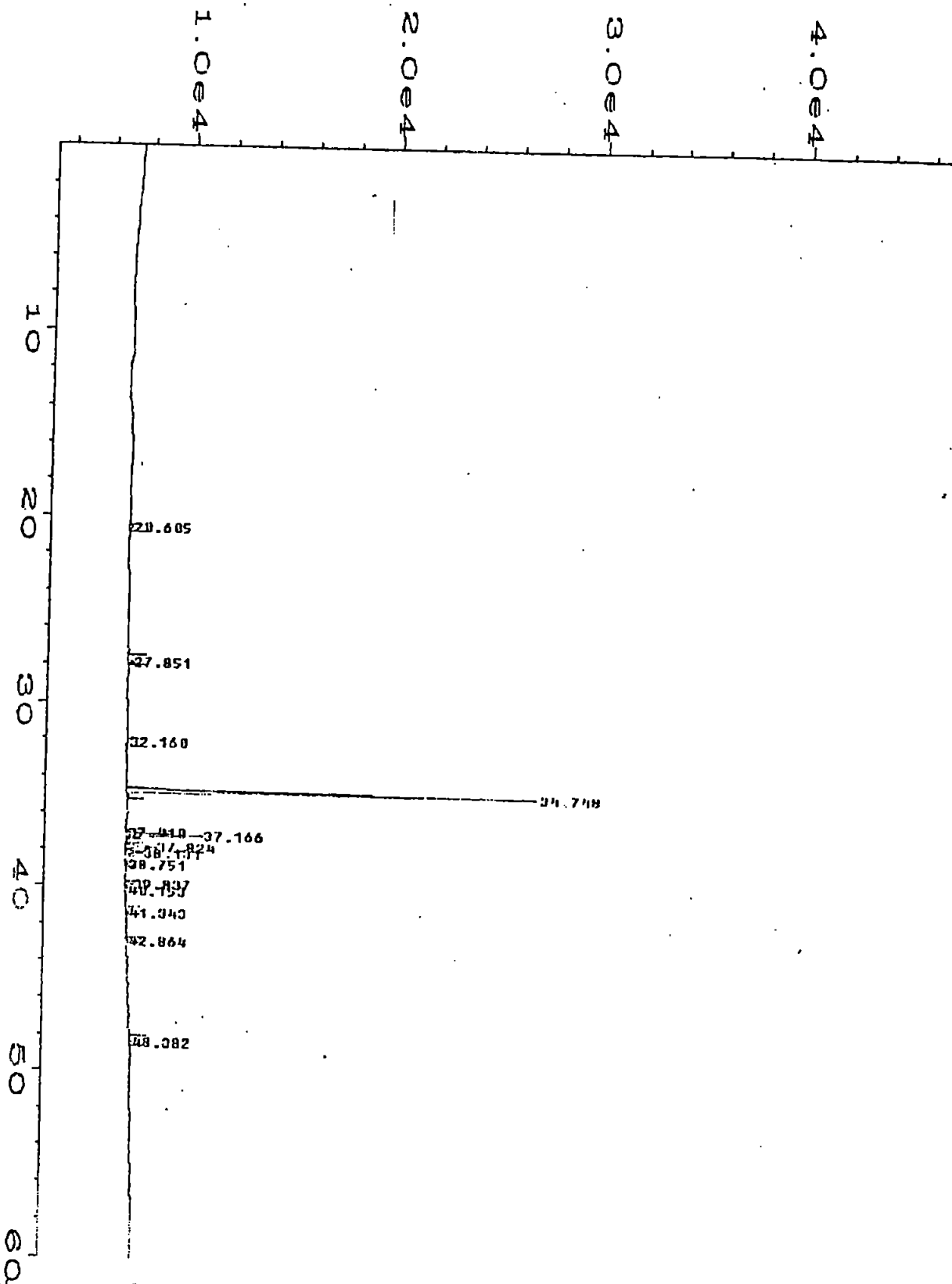
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Instrument	: GC3	Injection Number	: 1
Sample Name	: 05-101-6 5g	Sequence Line	: 1
Run Time Bar Code	:	Instrument Method	: GASOLINE.MTH
Acquired on	: 19 May 84 11:35 AM	Analysis Method	: GASOLINE.MTH
Report Created on	: 19 May 84 12:36 PM	Sample Amount	: 0
Last Recalib on	: 20 JAN 83 10:31 AM	ISTD Amount	:
Multiplier	: 1		



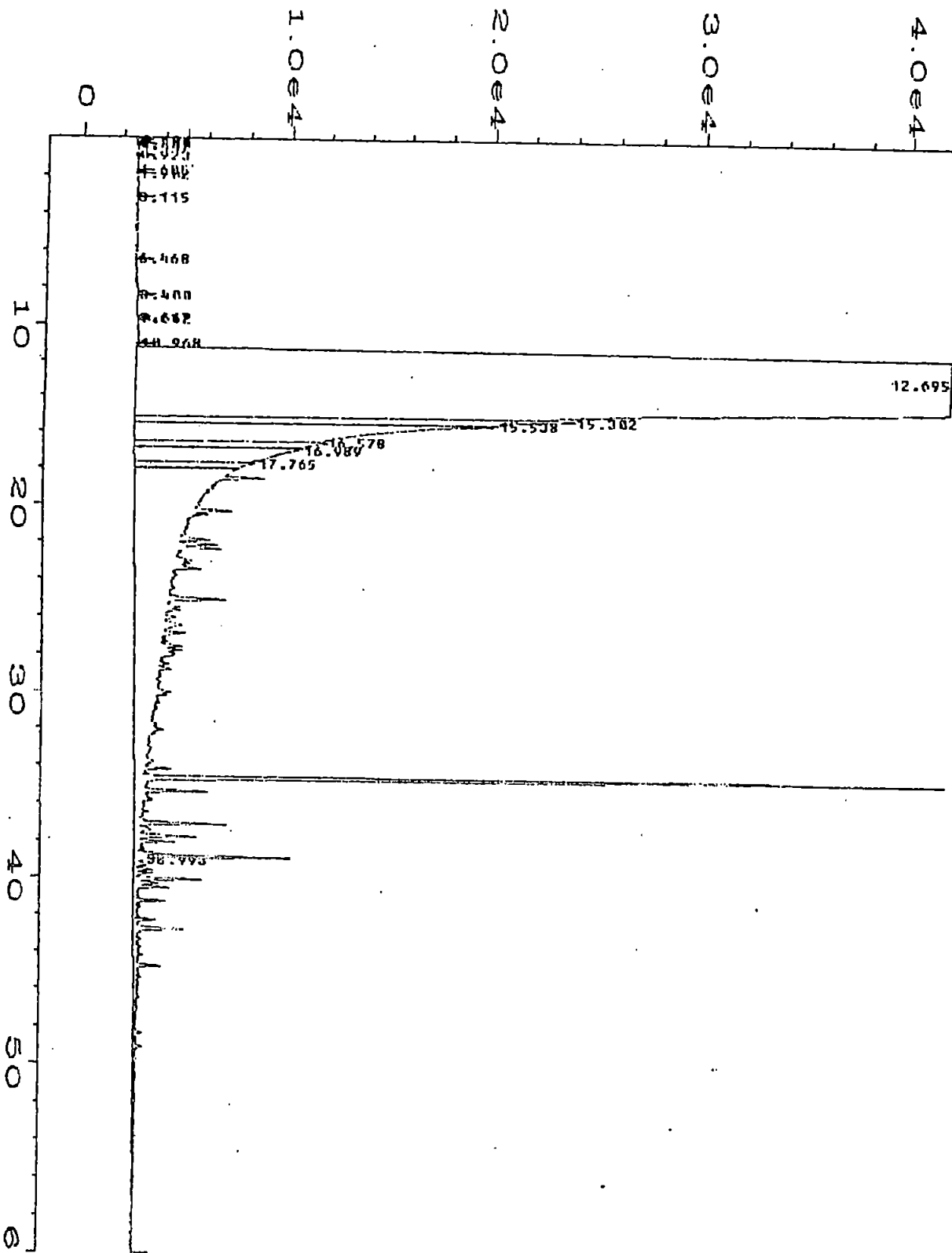
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Instrument	: GC3	Injection Number	: 1
Sample Name	: 05-101-6 5g.	Sequence Line	: 1
Run Time Bar Code	:	Instrument Method	: GASOLINE.MTH
Acquired on	: 19 May 94 11:35 AM	Analysis Method	: GASBTX.MTH
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Last Recalib on	: 18 JAN 93 04:31 PM	ISTD Amount	:
Multiplicities	: 1		



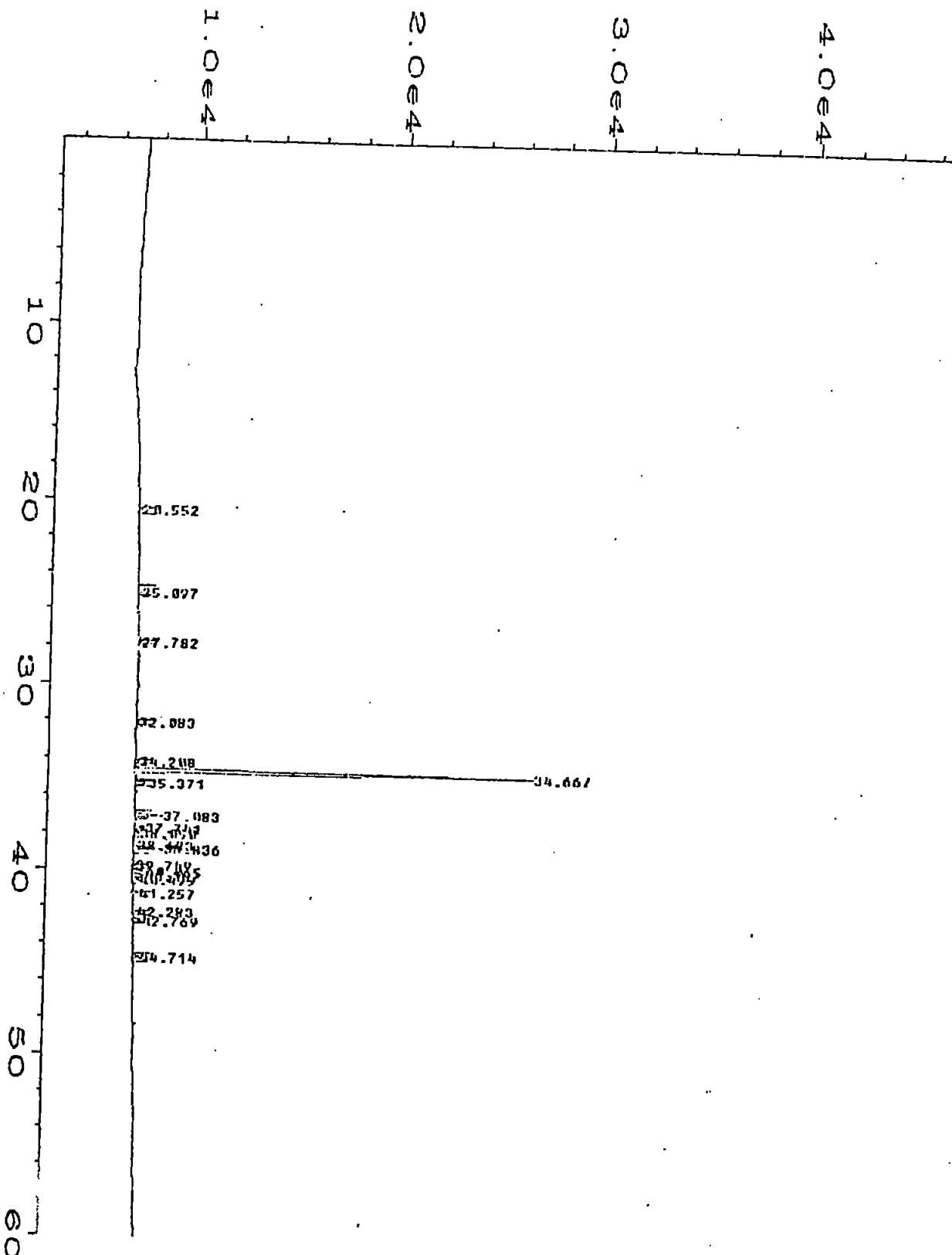
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Operator	: jll	Vial Number	: 28
Instrument	: GC3	Injection Number	: 1
Sample Name	: 05-101-7 5g	Sequence Line	: 1
Time Bar Code	: 19 May 94 12:52 PM	Instrument Method	: GASOLINE.MTH
Printed on	: 19 May 94 01:52 PM	Analysis Method	: GASOLINE.MTH
Port Recalib on	: 20 JAN 93 10:31 AM	Sample Amount	: 0
Multiplier	: 1	ISTD Amount	:



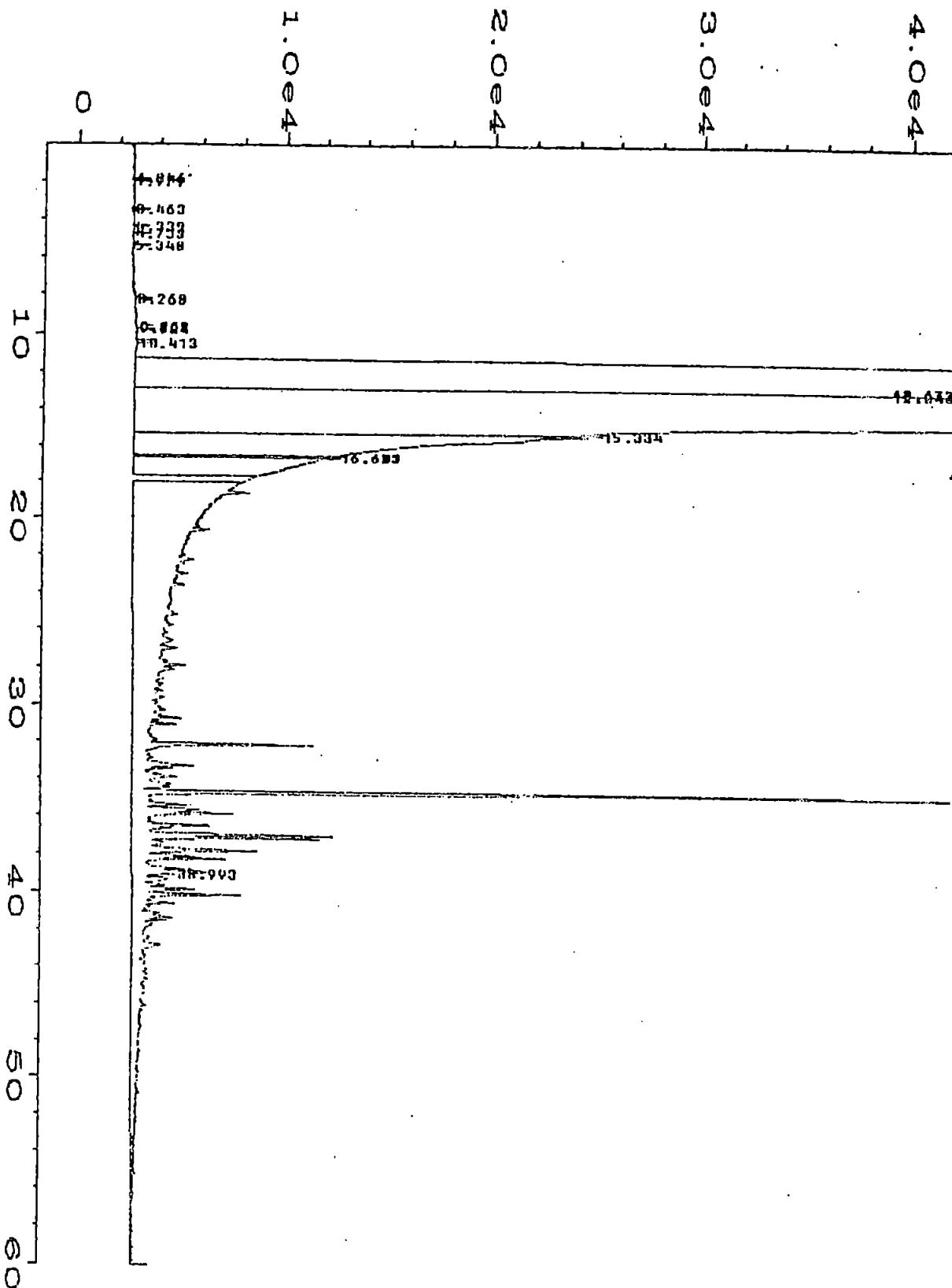
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Operator	: jll	Vial Number	: 79
Instrument	: GC3	Injection Number	: 1
Sample Name	: 05-101-2d 5g	Sequence Line	: 1
Run Time Bar Code	:	Instrument Method	: GASOLINE.MTH
Acquired on	: 19 May 94 02:10 PM	Analysis Method	: GASBTEX.MTH
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Multiplier	: 1		



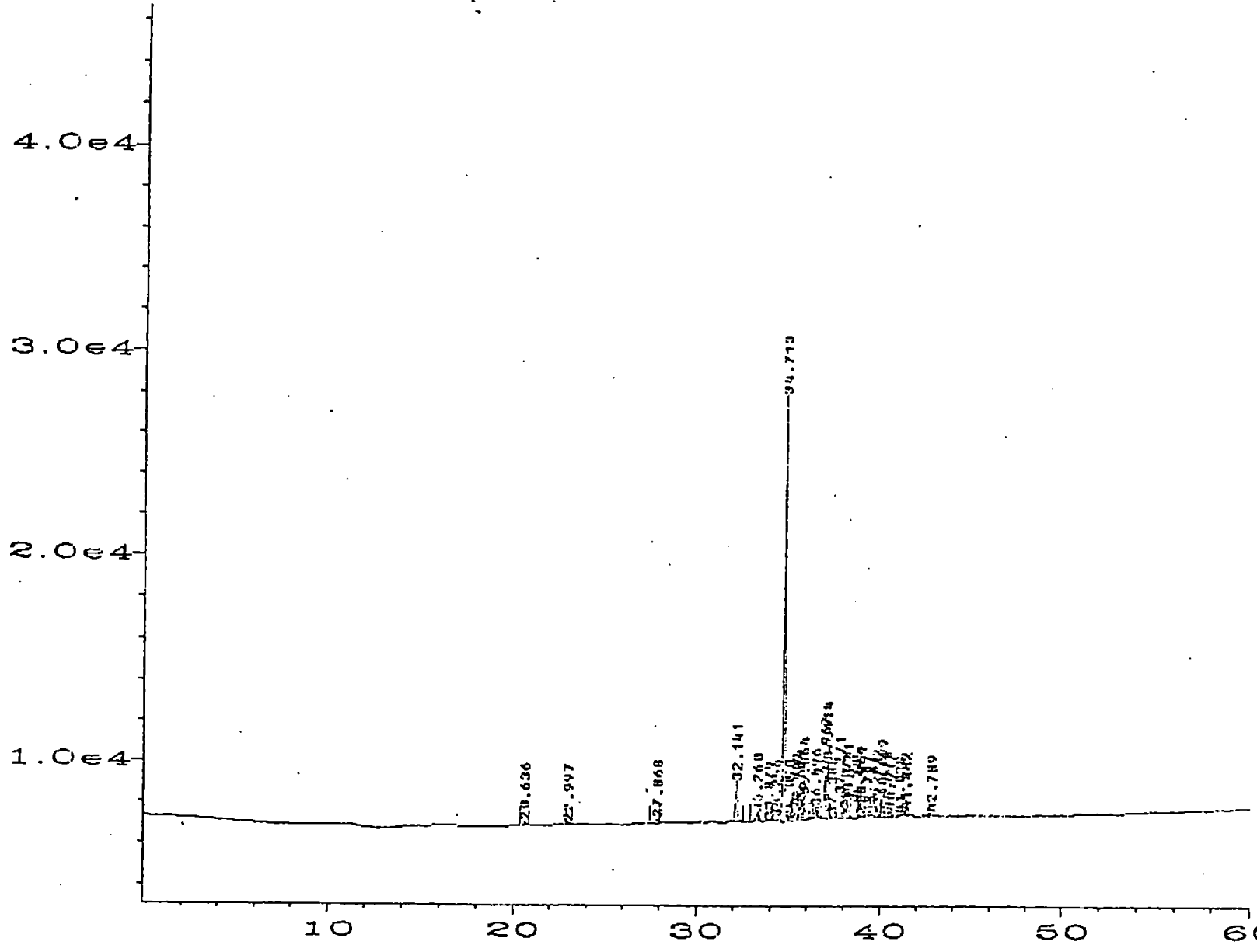
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Instrument	: GC3	Injection Number	: 1
Sample Name	: 05-101-3d 5g	Sequence Line	: 1
Run Time Bar Code:		Instrument Method:	: GASOLINE MTH
Acquired on	: 19 May 94 03:31 PM	Analysis Method	: GASOLINE MTH
Report Created on	: 19 May 94 04:31 PM		
Last Recalib on	: 20 JAN 93 10:31 AM		



ata File Name	: C:\HPCHEM\1\DATA\940517c\080R0101.D	Page Number	: 1
Operator	: jll	Vial Number	: 80
Instrument	: GC3	Injection Number	: 1
Sample Name	: 05-101-3d 5g	Sequence Line	: 1
Run Time Bar Code	: 19 May 94 03:31 PM	Instrument Method	: CASOLINE.MTH
Acquired on	: 19 May 94 04:32 PM	Analysis Method	: GASETEX.MTH
Report Created on	: 18 JAN 93 04:31 PM	Sample Amount	: 0
Last Recalib on	: 1	ISTD Amount	
Multiplier			



Data File Name	: C:\HPCHEM\1\DATA\940517c\031F0101.D	Page Number	: 1
Operator	: jll	Vial Number	: 31
Instrument	: GC3	Injection Number	: 1
Sample Name	: 05-101-4d 5g	Sequence Line	: 1
Run Time Bar Code		Instrument Method	: GASOLINE.MTH
Acquired on	: 10 May 94 04:50 PM	Analysis Method	: GASOLINE.MTH
Report Created on	: 19 May 94 05:50 PM	Sample Amount	: 0
Last Recalib on	: 20 JAN 93 10:31 AM	ITD Amount	: 0
Multiplier	: 1		



Data File Name	C:\NPHCHEM\1\DATA\940517\081R0101.D	Page Number	81	GASOLINE.MTH
Operator	J11	Vial Number	1	GASOLINE.MTH
Instrument	GC3	Injection Number	1	GASOLINE.MTH
Sample Name	05-101-4d 5g	Sequence Line		
Run Time Bar Code	19 May 94 04:50 PM	Instrument Method		
Acquired on	19 May 94 05:51 PM	Analysis Method		
Report Created on	18 JAN 93 04:31 PM	Sample Amount		
Last Recalib on		ISTD Amount		
Multiplier	1			

file=c:\cp\data\1940517F.03R Date printed = 05-17-1994 Time = 21:11:40

2.50 to 33.00 min. Low Y = -0.32863 mv High Y = 3.67137 mv Span = 4.00000 mv

IT-D1

INC-12

OTF

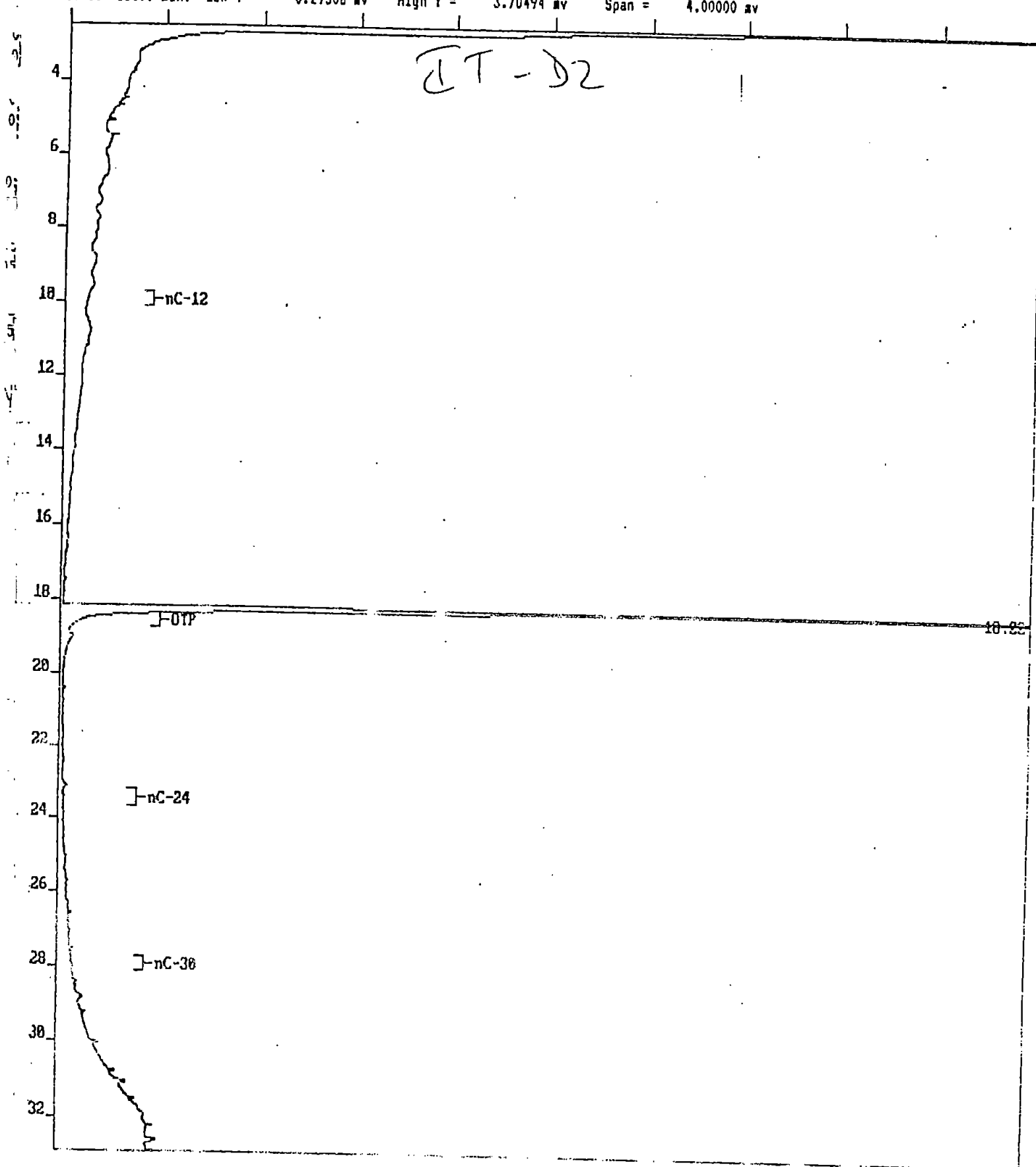
INC-24

INC-30

18.25

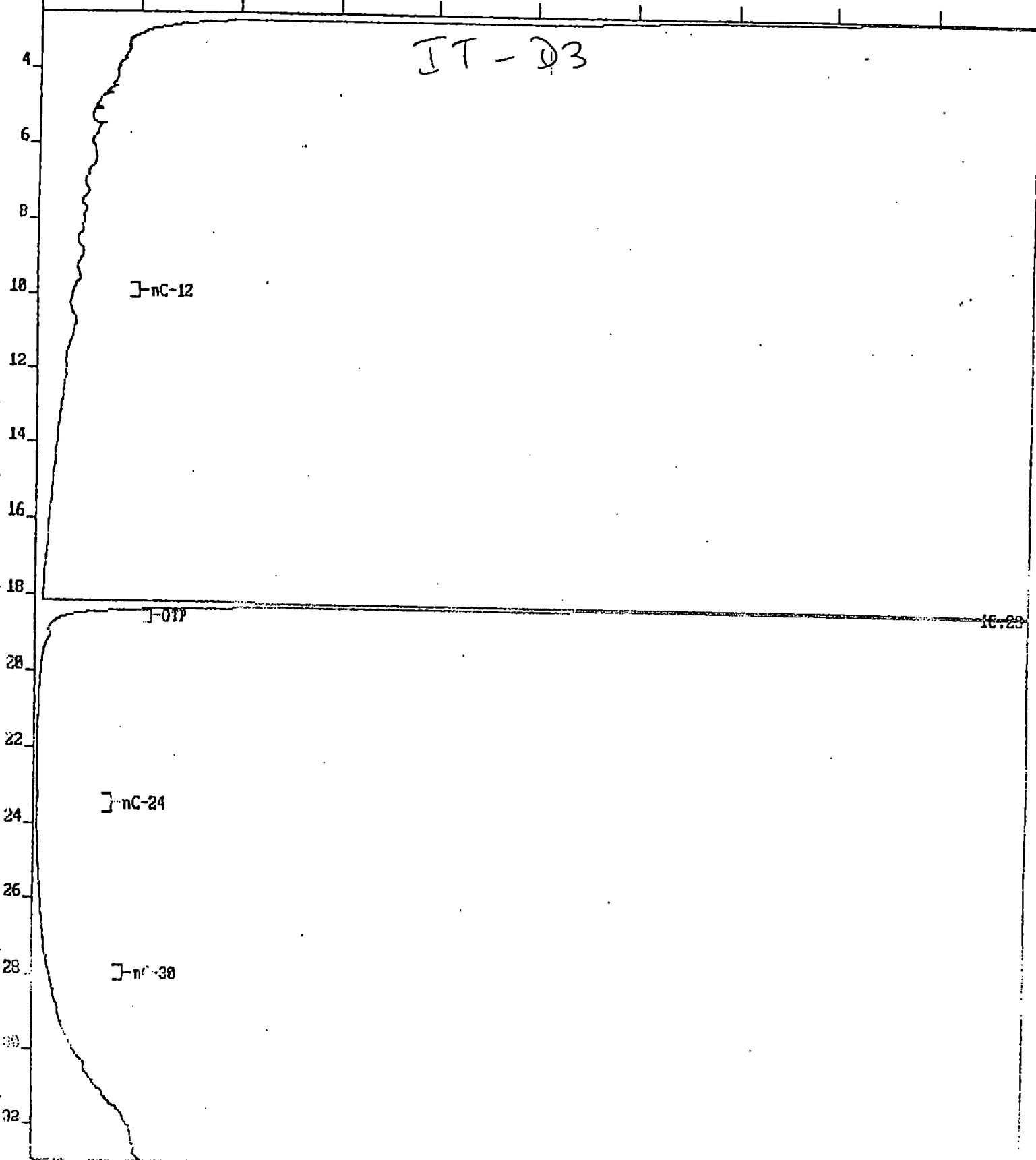
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2.50 to 33.00 min. Low Y = -0.29506 mv High Y = 3.70494 mv Span = 4.00000 mv



File=c:\cp\data\1940517F.05R Date printed = 05-17-1994 Time = 22:38:29

2.50 to 33.00 min. Low Y = -0.33641 mv High Y = 3.66339 mv Span = 4.00000 mv



file=c:\cp\data\1940517F.06R Date printed = 05-17-1994 Time = 23:21:38

2.50 to 33.00 min. Low Y = -0.33715 mv High Y = 3.66285 mv Span = 4.00000 mv

IT-D4

nc-12

nc-01P

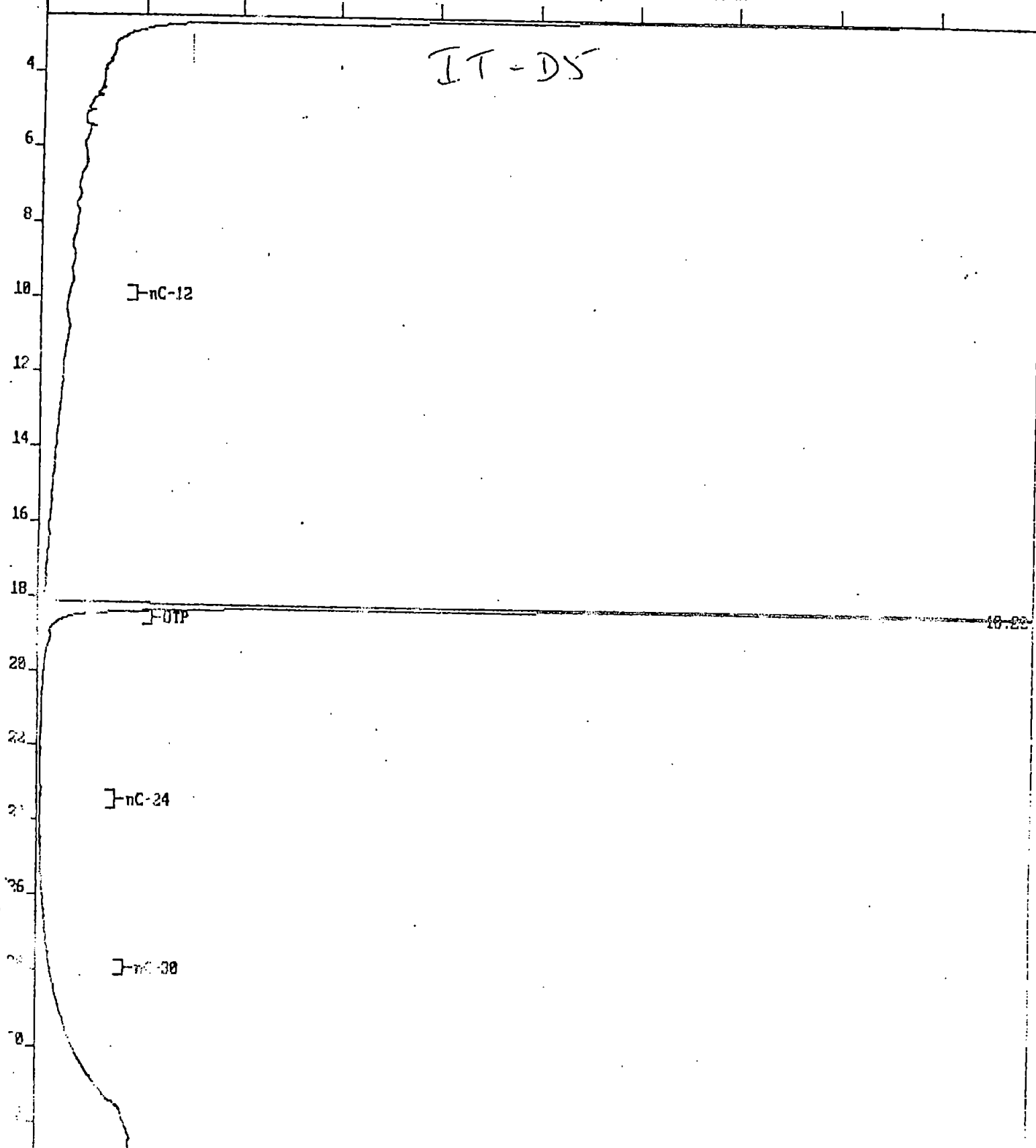
nc-24

nc-38

18.22

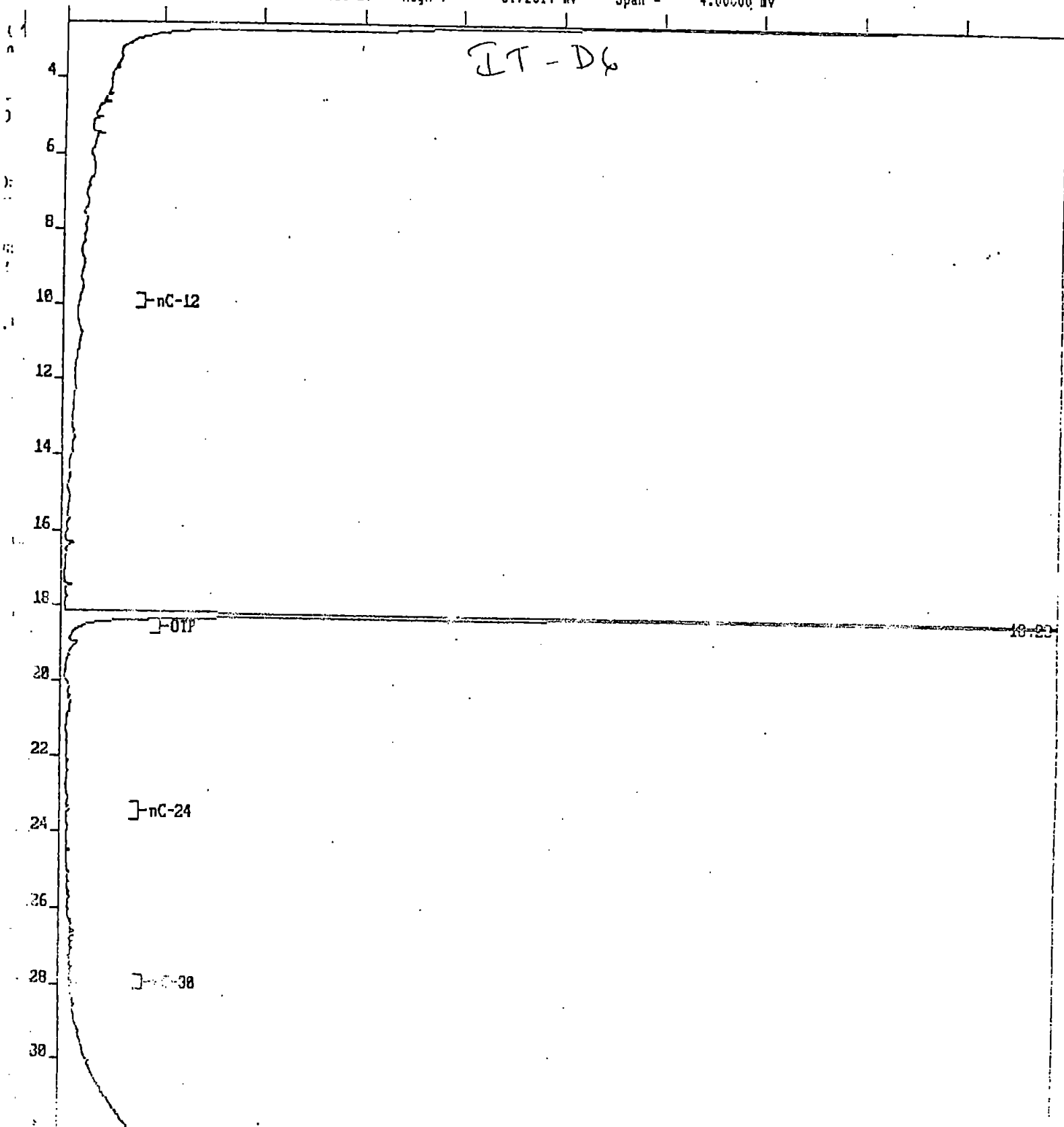
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2.50 to 33.00 min. Low Y = -0.33393 mv High Y = 3.66607 mv Span = 4.00000 mv



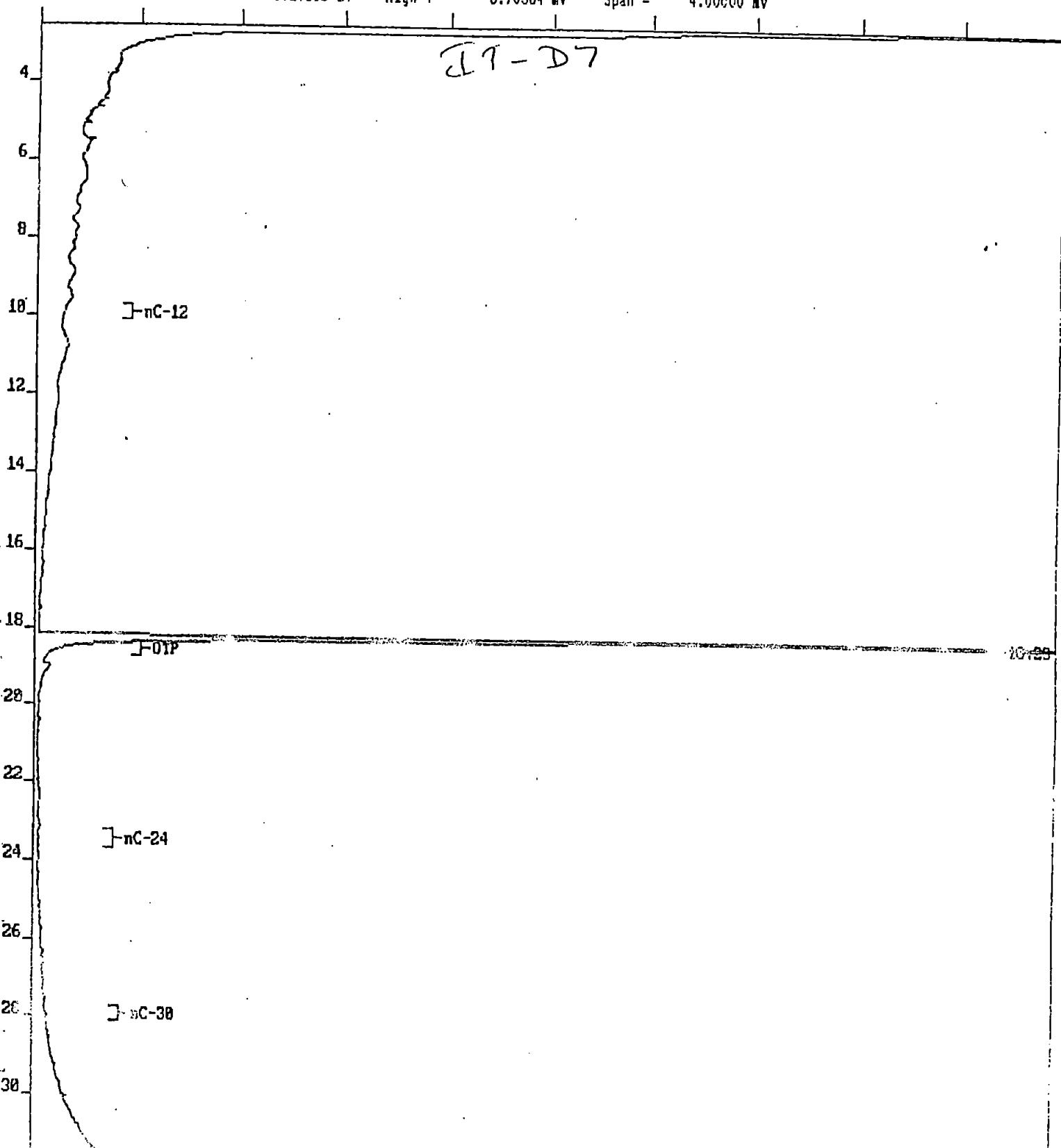
File=c:\cp\data\1940517F.08R Date printed = 05-18-1994 Time = 00:50:14

2.50 to 33.00 min. Low Y = -0.27486 mv High Y = 3.72514 mv Span = 4.00000 mv



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2.50 to 33.00 min. Low Y = -0.29636 mv High Y = 3.70364 mv Span = 4.00000 mv



AMERICAN ANALYTICAL SERVICES INC.

8220-B 7th Avenue South

Seattle, WA 98124

(206) 762-7599

JHHS

Client:

O'Sullivan Omega

Project Manager:

J.T. L. McE

Project #:

Project Name: Industrial Transfer

dash	Sample Number	Date Sampled	Type	# Jars	Analysis Required	Comments
	ZT - G1	5/17/94	Soil	1	WTPH-G	
	-G2					
	-G3					
	-G4					
	-G5					
	-G6					
	-G7					
	-G8					
	-D1				WTPH-D	
	-D2					
	-D3					
	-D4					
	-D5					
Relinquished by: <i>[Signature]</i>		date: 5/17/94	Received by: <i>[Signature]</i>		date: 5-17-94	
Firm: O'Sullivan		time: 1455	Firm: AAST		time: 2:55	
Relinquished by:		date:	Received by:		date:	
Firm:		time:	Firm:		time:	

APPENDIX E
REFERENCES

APPENDIX E

REFERENCES

Guidance for Site Checks and Site Assessment for Underground Storage Tanks, Washington State Department of Ecology Underground Storage Tank Program, Revised, October, 1992.

The Model Toxics Control Act Cleanup Regulations Chapter 173-340 WAC, Amended December, 1993.

Guidance for Remediation of Releases from Underground Storage Tanks, Washington State Department of Ecology Toxics Cleanup Program, Revised April 1994.