

QUEST

Quality Environmental Services Team, Inc.

May 15, 1998

Copy
Pao

Mr. Ron Isaacs
Motion Financial Management, Ltd.
100 Park Royal South, Suite 200
West Vancouver, BC V7T1A2

SUBJECT: Results of Underground Storage Tank Removal Program at 14 Roy Street, Seattle, Washington.

Dear Mr. Isaacs:

Quality Environmental Services Team, Inc. (QUEST) is pleased to provide the results of an underground storage tank (UST) removal program conducted at the subject site. On December 5, 1997, a 4,000-gallon PS-300 oil UST was removed from the site. An 860-gallon UST containing a non-chlorinated solvent (mineral spirits or stoddard solvent) was removed on March 30, 1998. A 175-gallon vessel and a 200-gallon vessel both containing chlorinated solvent were also removed from the site on March 30, 1998. The USTs and vessels including associated piping was removed by American Distributing (AD) of Everett, Washington. QUEST, provided consulting, assessment and documentation services during the UST removal program.

BACKGROUND

The site is located at the northwest intersection of First Avenue and Roy Street in Seattle, Washington (Figure 1). Motion is currently planning to build a four-story building with retail on the first level and apartments above. The site formerly contained a building and was previously used as a dry cleaners (Paramount Dry Cleaners) and more recently a restaurant (Orestes Restaurant). The building was demolished by Motion in November 1997. The western portion of the site is currently unpaved while the eastern portion is an asphalt parking area. Three groundwater monitoring wells (2-inch diameter) are located at the Site (one is located on the south side of Roy Street). A former Unocal Service Station is located immediately west of the subject site.

Past environmental assessment work conducted at the site in June 1995 and December 1995 by Clayton Environmental Consultants (Clayton) indicated that a 4,000 gallon underground storage tank (UST) used to store dry cleaning chemicals was located on site, but its location was unknown. It was speculated that the tank was located in the service drive or beneath the building east of the service drive. No records were found indicating the UST had been removed. A geophysical survey was conducted as part of Clayton's work and concluded that an UST was not likely present in the service drive.

Based on the findings and conclusions section of Clayton's report¹, the subsurface investigation performed at the site showed that Tetrachloroethene (PCE), Trichloroethene (TCE), and vinyl chloride were present in the shallow groundwater located at a depth of approximately 7 to 12 feet beneath the site.

In November 1997 during building demolition by Motion, a shallow subsurface pipe containing PS-300 oil (heavy black oil) was damaged. The small amount of oil released (estimated at less than 10 gallons) was limited to a small surface area of the site and remediated with the use of absorbent pads. Subsequent investigative work by QUEST revealed the presence of a 4,000-gallon PS-300 UST at the location shown on Figure 2. This UST was removed by QUEST and AD in December 1997. The findings of the PS-300 UST removal program are presented in subsequent sections of this report.

In February 1998, a geophysical survey revealed that a second UST was present in the northwest corner of the site as shown on Figure 2. In March 1998, a small surface spill from this UST occurred at the site. The release, though relatively minor, created an odor nuisance. From March 24, 1998 through March 27, 1998, QUEST worked with Ecology and the Puget Sound Air Pollution Control Agency to rectify the odor problem. Activities included temporarily covering portions of the site with plastic, pumping water and product from the UST and UST basin, excavating surface soil containing odors for offsite thermal treatment, and backfilling these areas with imported soil and gravel. The work performed during this spill response is described in greater detail in this report.

On March 30, 1998, after the odors had been mitigated at the site, the 860-gallon UST was removed by QUEST and AD. During removal of the UST, two 175 to 200-gallon vessels containing water mixed with chlorinated solvents were found. The contents of these vessels were pumped into 55-gallon drums and the vessels were removed. The results of the 860-gallon UST and vessel removals are provided in subsequent sections of this report.

4,000-GALLON PS-300 OIL UST

A 4,000-gallon steel PS-300 oil UST and associated piping were removed from the site by AD on December 5, 1997. The UST was located in the northern portion of the property as shown on Figure 2. UST removal activities were observed by a registered Site Assessor from QUEST.

¹ Clayton Environmental Consultants, Soil and Groundwater Investigation Report at Orestes Site, Seattle Washington, March 1996

Prior to removal, the contents of the PS-300 UST (water and oil) were pumped into a portable 6,500-gallon tank. The UST was then inerted by AD using dry ice and a representative from the Seattle Fire Department inspected the UST prior to removal. Once removed, the steel UST was inspected by QUEST and AD for signs of deterioration and/or holes. The UST possessed some rust, but no holes were observed. The UST was removed from the site for cleaning and then transported to Everett Steel in Everett, Washington for recycling. Copies of UST removal/disposal documents are provided in Appendix A.

Groundwater was observed in the UST basin at a depth of approximately 10 feet bgs. A thin layer of oil was observed on the groundwater surface. Since no holes were found in the UST, it is speculated that the UST had filled with water from an opening (bung) at the top. Water and oil was pumped from the excavation into the portable 6,500-gallon tank following removal of the UST. Only a trace of oil was observed on the groundwater that refilled the excavation upon cessation of pumping activities.

A solvent odor was noted in soil below the former location of the UST. Soil excavated during the removal of the PS-300 UST which contained a solvent odor was stockpiled separately from soil that did not. Due to the presence of field evidence of chemical concentrations in soil and water within the former UST basin, samples were only collected from each soil stockpile and from the water in the portable 6,500-gallon tank. Soil sample ASTOCK was collected from the stockpile possessing solvent odors. Soil sample BSTOCK was collected from the other stockpile. A water sample (TANKWATER) was collected from the portable 6,500-gallon tank.

Soil samples were collected by hand. The water sample was collected using a disposable PVC bailer attached to a nylon rope. During sampling, the soil and water was placed directly in laboratory supplied glass sample containers with Teflon® lined lids. Upon collection, each sample was sealed, labeled, and placed in an ice chest for cold storage during field work and transport. Soil sampling collection and handling procedures were performed in accordance with regulatory guidelines.

Shallow soil beneath the site consists of silt to a depth of at least 12 feet bgs (depth of UST basin). Groundwater was found at a depth of approximately 10 feet bgs during removal of the 4,000-gallon PS-300 UST. Visual or olfactory evidence of petroleum hydrocarbons were encountered in soil and water within the excavation. As noted earlier, a layer of oil [separate phase hydrocarbons (SPH)] was observed on the water surface following the removal of the PS-300 UST. Only a trace amount of SPH returned to the excavation following the pumping of approximately 500 gallons of water from the

excavation. The water and oil (4,400 gallons) was transported to Marine Vacuum Service in Seattle, Washington for treatment. The excavation was backfilled with existing and imported fill material by Motion.

Following removal of the 4,000-gallon PS-300 UST and sampling activities, the samples were transported by QUEST under chain-of-custody documentation to North Creek Analytical, an independent analytical laboratory located in Bothell, Washington. The soil stockpile samples were analyzed for oil and diesel range petroleum hydrocarbons according to Washington Total Petroleum Hydrocarbons as diesel extended and halogenated and volatile organic compounds according to EPA Method 8021. The water collected from the storage tank was analyzed according to EPA Method 8021. A summary of the laboratory reported results are presented in Table 1. The laboratory reports and chain of custody document are provided in Appendix B.

860-GALLON SOLVENT UST

A geophysical survey performed at the site on February 5, 1998 by Geo Recon International revealed that a UST was present in the northwest quadrant of the site. The presence of the tank was confirmed visually by QUEST using hand digging equipment. The tank was found at a depth of approximately 2.5 feet bgs.

During the week of March 16, 1998, Motion uncovered the UST in order to determine the size and contents of the tank. The tank capacity appeared to be approximately 860 gallons and was completely full of product and/or water. On March 24, 1998, QUEST responded to a call from the Department of Ecology indicating that residences near the site were complaining of odors. Apparently, a fitting on the tank was inadvertently broken off during uncovering activities and the small excavation had filled up with water from heavy precipitation. The tank appeared to be filled with water mixed with approximately 10% product. Laboratory analyses indicated the product in the tank was mineral spirits or stoddard solvent (little to no chlorinated compounds). Based on field indications, the release had apparently flowed out of the western edge of the UST basin onto the surface of the neighboring Unocal property. The release, though relatively minor, was primarily an odor nuisance. From March 24, 1998 through March 27, 1998, QUEST worked with Ecology and the Puget Sound Air Pollution Control Agency to rectify the odor problem at the site.

On March 24, 1998, surface soil containing solvent odors on the Unocal property was removed with a backhoe, transported to the subject site, and placed on plastic and covered. The stockpiled soil was sampled for analyses (STOCK). The contents of the UST and UST basin were pumped into 55-gallon drums and portions of the Unocal property and the subject site were covered with plastic. Soil samples (SS-1, SS-2, and

SS-3) were collected along the floor of the excavated areas on the Unocal to assess the presence or absence of solvents. The sample locations are presented on Figure 2

The soil stockpile sample (STOCK) was analyzed for Washington Total Petroleum Hydrocarbon Identification (HCID), gasoline range petroleum hydrocarbons according to Washington Total Petroleum Hydrocarbons as gasoline (WTPH-G), and halogenated volatile organic compounds according to EPA Method 8260. A summary of the laboratory reported results are presented in Table 2. The laboratory reports and chain of custody document are provided in Appendix B.

The water and product contained in the drums (approximately 900 gallons) were pumped by Philip Environmental on March 27, 1998 and transported to their treatment facility in Kent, Washington. On March 30, 1998, the soil which had been excavated from the Unocal site and stockpiled on the subject site was loaded into trucks and transported to TPS Technologies, Inc. in Tacoma, Washington for thermal treatment. Additional soil was excavated on the Unocal site on March 30, 1998. Soil sample SS-4 was collected at the base of the shallow excavation at a depth of approximately 1 foot bgs.

The 860-gallon steel solvent UST and associated piping were removed from the site by AD on March 30, 1998. The location of the UST is shown on Figure 2. UST removal activities were observed by a registered Site Assessor from QUEST.

Prior to removal, the remaining contents of the UST (water and solvent) were pumped into 55-gallon drums. The UST was then inerted by AD using dry ice and a representative from the Seattle Fire Department inspected the tank prior to removal. Once removed, the steel UST was inspected by QUEST and AD for signs of deterioration and/or holes. The UST possessed some rust, but no holes were observed.

Following removal of the 860-gallon UST, two other underground storage vessels were encountered. The vessels, located immediately south of the 860-gallon UST, were cone-shaped and approximately 175 to 200 gallon capacity. The contents of the vessels were pumped into seven 55-gallon drums and the vessels were removed. The drums were sampled for waste characterization purposes. Laboratory analyses conducted by Philip Environmental indicates that the contents of the seven drums are flammable and will require an EPA ID number before the material can be transported from the site. The solvent UST and vessels were removed from the site for cleaning and then transported to Everett Steel for recycling. Copies of UST removal/disposal documents are provided in Appendix A. The waste characterization profile is included in Appendix C.

SUMMARY AND CONCLUSIONS

No groundwater was observed in the 860-gallon UST basin to a depth of approximately 6 feet bgs. A soil sample was collected from below the former 860-gallon UST (FS@6'). The soil sample was collected using the bucket of the backhoe. During sampling, the soil was placed directly in laboratory supplied glass sample containers with Teflon® lined lids. Upon collection, the sample was sealed, labeled, and placed in an ice chest for cold storage during field work and transport. Soil sampling collection and handling procedures were performed in accordance with regulatory guidelines.

The samples were transported by QUEST under chain-of-custody documentation to CCI Analytical Laboratories, an independent analytical laboratory located in Everett, Washington. The soil sample (FS@6') was analyzed for gasoline range petroleum hydrocarbons according to WTPH-G and halogenated volatile organic compounds according to EPA Method 8260. A summary of the laboratory reported results are presented in Table 2. The laboratory reports and chain of custody document are provided in Appendix B.

- Laboratory reported results indicate that soil samples collected from the former 4,000-gallon PS-300 UST area (ASTOCK and BSTOCK) contain diesel and oil range petroleum hydrocarbon concentrations ranging from 148 to 650 ppm and Tetrachloroethene concentrations of 140 ppm (see Table 1 and laboratory report in Appendix B).
- Laboratory reported results indicate that a soil sample collected from below the former 860-gallon solvent UST (FS@6') contained gasoline range petroleum hydrocarbon (WTPH-G) concentrations of 16,000 ppm and Tetrachloroethene concentrations of 130 ppm (see Table 2 and laboratory report in Appendix B).
- Approximately 78 tons of soil containing non-chlorinated solvent (painter thinner) were excavated from the surface of the Unocal site and subject site and transported to TPS Technologies for thermal treatment. Soil samples SS-1 through SS-4 collected following excavation activities at the Unocal site showed that one soil sample (SS-4) contained WTPH-G concentrations of 210 ppm. No detectable or very low WTPH-G concentrations were reported in the other three soil samples.

SUMMARY AND CONCLUSIONS

The following summary and conclusions are based on the findings of the UST Removal Program conducted at 14 Roy Street in Seattle, Washington.

- One 4,000-gallon PS-300 UST, one 860-gallon non-chlorinated solvent UST (mineral spirits or stoddard solvent), two 175 to 200-gallon chlorinated solvent vessels, and associated piping were removed from the Site by AD on December 5, 1997 and March 30, 1998.
- No holes were found in the steel USTs and vessels removed from the site during this program. Considering that the USTs and vessels were full of mostly water and approximately 10% product at the time of removal, it is speculated that surface water entered through the top of the tanks and displaced the product.
- Soil beneath the Site consists of silt. Groundwater was observed at a depth of approximately 10 feet bgs. Visual or olfactory evidence of petroleum hydrocarbons and solvents were encountered in soil and water at each of the former UST and vessel locations.
- Laboratory reported results indicate that soil samples collected from the former 4,000-gallon PS-300 UST area (ASTOCK and BSTOCK) contain diesel and oil range petroleum hydrocarbon concentrations ranging from 148 to 650 ppm and Tetrachloroethene concentrations of 140 ppm (see Table 1 and laboratory report in Appendix B).
- Laboratory reported results indicate that a soil sample collected from below the former 860-gallon solvent UST (FS@6') contained gasoline range petroleum hydrocarbon (WTPH-G) concentrations of 16,000 ppm and Tetrachloroethene concentrations of 130 ppm (see Table 2 and laboratory report in Appendix B).
- Approximately 78 tons of soil containing non-chlorinated solvent (painter thinner) were excavated from the surface of the Unocal site and subject site and transported to TPS Technologies for thermal treatment. Soil samples SS-1 through SS-4 collected following excavation activities at the Unocal site showed that one soil sample (SS-4) contained WTPH-G concentrations of 210 ppm. No detectable or very low WTPH-G concentrations were reported in the other three soil samples.

- Approximately 500 gallons and 2,900 gallons of water mixed with an estimated 10% oil was pumped from the excavation and 3,000-gallon PS-300 UST, respectively for treatment at Marine Vacuum Service in Seattle.
- Approximately 900 gallons of water mixed with an estimated 10% non-chlorinated solvent were pumped by Philip Environmental and transported to their treatment facility in Kent, Washington.
- Seven drums of water mixed with chlorinated solvent are currently present at the site. Laboratory analyses conducted by Philip Environmental (Appendix C) indicates that the liquid contained in these drums are flammable and will require an EPA ID number before the material can be transported from the site.
- The UST excavations have been backfilled with existing and imported fill material.

STANDARD LIMITATIONS

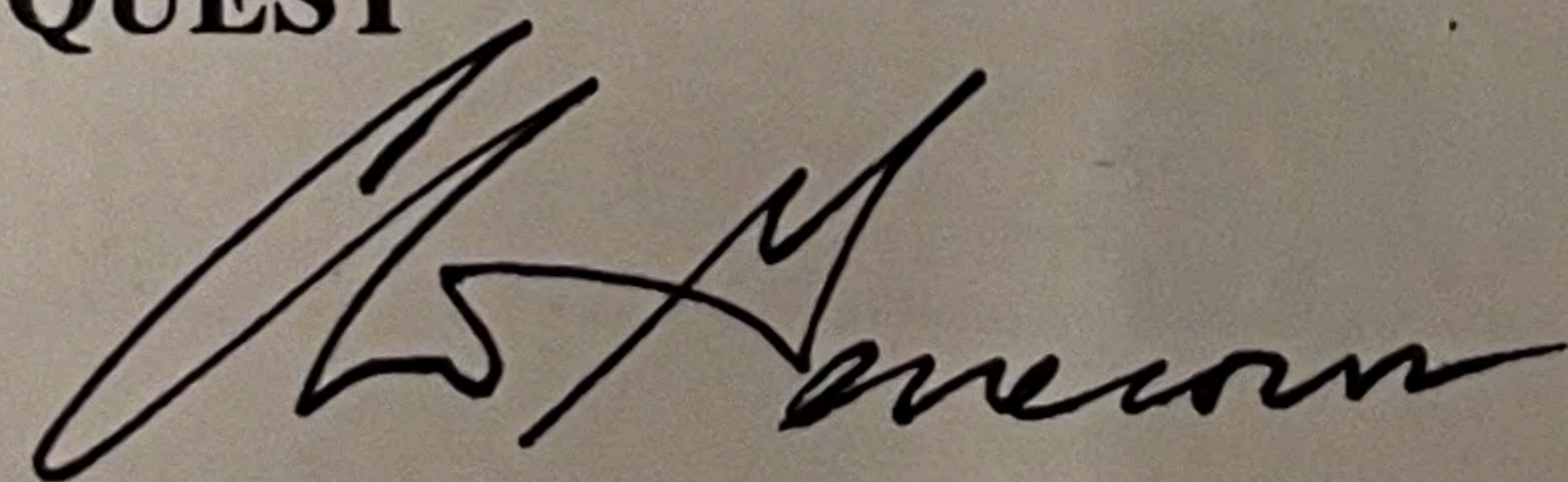
This report has been prepared for the use of Motion Financial Management, Inc. and their representatives for specific application to this site. Our professional services have been performed using that degree of care and skill ordinarily exercised under similar circumstances by other scientists, geologists, and engineers practicing in this field. No other warranty expressed or implied is made.

CLOSURE

QUEST appreciates the opportunity to be of service to you on this project. If you have any questions regarding this report, please contact the undersigned at (425) 337-3911.

Sincerely,

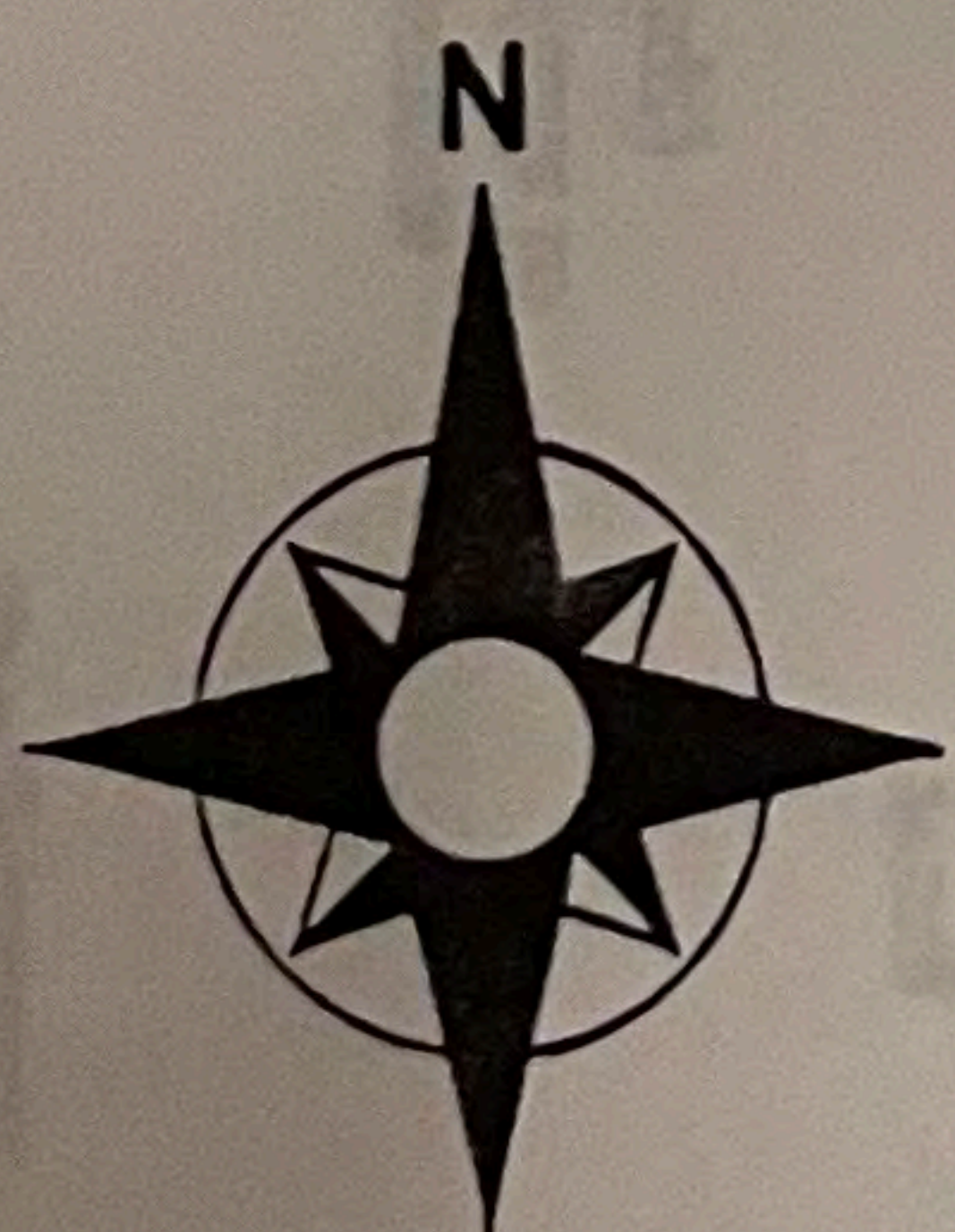
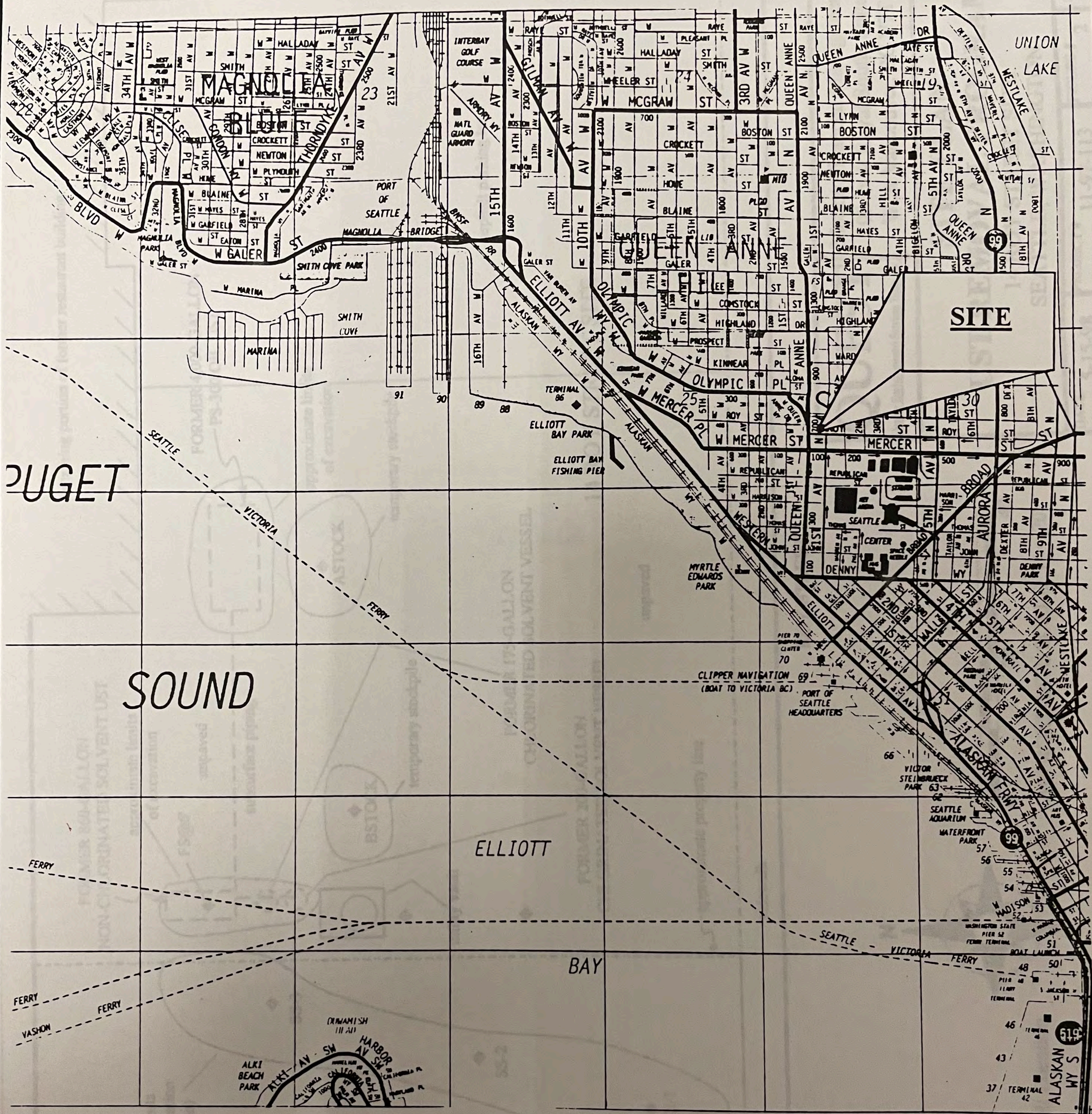
QUEST



Chris Generous
Principal Engineer
WA Site Assessor #947698036

attachments:

isaacs14.rpt



0 2400 4800
APPROXIMATE SCALE: 1" = 2,400'

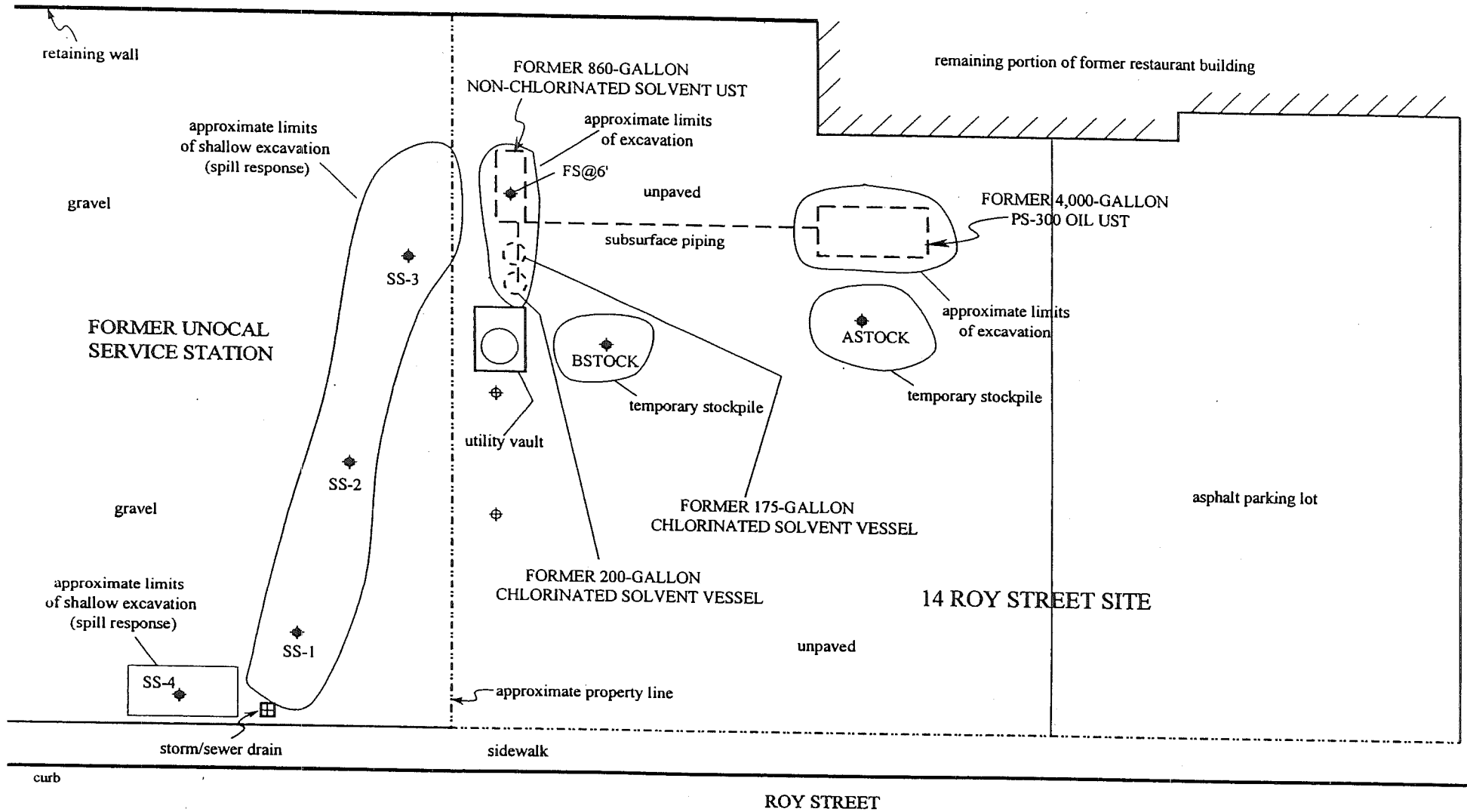
Reference: Thomas Bros. Maps, 1998

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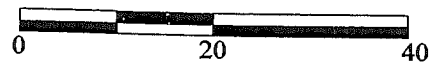
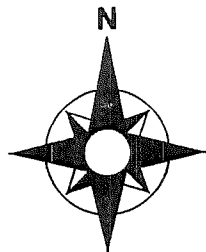
SITE LOCATION MAP
14 ROY STREET SITE
SEATTLE, WASHINGTON

DATE: 05-15-98	PROJECT # 11-97-113	FIGURE # 1	DRW. BY: CLG
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LEGEND

- ◆ Soil Sample Location
- ⊕ Groundwater Monitoring Well Location



APPROXIMATE SCALE: 1" = 20'

note: locations of structures are approximate

QUEST
Quality Environmental Services Team, Inc.

Motion Financial Management, Ltd.
100 Park Royal South, Suite 200
West Vancouver, BC V7T1A2

SITE PLAN UST REMOVAL PROGRAM

14 ROY STREET SITE
SEATTLE, WASHINGTON

DATE: 5-15-98

PROJECT # 11-97-113

FIGURE # 2

DRW. BY: CLG

RESULTS OF ANALYSIS OF WTPH IN OIL			
SAMPLES COLLECTED ON 11/16/82 AT THE OIL FIELD SITE			
14 ROYALTY STREET, SEATTLE, WASHINGTON			
SAMPLE	WTPH diesel range	WTPH oil range	Halogenated and Volatile Organics (2021)*
ASTOCK	148 ppm	166 ppm	cis-1,2-Dichloroethane = 0.712 ppm Tetrachloroethene (PCE) = 140 ppm Trichloroethene (TCE) = 0.956 ppm
BSTOCK	650 ppm	422 ppm	Tetrachloroethene (PCE) = 0.705 ppm
WATER			
TANKWATER	NA	NA	Benzene = 47.1 ppb n-Butylbenzene = 51.9 ppb cis-1,2-Dichloroethane = 14.5 ppb Ethylbenzene = 27.1 ppb Isopropylbenzene = 37.0 ppb p-Isopropyltoluene = 6.90 ppb Tetrachloroethene (PCE) = 9.35 ppb Toluene = 37.5 ppb Trichloroethene (TCE) = 6.08 ppb 1,2,4-Trimethylbenzene = 44.7 ppb 1,3,5-Trimethylbenzene = 20.5 ppb Vinyl chloride = 5.83 ppb m,p-Xylene = 52.2 ppb o-Xylene = 55.3 ppb
WTPH - Washington Total Petroleum Hydrocarbons NA - not analyzed ppm - parts per million or milligrams per kilogram or milligrams per liter ppb - parts per billion or micrograms per liter * Only the halogenated and volatile organic compound results that exceeded detection limits are presented			

**TABLE 1:
RESULTS OF CHEMICAL ANALYSES PERFORMED ON
SAMPLES COLLECTED DURING REMOVAL OF 4,000-GALLON PS-300 UST
14 ROY STREET SITE, SEATTLE, WASHINGTON**

SAMPLE	WTPH diesel range	WTPH oil range	Halogenated and Volatile Organics (8021)*
SOIL			
ASTOCK	148 ppm	166 ppm	cis-1,2-Dichloroethane = 0.712 ppm Tetrachloroethene (PCE) = 140 ppm Trichloroethene (TCE) = 0.956 ppm
BSTOCK	650 ppm	422 ppm	Tetrachloroethene (PCE) = 0.705 ppm
WATER			
TANKWATER	NA	NA	Benzene = 67.1 ppb n-Butylbenzene = 51.9 ppb cis-1,2-Dichloroethane = 14.5 ppb Ethylbenzene = 27.1 ppb Isopropylbenzene = 37.0 ppb p-Isopropyltoluene = 6.90 ppb Tetrachloroethene (PCE) = 9.35 ppb Toluene = 37.5 ppb Trichloroethene (TCE) = 6.08 ppb 1,2,4-Trimethylbenzene = 44.7 ppb 1,3,5-Trimethylbenzene = 20.5 ppb Vinyl chloride = 5.83 ppb m,p-Xylene = 52.2 ppb o-Xylene = 55.3 ppb
WTPH- Washington Total Petroleum Hydrocarbons NA - not analyzed ppm - parts per million or milligrams per kilogram or milligrams per liter ppb - parts per billion or micrograms per liter * only the halogenated and volatile organic compound results that exceeded detection limits are presented			

**TABLE 2:
RESULTS OF CHEMICAL ANALYSES PERFORMED ON
SAMPLES COLLECTED IN ASSOCIATION WITH 860-GALLON SOLVENT UST
14 ROY STREET SITE, SEATTLE, WASHINGTON**

SAMPLE	HCID	WTPH gas range	Halogenated and Volatile Organics (8260)*
SOIL			
STOCK	Gas > 20 ppb Diesel ND(<50) Oil ND (<100)	2,600 ppm	Acetone = 1.3 ppm Methylene Chloride = 0.080 ppm 2-Butanone = 0.300 ppm Tetrachloroethene (PCE) = 0.950 ppm M+P Xylene = 0.160 ppm 1,2,4-Trimethylbenzene = 5.7 ppm S-Butylbenzene = 0.940 ppm P-Isopropyltoluene = 0.860 ppm 1,2-Dichlorobenzene = 0.230 ppm Naphthalene = 0.260 ppm
FS @ 6' <i>850 gal mineral spirit Tank</i>	NA	16,000 ppm	Acetone = 0.610 ppm cis-1,2-Dichloroethene = 0.071 ppm Trichloroethene (TCE) = 0.960 ppm 1,2-Dichloropropane = 0.710 ppm Toluene = 0.100 ppm Tetrachloroethene (PCE) = 130 ppm Ethylbenzene = 0.093 M+P Xylene = 0.170 ppm N-Propylbenzene = 16 ppm 1,3,5-Trimethylbenzene = 22 ppm 1,2,4-Trimethylbenzene = 57 ppm S-Butylbenzene = 14 ppm P-Isopropyltoluene = 13 ppm N-Butylbenzene = 12 ppm Naphthalene = 0.200 ppm
SS-1	NA	9 ppm	NA
SS-2	NA	ND <20	NA
SS-3	NA	ND < 5	NA
SS-4	NA	210 ppm	NA

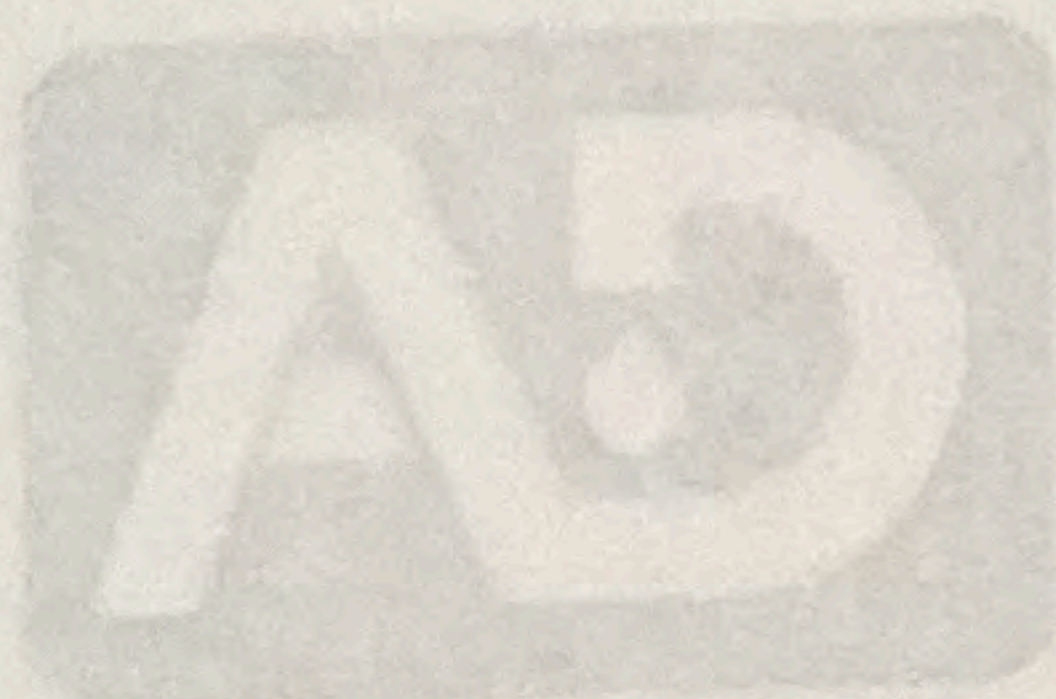
WTPH- Washington Total Petroleum Hydrocarbons

NA - not analyzed

ppm - parts per million or milligrams per kilogram or milligrams per liter

ppb - parts per billion or micrograms per liter

* only the halogenated and volatile organic compound results that exceeded detection limits are presented



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www.americandistributing.com • e-mail: oil@whiskey.net

DATE 12-5-97 PERMIT/RECEIPT # R971205-64782

RE: CERTIFICATION OF DECOMMISSIONING OF ABANDONED FUEL OIL TANK AT THE FOLLOWING LOCATION:

STREET 14TH AVE N AND ROY ST

CITY SEATTLE STATE WA ZIP 98109

COUNTY KING TANK SIZE 4000 GALLON HEATING OIL TANK

LOCATION OF TANK 25' W OF PARKING LOT, 30'S OF N PROPERTY LINE

APPENDIX A

DISPOSITION OF TANK FILLED WITH AN INERT SUBSTANCE

UST REMOVAL/DISPOSAL DOCUMENTS

 REMOVED

 PUMPED, RINSED, AND CAPPED

This job was completed in conformance with the Washington State tank decommissioning code. If tank has been removed American Distributing Co. takes full responsibility for the disposal of said tank.

Steve Miller

Steve Miller, IFCI#1059181-26
Decommissioning License Number

State of Washington
County of Snohomish

On this day personally appeared before me Steve Miller

to me know to be the individual who executed the foregoing statement given under by hand and seal this 3rd day of April, 1998

Shirley D. Gilbertson

Notary Public in and for the State of Washington

residing at Everett, WA



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DATE 12-5-97 PERMIT RECEIPT # R971205-64782

RE: CERTIFICATION OF DECOMMISSIONING OF ABANDONED FUEL OIL TANK AT THE FOLLOWING LOCATION:

STREET 14TH AVE N AND ROY ST

CITY SEATTLE STATE WA ZIP 98109

COUNTY KING TANK SIZE 4000 GALLON HEATING OIL TANK

LOCATION OF TANK 25' W OF PARKING LOT, 30'S OF N PROPERTY LINE

DISPOSITION OF TANK FILLED WITH AN INERT SUBSTANCE

XX REMOVED

 PUMPED, RINSED, AND CAPPED

This job was completed in conformance with the Washington State tank decommissioning code. If tank has been removed American Distributing Co. takes full responsibility for the disposal of said tank.

Steve Miller, IFCI#1059181-26
Decommissioning License Number

State of Washington
County of Snohomish

On this day personally appeared before me

to me know to be the individual who executed the foregoing statement given under by hand and seal this 3rd day of April, 1998.

, Notary Public in and for the State of Washington,

residing at Stanwood, WA



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3809 Broadway, Everett, WA 98201-5031 • (425) 252-2126 • Fax (425) 252-2128 • 1-800-579-6777

www.americandistributing.com • e-mail: oil@whidbey.net

DATE 3-30-98

PERMIT RECEIPT # R980206-72100

RE: CERTIFICATION OF DECOMMISSIONING AT THE FOLLOWING LOCATION:

STREET 14TH & ROY ST

CITY SEATTLE

STATE WA ZIP 98109

COUNTY KING

VESSEL #2 200 GALLON

LOCATION OF VESSEL #2 4' N OF STORM DRAIN

DISPOSITION OF VESSEL

 FILLED WITH AN INERT SUBSTANCE

XX REMOVED

 PUMP, RINSED, AND CAPPED

This job was completed in conformance with the Washington State tank decommissioning code. If tank has been removed, American Distributing Co. takes full responsibility for the disposal of said tank.

Steve Miller

Steve Miller, IFCI#1059181-26
Decommissioning License Number

State of Washington
County of Snohomish

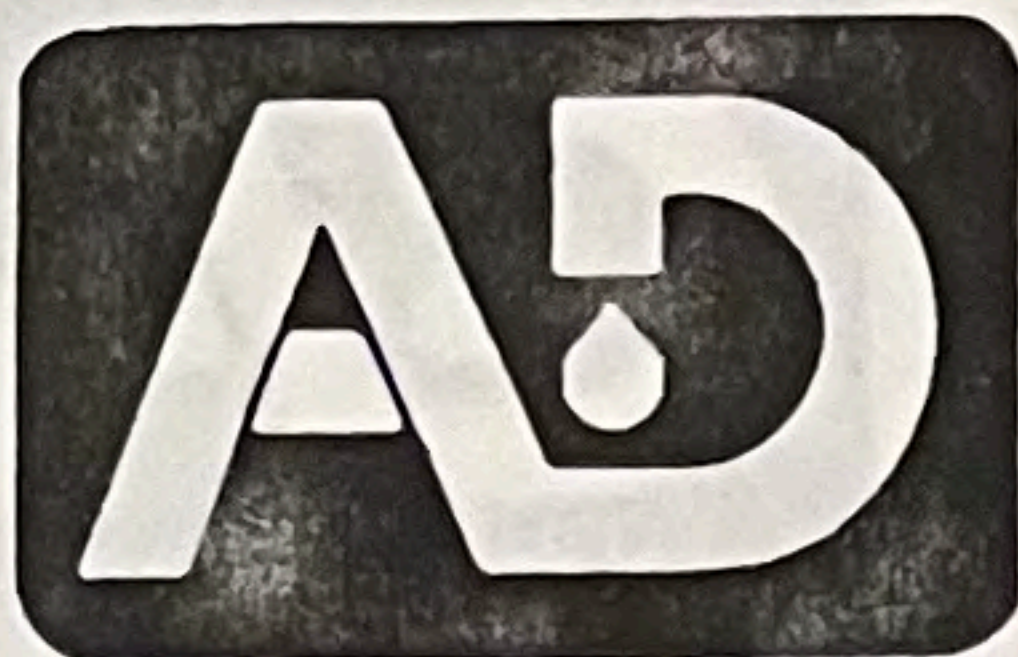
On this day personally appeared before me Steve Miller

to me known to be the individual who executed the foregoing statement given under by hand and seal

this 24th day of April, 1998.

Shirley D. Gilbertson, Notary Public in and for the State of Washington,

residing at Stanwood, WA.



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DATE 3-30-98

PERMIT RECEIPT # R980206-72100

RE: CERTIFICATION OF DECOMMISSIONING AT THE FOLLOWING LOCATION:

STREET 14TH ST & ROY ST

CITY SEATTLE

STATE WA ZIP 98109

COUNTY KING

VESSEL #1 175GALLON

LOCATION OF VESSEL #1 2' N OF STORM DRAIN

DISPOSITION OF VESSEL _____

FILLED WITH AN INERT SUBSTANCE

XX

REMOVED

PUMP, RINSED, AND CAPPED

This job was completed in conformance with the Washington State tank decommissioning code. If tank has been removed, American Distributing Co. takes full responsibility for the disposal of said tank.

Steve Miller

Steve Miller, IFCI#1059181-26
Decommissioning License Number

State of Washington
County of Snohomish

On this day personally appeared before me Steve Miller

to me known to be the individual who executed the foregoing statement given under by hand and seal

this 24th day of April, 1998.

Shirley D. Gilbertson, Notary Public in and for the State of Washington,

residing at Stanwood, WA.



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DATE 3-30-98

PERMIT RECEIPT #R980206-72100

RE: CERTIFICATION OF DECOMMISSIONING AT THE FOLLOWING LOCATION:

STREET 14TH AVE N & ROY ST

CITY SEATTLE

STATE WA

ZIP 98109

COUNTY KING

TANK 840 GALLON SOLVENT TANK

LOCATION OF TANK 10' N OF STORM DRAIN

DISPOSITION OF TANK

 FILLED WITH AN INERT SUBSTANCE

XX

REMOVED

 PUMP, RINSED, AND CAPPED

This job was completed in conformance with the Washington State tank decommissioning code. If tank has been removed, American Distributing Co. takes full responsibility for the disposal of said tank.

Steve Miller

Steve Miller, IFCI#1059181-26
Decommissioning License Number

State of Washington
County of Snohomish

On this day personally appeared before me

Steve Miller

to me known to be the individual who executed the foregoing statement given under by hand and seal

this 24th day of April, 1998

Shirley D. Gilbertson, Notary Public in and for the State of Washington,

residing at Stanwood, WA.

Your
Seattle
Fire Department

RECEIVED PERMIT DESK



APPLICATION FOR TEMPORARY PERMIT FEB 06 1998

Permit Code No.: 7908 Title: FLAMMABLE/COMBUSTIBLE LIQUID, COMMERCIAL TANK DECOMMISSIONING

Fee: \$98.00 Code Reference: SFC 7901.3

Date Received

Date Issued

Expire Date

Firm Name: American Dist Co.

Phone: 425-252-2126

Firm Address: 3809 Broadway

City: Everett

State: WA Zip: 98201

Job Site: 14th Ave N - Roy St

3111 N. Lynn - Corner of 1st & Roy

Person In Charge: Steve Miller

Phone: 425-252-2126

Number of Tank(s): 1

Tank Size(s): 8' Unknown

Product(s) Previously Contained: Fuel oil Heating oil

Hot Work: ☐ Yes ☒ No

☒ Removal

☐ Abandonment-in-Place

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: City of Seattle

Permit Conditions

1. **TANKS MAY BE REMOVED ONLY AFTER FIRE DEPARTMENT INSPECTION.**
2. Two (2) portable fire extinguishers with a minimum rating of 40 BC shall be on site within 50 feet 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 work is allowed on a tank unless the tank is certified "safe for hot work" by a marine chemist. A separate Fire Department permit (Code 4913) or a validation number is required for cutting and welding operations.

Special Permit Conditions: Must be removed from site by midnight.
76076 Co.

FMO USE

Receipt No.: 8980206-72100

Check No.: 5107

Rq File ID#: 23484

APPROVED BY

Inspector:

John Ramos FMO HAZ MAT

Date:

3/30/98

Your
Seattle
Fire Department



APPLICATION FOR TEMPORARY PERMIT

Permit Code No.: 7908 Title: FLAMMABLE/COMBUSTIBLE LIQUID, COMMERCIAL TANK DECOMMISSIONING

Fee: \$98.00 Code Reference: SFC 7901.3

12-5-97
Date Received

12-5-97
Date Issued

12-5-97
Expire Date
midnight

Firm Name: AMERICAN DIST. CO.

Phone: (425) 252-2124

Firm Address: 3809 BROADWAY

City: EVERETT

State: WA Zip: 98201

Job Site: 14 ROY ST.

Person In Charge: STEVE MILLER

Phone: (425) 252-2124

Number of Tank(s): UNKNOWN - 1 ?

Tank Size(s): UNKNOWN

Product(s) Previously Contained: BELIEVED TO BE (FUEL OIL) HEATING OIL

Hot Work: ☐ Yes ☒ No

☒ Removal ☐ Abandonment-in-Place

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Special Permit Conditions: NAC = max Vac

Back Reading + 60%

O.K. to Remove

FMO USE

Receipt No.: R97105-64782

WILL MAIL RECEIPT

Check No.: 4883

Rq File ID#:

APPROVED BY

Inspector:

Date:

ALMAJ

12-5-97

Invoice No: 15248

MARINE VACUUM SERVICE, INC.

MARINE & INDUSTRIAL TANK CLEANING

Remit To:

P.O. BOX 24263
SEATTLE, WA 98124

24 HOUR SERVICE
206-762-0240
FAX: 206-763-8084

QUEST
15823 60th DRIVE S.E.
SNOHOMISH WA 98296

Invoice Date: 12/12/97
Customer P.O.: 97-11-019
Job No: (PLACE)
Ordered By: CHRIS
Vessel/Location: 14 ROY STREET

Terms: Net 30 days, 1.5% charged on past due balance.

DATE	SERVICE DESCRIPTION	AMOUNT
12/05/97	PUMP UST & TRANSFER TO BAKER TANK. EQUIPMENT \$ LABOR SAFETY SUPPLIES	\$
12/05/97	PUMP BAKER TANK. EQUIPMENT \$ LABOR DISPOSAL: 4400 GAL WASTE WATER SAFETY SUPPLIES TRUCK CLEANING FEE WASTE PROFILE FEE	\$
SUBTOTAL:		\$
SALES TAX:		\$
INVOICE TOTAL:		\$

OIL SPILL ASSISTANCE

BILL OF LADING
PRODUCT TRANSPORT MANIFEST

MARINE VACUUM SERVICE INC.
24 HOUR EMERGENCY PHONE NUMBER (206) 762-0240

TRUCK NUMBER 02 DATE 12-05-97

TO
DESTINATION

FROM
SHIPPER

NAME MARINE VACUUM

NAME QUEST U.S.T.

STREET 1516 S GRAHAM ST

STREET 1ST & ROY

CITY/STATE SEATTLE WA 98108

CITY/STATE SEATTLE WA

QUANTITY	PROPER SHIPPING NAME	UN (PLACARD) NUMBER
<u>4400</u>	<u>PS. 300 & WATER</u>	<u>N/A</u>

SHIPPER

DATE

DRIVER

DATE

NOTE:

PG 1 - M.V.S.

PG 2 - DESTINATION

PG 3 - SHIPPER

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB no. 2050-0039. Expires 9-30-99

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No EXE		Manifest Document No. 31185		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.						
		3. Generator's Name and Mailing Address QUEST, INC. ROY SITE CLEAN-UP ROY ISAAC - OWNER 14TH & ROY STREET		4. Generator's Phone SEATTLE WA 98108 (425)337-3911		5. Transporter 1 Company Name Burlington Environmental, Inc.		6. US EPA ID Number WAR0000001743						
7. Transporter 2 Company Name		8. US EPA ID Number		9. Designated Facility Name and Site Address HURLINGTON ENVIRONMENTAL, INC. KENT 20245 77TH AVENUE SOUTH KENT , WA 98032		10. US EPA ID Number WAD991281767		A. State Manifest Document Number						
						B. State Generator's ID		C. State Transporter's ID						
						D. Transporter's Phone (253) 383-3044		E. State Transporter's ID						
						F. Transporter's Phone		G. State Facility's ID						
						H. Facility's Phone (253) 872-8030								
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers		13. Total Quantity		14. Unit		15. Waste No.						
a. Combustible liquid, n.o.s. (STODDARD SOLVENT MIXTURE) Combustible liquid NA1993 PGIII ERG1(128)		No. Type 1 TT		1,000		G								
b.														
c.														
d.														
J. Additional Descriptions for Materials Listed Above a) 103519-00 - - WATER WITH STODDARD SOLVENT - HAZARDOUS MATERIAL (1)						K. Handling Codes for Wastes Listed Above a)								
15. Special Handling Instructions and Additional Information														
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.														
Printed/Typed Name [Signature]					Signature CHRIS GENEROS					Month Day Year 03 27 98				
17. Transporter 1 Acknowledgement of Receipt of Materials														
Printed/Typed Name Scott Weed					Signature Scott Weed					Month Day Year 03 27 98				
18. Transporter 2 Acknowledgement of Receipt of Materials														
Printed/Typed Name					Signature					Month Day Year				
19. Discrepancy Indication Space														
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.														
Printed/Typed Name [Signature]					Signature [Signature]					Month Day Year 03 27 98				

Manifest

TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:

Responsible for Payment:
Consultant

Transporter Truck #:

Facility #:
A03

Given by TPS:
01662

Load #
001

Generator's Name and Billing Address:

RON ISAACS
100 PARK ROYAL SOUTH
SUITE 200

CAN

Generator's Phone #:

(604) 926-1642

Generator's US EPA ID No.

Person to Contact:

RON ISAACS

FAX#:

Customer Account Number with TPS:

3RISAAC

Consultant's Name and Billing Address:

QUEST, INC.
15823 60TH DR SE
SNOHOMISH, WA 98296

USA

Consultant's Phone #:

(425) 337-3911

Person to Contact:

CHRIS GENEROUS

FAX#:

(425) 338-0579

Customer Account Number with TPS:

1002068

Generation Site (Transport from): (name & address)

14 ROY STREET SITE
14 ROY STREET

SEATTLE, WA 00000

USA

Site Phone #:

BTEX
Levels

Person to Contact:

TPH
Levels

FAX#:

AVG.
Levels

Designated Facility (Transport to): (name & address)

TPS Technologies Inc.
2800 - 104th Street Court South
Lakewood, WA 98444-6766

USA

Facility Phone #:

(253) 584-8430

Person to Contact:

Renee Avelino

FAX#:

(253) 584-8309

Facility Permit Numbers

Transporter Name and Mailing Address:

JLA CONSTRUCTION
17404 MERIDIAN EAST
SUITE #F121
PUYALLUP, WA 98375

USA

Transporter's Phone #:

(253) 846-2485

Person to Contact:

SCOTT TALERICO

FAX#:

(253) 846-2563

Transporter's US EPA ID No.:

Transporter's DOT No.:

Customer Account Number with TPS:

3JLACON

Description of Soil

Moisture Content

Contaminated by:

Approx. Qty:

Description of Delivery

Gross Weight

Tare Weight

Net Weight

Sand ☐ Organic ☐
Clay ☐ Other ☐

0 - 10% ☐
10 - 20% ☐
20% - over ☐

Gas ☐
Diesel ☐
Other ☐

116860 38160 78700

Sand ☐ Organic ☐
Clay ☐ Other ☐

0 - 10% ☐
10 - 20% ☐
20% - over ☐

Gas ☐
Diesel ☐
Other ☐

NET TONS= 39.35

List any exception to items listed above:

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name:

Generator ☐

Consultant ☐

Signature and date:

Month Day Year

Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:

MERLIN ALLEN

Signature and date:

Merlin Allen

Month Day Year
3 30 98

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:

RENEE AVELINO - CSM

Signature and date:

Rebecca Lippin 3/30

Please print or type.

TPS INVOICING COPY

Manifest

TPS Technologies Soil Recycling

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment: 0	Responsible for Payment: Consultant	Transporter Truck #:	Facility #: A03	Given by TPS: 01662	Load # 002																								
Generator's Name and Billing Address: RON ISAACS 100 PARK ROYAL SOUTH SUITE 200 CAN		Generator's Phone #: (604) 926-1642		Generator's US EPA ID No.																									
		Person to Contact: RON ISAACS																											
		FAX#:		Customer Account Number with TPS: 3RISAAC																									
Consultant's Name and Billing Address: QUEST, INC. 15823 60TH DR SE SNOHOMISH, WA 98296 USA		Consultant's Phone #: (425) 337-3911																											
		Person to Contact: CHRIS GENEROUS																											
		FAX#: (425) 338-0579		Customer Account Number with TPS: 1002068																									
Generation Site (Transport from): (name & address) 14 ROY STREET SITE 14 ROY STREET SEATTLE, WA 00000 USA		Site Phone #:		BTEX Levels																									
		Person to Contact:		TPH Levels																									
		FAX#:		AVG. Levels																									
Designated Facility (Transport to): (name & address) TPS Technologies Inc. 2800 - 104th Street Court South Lakewood, WA 98444-6766 USA		Facility Phone #: (253) 584-8430		Facility Permit Numbers																									
		Person to Contact: Renee Avelino																											
		FAX#: (253) 584-8309																											
Transporter Name and Mailing Address: JLA CONSTRUCTION 17404 MERIDIAN EAST SUITE #F121 PUYALLUP, WA 98375 USA		Transporter's Phone #: (253) 846-2485		Transporter's US EPA ID No.:																									
		Person to Contact: SCOTT TALERICO		Transporter's DOT No.:																									
		FAX#: (253) 846-2563		Customer Account Number with TPS: JLACON																									
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	Print or Type Name: SHANE ARMENTA		Signature and date: Shane Armenta Month 3 Day 30 Year 98																										
Recycling Facility	Discrepancies:																												
	Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:																												
Print or Type Name: RENEE AVELINO - CSM		Signature and date: Rebecca Huggins 3/30																											