Glitsa American Inc
Seattle
LUST 3910

UST 6178

UNDERGROUND STORAGE TANK REMOVAL & LIMITED CLEANUP ACTION

Former Glitsa, Inc. Property
327 South Kenyon Street
Seattle, Washington

TENOR COMPANY, LLC.

ENVIRONMENTAL
ASSOCIATES, INC.

1380 - 112th Avenue Northeast, Suite 300
Bellevue, Washington 98004
(425) 455-9025 Office
(888) 453-5394 Toll Free
(425) 455-2316 Fax

April 1, 2009 JN-28275-2

Mr. Duane Bartel
Tenor Company, LLC.
1313 Washington Street
Sumner, Washington 98390

Subject: **Underground Storage Tank Removal & Limited Cleanup Action**
Former Glitsa, Inc. Property
327 South Kenyon Street
Seattle, Washington

Dear Mr. Bartel:

Environmental Associates, Inc. (EAI) has observed the decommissioning and removal of a 7,500-gallon mineral spirits underground storage tank (UST) from the above referenced property located in Seattle, Washington. Following removal of the UST, EAI observed the over-excavation of readily accessible petroleum contaminated soil (PCS) and completed an environmental assessment of soil exposed at the base and final sidewalls of the resulting excavation, following Washington State Department of Ecology (WDOE) UST site assessment protocols. This letter report summarizes our approach to the project along with results and conclusions.

Scope of Work

To address the Client's interests, the following scope of work was implemented:

- Observe the removal of a 7,500-gallon mineral-spirits (stoddard solvent) UST by Global Diving and Salvage, Inc. (Tank removal contractor independently hired by the Client).
- Observe the over-excavation of petroleum contaminated soil following removal of the UST.
- Collection and analysis of cleanup confirmation soil samples.

- Prepare a summary letter report documenting the methodology employed along with findings, conclusions, and recommendations.

Site Location

The subject property is located in the South Park industrial district south of downtown Seattle, Washington at the approximate location depicted on Plate 1, Vicinity / Topographic Map. Plate 2, Site Plan, depicts the general layout of the subject and surrounding parcels. The property is bounded to the north by South Kenyon Street and to the east by a gravel-pavement extension of 5th Avenue South. The parcel is bounded on the west by Highway 99. An asphalt roofing contractor occupies the south-adjacent parcel.

Land use in the vicinity of the subject site is commercial / industrial.

UST History

The approximate location of the 7,500-gallon mineral spirt (stoddard solvent) UST is denoted in red off the east side of the subject property warehouse building on Plate 2, Site Plan. Relying upon information provided by the client, it is EAI's understanding that the UST may have been installed by a former owner of the property (Farwest Paint), and that the tank was used by Farwest to store mineral spirits (petroleum-based solvent) up through approximately 1978 when Glitsa began operating at the property.

Glitsa reportedly evaluated the possibility of either removing or closing the tank in place between 1992 and 1995. During that period, the tank was reportedly pumped and cleaned and three (3) holes were drilled through the tank by Bison Environmental Northwest, Inc. (Bison) in an effort to make an assessment of the environmental quality of the surrounding soil. Of the three (3) soil samples collected by Bison in 1992, one of those samples (collected from near the west end of the tank) was found to contain mineral spirits at a concentration of 3,700 parts per million (ppm), which was above the Washington Department of Ecology's (WDOE's) target compliance level of 100 ppm for gasoline- range petroleum hydrocarbons. The tank was apparently neither removed nor filled in place with inert material at that time.

The release from the UST suggested by the contaminants in soil was reported to the Washington State Department of Ecology (WDOE). The WDOE has assigned the subject site Facility ID#63168342 and UST Site ID#6178. According to the WDOE's database, the release from the UST was reported on September 2, 1992 and assigned Release # 3910. The current status of the UST in the WDOE's UST database is erroneously listed as "closed in place." The status of the 1992 release is listed as "cleanup started."

Underground Tank Removal

As discussed earlier, the tank had originally been pumped and rinsed of residual product back in 1992 when the parties involved with the property at that time had begun the process of attempting to close the UST in place. Again that process was never completed. The holes cut in the bottom to allow for sampling during the 1990's assessment allowed the UST to fill with shallow groundwater. During the current tank closure, Global reported pumping approximately 1,500 gallons of water from the UST.

On March 3, 2009, EAI visited the subject site to observe the removal of the solvent tank following sign off on the removal permit by the Seattle Fire Marshall's field inspector. To remove the UST, Global excavated and removed the overburden soil and proceeded to excavate along the south side and west end of the tank. After sufficient earth pressure was removed, the tank was chained up through its lifting tabs and hoisted from the excavation (Plate 4, Site Photographs).

Upon removal the tank was measured and inspected. The tank was constructed of single-wall steel and had an approximate diameter and length of 8 feet by 20 feet, which would correspond to a tank with a capacity of 7,500 gallons. The tank was moderately rusted, however, with the exception of the sampling holes made in the 1990's, no other readily visible holes due to corrosion were observed on the tank.

The tank was loaded onto a flat bed truck and removed from the site for final disposal as scrap metal.

The client advised EAI that the historic location of a product dispenser potentially associated with that UST is not known. During the UST removal the product line was traced to the building exterior wall where it rose above ground and entered through the side of the building, just behind an existing electrical transformer. Inside the building, the product line is capped off at an upward pointing 90-degree bend in the pipe that appears to suggest that the product line was above-ground within the subject building.

Subsurface Soil Conditions and Sample Collection

Soils exposed in the tank removal excavation consisted of an upper 6 to 7 feet clayey silts, which were overlying a black, fine grained sand. Strong mineral spirit odors were noted in soil exposed in the tank removal excavation. Seeps of groundwater were noted in the base of the excavation following the UST removal, however groundwater levels did not significantly rise above the base of the removal excavation.

From the previous site explorations by EAI in December 2008, the presence of stoddard solvent impacted soil was expected. Field observations suggested that the source of the solvent release may have been associated with leakage along the short section of product line that lead from the west end of the UST to the wall of the subject building. In this area solvent-impacted soil was observed beginning within a couple feet of the ground surface (at the elevation of the product line) and extending downward to the shallow water table at approximately 9 feet. Soils around the western ½ of the UST appeared to have been impacted by the release as well, whereas soils exposed around the eastern ½ of the UST appeared to be relatively free of impacts.

Over-Excavation of Contaminated Soil

On March 3, 2009, approximately 120 tons of suspected stoddard-solvent contaminated soil was excavated and transported to Waste Management's Seattle transfer station. Soils above the shallow water table and off the east, middle south, and middle north ends of the tank excavation appeared to be potentially free of impact by the release of stoddard solvent. Soils exposed at the west end of the excavation still appeared to contain significantly elevated concentrations of stoddard solvent.

In order to assess the progress of the remedial soil excavation, soil samples were collected from the mid point of each sidewall (N-6, S-6, E-6, and W-4). A soil sample was also collected from the base of the excavation below the water table (B-12). A field composite soil sample was also collected from the overburden soil that had been excavated to facilitate the removal of the UST (sample PCS-1) The approximate locations of the sidewall and excavation floor samples are depicted on Plate 3, Exploration Plan

In an effort to minimize the loss of volatile organic compounds, all soil samples were collected, stored, and transported to the project laboratory, in accordance with EPA method 5035A (WDOE Memorandum #5).

Initial Laboratory Analysis & Results

The six (6) initial soil samples were submitted to the project laboratory and analyzed for mineral spirits (stoddard solvent) by Washington State Department of Ecology (WDOE) test method NWTPH-Dx and for BTEX (benzene, toluene, ethylbenzene, xylene) by EPA Method 8021B.

As presented in Table 1, of the six (6) initial samples only the west wall sample (W-4) and the composite overburden sample (PCS-1) contained stoddard solvent at concentrations above the WDOE target compliance level of 100 parts per million (ppm). The west sidewall sample (W-4) contained 19,000 ppm and the composite overburden sample (PCS-1) contained 2,000 ppm stoddard solvent. In addition to stoddard solvent, ethylbenzene was present in the west-sidewall sample (W-4) at a concentration of 23 ppm, which is above the WDOE target compliance level of 6 ppm. Additionally both the west sidewall sample and the composite overburden sample contained xylene at concentrations of 40 ppm and 11 ppm, both above the target compliance level of 9 ppm.

A copy of the laboratory report is included as Appendix-A.

Follow-Up Over-Excavation of Contaminated Soil

On March 5, 2009, EAI and Global returned to the site to remove additional soil from the west end of the excavation. The extension of the excavation to the west was restricted by the proximity of the building foundation and a ground-mounted electrical transformer. An additional approximate 58 tons of contaminated soil was excavated and transported to Waste Management for disposal.

In total 178.38 tons of stoddard-solvent impacted soil was transported and disposed of at Waste Management. Copies of soil disposal tickets are included in Appendix-C.

Following excavation of the remaining accessible soil, three (3) additional soil samples were collected to document soil conditions at the final limits of excavation. These samples were collected in the northwest corner of the excavation (RE-NW-6), the center of the west sidewall (RE-W-6) and southwest corner of the excavation (RE-SW-6).

The above three (3) soil samples were submitted to the project laboratory and analyzed for stoddard solvent and BTEX compounds.

Cleanup Confirmation Laboratory Analysis & Results

As presented in Table 1, the additional follow-up soil sample from the northwest corner of the excavation only contained a trace detection of xylene at 0.61 ppm, well below the 9 ppm target compliance level. The remaining two (2) west-end samples contained stoddard solvent at concentrations of 4,100 ppm (RE-W-6) and 4,700 ppm (RE-SW-6), both of which exceed the WDOE target compliance level of 100 ppm. Those two samples also contained concentrations of ethylbenzene and/or xylene above WDOE target levels.

A copy of the laboratory report is included as Appendix-A.

Site Restoration

The excavation was backfilled with "clean" imported 2" by 4" quarry spalls and type 17 gravel "pit run." During backfilling, perforated PVC pipe was laid out in three (3) pipe runs through the excavation as depicted on Plate 3, Exploration Plan and Plate 5, Site Photographs. These pipe runs were installed in the event that property ownership may desire to apply remediation enhancing compounds to the former tank excavation to help stimulate remediation of the groundwater. Alternatively, these pipe runs could also be used in the future as part of a vacuum extraction system.

Conclusions and Summary Observations

Relying upon the results of the observations and testing performed to date, it appears that the former use and storage of petroleum-based mineral spirits (stoddard solvents) resulted in the environmental impairment of soil and groundwater on the subject property. The following observations are made:

- The source of the release appears to have been leakage along the short length of product line leading from the UST to the east side wall of the subject building.

- While the UST has been removed along with approximately 178 tons of stoddard-solvent impacted soil, the presence of the existing subject property building and a ground-mounted transformer prevented removal of all of the contaminated soil above the water table. Stoddard-solvent contaminated soil remains in place along the west-sidewall of the remedial excavation. The red-tinted area presented on Plate 3, Exploration Plan presents a very preliminary conceptualization of the possible lateral extent of the remaining area of impacted soil above the shallow water table. The area in red tinting represents a volume of soil of approximately 40 cubic yards (~ 66 tons). Additional soil borings inside the subject building would be required to verify / refine this preliminary estimate. At an approximate cost of $100/ ton, this remaining volume of soil may represent a liability of approximately $6,600. This cost estimate is limited to the physical cost in today's dollars for excavating and disposing of that material and replacing it with clean imported fill soil in the event that the existing building is ever removed allow access to that soil. The cost estimate does not include potential costs associated with any impacts this material may have (if any) on the shallow groundwater.

- Although not sampled as part of this current phase of study, EAI's December 2008 site explorations confirmed the presence of stoddard solvent contaminated groundwater immediately west of the UST at monitoring well MW-1 (removed during UST excavation) and to the south of the UST at monitoring well MW-4. Two other monitoring wells (MW-2 and MW-3) installed on-site by EAI in December 2008 contained trace detections of stoddard solvent at concentrations below WDOE target compliance levels. The locations of the remaining monitoring wells are depicted on Plate 3, Exploration Plan. The full lateral extent of the impacted groundwater has not been defined. The installation of one or more additional groundwater wells may be warranted further to the south and possibly to the west of the existing study area to evaluate the lateral limits of the impacted groundwater.

- A "smear zone" of stoddard-impacted soil likely exists at the water table, extending down gradient and within a "diffusive fringe" around the tank removal excavation. A "smear zone" is created when the petroleum solvent, which is lighter than water, accumulates at the top of the water table and sorbs onto soil as the water table rises and falls in elevation during the year in response to changes in rainfall infiltration rates.

Impacted soils within a "smear zone" can continue to act as a secondary source allowing contaminants to re-dissolve into the groundwater. Further assessment of the lateral limits of the impacted groundwater to the south and west would be of substantial value in evaluating the potential lateral extent of the smear zone, which in turn, will have implications for finalizing a remediation plan.

Recommendations

As alluded to above, the full lateral extent of the environmental impairment to groundwater and, by implication, impacted-soil along the smear-zone, has not been established. Therefore recommendations for a specific remedial action at this juncture are still somewhat premature. With that limitation in mind, the following recommendations are made in the spirit of moving forward along the pathway to resolution of the known environmental impairments.

1. Complete limited additional site assessment targeted at evaluating the lateral limits of the impacted soil above the water table (area depicted in red tinting on Plate 3, Exploration Plan) and installing one or more additional groundwater monitoring wells to the south and possibly west of the existing study area. A preliminary cost estimate for this proposed scope of work is $6,200.

2. Finalize a remediation / management plan, based upon the findings from the additional assessment referenced above. Although it may be premature to put fourth a specific remediation plan, in broad generalities the following options may ultimately be applicable to this site:

    - *Groundwater Monitoring Only (Minimalist Approach)*. The minimalist approach may simply be to monitor the network of wells for positive signs of "natural attenuation." Provided the remediation efforts were successful in removing the bulk of source soil, the environmental quality of groundwater at the tank excavation and down-gradient from it may naturally improve over time. Such an approach would also satisfy WDOE minimum requirements for monitoring environmental impairments at the property. The WDOE generally considers groundwater to have been successfully remediated when four (4) consecutive quarters of groundwater monitoring demonstrating continued compliance have been achieved. Typically the network of monitoring wells would initially be sampled on a quarterly basis (4 times a year) for the first year or two, then if it appears that longer term monitoring may be required, the interval between sampling events could be increased to semi-annual monitoring or eventually longer intervals. Once the first "compliant" result is obtained, reverting back to quarterly monitoring for that well may be warranted to establish the four quarters of compliance.

The success and timeliness of the "minimalist" approach would obviously depend upon numerous factors such as the lateral extent of the impact, and the degree to which the wedge of impacted soil against the east side of the building may continue to impact the underlying groundwater. The greater the distance impacted groundwater has moved from the source area, the longer it may take for "natural attenuation" to achieve site-wide compliance. If the groundwater monitoring does not demonstrate a significant decreasing trend or if the decreasing trend is not deemed to be occurring quick enough, it could then become necessary to consider implementing alternative approaches that would artificially enhance or actively remediate residual concentrations of contaminants. In terms of projecting potential costs for the minimalist (monitoring only) scenario, momentarily assuming approximately 5 monitoring wells sampled quarterly for two years, followed by an additional 3 years of semi-annual monitoring, could yield an approximate cost between $20,000 to $25,000 over that five-year period (approximately $1,400 to $1,800 per monitoring event).

- *Enhanced / Active Remediation*. Depending upon the lateral extent of the impact and/or possible desires by the Client to achieve compliance objectives in a more timely manner than simply waiting for natural attenuation to take its course, a variety of remediation technologies could be considered for this site. A very brief discussion of a couple more common approaches are presented below.

  A. Apply oxygen releasing compound. Commercially available oxygen releasing compounds (ORC) have been fairly successful at significantly reducing hydrocarbon concentrations dissolved in groundwater or sorbed to soil within the "smear zone" The ORC is a powder that is mixed with water to produce a thin liquid slurry that can be pumped or gravity drained through the perforated piping that was installed in the tank excavation during backfilling (see lower photo - Plate 5). If impacted groundwater extends significantly away from the tank excavation, it may be advantageous to further augment the excavation application of ORC with a grid-injection of ORC. With a grid injection, a push-probe drill rig is used to pump ORC into the subsurface through soil borings that are completed in a grid-pattern over the area of impacted groundwater. Typically the spacing between injection borings is less than 10 feet. Grid injections could also be used to attempt to reduce contaminant mass within the wedge of impacted soil off the west end of the excavation (Red tinted area on Plate 3, Exploration Plan).

Very preliminary cost ranges for applying ORC at this site may be on the order of $17,500 to $26,750 (apply at excavation only) to $34,250 to $60,000 (excavation, plus grid injection). Again, these costs are very preliminary and will depend highly upon the actual lateral limits of the groundwater plume and average contaminant concentrations across the plume. Minimum time lines for achieving some degree of success may be approximately 2-years.

B. Vapor Extraction (At Excavation Only). Acknowledging the volatile nature of the mineral spirits, operating a vapor extraction system (VES) may also be practical approach to reducing residual contaminant mass in the smear zone soils and possibly portions of the wedge of impacted soil suspected to partially underlie the adjacent subject building (Red tinted area on Plate 3, Exploration Plan). The area of treatment would likely be limited to the immediate vicinity (10 to 20 foot radius) of the UST removal excavation Under this scenario, a small scale vapor extraction unit could be purchased and/or possible rented and operated for several months to extract vapor (contaminant mass) from the excavation through the installed perforated pipe. Such a system is typically most effective during the first 3 to 6 months, with increasing diminishing cost/benefit returns thereafter. Operating a VES requires a permit from the regional air quality agency. Other permits including electrical, mechanical (sewer connection) may also be required. Arrangements would also have to be made to house the mechanical equipment, which could include a temporary trailer or shed set up either outside or inside the subject building. Very preliminary costs for installing and operating a VES may be on the order of $25,000 to $30,000. As with the ORC option, this cost range includes a minimum of 2-years of associated groundwater monitoring.

For either of the above preliminary scenarios, actual costs and time lines for achieving project compliance goals will depend upon a variety of factors, and will not be precisely known until project completion.

3. Lastly, to achieve lawful compliance with Washington State environmental regulations (Chapter 173-340-300, WAC), copies of this report along with any previous / future reports regarding the environmental conditions thus far encountered should be forwarded to the Department of Ecology by the property owner/facility operator.

Limitations

This report has been prepared for the exclusive use of Tenor Company, LLC., along with their several representatives, for specific application to this site. Our work for this project was conducted in a manner consistent with that level of care and skill normally exercised by members of the environmental science profession currently practicing under similar conditions in the area, and in accordance with the terms and conditions set forth in our proposal PR-28275-2 dated March 2, 2009. The opinions expressed in this report are based upon interpretations, observations and testing made at separated sampling locations and conditions may of course vary between those localities or at other locations, media, or depths. Discussions regarding tentative potential future assessment / remediation costs and time lines have been provided for conceptual planning purposes only and do not constitute a bid from EAI to complete the work. No other warranty, expressed or implied, is made. If new information is developed in future site work that may include excavations, borings, studies, etc., Environmental Associates, Inc., must be retained to reevaluate the conclusions of this report and to provide amendments as required.

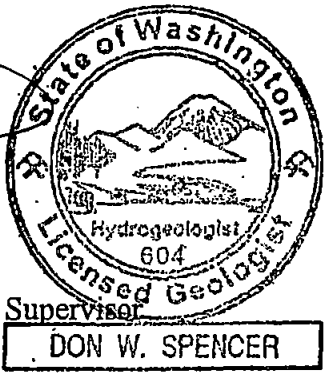
We appreciate the opportunity to be of service on this assignment. If you have any questions or if we may be of additional service, please do not hesitate to contact us.

Robert B. Roe, M. Sc., LHG.
Project Manager / Hydrogeologist

Licence: 1125 (Washington)

Don W. Spencer, M.Sc., P.G., R.E.A.
Principal

Registered Site Assessor/Licensed UST Supervisor
State Certification #0878545-U7



License: 604 (Washington)
License: 11464 (Oregon)
License: 876 (California)
License: 5195 (Illinois)
License: 0327 (Mississippi)

ATTACHMENTS

Tables

Table 1: Petroleum Hydrocarbons - Soil Sampling Results

Plates

Plate 1: Vicinity / Topographic Map
Plate 2: Site Plan
Plate 3: Exploration Plan
Plate 4: Site Photographs
Plate 5: Site Photographs

Appendix

Appendix-A Laboratory Reports
Appendix-B Permits & WDOE Forms
Appendix-C Soil Disposal & Backfill Importation Documents

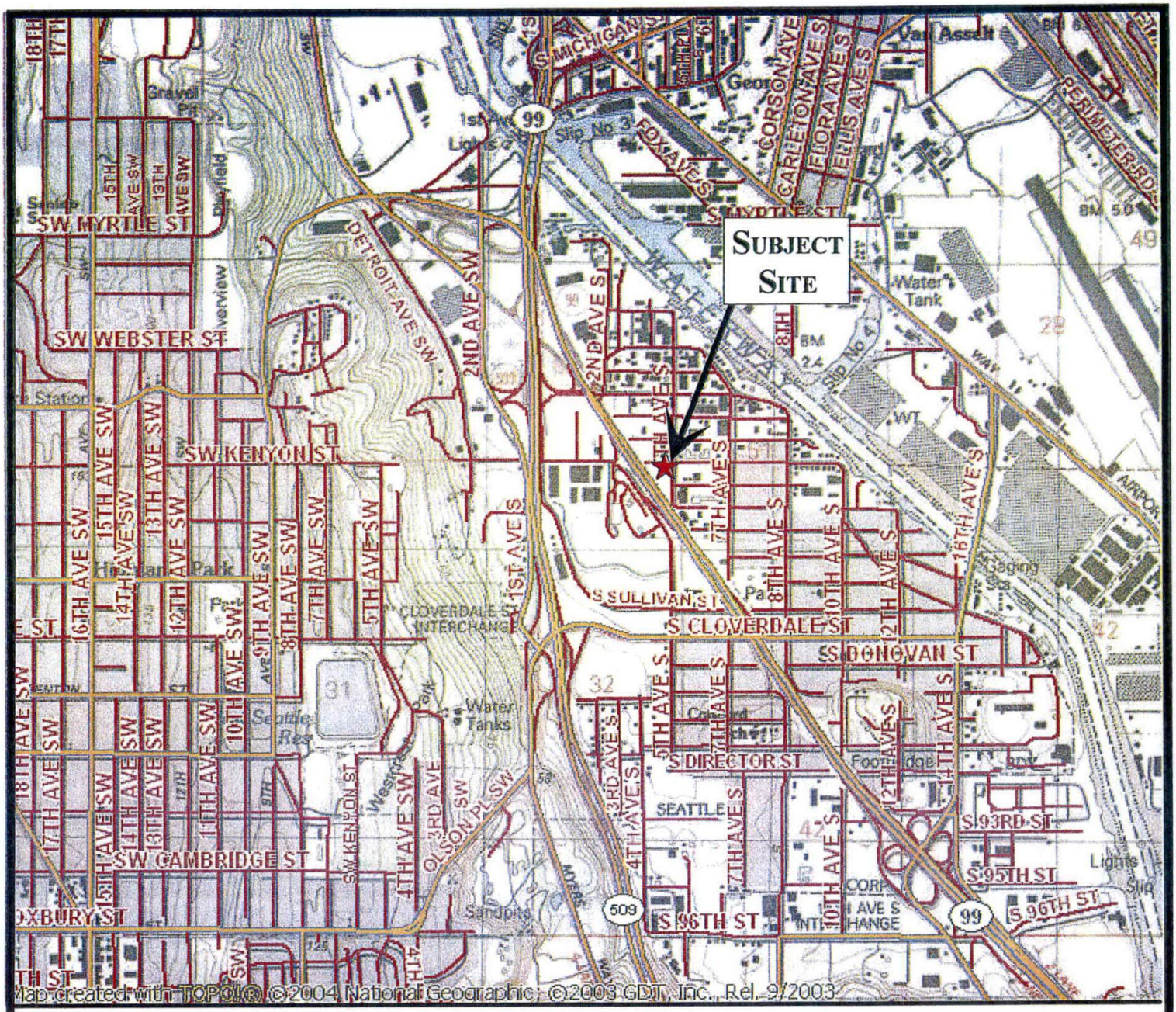
TABLE 1 - Petroleum Hydrocarbons - Soil Sampling Results
All results and limits in parts per million (ppm)

Sample Name	Location & Depth	Stoddard Solvent (mineral spirits)	Benzene	Toluene	Ethylbenzene	Total Xylenes
Samples Collected at Final Limits of Excavation						
B-12	Base of excavation @ 12 ft	<50	<0.02	<0.02	0.04	0.18
N-6	North Sidewall @ 6 ft	<50	<0.02	<0.02	0.15	0.39
E-6	East Sidewall @ 6 ft	<50	<0.02	<0.02	<0.02	<0.06
S-6	South Sidewall @ 6 ft	<50	<0.02	<0.02	0.37	1.2
RE-W-6	Final - West Sidewall @ 6 ft	***4,100***	<0.02	<0.02	4.1	***25***
RE-SW-6	Final - Southwest Corner @ 6 ft	***4,700***	<0.02	0.20	***9.6***	***17***
RE-NW-6	Final - Northwest Corner @ 6 ft	<50	<0.02	<0.02	<0.02	0.61
Interim Samples from Soil Excavated For Off-Site Disposal						
W-4	Initial West Side-Wall @ 4 ft	***19,000***	<0.2	<0.2	***23***	***40***
PCS-1	Composite - Suspect PCS	***2,000***	<0.02	0.06	3.1	***11***
	Reporting Limit [3]	1	0.02	0.02	0.02	0.06
	WDOE Target Compliance Level[4]	**100**	**0.03**	**7**	**6**	**9**

Notes:
1 - "ND" denotes analyte not detected at or above listed Reporting Limit.
2- "NA" denotes sample not analyzed for specific analyte.
3- "Reporting Limit" represents the laboratory lower quantitation limit.
4- Method A soil cleanup levels as published in the Model Toxics Control Act (MTCA) 173-340-WAC.
5- The MTCA gasoline TPH cleanup level is 30 ppm for soils with benzene otherwise it is 100 ppm.

PCS - Petroleum Contaminated Soil.

Bold and Italics denotes concentrations above MTCA Method A soil cleanup levels.



LEGEND:

★ **Approximate Site Location**

N

Scale

0 *1/2* *1 mile*

Contour Interval: 5 Meters

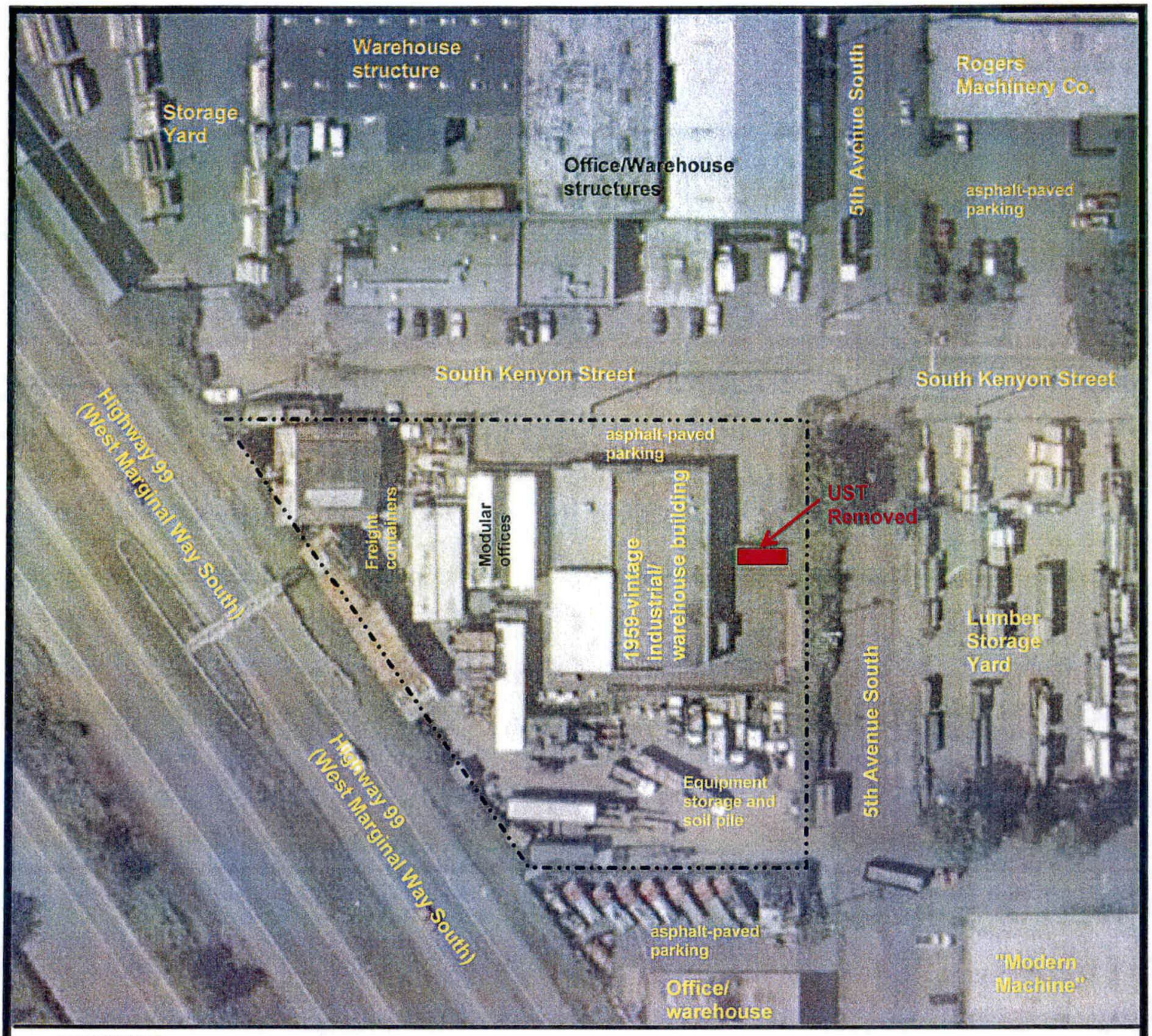
ENVIRONMENTAL ASSOCIATES, INC.

1380- 112th Avenue N.E., Ste. 300
Bellevue, Washington 98004

VICINITY/TOPOGRAPHIC MAP

Former Glitsa, Inc. Property
327 South Kenyon Street
Seattle, Washington

Job Number:	*Date:*		*Plate:*
JN 28275-2	March 2009		1



LEGEND:

Approximate limits of subject parcel.

2002-Dated Image
(Source: U.S. Geological Survey)

N

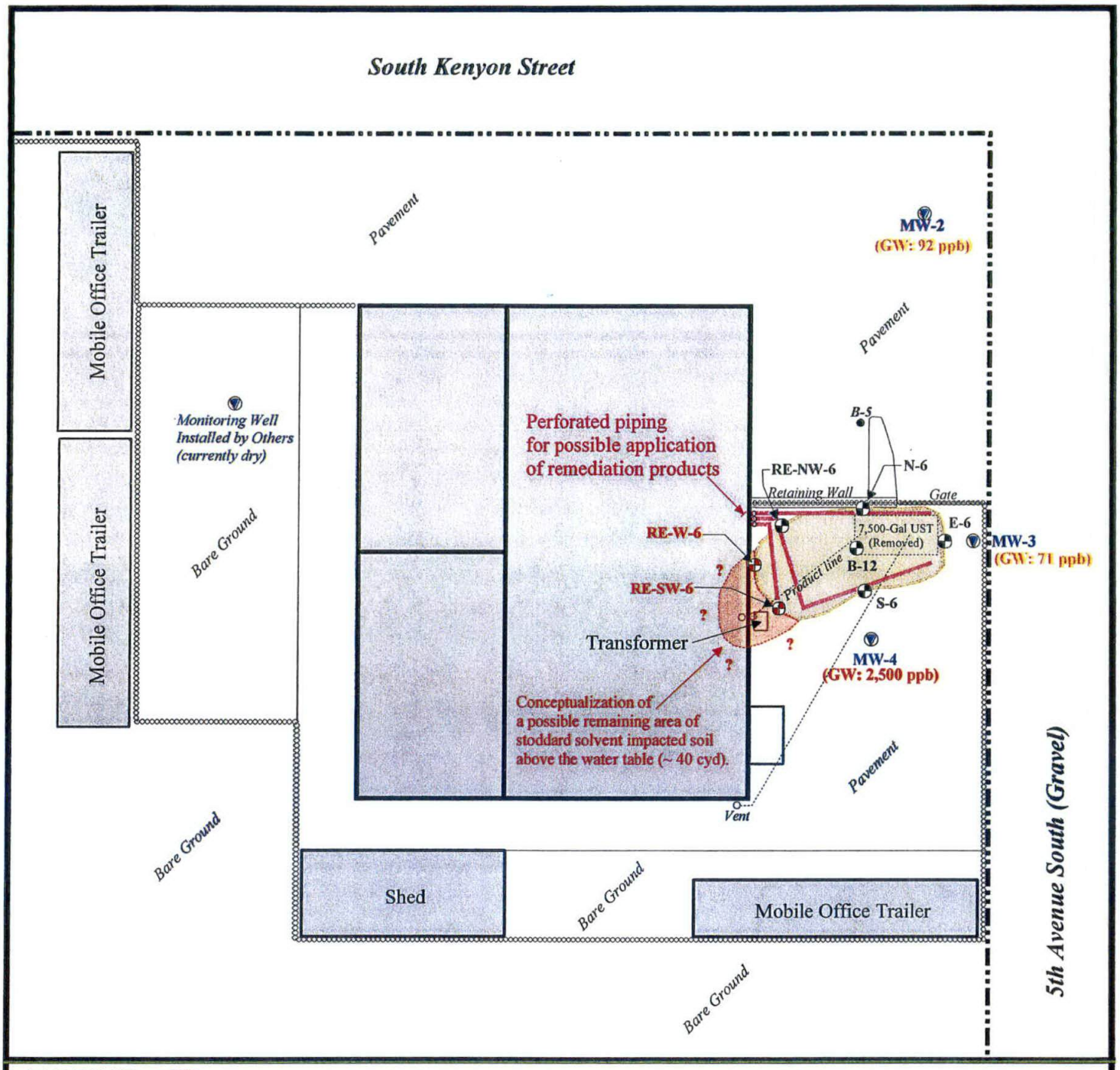
ENVIRONMENTAL ASSOCIATES, INC.

1380 - 112th Avenue N.E., Ste. 300
Bellevue, Washington 98004

SITE PLAN

Former Glitsa, Inc. Property
327 South Kenyon Street
Seattle, Washington

Job Number:	*Date:*		*Plate:*
JN 28275-2	March 2009		2



LEGEND

Approximate limits of soil excavation associated with removal of the 7,500-gallon stoddard solvent UST and over excavation of stoddard-impacted soil.

N

Soil samples collected from the base and sidewalls of the tank removal excavation. Red denotes locations where samples contained stoddard solvent above WDOE target compliance levels.

Approximate locations of monitoring wells completed by EAI, unless otherwise noted. Red denotes locations where groundwater contained stoddard solvents above WDOE target compliance levels. Orange denotes locations where stoddard solvent was detected in groundwater but at levels below WDOE compliance limits.

ENVIRONMENTAL ASSOCIATES, INC.

1380 - 112th Avenue Northeast, Suite 300
Bellevue, Washington 98004

EXPLORATION PLAN

Former Glitsa, Inc. Property
327 South Kenyon Street
Seattle, Washington

Job Number	Date	Scale	Plate
JN-28275-2	March 2009	1"=30'	3

View of the 7,500-gallon stoddard solvent UST as it was being lifted from the excavation.

View of the UST being positioned for loading onto a flat bed truck for transportation off site.

ENVIRONMENTAL ASSOCIATES, INC.

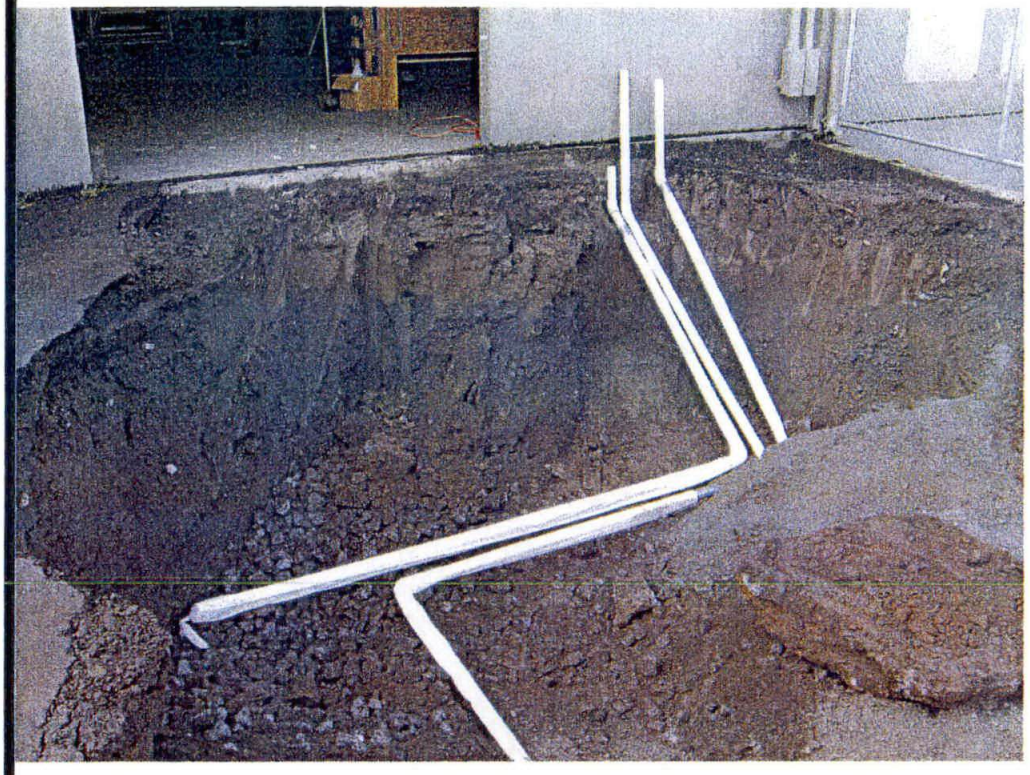
1380 - 112th Avenue N.E., Suite 300
Bellevue, Washington 98004

SITE PHOTOGRAPHS

Former Glitsa, Inc. Property
327 South Kenyon Street
Seattle, Washington

Job Number:	*Date:*		*Plate:*
JN-28275-2	March 2009		4

View of the final limits of excavation. Importation of back-fill is visible in the foreground.



View of perforated pipes placed in the excavation for potential use to apply remediation compounds and/or vacuum extract solvent vapors.

ENVIRONMENTAL ASSOCIATES, INC.

1380 - 112th Avenue N.E., Suite 300
Bellevue, Washington 98004

SITE PHOTOGRAPHS

Former Glitsa, Inc. Property
327 South Kenyon Street
Seattle, Washington

Job Number:	*Date:*		*Plate:*
JN-28275-2	March 2009		5

APPENDIX -A

Laboratory Reports

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

March 9, 2009

Rob Roe, Project Manager
Environmental Associates, Inc.
1380 112th Ave. NE, 300
Bellevue, WA 98004

Dear Mr. Roe:

Included are the results from the testing of material submitted on March 3, 2009 from the EAI-JN-28275-2 (Bartel), F&BI 903027 project. There are 6 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
EAI0309R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on March 3, 2009 by Friedman & Bruya, Inc. from the Environmental Associates, Inc. EAI-JN-28275-2 (Bartel), F&BI 903027 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Environmental Associates, Inc.
903027-01	B-12
903027-02	N-6
903027-03	E-6
903027-04	S-6
903027-05	W-4
903027-06	PCS-1

All quality control requirements were acceptable.

Date of Report: 03/09/09
Date Received: 03/03/09
Project: EAI-JN-28275-2 (Bartel), F&BI 903027
Date Extracted: 03/03/09
Date Analyzed: 03/04/09 and 03/05/09

RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES USING EPA METHOD 8021B

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (% Recovery) (Limit 50-132)
B-12 903027-01	<0.02	<0.02	0.04	0.18	102
N-6 903027-02	<0.02	<0.02	0.15	0.39	124
E-6 903027-03	<0.02	<0.02	<0.02	<0.06	88
S-6 903027-04	<0.02	<0.02	0.37	1.2	ip
W-4 d 903027-05 1/10	<0.2	<0.2	23	40	ip
PCS-1 d 903027-06 1/10	<0.02	0.06	3.1	11	ip
Method Blank	<0.02	<0.02	<0.02	<0.06	99

Date of Report: 03/09/09
Date Received: 03/03/09
Project: EAI-JN-28275-2 (Bartel), F&BI 903027
Date Extracted: 03/03/09
Date Analyzed: 03/04/09

RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS STODDARD SOLVENT USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Stoddard Solvent Range (C_8-C_{11})	Surrogate (% Recovery) (Limit 67-127)
B-12 903027-01	<50	80
N-6 903027-02	<50	81
E-6 903027-03	<50	81
S-6 903027-04	<50	79
W-4 903027-05	19,000	86
PCS-1 903027-06	2,000	81
Method Blank	<50	81

Date of Report: 03/09/09
Date Received: 03/03/09
Project: EAI-JN-28275-2 (Bartel), F&BI 903027

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES USING EPA METHOD 8021B

Laboratory Code: 903024-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	mg/kg (ppm)	<0.02	<0.02	nm
Toluene	mg/kg (ppm)	0.08	0.07	13
Ethylbenzene	mg/kg (ppm)	0.33	0.29	13
Xylenes	mg/kg (ppm)	0.43	0.37	15

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	100	66-121
Toluene	mg/kg (ppm)	0.5	92	72-128
Ethylbenzene	mg/kg (ppm)	0.5	100	69-132
Xylenes	mg/kg (ppm)	1.5	96	69-131

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 – More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

fc – The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j – The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

Date of Report: 03/09/09
Date Received: 03/03/09
Project: EAI-JN-28275-2 (Bartel), F&BI 903027

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS STODDARD SOLVENT USING METHOD NWTPH-Dx

Laboratory Code: 903027-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Stoddard Solvent	mg/kg (ppm)	5,000	<50	91	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Stoddard Solvent	mg/kg (ppm)	5,000	93	91	70-130	2

16,002T Rob @ Environmental Associates **SAMPLE CHAIN OF CUSTODY** ME 3/3/09 VSI / A03

Page # _____ of _____

Bill Send Report To _____

Client Company Duane Bartel / Tenor Co., LLC

Address 1313 Washington St

City, State, ZIP Sumner, WA 98390

Phone # (206) 321-5565 Fax # _____

SAMPLERS (Signature) [signature]

PROJECT NAME/NO. EAI-JN-28275-2 (Bartel)

PO #

REMARKS

TURNAROUND TIME
- ☐ Standard (2 Weeks)
- ☒ RUSH 24-hour

Rush charges authorized by: _____

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Return samples
- ☐ Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED: TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Stoddard					Notes
B-12	01A-B	3/3/09		Soil	2			X				X					
N-6	02A-B				2			X				X					
E-6	03A-B				2			X				X					
S-6	04A-B				2			X				X					
W-4	05A-B				2			X				X					
PCS-1	06A-B	↓		↓	2			X				X					

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: [signature]	Robert Roe	EAI	3/3/09	3:40 PM
Received by: [signature]	Michael Erdahl	FEBruc	1	1
Relinquished by:				
Received by:				

Samples received at 6 °C

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

March 10, 2009

Rob Roe, Project Manager
Environmental Associates, Inc.
1380 112th Ave. NE, 300
Bellevue, WA 98004

Dear Mr. Roe:

Included are the results from the testing of material submitted on March 5, 2009 from the EAI-JN-28275-2 (Bartel), F&BI 903053 project. There are 6 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
EAI0310R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on March 5, 2009 by Friedman & Bruya, Inc. from the Environmental Associates, Inc. EAI-JN-28275-2 (Bartel), F&BI 903053 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Environmental Associates, Inc.
903053-01	Re-W-6
903053-02	Re-SW-6
903053-03	Re-NW-6

All quality control requirements were acceptable.

Date of Report: 03/10/09
Date Received: 03/05/09
Project: EAI-JN-28275-2 (Bartel), F&BI 903053
Date Extracted: 03/06/09
Date Analyzed: 03/06/09

RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES USING EPA METHOD 8021B

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (% Recovery) (Limit 50-150)
Re-W-6 d 903053-01 1/10	<0.02	<0.02	4.1	25	ip
Re-SW-6 d 903053-02 1/10	<0.02	0.20	9.6	17	ip
Re-NW-6 903053-03	<0.02	<0.02	<0.02	0.61	111
Method Blank	<0.02	<0.02	<0.02	<0.06	98

Date of Report: 03/10/09
Date Received: 03/05/09
Project: EAI-JN-28275-2 (Bartel), F&BI 903053
Date Extracted: 03/06/09
Date Analyzed: 03/06/09

RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS STODDARD SOLVENT USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

Sample ID Laboratory ID	Stoddard Solvent Range (C_8-C_{11})	Surrogate (% Recovery) (Limit 67-127)
Re-W-6 903053-01	4,100	88
Re-SW-6 903053-02	4,700	87
Re-NW-6 903053-03	<50	89
Method Blank	<50	90

Date of Report: 03/10/09
Date Received: 03/05/09
Project: EAI-JN-28275-2 (Bartel), F&BI 903053

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES USING EPA METHOD 8021B

Laboratory Code: 903051-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	mg/kg (ppm)	<0.02	<0.02	nm
Toluene	mg/kg (ppm)	0.04	0.04	0
Ethylbenzene	mg/kg (ppm)	0.06	0.05	18
Xylenes	mg/kg (ppm)	0.08	0.08	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	96	70-130
Toluene	mg/kg (ppm)	0.5	88	70-130
Ethylbenzene	mg/kg (ppm)	0.5	98	70-130
Xylenes	mg/kg (ppm)	1.5	93	70-130

Date of Report: 03/10/09
Date Received: 03/05/09
Project: EAI-JN-28275-2 (Bartel), F&BI 903053

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS STODDARD SOLVENT USING METHOD NWTPH-Dx

Laboratory Code: 903053-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Acceptance Criteria
Stoddard Solvent	mg/kg (ppm)	5,000	<50	99	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Stoddard Solvent	mg/kg (ppm)	5,000	97	97	70-130	0

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 – More than one compound of similar molecule structure was identified with equal probability.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte indicated may be due to carryover from previous sample injections.

d - The sample was diluted. Detection limits may be raised due to dilution.

ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - The analyte indicated was found in the method blank. The result should be considered an estimate.

fc – The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - The sample was extracted outside of holding time. Results should be considered estimates.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j – The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The pattern of peaks present is not indicative of diesel.

y - The pattern of peaks present is not indicative of motor oil.

903053 Rob / Environmental / Assoc

SAMPLE CHAIN OF CUSTODY

ME 03/05/09 VSI / AOI

Send Report To

Company Duane Bartel / Tenor Co., LLC

Address 1313 Washington St

City, State, ZIP Sumner, WA 98390

Phone # (206) 321-5565 Fax #

SAMPLERS (signature) Robert B Roe

PROJECT NAME/NO. EMI-JN-28275-2 (Bartel)

PO #

REMARKS

Page # of

TURNAROUND TIME
- ☐ Standard (2 Weeks)
- ☐ RUSH 48-hour

Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Return samples
- ☐ Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED: TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Stoddard					Notes
Re-W-6	01A-B	3/5/09		Soil	2			X				X					
Re-SW-6	02A-B	"		"	2			X				X					
Re-NW-6	03A-B	"		"	2			X				X					

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Robert B Roe	Robert Roe	EMI	3/5/09	3:26 PM
Received by: Khan Phan	Khan Phan	FCBI	3/5/09	3:25 pm
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COC.DOC

APPENDIX -B

Permits & WDOE Forms

NWRO-King

WASHINGTON STATE DEPARTMENT OF ECOLOGY

UNDERGROUND STORAGE TANK

30 DAY NOTICE

See back of form for instructions

FOR OFFICE USE ONLY
Site ID #: LE178
FS ID #: LE3110 8342

RECEIVED
JAN 06 2009
DEPT OF ECOLOGY
Toxics Cleanup Program

Please ✓ the appropriate box: ☐ Intent to Install ☒ Intent to Close ☐ Both

Site Information

UBI Number N/A

Site/Business Name GUITSA AMERICAN

Site Address 327 S. KENYON (Street)

City/State SEATTLE WA

Zip Code 98110 Telephone (206) 321-5505

Owner Information

(This form will be returned to this address)

UST Owner/Operator DUANE BARTEL

Mailing Address 327 S. KENYON (Street)

(P.O. Box)

City/State SEATTLE WA 98108

Zip Code 98108 Telephone (206) 321-5505

Tank Installation Company (if known). Fill out this section ONLY if tanks are being installed.

Service Company _____ Contact Name _____

Address _____ (Street) (P.O. Box)

_____ Telephone (___) _____

City State Zip Code

Tank Permanent Closure Company (if known). Fill out this section ONLY if tanks are being closed.

Service Company GLOBAL DIVING & SALVAGE Contact Name CHRIS STOKES

Address 3340 W. MARGINAL WAY SW (Street)

SEATTLE WA 98106 (P.O. Box) Telephone (206) 623-2021

City State Zip Code

Tank Closure Information

Fill out this section ONLY if tanks are being 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
N/A	JAN 2009	8000	DIESEL/WASTE OIL	1977	NO	1992

Tank Installation Information

Fill out this section ONLY if tanks are being installed.

Tank ID	Approx. Install Date

To receive this document in an alternate format, contact the TOXICS CLEANUP PROGRAM at 360-407-7170 (VOICE) or 1-800-833-6388 or 711 (TTY)
ECY 020-95 (Rev. 01-06)

LE178

SOUND TESTING, INC
P.O. BOX 16204 SEATTLE, WA 98116
(206) 932-0206 FAX (206) 937-3848

MARINE CHEMIST CERTIFICATE

SERIAL № 45334

GLOBAL DIVING (Survey Requested by)	GLOBAL (Vessel Owner or Agent)	3 MAR 2009 (Date)
UST (Vessel)	UST (Type of Vessel)	5TH AVE S. & S. KENYON ST. (Specific Location of Vessel)
~~DIESEL~~ MIXED SPILLS X3 (Last Three (3) Loadings)	VOLM, O_2, LEL, CO, H_2S, TVE (Tests Performed)	0830 HRS (Time Survey Completed)

~6000 GALLON UST

ATMOSPHERE SAFE FOR WORKERS

SAFE FOR HOT WORK

SAFE FOR EXCAVATION

SAFE FOR TRANSPORTATION

[O_2 = 20.9 ± 0.1 %, LEL = 0 ± 1%, CO & H_2S = 0 ± 2 ppm, TVE = 0 ± 1 ppm]

In the event of any physical or atmospheric changes adversely affecting the gas-free condition of the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist.

QUALIFICATIONS: Transfer of ballast or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or reissue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS

SAFE FOR WORKERS. Means that in the compartment or space so designated (a) the oxygen content of the atmosphere is at least 19.5 percent by volume, and that, (b) toxic materials in the atmosphere are within permissible concentrations, and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate

NOT SAFE FOR WORKERS. Means that in the compartment or space so designated, the requirements of Safe for Workers has not been met.

SAFE FOR HOT WORK: Means that in the compartment so designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks, or lube oil tanks, or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

NOT SAFE FOR HOT WORK. Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met

CHEMIST'S ENDORSEMENT This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under Section 2-6 of NFPA 306 and understands conditions and limitations under which it was issued."

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed _____ (Name) GLOBAL (Company) 3 MAR 09 (Date)

Signed _____ (Marine Chemist) Certificate No. #088

DIVING

CMAC 206-313-6933

VESSEL POSTING

Your
Seattle
Fire Department

TUESDAY 3/3/09 9:30AM

APPLICATION FOR TEMPORARY PERMIT

Code 7908 Commercial Tank Removal/Decommissioning

Permit Fee: $181.00

Date Issued: 3-3-09

Tank(s) must be removed from site same day as permit issued!

TO BE COMPLETED BY PERMIT APPLICANT (PLEASE PRINT)

FIRM NAME GLOBAL DIVING & SALVAGE

MAILING ADDRESS 3840 W MARGINAL W/ SW SUITE

CITY SEATTLE STATE WA. ZIP 98106

OPERATION ADDRESS 327 S. KENYON

CONTACT PERSON CHRIS STOKES PHONE NUMBER (206) 730-9367

Number of Tank(s): 1 Tank Size(s): 6,000 ☐ Aboveground tank

Product(s) Previously Contained: MINERAL SPIRITS / H_2O ☒ Underground tank

☒ Removal (Marine Chemist inspection and certificate required for all tanks regardless of size or contents)

☐ Abandonment-in-Place (Marine Chemist certificate required for tanks previously containing Class I flammable liquids and unknowns)

Hot work being conducted?: ☒ No ☐ Yes (If yes, a separate hot work permit is required)

Please include a check made payable to the CITY OF SEATTLE with this application.

Permit applications may be submitted in person weekdays from 8:00 a.m. to 4:30 p.m., or mailed to:

Seattle Fire Department
Fire Marshal's Office—Permits
220 Third Avenue South, Second Floor
Seattle, WA 98104-2608

Permit processing: (206) 386-1025
www.seattle.gov/fire

Call 386-1450, at least 24 hours prior to needed inspection time to arrange for an appointment.

TANKS MAY BE REMOVED/DECOMMISSIONED ONLY AFTER FIRE DEPARTMENT INSPECTION

No hot work is allowed on a tank system prior to issuance of this Fire Department permit!

Permission is hereby granted to remove or decommission the tank(s) identified in this permit in accordance with the attached conditions, all noted special conditions, and all applicable provisions of the Seattle Fire Code, federal, state and local regulations. **THIS PERMIT IS NULL AND VOID IF PERMIT CONDITIONS ARE NOT ATTACHED**

Special permit conditions: _____

FMO USE
Receipt No.: 5-151283
Check No.: 70919
Application ID#: 75332

APPROVED BY
Inspector: RICHARD HONDA SFD ID# 1119
Name of Marine Chemist C. TRETTWICK Certificate # 45334
Date: 3-3-09

(1/09)

APPENDIX -C

Soil Disposal & Backfill Importation Documents

WASTE MANAGEMENT, INC ....NON HAZARDOUS WASTE DISPOSAL SOLUTIONS FOR THE PACIFIC NORTHWEST

Alaska Street Reload and Recycling

70 South Alaska Street, Seattle Washington 98106

Profile # 101540WA

PERMIT TO DISPOSE OF NON-HAZARDOUS MATERIALS

This permit authorizes disposal of Customer's waste materials in accordance with the Industrial Waste & Disposal Services Agreement dated ___*6/03*_____.

EXPIRES: 3/3/10

GENERATOR: TENOR COMPANY, INC.

DESCRIPTION:*PCS*	VOLUME:*150 tons*
☐DRUMS ☐BR ☒ADC ☐CLEAN UP	
LOCATION: *SEATTLE, WASHINGTON* *327 S. KENYON STREET*	COUNTY:* *King*
CONTACT: *KRISTOFER LINDBERG*	PHONE: *206-623-0621*
	FAX: *206-932-9036*
Recertification: ☐Yes ☐No	

BILLING: *GLOBAL DIVING AND SALVAGE*	PO#: *N/A*	JOB#: *N/A*

TYPE OF DISPOSAL/SPECIAL HANDLING: *BULK, ADC*
MB *KN* *MH* *MW*

APPROVED: KQ *KRISTIN CASTNER* DATE: *03/03/09 10:01:41 AM*

A COPY OF THIS PERMIT MUST BE SHOWN BY EACH DRIVER

PROJECTS MUST BE SCHEDULED WITH FACILITY MANAGEMENT CALL: 206-763-5025

WASTE MANAGEMENT

HAZARDOUS WASTE IS STRICTLY PROHIBITED

Business Unit Name: AK St Reload and Recycle Facility - S07325 (USA)
Customer Name: GLOBAL DIVING & SALVAGE (GLOBAL DIVING & SALVAGE)

Time In	Ticket No.	Vehicle ID	Gross (lb)	Tare (lb)	Net (Lbs)	Net (Tons)
3/3/2009 12:12	8302	MV122	51600	23600	28000	14.00
3/3/2009 12:34	8304	M123	52680	24660	28020	14.01
3/3/2009 12:45	8305	MV122	52020	23600	28420	14.21
3/3/2009 13:05	8306	M123	52880	24660	28220	14.11
3/3/2009 13:14	8308	MV122	55480	23600	31880	15.94
3/3/2009 13:37	8309	M123	55820	24660	31160	15.58
3/3/2009 13:45	8310	MV122	55460	23600	31860	15.93
3/3/2009 14:11	8311	M123	52900	24660	28240	14.12
3/3/2009 14:33	8312	MV122	53200	23600	29600	14.80
3/5/2009 9:07	8332	MV122	55460	23600	31860	15.93
3/5/2009 9:49	8337	MV122	54740	23600	31140	15.57
3/5/2009 10:43	8344	MV122	51960	23600	28360	14.18
Total						**178.38**

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 8272

Ph: 206 763 5025

Customer Name GLOBAL DIVING & SALVAGE GLOBA
Ticket Date 03/03/2009
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 101540WA

Carrier SELF HAULER *
Vehicle# M123
Container
Driver SOT LUY
Check#
Billing# 0000023
Grid

Volume

Time		Scale	Operator			
In	03/03/2009 14:11:34	SCALE 1	Mercer	Inbound	Gross	52900 lb
Out	03/03/2009 14:11:34		Mercer		Tare	24660 lb
					Net	28240 lb
					Tons	14.12

Comments MAR VAC - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	14.12	Tons				KING
2	EnvFee38.33 6%-Env Fee 2	100	14.12	Tons				KING
3	Gondola14.91-Gondola 14.	100	14.12	Tons				KING

Total Tax
Total Ticket

203 Driver's Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 8266

Ph: 206 763 5025

Customer Name GLOBAL DIVING & SALVAGE GLOBA
Ticket Date 03/03/2009
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 101540WA

Carrier SELF HAULER *
Vehicle# M123
Container
Driver SOT LUY
Check#
Billing# 0000023
Grid

Volume

Time		Scale	Operator			
In	03/03/2009 12:34:13	SCALE 1	Mercer	Inbound	Gross	52600 lb
Out	03/03/2009 12:38:12	SCALE 1	Mercer		Tare	24660 lb
					Net	28020 lb
					Tons	14.01

Comments MAR VAC - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	14.01	Tons				KING
2	EnvFee38.33 6%-Env Fee 2	100	14.01	Tons				KING
3	Gondola14.91-Gondola 14.	100	14.01	Tons				KING

Total Tax
Total Ticket

203 Driver's Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 8268

Ph: 206 763 5025

Customer Name GLOBAL DIVING & SALVAGE GLOBA
Ticket Date 03/03/2009
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 101540WA

Carrier SELF HAULER *
Vehicle# M123
Container
Driver SOT LUY
Check#
Billing# 0000023
Grid

Volume

	Time	Scale	Operator			
In	03/03/2009 13:05:33	SCALE 1	lmercer	Inbound	Gross	52880 lb*
Out	03/03/2009 13:05:33		lmercer		Tare	24660 lb*
			* Manual Weight		Net	28220 lb
					Tons	14.11

Comments MAR VAC - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	14.11	Tons				KING
2	EnvFee38.33 6%-Env Fee 2	100	14.11	Tons				KING
3	Gondola14.91-Gondola 14.	100	14.11	Tons				KING

Total Tax
Total Ticket

203WM Driver's Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 8275

Ph: 206 763 5025

Customer Name GLOBAL DIVING & SALVAGE GLOBA
Ticket Date 03/03/2009
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 101540WA

Carrier SELF HAULER *
Vehicle# MV122
Container
Driver CHHORN IN
Check#
Billing# 0000023
Grid

Volume

	Time	Scale	Operator			
In	03/03/2009 14:33:42	SCALE 1	lmercer	Inbound	Gross	53200 lb
Out	03/03/2009 14:33:42		lmercer		Tare	23600 lb
					Net	29600 lb
					Tons	14.80

Comments MAR VAC - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	14.80	Tons				KING
2	EnvFee38.33 6%-Env Fee 2	100	14.80	Tons				KING
3	Gondola14.91-Gondola 14.	100	14.80	Tons				KING

13270

Total Tax
Total Ticket

203WM Driver's Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 8272

Ph: 206 763 5025

Customer Name GLOBAL DIVING & SALVAGE GLOBA
Ticket Date 03/03/2009
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 101540WA

Carrier SELF HAULER *
Vehicle# MV122
Container
Driver CHHORN IN
Check#
Billing# 0000023
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/03/2009 13:45:18	SCALE 1	lmercer		Gross	55460 lb
Out	03/03/2009 13:45:18		lmercer		Tare	23600 lb
					Net	31860 lb
					Tons	15.93

Comments MAR VAC - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	15.93	Tons				KING
2	EnvFee38.33 6%-Env Fee 2	100	15.93	Tons				KING
3	Gondola14.91-Gondola 14.	100	15.93	Tons				KING

Total Tax
Total Ticket

203WM Driver's Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 8271

Ph: 206 763 5025

Customer Name GLOBAL DIVING & SALVAGE GLOBA
Ticket Date 03/03/2009
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 101540WA

Carrier SELF HAULER *
Vehicle# M123
Container
Driver SOT LUY
Check#
Billing# 0000023
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/03/2009 13:37:15	SCALE 1	lmercer		Gross	55020 lb
Out	03/03/2009 13:37:15		lmercer		Tare	24660 lb
					Net	31160 lb
					Tons	15.58

Comments MAR VAC - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	15.58	Tons				KING
2	EnvFee38.33 6%-Env Fee 2	100	15.58	Tons				KING
3	Gondola14.91-Gondola 14.	100	15.58	Tons				KING

3785
1420
205
Total Tax
Total Ticket

8785
1593
10378

203WM Driver's Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 8269

Ph: 206 763 5025

Customer Name GLOBAL DIVING & SALVAGE GLOBA
Ticket Date 03/03/2009
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 101540WA

Carrier SELF HAULER *
Vehicle# MV122
Container
Driver CHHORN IN
Check#
Billing# 00000023
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/03/2009 13:14:39	SCALE 1	lmercer		Gross	55480 lb
Out	03/03/2009 13:14:39		lmercer		Tare	23600 lb
					Net	31880 lb
					Tons	15.94

Comments MAR VAC - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	15.94	Tons				KING
2	EnvFee38.33 6%-Env Fee 2	100	15.94	Tons				KING
3	Gondola14.91-Gondola 14.	100	15.94	Tons				KING

Total Tax
Total Ticket

203 Driver's Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 8267

Ph: 206 763 5025

Customer Name GLOBAL DIVING & SALVAGE GLOBA
Ticket Date 03/03/2009
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 101540WA

Carrier SELF HAULER *
Vehicle# MV122
Container
Driver CHHORN IN
Check#
Billing# 00000023
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/03/2009 12:45:04	SCALE 1	lmercer		Gross	52020 lb
Out	03/03/2009 12:45:04		lmercer		Tare	23600 lb
					Net	28420 lb
					Tons	14.21

Comments MAR VAC - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	14.21	Tons				KING
2	EnvFee38.33 6%-Env Fee 2	100	14.21	Tons				KING
3	Gondola14.91-Gondola 14.	100	14.21	Tons				KING

Total Tax
Total Ticket

203 Driver's Signature

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 8264

Ph: 206 763 5025

Customer Name GLOBAL DIVING & SALVAGE GLOBA
Ticket Date 03/03/2009
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 101540WA

Carrier SELF HAULER *
Vehicle# MV122
Container
Driver CHHORN IN
Check#
Billing# 0000023
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/03/2009 12:12:40	SCALE 1	lmercer		Gross	51600 lb
Out	03/03/2009 12:12:40		lmercer		Tare	23600 lb
					Net	28000 lb
					Tons	14.00

Comments MAR VAC - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-C	100	14.00	Tons				KING
2	EnvFee38.33 6%-Env Fee 2	100	14.00	Tons				KING
3	PROFILEF75-Profile Fee $	100	1	Each				KING
4	Gondola14.91-Gondola 14.	100	14.00	Tons				KING

Total Tax
Total Ticket

Driver's Signature

203 WM

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 8337

Ph: 206 763 5025

Customer Name GLOBAL DIVING & SALVAGE GLOBA
Ticket Date 03/05/2009
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 101540WA

Carrier SELF HAULER *
Vehicle# MV122
Container
Driver CHHORN IN
Check#
Billing# 0000023
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/05/2009 09:49:10	SCALE 1	lmercer		Gross	54740 lb
Out	03/05/2009 09:49:10		lmercer		Tare	23600 lb
					Net	31140 lb
					Tons	15.57

Comments MAR VAC - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-P	100	15.57	Tons				KING
2	EnvFee38.33 6%-Env Fee 2	100	15.57	Tons				KING
3	Gondola14.91-Gondola 14.	100	15.57	Tons				KING

Total Tax
Total Ticket

Driver's Signature

203 WM

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Ph: 206 763 5025

Reprint
Ticket# 8332

Customer Name GLOBAL DIVING & SALVAGE GLOBA
Ticket Date 03/05/2009
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 101540WA

Carrier SELF HAULER *
Vehicle# MV122
Container
Driver CHHORN IN
Check#
Billing# 0000023
Grid

Volume

	Time	Scale	Operator	Inbound		
In	03/05/2009 09:07:07	SCALE 1	lmercer		Gross	55460 lb
Out	03/05/2009 09:07:07		lmercer		Tare	23600 lb
					Net	31860 lb
					Tons	15.93

Comments MAR VAC - LM

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC-Tons-P	100	15.93	Tons				KING
2	EnvFee38.33 6%-Env Fee 2	100	15.93	Tons				KING
3	Gondola14.91-Gondola 14.	100	15.93	Tons				KING

Total Tax
Total Ticket

Driver's Signature

203 WM

WASTE MANAGEMENT

ALASKA STREET RELOAD FACILITY
70 SOUTH ALASKA STREET
SEATTLE, WASHINGTON 98134
(206) 763-5025

SCALE TICKET

50[illegible]0

DATE 3-5-09

TIME 10:43AM / IN OUT

CUSTOMER BILLED Global Diving & Salvage

ADDRESS Generator Tenax Co, Inc

COMMODITY Profile # 101540WA

CUST HAULER Marine Vacuum

DRIVER ON OFF

Chhorn Indriver

GROSS 51,960#

TARE 23,600#

NET 28,360#

AMOUNT 14.18 ton

DELIVERY TICKET **NO: 936523**

PLANT NO.177

3/3/2009 2:38:29 PM **GLACIER** Qty. Today: 14.26 Ton

CUSTOMER: 44970 Seattle Aggregate Yard Loads: 1

SOLD TO: MARINE VACUUM SERVICE IN

ORDER: 2009FOB
2009 PICKED UP PRICING

P.O.: GLOBAL DIVING

	LB	TON	mTON
GROSS	53120	26.56	24.09
TARE	24600	12.30	11.16
NET	28520	14.26	12.94

PRODUCT: 8520 2" x 4" Quarry Spalls 14.26 Ton

DEL. TO: WEIGHMASTER: _____

MAR VAC- will Bill.

ZONE:
HAULER #: 999
TRUCK #: MAR123

MTL.	
FRT.	
ENVIRO.	
TAX	
TOTAL	

RECEIVED BY: _____

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936547**

PLANT NO.177

3/4/2009 7:30:34 AM **GLACIER** Qty. Today: 14.86 Ton

CUSTOMER: 27637 Seattle Aggregate Yard Loads: 1

SOLD TO: GLOBAL DIVING & ENVIRONM

ORDER: 2009FOB
2009 PICKED UP PRICES

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	54180	27.09	24.58
TARE	24460	12.23	11.09
NET	29720	14.86	13.48

PRODUCT: 8520 2" x 4" Quarry Spalls 14.86 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR123

MTL.	
FRT.	
ENVIRO.	
TAX	
TOTAL	

RECEIVED BY: _____

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936769**

PLANT NO.177

3/5/2009 12:26:53 PM GLACIER Qty. Today: 13.48 Ton

CUSTOMER: 27637 Seattle Aggregate Yard Loads: 1

SOLD TO: GLOBAL DIVING & ENVIRONM

ORDER: 2009FOB
2009 PICKED UP PRICES

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	52820	26.41	23.96
TARE	25860	12.93	11.73
NET	26960	13.48	12.23

PRODUCT: 8128 Gravel Borrow/Type 17 13.48 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR122

RECEIVED BY: _____

MTL.	
FRT.	
ENVIRO.	
TAX	
TOTAL	

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936777**

PLANT NO.177

3/5/2009 1:06:29 PM GLACIER Qty. Today: 27.04 Ton

CUSTOMER: 27637 Seattle Aggregate Yard Loads: 2

SOLD TO: GLOBAL DIVING & ENVIRONM

ORDER: 2009FOB
2009 PICKED UP PRICES

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	52980	26.49	24.03
TARE	25860	12.93	11.73
NET	27120	13.56	12.30

PRODUCT: 8128 Gravel Borrow/Type 17 13.56 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR122

RECEIVED BY: _____

MTL.	
FRT.	
ENVIRO.	
TAX	
TOTAL	

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936789**

PLANT NO.177

3/5/2009 2:05:02 PM GLACIER Qty. Today: 54.86 Ton

CUSTOMER: 27637 Seattle Aggregate Yard Loads: 4

SOLD TO: GLOBAL DIVING & ENVIRONM

ORDER: 2009FOB
2009 PICKED UP PRICES

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	53260	26.63	24.16
TARE	25860	12.93	11.73
NET	27400	13.70	12.43

PRODUCT: 8128 Gravel Borrow/Type 17 13.70 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR122

RECEIVED BY: _____

MTL.
FRT.
ENVIRO.
TAX
TOTAL

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936785**

PLANT NO.177

3/5/2009 1:37:45 PM GLACIER Qty. Today: 41.16 Ton

CUSTOMER: 27637 Seattle Aggregate Yard Loads: 3

SOLD TO: GLOBAL DIVING & ENVIRONM

ORDER: 2009FOB
2009 PICKED UP PRICES

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	54100	27.05	24.54
TARE	25860	12.93	11.73
NET	28240	14.12	12.81

PRODUCT: 8128 Gravel Borrow/Type 17 14.12 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR122

RECEIVED BY: _____

MTL.
FRT.
ENVIRO.
TAX
TOTAL

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936797**

PLANT NO.177

3/5/2009 2:28:29 PM **GLACIER** Qty. Today: 69.72 Ton

CUSTOMER: 27637 Seattle Aggregate Yard Loads: 5

SOLD TO: GLOBAL DIVING & ENVIRONM

ORDER: 2009FOB
2009 PICKED UP PRICES

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	55580	27.79	25.21
TARE	25860	12.93	11.73
NET	29720	14.86	13.48

PRODUCT: 8128 Gravel Borrow/Type 17 14.86 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR122

RECEIVED BY: _____

MTL.	
FRT.	
ENVIRO.	
TAX	
TOTAL	

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936716**

PLANT NO.177

3/5/2009 8:32:42 AM **GLACIER** Qty. Today: 14.78 Ton

CUSTOMER: 44970 Seattle Aggregate Yard Loads: 1

SOLD TO: MARINE VACUUM SERVICE IN

ORDER: 2009FOB
2009 PICKED UP PRICING

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	55420	27.71	25.14
TARE	25860	12.93	11.73
NET	29560	14.78	13.41

PRODUCT: 8520 2" x 4" Quarry Spalls 14.78 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR122

RECEIVED BY: _____

MTL.	
FRT.	
ENVIRO.	
TAX	
TOTAL	

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936737**

PLANT NO.177

3/5/2009 10:13:00 AM GLACIER Qty. Today: 28.66 Ton

CUSTOMER: 44970 Seattle Aggregate Yard Loads: 2

SOLD TO: MARINE VACUUM SERVICE IN

ORDER: 2009FOB
2009 PICKED UP PRICING

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	53620	26.81	24.32
TARE	25860	12.93	11.73
NET	27760	13.88	12.59

PRODUCT: 8520 2" x 4" Quarry Spalls 13.88 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR122

RECEIVED BY: _____

MTL.	
FRT.	
ENVIRO.	
TAX	
TOTAL	

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936751**

PLANT NO.177

3/5/2009 11:06:25 AM GLACIER Qty. Today: 42.71 Ton

CUSTOMER: 44970 Seattle Aggregate Yard Loads: 3

SOLD TO: MARINE VACUUM SERVICE IN

ORDER: 2009FOB
2009 PICKED UP PRICING

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	53960	26.98	24.48
TARE	25860	12.93	11.73
NET	28100	14.05	12.75

PRODUCT: 8520 2" x 4" Quarry Spalls 14.05 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR122

RECEIVED BY: _____

MTL.	
FRT.	
ENVIRO.	
TAX	
TOTAL	

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936760**

PLANT NO.177

3/5/2009 11:38:32 AM **GLACIER** Qty. Today: 56.49 Ton

CUSTOMER: 44970 Seattle Aggregate Yard Loads: 4

SOLD TO: MARINE VACUUM SERVICE IN

ORDER: 2009FOB
2009 PICKED UP PRICING

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	53420	26.71	24.23
TARE	25860	12.93	11.73
NET	27560	13.78	12.50

PRODUCT: 8520 2" x 4" Quarry Spalls 13.78 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR122

MTL.	
FRT.	
ENVIRO.	
TAX	
TOTAL	

RECEIVED BY: _____

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936765**

PLANT NO.177

3/5/2009 12:01:29 PM **GLACIER** Qty. Today: 70.17 Ton

CUSTOMER: 44970 Seattle Aggregate Yard Loads: 5

SOLD TO: MARINE VACUUM SERVICE IN

ORDER: 2009FOB
2009 PICKED UP PRICING

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	53220	26.61	24.14
TARE	25860	12.93	11.73
NET	27360	13.68	12.41

PRODUCT: 8520 2" x 4" Quarry Spalls 13.68 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR122

MTL.	
FRT.	
ENVIRO.	
TAX	
TOTAL	

RECEIVED BY: _____

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936868**

PLANT NO.177

3/6/2009 10:27:54 AM GLACIER Qty. Today: 16.51 Ton

CUSTOMER: 27637 Seattle Aggregate Yard Loads: 1

SOLD TO: GLOBAL DIVING & ENVIRONM

ORDER: 2009FOB
2009 PICKED UP PRICES

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	58960	29.48	26.74
TARE	25940	12.97	11.77
NET	33020	16.51	14.98

PRODUCT: 8565 5/8" Minus Quarry Rock 16.51 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR122

RECEIVED BY: _____

MTL.	
FRT.	
ENVIRO.	
TAX	
TOTAL	

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936879**

PLANT NO.177

3/6/2009 11:24:58 AM GLACIER Qty. Today: 33.78 Ton

CUSTOMER: 27637 Seattle Aggregate Yard Loads: 2

SOLD TO: GLOBAL DIVING & ENVIRONM

ORDER: 2009FOB
2009 PICKED UP PRICES

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	60480	30.24	27.43
TARE	25940	12.97	11.77
NET	34540	17.27	15.67

PRODUCT: 8565 5/8" Minus Quarry Rock 17.27 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR122

RECEIVED BY: _____

MTL.	
FRT.	
ENVIRO.	
TAX	
TOTAL	

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936855**

PLANT NO.177

3/6/2009 9:42:04 AM GLACIER Qty. Today: 69.98 Ton

CUSTOMER: 27637 Seattle Aggregate Yard Loads: 5

SOLD TO: GLOBAL DIVING & ENVIRONM

ORDER: 2009FOB
2009 PICKED UP PRICES

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	55120	27.56	25.00
TARE	25940	12.97	11.77
NET	29180	14.59	13.24

PRODUCT: 8128 Gravel Borrow/Type 17 14.59 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR122

RECEIVED BY: _____

MTL.	
FRT.	
ENVIRO.	
TAX	
TOTAL	

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936843**

PLANT NO.177

3/6/2009 9:10:18 AM GLACIER Qty. Today: 55.39 Ton

CUSTOMER: 27637 Seattle Aggregate Yard Loads: 4

SOLD TO: GLOBAL DIVING & ENVIRONM

ORDER: 2009FOB
2009 PICKED UP PRICES

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	52820	26.41	23.96
TARE	25940	12.97	11.77
NET	26880	13.44	12.19

PRODUCT: 8128 Gravel Borrow/Type 17 13.44 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR122

RECEIVED BY: _____

MTL.	
FRT.	
ENVIRO.	
TAX	
TOTAL	

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936826**

PLANT NO.177

3/6/2009 8:10:21 AM GLACIER Qty. Today: 28.31 Ton

CUSTOMER: 27637 Seattle Aggregate Yard Loads: 2

SOLD TO: GLOBAL DIVING & ENVIRONM

ORDER: 2009FOB
2009 PICKED UP PRICES

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	52260	26.13	23.70
TARE	25940	12.97	11.77
NET	26320	13.16	11.94

PRODUCT: 8128 Gravel Borrow/Type 17 13.16 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR122

RECEIVED BY: _____

MTL.	
FRT.	
ENVIRO.	
TAX	
TOTAL	

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936837**

PLANT NO.177

3/6/2009 8:37:28 AM GLACIER Qty. Today: 41.95 Ton

CUSTOMER: 27637 Seattle Aggregate Yard Loads: 3

SOLD TO: GLOBAL DIVING & ENVIRONM

ORDER: 2009FOB
2009 PICKED UP PRICES

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	53220	26.61	24.14
TARE	25940	12.97	11.77
NET	27280	13.64	12.37

PRODUCT: 8128 Gravel Borrow/Type 17 13.64 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR122

RECEIVED BY: _____

MTL.	
FRT.	
ENVIRO.	
TAX	
TOTAL	

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

DELIVERY TICKET **NO: 936820**

PLANT NO.177

3/6/2009 7:45:39 AM **GLACIER** Qty. Today: 15.15 Ton

CUSTOMER: 27637 Seattle Aggregate Yard Loads: 1

SOLD TO: GLOBAL DIVING & ENVIRONM

ORDER: 2009FOB
2009 PICKED UP PRICES

P.O.: SOUTH PARK

	LB	TON	mTON
GROSS	56240	28.12	25.51
TARE	25940	12.97	11.77
NET	30300	15.15	13.74

PRODUCT: 8128 Gravel Borrow/Type 17 15.15 Ton

DEL. TO: WEIGHMASTER: _____

ZONE:
HAULER #: 999
TRUCK #: MAR122

MTL.	
FRT.	
ENVIRO.	
TAX	
TOTAL	

RECEIVED BY: _____

GLACIER NORTHWEST, INC. (206)938-6761
NOT RESPONSIBLE FOR DAMAGE CAUSED BY DELIVERY INSIDE CURB LINE

Certificate of Weight

Issued under authority of City of Seattle Ord. 7.04.580

SEATTLE IRON & METALS CORP.

601 South Myrtle Street Seattle, WA 98108 206-682-0040

Date 03 03 09 10:53 AM

Ticket # 549842

Weighed for: Global Recycling [illegible] PAID

Driver: On Off

Commodity	Price	
HMS	SC	Gross lbs.
		Tare lbs. 21720 lb
		SEATTLE IRON & METALS CORP.
		Net lbs. 13600 lb
OT	120¢	~~0120 lb~~

I, the undersigned, certify that the weights indicated hereon are true and correct and do hereby impress the seal of the above licensed city weighmaster in authentication thereof.

Weighed by _____
Licensed City Weigher

ORIGINAL

KS100 (7/99)

RENTON CONCRETE RECYCLERS

22121 17th Ave. S.E., Suite 117 - Bothell, WA 98021
PIT SITE: 500 MONSTER RD. S.W.
RENTON, WA 98055
(BLACK RIVER QUARRY SITE)

№ 159291

SITE PHONE: (206) 772-2278 BUSINESS OFFICE: (425) 481-9101

Date: 3/6/9 Global Diving

Customer: Phone:

Address: Job # 51170

Delivery Address:

Special Instructions:

Hauler's Name: Marine Vacuum Scaleperson: ST

☐ CASH ☒ CHARGE

TRUCK #	TIME	MATERIAL	GROSS	TARE	NET	NET T/YDS	PRICE	DRIVER'S SIGNATURE
122	103	Asph			2'8in	min		

Subtotal

Tax

Total

DRIVER'S SIGNATURE: [signature]

NOTICE: It is specifically agreed that this company shall not be in anyway responsible for damage to customer's property, resulting in deliveries beyond curb line.

TERMS: NET 15 DAYS from the end of the month. A finance charge will be assessed on all past due accounts at a rate of 1 1/2% per month. Annual finance charge of 18%.

ENVIRONMENTAL
ASSOCIATES, INC.

1380 - 112th Avenue Northeast, Suite 300
Bellevue, Washington 98004
(425) 455-9025 Office
(888) 453-5394 Toll Free
(425) 455-2316 Fax

July 31, 2009

JN-28275-3

Ms. Cathie Richardson
Washington State Department of Ecology
3190 - 160th Avenue SE
Bellevue, Washington 98008-5452

RE: Underground Storage Tank Removal Report & Checklists
Former Glitsa Property
327 South Kenyon Street
Seattle, Washington

Dear Ms. Richardson:

Responding to your recent request, and on behalf of our Client (Mr. Duane Bartel) please find enclosed a copy of Environmental Associates, Inc's (EAI's) underground storage tank (UST) removal and limited cleanup action report for the above referenced property. Copies of the UST Closure & Site Assessment Notice and Site Assessment Checklist are also included.

Sincerely submitted,

Robert B. Roe, M.Sc., LHG.
Senior Hydrogeologist / Project Manager
License: 1125 (Washington)