INTERIM ACTION REPORT
CAP SANTE MARINE
ECOLOGY AGREED ORDER NO. DE-07TCPHQ-4197
ANACORTES, WASHINGTON

DECEMBER 9, 2008

FOR
PORT OF ANACORTES

GeoEngineers

Interim Action Report
Cap Sante Marine
Ecology Agreed Order No. DE-07TCPHQ-4197
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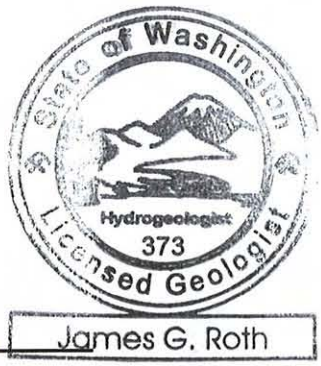

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EXECUTIVE SUMMARY

GENERAL

An interim remedial action was completed by the Port of Anacortes at the Cap Sante Marine Lease Area located in Anacortes, Washington. Remedial activities were completed in general accordance with the Agreed Order for the Site (No. DE-07TCPHQ-4197) and the Model Toxics Control Act. The interim action consisted of excavation and removal of contaminated soil from the site for thermal treatment and/or disposal at a permitted landfill. All of the known contamination identified by the Site Remedial Investigation field study was removed as the result of the interim action. The interim action also included Site restoration activities that consisted of excavation backfill, construction of a block retaining wall and public access walkway along the waterfront, and construction of a shoreline habitat area. The first of four quarters of compliance groundwater monitoring was completed to evaluate post-interim action groundwater conditions.

REMEDIAL EXCAVATION ACTIVITIES

Remedial excavation activities at the Site were completed between October and December 2007 to remove soil with petroleum and/or metals contamination at concentrations exceeding Site preliminary cleanup levels. Based on previous Site characterization studies, releases from the historic USTs and associated fuel lines were the apparent source of the petroleum contaminated-soil at the Site. The source of metals- contaminated soil in two isolated hot spots south and west of the USTs is not known. Approximately 9,800 cubic yards of petroleum-contaminated soil and 88 cubic yards of metals-contaminated soil were removed from the Site during remedial excavation activities and transported off-site for permitted treatment and/or disposal.

Based on field screening and chemical analytical results for confirmatory soil samples obtained from the final limits of the remedial excavations, all known soil containing hazardous substances at concentrations exceeding preliminary Site cleanup levels was removed during the interim remedial action.

COMPLIANCE GROUNDWATER MONITORING

The first quarterly compliance groundwater monitoring event was completed in early June 2008 to evaluate post-interim action groundwater conditions. Contaminants of concern either were not detected or were detected at concentrations less than preliminary Site cleanup levels in three out of four compliance monitoring wells. Diesel-range hydrocarbons and lead were detected at concentrations exceeding preliminary cleanup levels in monitoring well MW-2A, located in the southwest portion of the remedial excavation. The exceedances in MW-2A were caused by high turbidity in the well and are not representative of groundwater conditions at the Site. The well was subsequently re-developed to remove the highly turbid water and then re-sampled approximately two weeks after the initial groundwater sampling event. Petroleum hydrocarbons and lead were not detected in the follow-up samples collected from MW-2A.

Monitoring wells MW-1A through MW-4A will continue to be monitored for three additional quarters to evaluate post-remedial groundwater conditions at the Site. Groundwater samples will be analyzed for BETX, petroleum hydrocarbons, PAHs and lead. The results of the additional groundwater monitoring events will be summarized in quarterly reports. The Port of Anacortes will review the four quarters of compliance groundwater data in March 2009 and evaluate whether additional monitoring is warranted.

RI/FS AND CLEANUP ACTION PLAN

In compliance with the Agreed Order, the Port will prepare a RI/FS and Cleanup Action Plan (CAP) for the Site in 2008-2009. The RI/FS will summarize existing soil and groundwater data and evaluate cleanup alternatives for the Site, including no further action. If additional remedial action is warranted, the CAP will identify applicable Site cleanup standards and the cleanup actions that will be implemented by the Port.

INTERIM ACTION REPORT
CAP SANTE MARINE
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1.0 INTRODUCTION

This report presents the results of the interim action completed at the Cap Sante Marine Lease Area (referred to herein as the "Site"). This interim remedial action was conducted in compliance with the Department of Ecology (Ecology) Agreed Order for the Site that was signed by the Port of Anacortes in July 2007. Interim action remedial activities were completed in general accordance with the documents "Work Plan, Remedial Investigation/Feasibility Study and Interim Action, Cap Sante Marine Lease Area" dated June 19, 2007 (Work Plan, Landau Associates) and "Interim Action Work Plan Supplement, Cap Sante Marine" dated September 20, 2007 (Work Plan Supplement, GeoEngineers). Ecology is managing the Site as part of the Fidalgo and Padilla Bay component to the Puget Sound Initiative.

The Site is located at the Port's Cap Sante Boat Haven in Anacortes, Washington as shown in Figure 1. The general Site layout is shown in Figure 2. Remedial excavation activities were completed at the Site between October and December 2007 to remove petroleum- and metals-contaminated soil identified by the Remedial Investigation. Site restoration activities, including shoreline habitat planting, were completed in July 2008.

2.0 BACKGROUND

Prior to 1947 the Site consisted of tide flats. In the late 1940s to early 1950s, the Site was filled with dredged material from the adjacent federal waterway. The Port acquired the Site in 1956 and leased it to various tenants over the years. Since the late 1950s, the Site has been operated as a boatyard and marina support area providing small boat storage, boat launch, boat maintenance and offshore fueling facilities.

During the early 1980s, petroleum fuel was observed seeping into the marine waters adjacent to the Site at several locations south and east of two underground storage tanks (USTs) located at the Site (Figure 2). The USTs contained gasoline, diesel and an oil/fuel pre-mix. In 1983 the Port installed an interceptor trench downgradient of the USTs to recover fuel from the subsurface and control fuel seepage into adjacent Fidalgo Bay. The Port decommissioned and removed the leaking USTs in 1985 and replaced them with two new 12,000-gallon gasoline and diesel USTs.

Detailed information describing the Site, including its known history, previous uses, property features, soil and groundwater conditions and a summary of environmental investigations completed at the Site between 1983 and 2005 is presented in the June 2007 Work Plan. Additional field data collection and analysis were conducted at the Site in April and May 2007 in accordance with the Work Plan. The additional data collection and analysis consisted of sediment, soil and groundwater investigations. The results of these recent investigations are summarized in the "Investigation Data Report, Cap Sante Lease Area," dated August 2007 (Data Report, Landau Associates). Additionally, the Port completed a shallow soil investigation in September 2007 to further evaluate the extent of contaminated soil at the Site and to facilitate segregation and disposal of contaminated and non-contaminated soil during the interim action.

3.0 NATURE AND EXTENT OF CONTAMINATION

Based on investigations completed between 1983 and 2007, fuel releases from the historic USTs and associated fuel lines are the apparent source of the petroleum contamination detected in soil and groundwater at the Site. The Port's investigations revealed soil and groundwater contaminated with petroleum-related contaminants in a roughly fan-shaped plume emanating from the USTs that extended downgradient to the shore of Fidalgo Bay. The approximate limits of the contaminant plume caused by releases from the UST system are shown in Figure 2. Soil with concentrations of benzene, ethylbenzene, toluene, xylenes (BETX), naphthalenes, gasoline-range- and/or diesel-range petroleum hydrocarbons that exceeded the preliminary MTCA cleanup levels presented in the 2007 Data Report was detected at 16 locations within the UST plume. Petroleum-contaminated soil in the UST plume generally was encountered at depths ranging from 3 feet to 16 feet below the ground surface (bgs).

Gasoline-range hydrocarbon exceedances also were detected in shallow soil north (cross gradient) of the UST-related plume. The source of this shallow (one to three feet bgs) gasoline-range "hot spot" is not known, but it does not appear to be caused by releases from the USTs. Lead and copper exceedances were detected in soil at two isolated "hot spots" shown in Figure 2. The source of the lead and copper contamination is not known.

Preliminary groundwater cleanup levels for benzene, gasoline- and/or diesel-range hydrocarbons were exceeded in groundwater samples collected at several locations within the UST plume between 2004 and 2007.

The analytical results for sediment samples collected in the marina east of the USTs showed that petroleum-related contamination from the UST fueling system did not impact adjacent sediments (Data Report, 2007).

4.0 INTERIM ACTION REMEDIAL ACTIVITIES

4.1 GENERAL

The primary purpose of the interim action at the Cap Sante Marine Site was to remove contaminated soil from the UST fuel system source area to reduce the potential for offsite transport of contamination via the groundwater pathway. The interim action was implemented to achieve an immediate reduction in the volume of contaminated soil and to greatly reduce, if not eliminate, the potential environmental impacts posed by leaving the contaminated soil in place. The interim action at the Site was conducted in accordance with the MTCA cleanup regulation and applicable state and federal laws described in WAC 173-340-430.

The Port's general contractor for the interim action was Clearcreek Contractors ("Clearcreek" or "Contractor") of Everett, Washington. Clearcreek completed most of the remedial work at the Site and hired subcontractors for several activities including installation of a temporary sheet pile shoring wall and construction of a permanent retaining wall along the waterfront during Site restoration. The Port's environmental consultant was GeoEngineers, Inc. of Seattle, Washington. GeoEngineers assisted Clearcreek with segregating clean and contaminated soil during excavation, collected confirmatory soil samples from the limits of the remedial excavations, and documented remedial activities.

4.2 INTERIM ACTION ACTIVITIES

Activities that were completed during the interim action are described below. Additional information regarding these activities is presented in subsequent sections of this report.

- Implemented environmental protection measures consisting of best management practices for stormwater, sediment, drainage, and erosion control; spill prevention and pollution control; and all other controls needed to protect environmental quality. Environmental protection measures included use of silt fencing and silt dikes and catch basin silt barriers; contained, covered and lined stockpiles; and a floating debris boom for the offshore area of the Site.
- Demolished asphalt and concrete pavement as needed; demolished the Cap Sante Marine and "Captain's Place" restaurant buildings; and disassembled/relocated three boat storage/maintenance buildings to facilitate UST removal and contaminated soil excavation. Existing utilities in the excavation area were removed as needed and replaced where appropriate during Site restoration activities.
- Site access and traffic control measures including fencing and vehicle control flaggers were implemented to maintain safe working conditions and protect the public during the interim action.
- Construction dewatering using shallow sumps to remove most of the standing water from the bottom of the remedial excavations. Groundwater and stormwater removed from the excavations was pumped to large tanks to settle-out particulates, treated with particulate filters and activated carbon, and discharged to the City of Anacortes sanitary sewer system.
- Installed a temporary shoring and groundwater cutoff wall along a portion of the remedial excavation (near top of shore bank). The purpose of the sheet pile shoring/groundwater cutoff wall was to minimize the flow of groundwater and surface water to the excavation from the adjacent bay, particularly during high tides and storm events. The sheet pile wall was removed following completion of the excavation activities.
- Decommissioned (removed) two USTs, associated fuel lines and all remaining components of the former fueling system in accordance with WAC 173-360.
- Excavated contaminated soil associated with releases from the UST fueling system. Excavation of contaminated soil was performed to remove all contaminated soil from the Site that exceeded MTCA cleanup levels.
- Excavated lead, copper and gasoline-range contaminated soil from the three "hot spots" described in Section 3.0. Metals-contaminated soil was excavated and managed separate from the petroleum-contaminated materials for disposal purposes.
- Obtained confirmatory soil samples from the limits of the remedial excavations to document removal of contaminated soil.
- Loaded and hauled contaminated soil that was removed from the excavations for offsite treatment and/or disposal at a permitted soil treatment facility and/or solid waste landfill. Clean overburden soil that was excavated was disposed on nearby property owned by the Port.
- Shoreline restoration of the upper intertidal and backshore area adjacent to the remediation site. Restoration included installation of an engineered block retaining wall; softening of shoreline; placement of rip rap, natural beach substrate (sand and gravel), and large woody debris (logs); and planting native plants in the near shore environment.
- Covered upland site surfaces with a combination of clean granular fill, crushed rock, and asphalt pavement. A public access walkway (esplanade) was constructed adjacent to the shore area on the upland side of the block retaining wall.
- Installed four monitoring wells in and adjacent to the remedial excavation to enable collection of compliance groundwater samples and define post-interim action groundwater flow direction at the Site.

5.0 CLEANUP LEVELS

Soil and groundwater analytical results obtained during the interim action and post-remedial compliance monitoring were evaluated relative to the preliminary soil and groundwater cleanup levels referenced in Section 4.3 of the September 2007 Work Plan Supplement, with one exception. As discussed in the Work Plan Supplement, carcinogenic polycyclic aromatic hydrocarbon (cPAH) concentrations in saturated zone soil exceeded the calculated preliminary cleanup level at several locations. In accordance with Washington Administrative Code (WAC) 173-340-747(9), it has been empirically demonstrated that these cPAH concentrations in saturated soil are protective of groundwater and adjacent marine surface water. Pre-interim action and post-interim action groundwater sampling results for wells at the Site showed that cPAHs either were not detected or were detected at concentrations less than the preliminary groundwater cleanup levels. Based on the empirical demonstration and approval by Ecology, confirmatory soil sample results for all cPAH analyses were compared with the unsaturated zone preliminary cleanup level of 0.137 milligrams per kilogram (mg/kg). Preliminary cleanup levels for the Site are presented in Tables 1 through 4 and 6 through 8 of this report.

6.0 UST REMOVAL AND CLOSURE

Two steel, single-walled, 12,000-gallon USTs (one gasoline UST and one diesel UST) were decommissioned on November 1, 2007 in accordance with the UST Regulations presented in 173-360 WAC. Prior to the tank removal activities Clearcreek Contractors 1) arranged for removal of the residual fuel product from the USTs, 2) arranged for a marine chemist to inert the USTs and be on-site during tank removal activities, and 3) coordinated UST decommissioning activities with the City of Anacortes fire department and the local fire marshal. A representative of GeoEngineers certified by Ecology to perform UST site checks and site assessments was present to observe the UST removal operations and document the condition of the two USTs and associated product lines.

The tops of the USTs were buried to a depth of approximately 5 feet bgs. The tanks measured approximately 8 feet in diameter and 35 feet in length. Both USTs were observed to be in good condition with no cracks or leaking observed. The steel product lines from the tanks to the east wall of the UST excavation generally appeared to be in good condition with one exception. Product staining was observed at the joints connecting the product lines to the USTs and in the vicinity of the product delivery pumps. Copies of the UST closure and removal documents are presented in Appendix A. The general location of the USTs and product lines that were removed from the Site are shown in Figure 2. The results of confirmatory soil sampling completed in the remedial excavation in the vicinity of the USTs are described in Section 7.2.

7.0 REMEDIAL EXCAVATION ACTIVITIES

7.1 GENERAL

Remedial excavation activities at the Site were completed between October and December 2007 to remove soil containing petroleum and metals contamination at concentrations exceeding Site cleanup levels. Prior to the start of remedial activities, several buildings at the Site were demolished to facilitate excavation. The Port completed pre-demolition surveys for asbestos containing materials (ACM) and lead-based paint on several structures including a marine retail building, a small restaurant and boat storage/maintenance buildings in the vicinity of the remedial excavation areas (Figure 2), Based on the results of the ACM and lead paint surveys, an asbestos abatement contractor (Affordable Environmental) was procured to remove ACM from the retail building and the restaurant prior to demolition of the buildings.

A GeoEngineers field representative was onsite during excavation activities to field screen soil from the excavations for evidence of petroleum-related contamination and to assist the Contractor in segregating non-contaminated (clean) soil overburden from underlying petroleum- and metals-contaminated soil. The term "non-contaminated," as used in this report, refers to soil in which contaminants were not detected or were detected at concentrations less than applicable preliminary Site cleanup levels. The term "contaminated" refers to soil in which one or more contaminants of concern were detected by chemical analysis at concentrations that exceed preliminary Site cleanup levels.

Clean soil overburden ranged in thickness between approximately 1 and 5 feet. The underlying petroleum- and metals-contaminated soil located beneath the clean soil was encountered at depths ranging between approximately 1 foot and 18 feet bgs. The extent of clean and contaminated soil was evaluated during excavation activities using field screening and/or the results of chemical analyses. Soil excavation activities continued until confirmation soil samples obtained from the final excavation limits (base and sidewalls) indicated that analyte concentrations were less than preliminary Site cleanup levels. The confirmation soil samples were submitted to CCI Analytical Laboratories in Everett, Washington, for chemical analysis of BETX, petroleum hydrocarbons, PAHs, VOCs, lead, copper, chromium and/or zinc as described in Section 4.2. The final limits of the remedial excavations and confirmation soil sample locations are shown in Figure 3.

Approximately 9,800 cubic yards (14,975 tons) of petroleum-contaminated soil were removed during remedial excavation activities and transported offsite for permitted thermal treatment and disposal at Rinker Materials in Everett, Washington. Approximately 88 cubic yards (133 tons) of non-hazardous metals-contaminated soil were removed from the Site during remedial excavation activities and transported offsite to Waste Management's permitted landfill in Arlington, Oregon. Approximately 2,400 cubic yards (3,600 tons) of clean overburden soil were removed from the Site during remedial excavation activities and used for fill on the Port's Airport property.

Chemical analytical results and field screening data for soil samples obtained during remedial excavation activities are summarized in Tables 1 through 4. Field screening and soil sampling procedures are described in Appendix B. Copies of the chemical analytical data and our review of the laboratory quality control (QC) data are provided in Appendix C. A summary of the tipping receipts that document delivery of contaminated soil to Rinker and Waste Management's disposal facilities is presented in Appendix D.

Four monitoring wells were installed at the Site in April 2007 to evaluate pre-remedial groundwater conditions. Monitoring wells MW-3 and MW-4 (Figure 2) were removed during remedial excavation activities. Monitoring wells MW-1 and MW-2 were decommissioned by a licensed driller upon completion of remedial excavation activities and prior to final grading and Site restoration activities. Well decommissioning reports for MW-1 and MW-2 are presented in Appendix E.

7.2 EXCAVATION AND CONFIRMATION SAMPLING

7.2.1 Petroleum-Contaminated Areas

Petroleum-contaminated soil was excavated between October and December 2007 from the primary UST-fueling system excavation and a much smaller "hot spot" located north of the USTs. The approximate final limits of the two petroleum-contaminated soil excavations and confirmation soil sample locations are shown in Figure 3. Approximately 9,800 cubic yards of contaminated soil were removed from these excavations. All of the petroleum-contaminated soil that exceeded preliminary Site cleanup levels was removed during the interim cleanup action based on the results of field screening and confirmatory soil sample analyses.

A total of 88 confirmation soil samples, including four duplicate samples, were obtained from the limits of the petroleum-contaminated excavations. Analytical results for these samples are summarized in Tables 1 through 3. Gasoline-, diesel- and oil-range petroleum hydrocarbons, BETX and PAHs either were not detected or were detected at concentrations less than preliminary Site cleanup levels with 22 exceptions. Benzene, ethylbenzene and/or PAHs were detected in 22 confirmation soil samples (including three duplicate samples) at concentrations exceeding preliminary Site cleanup levels. Soil with contaminant concentrations exceeding preliminary Site cleanup levels was subsequently over-excavated and confirmation soil samples were obtained from the new limits of the excavation for chemical analysis. Petroleum-related contaminants either were not detected or were detected at concentrations less than preliminary Site cleanup levels in the over-excavation samples. Confirmation samples EX-1-7.0 and EX-4-7.5 were analyzed for the full suite of VOCs because VOCs other than BETX were detected in Site characterization samples obtained from two borings in this area. VOCs either were not detected or were detected at concentrations less than preliminary Site cleanup levels in EX-1-7.0 and EX-4-7.5.

7.2.2 Metals-Contaminated Areas

Isolated hot spots of lead-contaminated soil (south of the USTs, Figure 2) and copper-contaminated soil (west of the USTs), were excavated in November 2007. Approximately 80 cubic yards of soil were excavated from the lead-contaminated hot spot. Approximately 8 cubic yards of soil were excavated from the copper-contaminated hot spot. The approximate final limits of the metals-contaminated soil excavations and confirmation soil sample locations are shown in Figure 3. All of the metals-contaminated soil that exceeded preliminary Site cleanup levels was removed during the interim cleanup action based on the results of the confirmatory soil sample analyses.

A total of seven confirmation soil samples were obtained from the final limits of the metals-contaminated excavations. Analytical results for these samples are summarized in Table 4. Lead, copper, chromium and zinc either were not detected or were detected at concentrations less than preliminary Site cleanup levels, with one exception. Lead was detected in confirmation soil sample EX-22-7.0 at a concentration exceeding the preliminary Site cleanup level. Soil in the vicinity of this sample was subsequently over-excavated and a confirmation soil sample was obtained from the new limits of the excavation for chemical analysis. Lead was detected in the follow-up confirmation sample (EX-50-6.0) at a concentration less than the preliminary Site cleanup level.

Soil excavated from the copper- and lead-contaminated areas was placed in two separate stockpiles at the Site. Because lead was detected at a high concentration in a soil sample obtained from the lead impacted area during the 2007 Site characterization study, a 3-point composite sample (SP-1) was collected from the lead-contaminated soil stockpile for waste disposal characterization purposes. The stockpile sample was submitted for analysis of TCLP lead. Analytical results for sample SP-1 showed that soil excavated from the lead-contaminated area was not a dangerous waste. The metals-contaminated soil was transported to Waste Management's Subtitle D landfill in Arlington, Oregon for permitted disposal.

7.3 TREATED WOOD WASTE

Preservative-treated wood encountered in the remedial excavation was removed during remedial excavation activities. Approximately 10 cubic yards of preservative-treated timber lagging and piles from the existing bulkhead and/or historic pier were disposed at Industrial Process Waste at the Roosevelt Regional Landfill operated by Allied Waste. A summary of the tipping receipts documenting delivery of treated wood waste to the landfill facility is presented in Appendix D.

7.4 EXCAVATION DEWATERING

An excavation dewatering and pumped water treatment system was installed at the Site by Clearcreek and operated on a continuous basis between October 30 and November 30, 2007, with one exception as noted below. The system included a water collection sump (shallow well) and associated pumps that were installed in the northeast corner of the excavation at a depth of approximately 13 feet bgs. Water that drained to the sump was pumped into a water treatment system consisting of two baffled 18,000-gallon settling tanks connected to a sediment particulate filter and three activated carbon vessels connected in series. Periodic checks of the water treatment system were completed to evaluate performance of the equipment. Additionally, water quality samples were obtained from the treatment system before the treated water was discharged into the City of Anacortes (City) sanitary sewer system.

Water quality samples were obtained to confirm that the treated water complied with the City's water discharge criteria shown in Table 5. Water quality and discharge flow rate data were provided to the City on a regular basis to document compliance with the City's dewatering discharge authorization for the project. A total of 12 water quality samples were obtained from the water treatment system. The water samples were analyzed for BETX, gasoline-, diesel- and heavy oil-range hydrocarbons, lead, pH, total settleable solids (TSS) and/or sodium.

Analytical results indicated that the treated water was suitable for discharge to the City's sanitary sewer, with three exceptions. Sample DW-SL1-103007 exceeded the discharge criteria for benzene and TSS. This baseline sample represented pre-treatment water that had been pumped from the excavation but not treated. Sample DW-SL3-103007 exceeded the discharge criteria for TSS and represented treated water. The particulate filter system was adjusted based on the TSS exceedance in sample DW-SL3-103007. Sample DW-SL4-110207 exceeded the discharge criteria for diesel- and heavy oil-range hydrocarbons. Based on the hydrocarbon exceedances, discharge to the City sewer was stopped temporarily pending change-out of the activated carbon vessels. Treated water discharge to the sewer resumed several days after the stoppage once new carbon vessels were installed to remove dissolved hydrocarbons from the pumped water. Field measurements and chemical analytical results for dewatering water samples are summarized in Table 5.

8.0 BACKFILL AND SITE RESTORATION

8.1 BACKFILL

Remedial excavations were backfilled using clean imported fill materials to approximately Elevations 12 to 13 feet. A geogrid fabric was placed in the base of the remedial excavations that were more than five feet deep to provide stability at the base of the excavation. The geogrid was covered with approximately 1 to 1½ feet of 8-inch minus crushed rock. Imported structural sand fill was then placed on top of the crushed rock layer and compacted using a vibrating roller. Most backfilled areas were surfaced with approximately 6 to 12 inches of crushed rock in preparation for asphalt paving, installation of concrete sidewalks, or to create a uniform grade across the Site. Post-cleanup Site restoration features are shown in Figure 4.

8.2 ENGINEERED BLOCK RETAINING WALL

An engineered block retaining wall ("MSE block wall," Figure 4) was constructed during site restoration activities. The MSE wall extends from the boat launch (southwest corner of the remedial excavation) to the Central Pier north of the remedial excavations. The MSE block wall separates the upland portion of the Site from the shoreline/habitat restoration area. Construction of the MSE wall required placement of

imported structural fill at the base of the wall, installation of drainage components, placement of the engineered blocks and installation of wall reinforcement material (geogrid).

8.3 PUBLIC ACCESS WALKWAY (ESPLANADE)

A concrete walkway (esplanade) was constructed during site restoration activities to provide public access along the waterfront at the Site. The esplanade parallels the upland side of the engineered block wall as shown in Figure 4.

8.4 UTILITY DEMOLITION, RELOCATION AND RESTORATION

Utilities (electric power, natural gas, water etc.) located within the interim action Site that served the Cap Sante Marine building, UST fueling system and the Connex building were decommissioned prior to and during the remedial excavations. Utilities at the Site not associated with these facilities were temporarily disconnected and rerouted during remedial activities. These utilities included a City water main, several fire hydrants, storm drain piping, catch basins and associated outfalls and aboveground power lines. These utilities were restored during and after the completion of backfill/grading activities at the Site.

9.0 SHORELINE HABITAT RESTORATION

Because this interim action was performed in conjunction with the Puget Sound Initiative, it included habitat restoration as part of the project. Habitat restoration at the Cap Sante Site involved grading to habitat-specific elevations, placement of habitat substrate material (sand and gravel), planting with native plants and installation of large woody debris (logs) in the upper intertidal and backshore area. A 6-inch-thick layer of habitat substrate was placed along the re-graded shoreline/intertidal zone from Elevation +5 feet up to the base of the MSE wall at approximately Elevation +10 feet (Figure 4). The habitat substrate was planted in May and July 2008 with native plants that were approved by the Washington Department of Fish and Wildlife and are appropriate for the various marine shoreline habitats at the Site. Large coniferous logs native to western Washington were anchored in place to form a log pocket and backshore habitat. The shoreline habitat restoration area and information regarding the native plants that were used to plant the various habitat zones are shown in Figure 4. The Port's remediation Contractor will continue to monitor and manage the habitat plantings through approximately July 2009 to ensure the establishment and survival of the plantings.

10.0 POST-INTERIM ACTION COMPLIANCE GROUNDWATER MONITORING

10.1 GENERAL

In accordance with the Work Plan Supplement, four monitoring wells (MW-1A through MW-4A) were completed at the Site on May 27, 2008 to enable collection of compliance groundwater samples and to evaluate post-interim action groundwater flow direction. Monitoring well MW-1A was installed west (upgradient) of the remedial excavation limits. Monitoring wells MW-2A through MW-4A were installed in the southwest, east-central and northeast portions, respectively, of the remedial excavation. The approximate locations of the compliance monitoring wells are shown in Figure 4. Descriptions of the field exploration program, field screening methods, groundwater sampling procedures, and logs of the monitoring wells are presented in Appendix B. Groundwater depths, elevations, field parameters and chemical analytical results obtained during the first compliance groundwater monitoring event in June 2008 are presented in Tables 6 through 9. Laboratory reports for the chemical analyses are presented in Appendix C.

10.2 SOIL FIELD SCREENING RESULTS

Borings MW-1A through MW-4A were completed to depths of approximately 11 feet bgs using a truck-mounted, hollow-stem auger drilling rig. Soil conditions encountered in borings MW-1A and MW-4A consisted of approximately 3 to 5 feet of excavation backfill material overlying dredged fill material. Soil conditions encountered in borings MW-2A and MW-3A consisted of excavation backfill material. These soil conditions are consistent with the soils that were encountered or placed during excavation activities and in previous explorations completed at the Site. Soil samples obtained from the borings at 5-foot depth intervals were screened for evidence of petroleum hydrocarbons using visual, water sheen screening and organic vapor headspace measurements. Field screening evidence of petroleum contamination was not encountered in the soil samples obtained from borings MW-1A through MW-4A.

10.3 GROUNDWATER CONDITIONS

Post-interim action groundwater conditions at the Site were evaluated by measuring groundwater levels and obtaining groundwater samples from MW-1A through MW-4A on June 5, 2008. Depths to groundwater ranged from approximately 3.7 to 4.7 feet bgs (Table 6). The inferrred direction of groundwater flow beneath the Site based on the June 2008 measurements is toward the east-southeast (Figure 4). The post-interim action groundwater flow direction is consistent with the pre-interim action flow direction obtained in May 2007.

Groundwater field parameters including pH, conductivity, turbidity, dissolved oxygen and temperature were measured prior to obtaining samples from wells MW-1A through MW-4A. Groundwater field parameter data are summarized in Table 9. Groundwater samples from MW-1A through MW-4A were submitted to CCI Analytical Laboratories in Everett, Washington, for chemical analysis of BETX, gasoline-, diesel- and oil-range hydrocarbons, PAHs and lead. The groundwater analytical results are presented in Tables 6, 7 and 8. The contaminants of concern either were not detected or were detected at concentrations less than preliminary Site cleanup levels in MW-1A, MW-3A and MW-4A. Concentrations of diesel-range hydrocarbons, several individual cPAHs and total lead in MW-2A exceeded preliminary Site cleanup levels. Diesel-range petroleum hydrocarbons were detected in MW-2A at a concentration of 810 parts per billion (ppb), which slightly exceeds the preliminary cleanup level of 500 ppb. Several individual cPAHs were detected in MW-2A at concentrations exceeding the 0.018 ppb preliminary cleanup level. However, the cPAH detections did not exceed the 0.1 ppb preliminary cleanup level for cPAHs using the toxicity equivalency methodology (TEQ) described in WAC 173-340-708(8). Therefore, cPAHs were not detected in MW-2A at concentrations of regulatory concern based on the TEQ methodology. Total lead was detected in the unfiltered sample from MW-2A at a concentration of 40 ppb which exceeds the preliminary Site groundwater cleanup level of 8.1 ppb. However, dissolved lead was not detected in the filtered groundwater samples from MW-2A. The total lead concentration detected in the sample is not considered to be representative of actual groundwater conditions due to the potential for particulate matter to be captured in the sample analyzed. Based on the non-detect dissolved lead result for MW-2A, the total lead exceedance is attributed to suspended sediment (silt) in the unfiltered groundwater sample. The turbidity (silt content) of the water purged from MW-2A (550 NTU) prior to sampling was considerably higher than the turbidity (7 to 63 NTU) measured in the three other monitoring wells. In our experience, turbid water can result in detections of contaminants at elevated concentrations because the contaminants tend to attach to the silt particles in the water sample. The elevated total lead detection in MW-2A described above is an example of this turbid water effect.

Well MW-2A was re-developed on June 19, 2008 by surging and pumping water from the well to remove silty, turbid water from the sand pack and well screen. Well MW-2A was re-sampled for total lead, diesel- and oil-range petroleum hydrocarbons on June 23, 2008. The turbidity of the water purged from

MW-2A prior to sampling on June 23 was 27 NTU, which indicates that much clearer water was sampled compared to the initial sampling event on June 5. Diesel- and oil-range petroleum hydrocarbons and total lead were not detected in the samples collected from MW-2A on June 23. The June 23 data from the re-developed MW-2A indicate that the groundwater exceedances detected in the June 5 samples from MW-2A were not representative of post-interim action groundwater conditions.

In accordance with the Work Plan Supplement, three additional quarters of post-interim action compliance groundwater monitoring will be completed at the Site to further evaluate groundwater conditions. The groundwater samples will be analyzed for BETX, gasoline-, diesel- and oil-range hydrocarbons, PAHs and lead. The results of subsequent groundwater monitoring events will be summarized and presented in quarterly groundwater monitoring reports. Additional compliance groundwater monitoring will be completed if one or more analytes are detected at concentrations exceeding Site cleanup levels (as those levels are determined in the RI/FS).

11.0 REFERENCES

GeoEngineers, Inc. September 20, 2007. "Interim Action Work Plan Supplement, Cap Sante Marine, Ecology Agreed Order No. DE-07TCPHQ-4197, Anacortes, Washington."

Landau Associates. June 19, 2007. "Work Plan, Remedial Investigation/Feasibility Study and Interim Action, Cap Sante Marine Lease Area, Anacortes, Washington."

Landau Associates. August 2007. "Investigation Data Report, Cap Sante Marine Lease Area, Anacortes, Washington."

12.0 LIMITATIONS

We have prepared this report for the exclusive use of the Port of Anacortes, their authorized agents and regulatory agencies in their evaluation of the interim remedial action at the Port of Anacortes Cap Sante Marine Lease Area Site located on the northeast corner of the intersection of 13th Street and Q Avenue in Anacortes, Washington. No other party may rely on the product of our services unless we agree in advance and in writing to such reliance.

Within the limitations of scope, schedule and budget, our services have been executed in accordance with generally accepted environmental science practices in this area at the time this report was prepared. No warranty or other conditions, express or implied, should be understood.

Any electronic form, facsimile or hard copy of the original document (email, text, table, and/or figure), if provided, and any attachments are only a copy of the original document. The original document is stored by GeoEngineers, Inc. and will serve as the official document of record.

TABLE 1
SUMMARY OF SOIL FIELD SCREENING RESULTS AND CHEMICAL ANALYTICAL DATA
PETROLEUM HYDROCARBONS AND VOLATILES
INTERIM REMEDIAL ACTION - CAP SANTE MARINE
ANACORTES, WASHINGTON

Sample Name[1]	Sample Depth (feet bgs)	Date Sampled	Field Screening Results[2]		Petroleum Hydrocarbons[3] (mg/kg)			Volatile Organic Compounds (VOCs)[4] (mg/kg)			
			Headspace Vapors (ppm)	Sheen	Gasoline-Range	Diesel-Range	Heavy Oil-Range	Benzene	Ethyl-benzene	Toluene	Xylenes
EX-1-7.0[5]	7.0	10/26/07	2	NS	<3	<25	<50	<0.010	<0.010	<0.010	<0.020
EX-2-4.0	4.0	10/26/07	2	NS	<3	<26	<51	<0.010	<0.05	<0.05	<0.2
EX-3-7.0[6]	7.0	10/26/07	<1	NS	<3	<25	<50	**0.06**	<0.05	<0.05	<0.2
EX-3-9.0	9.0	11/05/07	<1	NS	<4	--	--	<0.010	<0.08	<0.08	<0.23
EX-4-7.5[5]	7.5	10/26/07	<1	NS	<7	<25	<50	<0.010	<0.01	**0.011**	<0.02
EX-5-7.5[6]	7.5	10/26/07	<1	NS	**8**	<25	<50	**0.22**	**0.37**	**0.1**	**0.38**
EX-5-10.5	10.5	11/29/07	<1	NS	<3	--	--	<0.010	<0.010	<0.010	<0.010
EX-6-8.0[6]	8.0	10/26/07	<1	NS	**11**	<25	<50	**0.15**	**0.11**	<0.05	**0.27**
EX-6-10.0	10.0	11/05/07	<1	NS	<3	--	--	<0.010	<0.05	<0.05	<0.2
EX-7-8.0	8.0	10/26/07	6	NS	<4	<25	<50	<0.010	<0.08	<0.08	<0.2
EX-8-7.0	7.0	10/26/07	<1	NS	<3	<25	<50	<0.010	<0.05	<0.05	<0.2
EX-9-4.0	4.0	11/01/07	<1	NS	<3	<25	<50	<0.010	<0.05	<0.05	<0.2
EX-10-4.0	4.0	11/01/07	<1	NS	<3	<26	<51	<0.010	<0.05	<0.05	<0.2
EX-11-8.0	8.0	11/01/07	<1	NS	<6	<31	<61	<0.010	<0.11	<0.11	<0.33
EX-12-8.0	8.0	11/01/07	<1	NS	<3	<29	<58	<0.010	<0.05	<0.05	<0.2
EX-13-8.0	8.0	11/01/07	<1	NS	<3	<25	<50	<0.010	<0.05	<0.05	<0.2
EX-14-7.0	7.0	11/01/07	<1	NS	<5	<25	<50	<0.010	<0.11	<0.11	<0.32
EX-15-4.0	4.0	11/01/07	<1	NS	<8	<29	<57	<0.010	<0.17	<0.17	<0.51
EX-16-8.0	8.0	11/05/07	<1	NS	<3	<25	<50	<0.010	<0.05	<0.05	<0.2
EX-17-8.0	8.0	11/05/07	<1	NS	<3	<25	<50	<0.010	<0.05	<0.05	<0.2
EX-18-8.0	8.0	11/05/07	<1	NS	<6	<25	<50	<0.010	<0.13	<0.13	0.38
EX-19-8.0	8.0	11/05/07	<1	NS	<3	<25	<50	<0.010	<0.05	<0.05	<0.2
EX-20-9.0	9.0	11/06/07	<1	NS	<3	<27	<50	<0.010	<0.06	<0.06	<0.2
EX-26-8.0	8.0	11/08/07	--	NS	<3	<28	<57	<0.010	<0.010	<0.010	<0.010
EX-27-9.0	9.0	11/08/07	--	NS	<3	<26	<52	<0.010	<0.010	<0.010	<0.010
EX-28-9.0	9.0	11/08/07	--	NS	<3	<25	<50	<0.010	<0.010	<0.010	<0.010
EX-29-8.0	8.0	11/08/07	--	NS	**4**	<25	<50	<0.010	<0.010	<0.010	<0.010
EX-30-16.0[6]	16.0	11/08/07	--	NS	**20**	<25	<50	**0.45**	**1.2**	**0.015**	**1.14**
EX-30-18.0	18.0	11/14/07	<1	NS	<3	--	--	<0.010	<0.010	<0.010	<0.010
EX-31-9.0	9.0	11/08/07	--	NS	<3	<25	<50	<0.010	<0.010	<0.010	<0.010
EX-32-7.0	7.0	11/13/07	<1	NS	<3	<25	<50	<0.010	<0.010	<0.010	<0.010
EX-33-7.0	7.0	11/13/07	<1	NS	<3	<25	<50	<0.010	<0.010	<0.010	<0.010
EX-34-14.0	14.0	11/13/07	<1	NS	<3	--	--	<0.010	<0.010	<0.010	<0.010
EX-35-14.0	14.0	11/14/07	<1	NS	<4	--	--	<0.010	<0.010	<0.010	<0.010
EX-36-8.0	8.0	11/13/07	<1	NS	<4	<25	<50	<0.010	<0.010	<0.010	<0.010
EX-37-9.0	9.0	11/13/07	<1	NS	<3	<25	<50	<0.010	<0.010	<0.010	<0.010
EX-38-7.0	7.0	11/15/07	<1	NS	<3	<25	<50	<0.010	<0.010	<0.010	<0.010
EX-39-7.0	7.0	11/15/07	<1	NS	<3	<27	<53	<0.010	<0.010	<0.010	<0.010
EX-40-8.0	8.0	11/15/07	--	NS	<6	<32	**86**	<0.010	<0.010	<0.010	<0.010
EX-41-11.0	11.0	11/15/07	--	NS	<3	<26	<53	<0.010	<0.010	<0.010	<0.010
EX-42-11.0	11.0	11//15/07	--	NS	<3	<25	<50	<0.010	<0.010	<0.010	<0.010
EX-43-9.0	9.0	11/15/07	--	NS	<6	<40	**52**	<0.010	<0.010	<0.010	<0.010
EX-44-8.0	8.0	11/15/07	--	NS	<3	<25	<50	<0.010	<0.010	<0.010	<0.010
EX-45-7.0	7.0	11/15/07	--	NS	<3	<26	<53	<0.010	<0.010	<0.010	<0.010
EX-46-8.0	8.0	11/15/07	--	NS	<6	<35	<69	<0.010	<0.010	<0.010	<0.010
EX-47-9.0	9.0	11/15/07	--	NS	<3	<25	<50	<0.010	<0.010	<0.010	<0.010
EX-48-5.0	5.0	11/16/07	--	NS	<3	<25	<50	<0.03	<0.05	<0.05	<0.2
EX-49-5.0	5.0	11/16/07	--	NS	<3	<35	<69	<0.04	<0.06	<0.06	<0.02
EX-50-6.0	6.0	11/16/07	--	NS	<4	<25	<50	<0.010	<0.010	<0.010	<0.010
EX-51-4.0	4.0	11/19/07	--	NS	<3	<25	<50	<0.03	<0.05	<0.05	<0.2
EX-52-4.0	4.0	11/19/07	--	NS	<3	<25	<50	<0.04	<0.06	<0.06	<0.2
EX-53-2.0	2.0	11/19/07	--	NS	<3	<25	<50	<0.04	<0.06	<0.06	<0.2
EX-54-2.0	2.0	11/19/07	--	NS	<3	<25	**60**	<0.03	<0.05	<0.05	<0.2
EX-55-2.0	2.0	11/19/07	--	NS	<3	<25	**77**	<0.03	<0.05	<0.05	<0.2
EX-56-2.0	2.0	11/19/07	--	NS	<3	<25	<50	<0.03	<0.05	<0.05	<0.2
EX-58-3.0	3.0	12/03/07	138	NS	<5	<29	<57	<0.010	<0.010	<0.010	<0.010
EX-59-2.0	2.0	12/03/07	<1	NS	<4	<26	<52	<0.010	<0.010	<0.010	<0.010
EX-60-2.0	2.0	12/04/07	<1	NS	<4	<29	<58	<0.010	<0.010	<0.010	<0.010
EX-61-6.0	6.0	12/10/07	<1	NS	<3	<26	<51	<0.010	<0.010	<0.010	<0.010
EX-62-2.0	2.0	12/04/07	<1	NS	<5	<31	<62	<0.010	<0.010	<0.010	<0.010
EX-63-9.0	9.0	12/05/07	<1	NS	<3	<25	<50	<0.010	<0.010	<0.010	<0.010
EX-64-9.0	9.0	12/05/07	<1	NS	<3	<25	<50	<0.010	<0.010	<0.010	<0.010
EX-65-2.0	2.0	12/05/07	<1	NS	<6	<25	<50	<0.010	<0.010	<0.010	<0.010
EX-66-2.0	2.0	12/05/07	<1	NS	<7	<25	<50	<0.010	<0.010	<0.010	<0.010
DUP-1	9.0	12/05/07	<1	NS	**12**	<25	<50	<0.010	<0.010	<0.010	<0.010
DUP-2	2.0	12/05/07	<1	NS	<5	<25	<50	<0.010	<0.010	<0.010	<0.010
EX-67-2.0	2.0	12/06/07	<1	NS	<6	**160**	**300**	<0.010	<0.010	<0.010	<0.010
EX-68-2.0	2.0	12/06/07	<1	NS	<4	<100	**400**	<0.010	<0.010	<0.010	<0.010
EX-69-2.0	2.0	12/06/07	<1	NS	<4	**97**	**70**	<0.010	<0.010	<0.010	<0.010
DUP-3	2.0	12/06/07	<1	NS	<6	**98**	**160**	<0.010	<0.010	<0.010	<0.010
DUP-4	2.0	12/06/07	<1	NS	<5	**70**	**92**	<0.010	<0.010	<0.010	<0.010
Cleanup Level - Unsaturated Zone[7]					30	2,000	2,000	0.29	18.0	109	160,000
Cleanup Level - Saturated Zone[8]					30	2,000	2,000	0.018	1.03	6.4	160,000

Notes:

[1]The approximate sample locations are shown in Figure 3.

[2]A description of field screening methods is presented in Appendix B.

[3]Petroleum hydrocarbons analyzed using Ecology Method NWTPH-Gx and NWTPH-Dx with acid/silica gel cleanup.

[4]VOCs analyzed using EPA Method 8021B for the unsaturated zone and EPA Method 8260 for the saturated zone.

[5]Confirmation samples EX-1-7.0 and EX-4-7.5 were analyzed for the full suite of VOCs. Except for a trace detection of toluene in sample EX-4-7.5, VOCs were not detected in these samples. The full list of VOCs that were analyzed is presented in Appendix C.

[6]Soil represented by this sample was subsequently over-excavated and removed from the site for permitted disposal.

[7]Unsaturated zone - from ground surface to 5 feet bgs.

[8]Saturated zone - 5 feet bgs or greater.

bgs = below ground surface.

ppm = parts per million.

mg/kg = milligrams per kilogram.

NS=no sheen.

"--" = not analyzed.

DUP = Duplicate soil sample. Samples DUP-1, DUP-2, DUP-3 and DUP-4 are representative of samples EX-64-9.0, EX-65-2.0, EX-67-2.0 and EX-69-2.0 respectively.

Chemical analyses performed by CCI Analytical Laboratories, Everett, Washington.

Bolding indicates analyte was detected. Shading indicates the detected concentration exceeds the respective cleanup level.

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TABLE 2
SUMMARY OF SOIL CHEMICAL ANALYTICAL DATA
NONCARCINOGENIC PAHS
INTERIM REMEDIAL ACTION - CAP SANTE MARINE
ANACORTES, WASHINGTON

Sample Number[1]	Sample Depth (feet bgs)	Date Sampled	Noncarcinogenic PAHs[2] (mg/kg)								
			Acenaph-thene	Acenaph-thylene	Anthtra-cene	Benzo(ghi)-perylene	Fluoran-thene	Fluorene	Naph-thalenes	Phenan-threne	Pyrene
EX-1-7.0	7.0	10/26/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-2-4.0	4.0	10/26/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-3-7.0	7.0	10/26/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.02**
EX-4-7.5	7.5	10/26/07	<0.02	<0.02	<0.02	**0.02**	<0.02	<0.02	**0.04**	<0.02	<0.02
EX-5-7.5	7.5	10/26/07	<0.02	<0.02	<0.02	**0.04**	**0.1**	<0.02	**0.11**	**0.04**	**0.12**
EX-6-8.0	8.0	10/26/07	**0.05**	<0.02	<0.02	<0.02	**0.03**	<0.02	**0.56**	<0.02	**0.04**
EX-7-8.0	8.0	10/26/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-8-7.0	7.0	10/26/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-9-4.0	4.0	11/01/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-10-4.0	4.0	11/01/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-11-8.0	8.0	11/01/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-12-8.0	8.0	11/01/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-13-8.0	8.0	11/01/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-14-7.0	7.0	11/01/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-15-4.0	4.0	11/01/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-16-8.0	8.0	11/05/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-17-8.0	8.0	11/05/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-18-8.0	8.0	11/05/07	**0.20**	**0.04**	<0.02	<0.02	<0.02	**0.15**	**1.45**	**0.05**	<0.02
EX-19-8.0	8.0	11/05/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-20-9.0	9.0	11/06/07	<0.02	<0.02	<0.02	<0.02	**0.02**	<0.02	<0.02	<0.02	**0.03**
EX-26-8.0	8.0	11/08/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-27-9.0	9.0	11/08/07	<0.02	<0.02	<0.02	**0.03**	**0.11**	<0.02	**0.03**	**0.06**	**0.12**
EX-28-9.0	9.0	11/08/07	<0.02	**0.03**	**0.03**	**0.06**	**0.21**	<0.02	**0.06**	**0.10**	**0.23**
EX-29-8.0	8.0	11/08/07	**0.02**	<0.02	<0.02	<0.02	**0.03**	<0.02	**0.07**	<0.02	**0.03**
EX-30-16.0	16.0	11/08/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**1.29**	<0.02	<0.02
EX-31-9.0	9.0	11/08/07	<0.02	<0.02	<0.02	**0.04**	**0.13**	<0.02	**0.03**	**0.06**	**0.15**
EX-32-7.0	7.0	11/13/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-33-7.0	7.0	11/13/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-36-8.0	8.0	11/13/07	<0.02	**0.04**	**0.03**	**0.08**	**0.24**	<0.02	**0.13**	**0.11**	**0.27**
EX-36-10.0	10.0	11/20/07	<0.02	<0.02	<0.02	**0.03**	**0.10**	<0.02	**0.02**	**0.04**	**0.09**
EX-37-9.0	9.0	11/13/07	<0.02	<0.02	<0.02	<0.02	**0.03**	<0.02	<0.02	<0.02	**0.04**
EX-38-7.0	7.0	11/15/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-39-7.0	7.0	11/15/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-40-8.0	8.0	11/15/07	<0.02	**0.05**	**0.05**	**0.11**	**0.40**	<0.02	**0.05**	**0.17**	**0.51**
EX-40-10.0	10.0	11/20/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-41-11.0	11.0	11/15/07	<0.02	<0.02	<0.02	<0.02	**0.04**	<0.02	<0.02	<0.02	**0.04**
EX-42-11.0	11.0	11/15/07	<0.02	<0.02	<0.02	<0.02	**0.03**	<0.02	<0.02	<0.02	**0.04**
EX-43-9.0	9.0	11/15/07	<0.02	**0.10**	**0.14**	**0.21**	**0.95**	**0.03**	**0.11**	**0.42**	**0.98**
EX-43-11.0	11.0	11/20/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-44-8.0	8.0	11/15/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-45-7.0	7.0	11/15/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-46-8.0	8.0	11/15/07	<0.02	**0.05**	**0.07**	**0.14**	**0.48**	**0.02**	**0.07**	**0.22**	**0.51**
EX-46-10.0	10.0	11/20/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-47-9.0	9.0	11/15/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-48-5.0	5.0	11/16/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.02**
EX-49-5.0	5.0	11/16/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-50-6.0 [3]	6.0	11/16/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**11.9**	**0.2**	<0.02
EX-51-4.0	4.0	11/19/07	<0.02	<0.02	<0.02	<0.02	**0.03**	<0.02	<0.02	<0.02	**0.04**
EX-52-4.0	4.0	11/19/07	<0.02	<0.02	<0.02	<0.02	**0.03**	<0.02	**0.03**	<0.02	**0.04**
EX-53-2.0	2.0	11/19/07	<0.02	**0.02**	**0.02**	**0.05**	**0.21**	<0.02	**0.08**	**0.10**	**0.21**
EX-54-2.0	2.0	11/19/07	<0.02	**0.02**	<0.02	**0.05**	**0.16**	<0.02	**0.04**	**0.07**	**0.16**
EX-55-2.0	2.0	11/19/07	**0.10**	**0.03**	**0.06**	**0.06**	**0.32**	**0.14**	**0.04**	**0.52**	**0.30**
EX-56-2.0	2.0	11/19/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-57-6.0	6.0	11/27/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-58-3.0	3.0	12/03/07	<0.02	**0.03**	**0.03**	**0.07**	**0.25**	<0.02	**0.03**	**0.09**	**0.25**
EX-59-2.0	2.0	12/03/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-60-2.0	2.0	12/04/07	<0.02	**0.08**	**0.07**	**0.16**	**0.56**	**0.02**	**0.05**	**0.24**	**0.66**
EX-60-5.0	5.0	12/10/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-61-2.0	2.0	12/04/07	<0.02	**0.05**	**0.07**	**0.13**	**0.44**	<0.02	**0.07**	**0.20**	**0.46**
EX-61-6.0	2.0	12/04/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-62-2.0	2.0	12/04/07	<0.02	**0.09**	**0.10**	**0.20**	**0.79**	**0.04**	**0.05**	**0.35**	**0.78**
EX-62-6.0	6.0	12/10/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-63-9.0	9.0	12/05/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.03**	<0.02	<0.02
EX-64-9.0	9.0	12/05/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.07**	<0.02	<0.02
EX-65-2.0	2.0	12/05/07	**0.07**	**0.14**	**0.72**	**0.47**	**2.1**	**0.12**	**0.18**	**0.73**	**2.1**
EX-65-6.0	6.0	12/10/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-66-2.0	2.0	12/05/07	**0.04**	**0.06**	**0.11**	**0.14**	**0.73**	**0.04**	**0.08**	**0.24**	**0.77**
EX-66-5.0	5.0	12/10/07	<0.02	<0.02	**0.02**	**0.05**	**0.17**	<0.02	**0.08**	**0.08**	**0.17**
DUP-1	9.0	12/05/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.04**	<0.02	<0.02
DUP-2	2.0	12/05/07	**0.03**	**0.11**	**0.16**	**0.22**	**1.0**	**0.06**	**0.07**	**0.48**	**1.0**
EX-67-2.0	2.0	12/06/07	**3.2**	**0.15**	**0.75**	**0.2**	**4.5**	**0.49**	**1.57**	**1.7**	**3.1**
EX-67-5.0	5.0	12/11/07	<0.02	**0.09**	**0.12**	**0.29**	**0.7**	**0.05**	**0.48**	**0.41**	**0.79**
EX-67-8.0	8.0	12/14/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-68-2.0	2.0	12/06/07	**0.09**	**0.81**	**1.7**	**1.6**	**8.6**	**0.46**	**0.19**	**4.6**	**8.1**
EX-68-5.0	5.0	12/11/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-69-2.0	2.0	12/06/07	**0.05**	**0.28**	**0.38**	**0.44**	**2.3**	**0.22**	**0.19**	**1.5**	**2.2**
EX-69-5.0	5.0	12/11/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
DUP-3	2.0	12/06/07	**1.5**	**0.10**	**0.27**	**0.17**	**1.8**	**0.18**	**0.51**	**0.75**	**1.5**
DUP-4	2.0	12/06/07	**0.03**	**0.22**	**0.28**	**0.47**	**1.8**	**0.09**	**0.15**	**0.81**	**2.3**
EX-70-0.5	0.5	12/10/07	<0.02	<0.02	<0.02	<0.02	**0.05**	<0.02	**0.03**	**0.03**	**0.06**
EX-71-0.5	0.5	12/10/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-72-0.5	0.5	12/11/07	<0.02	**0.04**	**0.08**	**0.14**	**0.5**	**0.03**	**0.27**	**0.24**	**0.53**
EX-72-3.5	3.5	12/14/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-74-0.5	0.5	12/14/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Cleanup Level - Unsaturated Zone[4]			66	NE	12,285	NE	89	547	138	NE	2,400
Cleanup Level - Saturated Zone[5]			3	NE	617	NE	4	28	7	NE	177

Notes:

[1]The approximate exploration locations are shown in Figure 3.

[2]Polycyclic aromatic hydrocarbons (PAHs) analyzed using EPA Method 8270SIM. The full list of PAHs that were analyzed is presented in Appendix C.

[3]Soil represented by this sample was subsequently overexcavated and removed from the Site for permitted disposal.

[4]Unsaturated zone -from ground surface to 5 feet bgs.

[5]Saturated zone - 5 feet bgs or greater.

bgs = below ground surface.

mg/kg = milligrams per kilogram.

NE = not established.

DUP = Duplicate soil sample. Samples DUP-1, DUP-2, DUP-3 and DUP-4 are representative of samples EX-64-9.0, EX-65-2.0, EX-67-2.0 and EX-69-2.0 respectively.

Chemical analyses performed by CCI Analytical Laboratories, Everett, Washington.

Bolding indicates analyte was detected. Shading indicates the detected concentration exceeds the respective cleanup level.

SEAT:\5\5147005\03\Finals\514700503Tables.xls

TABLE 3

SUMMARY OF SOIL CHEMICAL ANALYTICAL DATA

CARCINOGENIC PAHS

INTERIM REMEDIAL ACTION - CAP SANTE MARINE

ANACORTES, WASHINGTON

Sample Number[1]	Sample Depth (feet bgs)	Date Sampled	Carcinogenic PAHs[2] (mg/kg)							
			Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Chrysene	Dibenz(a,h)-anthracene	Indeno(1,2,3-cd)-pyrene	Total cPAHs (TEQ)[3]
EX-1-7.0	7.0	10/26/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-2-4.0	4.0	10/26/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-3-7.0	7.0	10/26/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-4-7.5	7.5	10/26/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-5-7.5	7.5	10/26/07	**0.04**	**0.04**	**0.03**	**0.03**	**0.05**	<0.02	**0.03**	**0.05**
EX-6-8.0	8.0	10/26/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-7-8.0	8.0	10/26/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-8-7.0	7.0	10/26/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-9-4.0	4.0	11/01/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-10-4.0	4.0	11/01/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-11-8.0	8.0	11/01/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-12-8.0	8.0	11/01/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-13-8.0	8.0	11/01/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-14-7.0	7.0	11/01/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-15-4.0	4.0	11/01/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-16-8.0	8.0	11/05/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-17-8.0	8.0	11/05/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-18-8.0	8.0	11/05/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-19-8.0	8.0	11/05/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-20-9.0	9.0	11/06/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-26-8.0	8.0	11/08/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-27-9.0	9.0	11/08/07	**0.04**	**0.04**	**0.02**	**0.03**	**0.04**	<0.02	**0.02**	**0.06**
EX-28-9.0	9.0	11/08/07	**0.09**	**0.08**	**0.06**	**0.08**	**0.10**	**0.02**	**0.05**	**0.120**
EX-29-8.0	8.0	11/08/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-30-16.0	16.0	11/08/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-31-9.0	9.0	11/08/07	**0.05**	**0.05**	**0.03**	**0.04**	**0.06**	<0.02	**0.03**	**0.07**
EX-32-7.0	7.0	11/13/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-33-7.0	7.0	11/13/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-36-8.0 [4]	8.0	11/13/07	**0.11**	**0.11**	**0.07**	**0.07**	**0.12**	**0.03**	**0.06**	**0.15**
EX-36-10.0	10.0	11/20/07	**0.03**	**0.04**	**0.03**	**0.03**	**0.04**	<0.02	**0.03**	**0.06**
EX-37-9.0	9.0	11/13/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-38-7.0	7.0	11/15/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-39-7.0	7.0	11/15/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-40-8.0 [4]	8.0	11/15/07	**0.17**	**0.16**	**0.10**	**0.12**	**0.18**	**0.04**	**0.09**	**0.23**
EX-40-10.0	10.0	11/20/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-41-11.0	11.0	11/15/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-42-11.0	11.0	11/15/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-43-9.0 [4]	9.0	11/15/07	**0.40**	**0.33**	**0.23**	**0.23**	**0.39**	**0.06**	**0.18**	**0.46**
EX-43-11.0	11.0	11/20/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-44-8.0	8.0	11/15/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-45-7.0	7.0	11/15/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-46-8.0 [4]	8.0	11/15/07	**0.20**	**0.19**	**0.13**	**0.14**	**0.21**	**0.04**	**0.11**	**0.27**
EX-46-10.0	10.0	11/20/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-47-9.0	9.0	11/15/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-48-5.0	5.0	11/16/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-49-5.0	5.0	11/16/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-50-6.0	6.0	11/16/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-51-4.0	4.0	11/19/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-52-4.0	4.0	11/19/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-53-2.0	2.0	11/19/07	**0.08**	**0.08**	**0.06**	**0.05**	**0.07**	**0.04**	<0.02	**0.095**
EX-54-2.0	2.0	11/19/07	**0.05**	**0.06**	**0.04**	**0.04**	**0.05**	**0.04**	<0.02	**0.069**
EX-55-2.0	2.0	11/19/07	**0.10**	**0.10**	**0.06**	**0.07**	**0.11**	**0.05**	<0.02	**0.130**
EX-56-2.0	2.0	11/19/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-57-6.0	6.0	11/27/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-58-3.0	3.0	12/03/07	**0.09**	**0.09**	**0.05**	**0.07**	**0.10**	**0.05**	<0.02	**0.118**
EX-59-2.0	2.0	12/03/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-60-2.0 [4]	2.0	12/04/07	**0.26**	**0.24**	**0.15**	**0.17**	**0.28**	**0.05**	**0.13**	**0.319**
EX-60-5.0	5.0	12/10/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-61-2.0 [4]	2.0	12/04/07	**0.18**	**0.18**	**0.11**	**0.12**	**0.18**	**0.04**	**0.1**	**0.237**
EX-61-6.0	6.0	12/10/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-62-2.0 [4]	2.0	12/04/07	**0.33**	**0.30**	**0.20**	**0.22**	**0.35**	**0.06**	**0.17**	**0.402**
EX-62-6.0	6.0	12/10/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-63-9.0	9.0	12/05/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-64-9.0	9.0	12/05/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-65-2.0 [4]	2.0	12/05/07	**0.88**	**0.72**	**0.72**	**0.65**	**1.5**	**0.16**	**0.41**	**1.017**
EX-65-6.0	6.0	12/10/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-66-2.0 [4]	2.0	12/05/07	**0.21**	**0.19**	**0.12**	**0.16**	**0.23**	**0.04**	**0.12**	**0.257**
EX-66-5.0	5.0	12/10/07	**0.06**	**0.06**	**0.04**	**0.05**	**0.06**	<0.02	**0.04**	**0.081**
DUP-1	9.0	12/05/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
DUP-2 [4]	2.0	12/05/07	**0.42**	**0.36**	**0.26**	**0.25**	**0.47**	**0.07**	**0.19**	**0.484**
EX-67-2.0 [4]	2.0	12/06/07	**0.80**	**0.38**	**0.34**	**0.29**	**0.75**	**0.07**	**0.18**	**0.556**
EX-67-5.0 [4]	5.0	12/11/07	**0.29**	**0.33**	**0.24**	**0.22**	**0.34**	**0.07**	**0.21**	**0.436**
EX-67-8.0	8.0	12/14/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-68-2.0 [4]	2.0	12/06/07	**3.9**	**2.6**	**2.2**	**2.0**	**3.8**	**0.59**	**1.5**	**3.657**
EX-68-5.0	5.0	12/11/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-69-2.0 [4]	2.0	12/06/07	**0.96**	**0.73**	**0.60**	**0.57**	**1.2**	**0.15**	**0.40**	**1.010**
EX-69-5.0	5.0	12/11/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.015**
DUP-3 [4]	2.0	12/06/07	**0.48**	**0.28**	**0.22**	**0.21**	**0.48**	**0.06**	**0.15**	**0.397**
DUP-4 [4]	2.0	12/06/07	**1.1**	**0.81**	**0.58**	**0.55**	**1.1**	**0.16**	**0.43**	**1.103**
EX-70-0.5	0.5	12/10/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-71-0.5	0.5	12/10/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-72-0.5 [4]	0.5	12/11/07	**0.18**	**0.18**	**0.11**	**0.14**	**0.19**	**0.03**	**0.1**	**0.238**
EX-72-3.5	3.5	12/14/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
EX-73-0.5	0.5	12/11/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
EX-74-0.5	0.5	12/14/07	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.015
Cleanup Level - Saturated and Unsaturated Zone			0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.137

Notes:

[1]The approximate sample locations are shown in Figure 3 .

[2]Polycyclic aromatic hydrocarbons (PAHs) analyzed using EPA Method 8270SIM. The full list of PAHs analyzed is detailed in Appendix C.

[3]Total carcinogenic PAHs calculated using toxic equivalent (TEQ) methodology relative to benzo(a)pyrene. cPAHs that were not detected were assigned a value of one half of the detection limit for these calculations.

[4]Soil represented by this sample was subsequently overexcavated and removed from the Site for permitted disposal.

bgs = below ground surface.

mg/kg = milligrams per kilogram.

DUP = Duplicate soil sample. Samples DUP-1, DUP-2, DUP-3 and DUP-4 are representative of samples EX-64-9.0, EX-65-2.0, EX-67-2.0 and EX-69-2.0 respectively.

Chemical analyses performed by CCI Analytical Laboratories, Everett, Washington.

Bolding indicates analyte was detected. Shading indicates the detected concentration exceeds the respective cleanup level.

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TABLE 4
SUMMARY OF SOIL CHEMICAL ANALYTICAL DATA
METALS
INTERIM REMEDIAL ACTION - CAP SANTE MARINE
ANACORTES, WASHINGTON

Sample Name[1]	Sample Depth (feet bgs)	Date Sampled	Metals[2] (mg/kg)				
			Chromium	Copper	Lead		Zinc
					Total	TCLP[3]	
EX-20-9.0	9.0	11/06/07	**20**	**12**	<5	--	**33**
EX-21-7.0	7.0	11/06/07	**23**	**13**	<5	--	**37**
EX-22-7.0 [4]	7.0	11/06/07	**22**	**22**	**100**	**--**	**74**
SP-1[5]	surface	11/06/07	**--**	**--**	**--**	<0.04	**--**
EX-23-2.0	2.0	11/07/07	**11**	**5.3**	<5	--	**16**
EX-24-1.0	1.0	11/07/07	**8.3**	**9.6**	<5	--	**14**
EX-25-1.0	1.0	11/07/07	**7.6**	**5.0**	<5	--	**16**
EX-50-6.0	6.0	11/16/07	--	--	**14**	**--**	--
Cleanup Level - Unsaturated Zone[6]			120,000	36	250	--	101
Cleanup Level - Saturated Zone[7]			120,000	36	81	--	86
Dangerous Waste Criteria (WAC 173-303-090)			NA	NA	NA	5.0	NA

Notes:

[1]The approximate sample locations are shown in Figure 3.

[2]Metals analyzed using EPA Method 6010.

[3]Toxicity Characteristic Leaching Procedure (TCLP) analyzed using EPA Method 1311/6010B.

[4]Soil represented by this sample was subsequently overexcavated and removed from the Site for permitted disposal.

[5]SP-1 represents a 3-point composite stockpile sample obtained from the lead-contaminated soil excavation stockpile. This sample was analyzed for TCLP lead for disposal characterization purposes.

[6]Unsaturated zone - from ground surface to 5 feet bgs.

[7]Saturated zone - 5 feet bgs or greater.

bgs = below ground surface.

mg/kg = milligrams per kilogram.

"--" = not analyzed.

NA = not applicable.

Chemical analyses performed by CCI Analytical Laboratories, Everett, Washington.

Bolding indicates analyte was detected. Shading indicates the detected concentration exceeds the respective cleanup level.

SEAT:\5\5147005\03\Finals\514700503Tables.xls

TABLE 5
SUMMARY OF EXCAVATION DEWATERING CHEMICAL ANALYTICAL DATA
PETROLEUM HYDROCARBONS, VOLATILES, LEAD, pH, TSS AND SODIUM
INTERIM REMEDIAL ACTION - CAP SANTE MARINE
ANACORTES, WASHINGTON

Sample Name	Date Sampled	Petroleum Hydrocarbons[1] (mg/l)			Volatile Organic Compounds (VOCs)[2] (µg/l)				Total Lead[3] (µg/l)	pH[4]	Total Settleable Solids (TSS)[5] (mg/l/hr)	Sodium[6] (mg/l)
		Gasoline-Range	Diesel-Range	Heavy Oil-Range	B	E	T	X				
DW-SL1-103007	10/30/07	**0.40**	**0.47**	<0.25	**6**	**3**	<1	**7**	<3	7.4	**6**	**5,000**
DW-SL3-103007	10/30/07	<0.050	**0.17**	<0.25	<1	<1	<1	<3	<3	7.9	**6**	**4,900**
DW-SL3-110207	11/02/07	<0.050	**0.72**	**0.88**	<1	<1	<1	<3	--	8.2	0	--
DW-SL4-110207	11/02/07	<0.050	**19.0**	**24.0**	<1	<1	<1	<3	**3**	8.0	0	--
DW-SL3-110607	11/06/07	<0.050	<0.13	<0.25	<1	<1	<1	<3	<3	8.2	0	--
DW-SL4-110607	11/06/07	<0.050	**0.56**	**0.65**	<1	<1	<1	<3	<3	8.3	0	--
DW-SL3-110907	11/09/07	<0.050	**0.21**	<0.25	<1	<1	<1	<3	--	8.0	0	--
DW-SL4-110907	11/09/07	<0.050	**0.18**	<0.25	<1	<1	<1	<3	<3	8.1	0	--
DW-SL3-111907	11/19/07	<0.050	<0.13	<0.25	<1	<1	<1	<3	--	8.0	0	--
DW-SL4-111907	11/19/07	<0.050	<0.13	<0.25	<2	<1	<1	<3	<3	8.1	0	--
DW-SL3-112707	11/27/07	<0.050	<0.13	<0.25	<1	<1	<1	<3	--	8.0	0	--
DW-SL4-112707	11/27/07	<0.050	<0.13	<0.25	<2	<1	<1	<3	<3	8.1	0	--
City of Anacortes Discharge Criteria		1.00	10.0		5.0	100			5	6.0 - 9.0	0	NE

Notes:

[1]Petroleum hydrocarbons analyzed using Ecology Method NWTPH-Gx and NWTPH-Dx.

[2]VOCs analyzed using EPA Method 8021B.

[3]Total lead analyzed using EPA Method 7421.

[4]Samples DW-SL1-103007 and DW-SL3-103007 were analyzed using EPA Method 150.1. The remaining samples were measured in the field using a Hanna Instraments Combo ph\EC meter.

[5]Samples DW-SL1-103007 and DW-SL3-103007 were analized by the testing laboratory using EPA Method 160.5. The remaining samples were measured in the field using an Imhoff Cone.

[6]Sodium analyzed using EPA Method 200.7.

mg/l = milligrams per liter.

µg/l = micrograms per liter.

mg/l/hr = miligrams per leter per hour.

"--" = not analyzed.

Chemical analyses performed by CCI Analytical Laboratories, Everett, Washington.

Bolding indicates analyte was detected. Shading indicates detected concentration exceeds the City of Anacortes sewer discharge criteria.

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TABLE 6
SUMMARY OF GROUNDWATER LEVELS AND CHEMICAL ANALYTICAL DATA
PETROLEUM HYDROCARBONS, VOLATILES AND LEAD
INTERIM REMEDIAL ACTION - CAP SANTE MARINE
ANACORTES, WASHINGTON

Monitoring Well[1]	Date Sampled	Top of Casing Elevation (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	Petroleum Hydrocarbons[2] (µg/l)			Volatile Organic Compounds (VOCs)[3] (µg/l)				Lead (µg/l)	
					Gasoline-Range	Diesel-Range	Heavy Oil-Range	Benzene	Ethyl-benzene	Toluene	Xylenes	Total	Dissolved
MW-1A	06/05/08	12.63	4.04	8.59	<50	<130	<250	<1	<1	<1	<3	<3	<3
MW-2A	06/05/08	12.96	4.71	8.25	**150**	**810**	<250	**3**	<1	**1**	<3	**40**	<3
	06/23/08		5.63	7.33	**--**	<130	<250	**--**	--	**--**	--	<3	--
MW-3A	06/05/08	12.03	3.74	8.29	<50	<130	<250	<1	<1	<1	<3	<3	<3
MW-4A	06/05/08	12.41	4.12	8.29	<50	<130	<250	<1	<1	<1	<3	<3	<3
D-060508	06/05/08	--	--	--	<50	<130	<250	<1	<1	<1	<3	<3	<3
Trip Blank	06/06/08	--	--	--	<50	--	--	<1	<1	<1	<3	--	--
Cleanup Level					800/1,000[4]	500	500	51	2,100	15,000	1,000	8.1	NE

Notes:

[1]The approximate monitoring well locations are shown in Figure 4.

[2]Petroleum hydrocarbons analyzed using Ecology Method NWTPH-Gx and NWTPH-Dx with acid/silica gel cleanup.

[3]VOCs analyzed using EPA Method 8021B.

[4]MTCA Method A cleanup level is 800µg/l when benzene is present, 1,000 µg/l when benzene is not present.

µg/l = micrograms per liter.

D = Duplicate groundwater sample. Sample D-060508 is representative of sample MW-4A.

NE = not established.

Chemical analyses performed by CCI Analytical Laboratories, Everett, Washington.

Bolding indicates analyte was detected. Shading indicates the detected concentration exceeds the respective cleanup level.

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TABLE 7
SUMMARY OF GROUNDWATER CHEMICAL ANALYTICAL DATA
NONCARCINOGENIC PAHS
INTERIM REMEDIAL ACTION - CAP SANTE MARINE
ANACORTES, WASHINGTON

Monitoring Well[1]	Date Sampled	Noncarcinogenic PAHs[2] (µg/l)								
		Acenaph-thene	Acenaph-thylene	Anthtra-cene	Benzo(ghi)-perylene	Fluoran-thene	Fluorene	Naph-thalenes	Phenan-threne	Pyrene
MW-1A	06/05/08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	**0.04**	<0.02	**0.07**
MW-2A	06/05/08	**110**	**2.4**	**6.4**	<0.02	**7.7**	**54**	**434**	**38**	**3.4**
MW-3A	06/05/08	<0.02	**0.03**	<0.02	<0.02	<0.02	<0.02	**0.20**	<0.02	<0.02
MW-4A	06/05/08	**0.04**	<0.02	<0.02	<0.02	<0.02	<0.02	**0.03**	<0.02	<0.02
D-060508	06/05/08	**0.04**	<0.02	<0.02	<0.02	<0.02	<0.02	**0.04**	**0.02**	<0.02
Cleanup Level		643	NE	25,900	NE	90	3,460	4,940	NE	2,590

Notes:

[1]The approximate monitoring well locations are shown in Figure 4.

[2]Polycyclic aromatic hydrocarbons (PAHs) analyzed using EPA Method 8270SIM. The full list of PAHs that were analyzed is presented in Appendix C.

µg/l = micrograms per liter.

NE = not established.

D = Duplicate groundwater sample. Sample D-060508 is representative of sample MW-4A.

Chemical analyses performed by CCI Analytical Laboratories, Everett, Washington.

Bolding indicates analyte was detected. Shading indicates the detected concentration exceeds the respective cleanup level.

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TABLE 8

SUMMARY OF GROUNDWATER CHEMICAL ANALYTICAL DATA

CARCINOGENIC PAHS

INTERIM REMEDIAL ACTION - CAP SANTE MARINE

ANACORTES, WASHINGTON

Monitoring Well[1]	Date Sampled	Carcinogenic PAHs[2] (µg/l)							
		Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(k)-fluoranthene	Chrysene	Dibenz(a,h)-anthracene	Indeno(1,2,3-cd)-pyrene	Total cPAHs (TEQ)[3]
MW-1A	06/05/08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.02
MW-2A	06/05/08	**0.21**	**0.02**	**0.03**	**0.03**	**0.19**	<0.02	<0.02	**0.050**
MW-3A	06/05/08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.02
MW-4A	06/05/08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.02
D-060508	06/05/08	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.02
Cleanup Level		0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.1

Notes:

[1]The approximate monitoring well locations are shown in Figure 4.

[2]Polycyclic aromatic hydrocarbons (PAHs) analyzed using EPA Method 8270SIM. The full list of PAHs that were analyzed is presented in Appendix C.

[3]Total carcinogenic PAHs calculated using toxicity equivalency (TEQ) methodology relative to benzo(a)pyrene. cPAHs that were not detected were assigned a value of one half of the detection limit for these calculations.

µg/l = micrograms per liter.

D = Duplicate groundwater sample. Sample D-060508 is representative of sample MW-4A.

Chemical analyses performed by CCI Analytical Laboratories, Everett, Washington.

Bolding indicates analyte was detected. Shading indicates the detected concentration exceeds the respective cleanup level.

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TABLE 9
SUMMARY OF GROUNDWATER FIELD PARAMETERS
INTERIM REMEDIAL ACTION - CAP SANTE MARINE
ANACORTES, WASHINGTON

Monitoring Well[1]	Date Measured	pH[2]	Conductivity[2] (mS/cm)	Turbidity[2] (ntu)	Dissolved Oxygen[2] (ppm)	Temperature[2] (^{o}C)
MW-1A	06/05/08	7.0	4.4	17	1.1	13
MW-2A	06/05/08	6.8	7.7	550	1.6	13
	06/23/08	6.3	0.6	27	3.8	16
MW-3A	06/05/08	6.7	8.1	63	2.5	12
MW-4A	06/05/08	7.6	18.9	7	1.1	12

Notes:

[1] The approximate monitoring well locations are shown in Figure 4.

[2]Measurements made using a Horiba-22 water quality meter.

mS/cm = milliSiemens per centimeter ntu = nephelometric turbidity units ppm = parts per million ˚C = Degrees Centigrade

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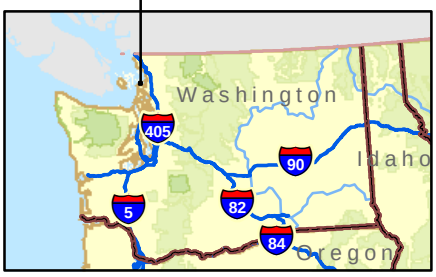

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Feet

Notes:
1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. can not guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
3. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without permission.

Data Sources: ESRI Data & Maps, Street Maps 2005

Transverse Mercator, Zone 10 N North, North American Datum 1983
North arrow oriented to grid north

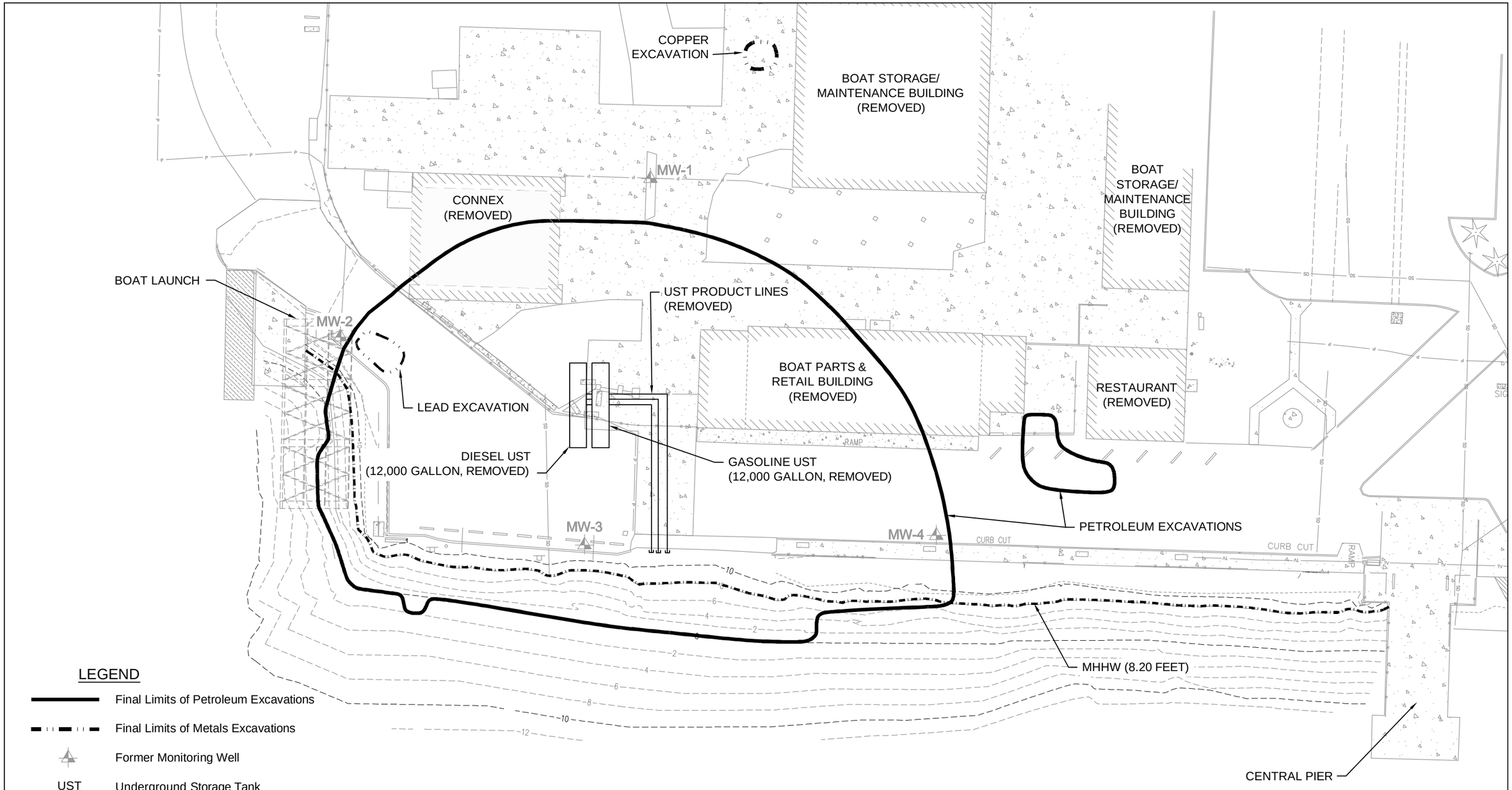
Vicinity Map

Cap Sante Marine RI/FS/CAP
Port of Anacortes, Washington

GeoEngineers

Figure 1

Office: SEA Path: P:\5\5147005\03\GIS\F1-0514700503_F1.mxd Map Revised: November 21, 2008 MM2



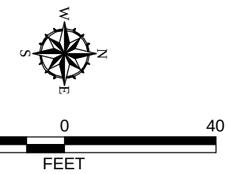
LEGEND

———	Final Limits of Petroleum Excavations
– – –	Final Limits of Metals Excavations
▲	Former Monitoring Well
UST	Underground Storage Tank
MHHW	Mean Higher High Water

Notes

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. can not guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Reference: Base Map based on Topographic Survey, August 2007 by Leonard, Boudinot & Skodje Inc.

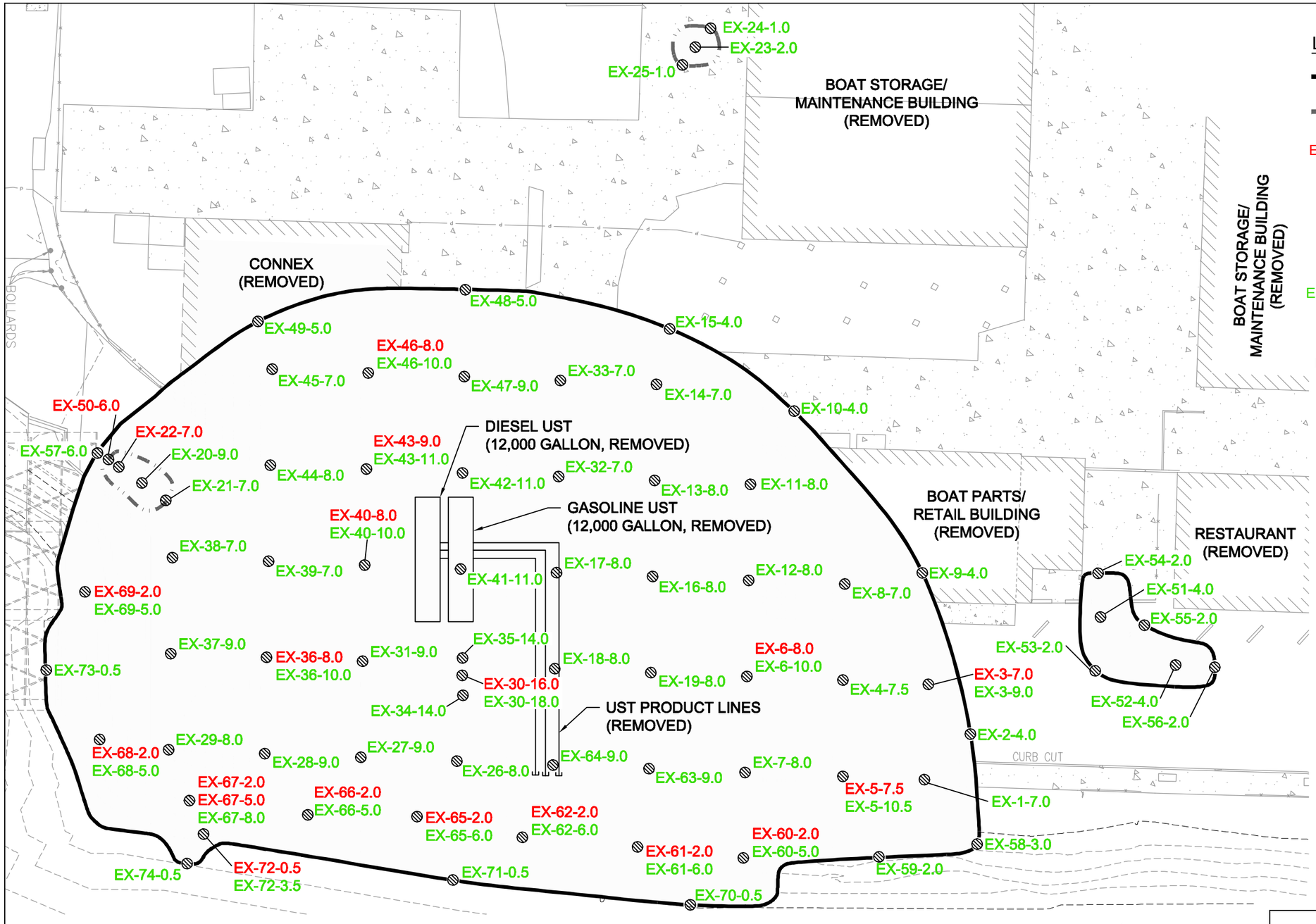


Site Plan and Final Excavation Limits

Cap Sante Marine - Interim Remedial Action
Anacortes, Washington

GeoEngineers

Figure 2



Legend:

- Final Limits of Petroleum Excavations
- Final Limits of Metals Excavations
- EX-5-7.5 — Confirmation soil sample with analyte concentration(s) exceeding Site cleanup levels (see tables 1 through 4). Soil characterized by this sample was subsequently excavated and transported off site for permitted disposal.
- EX-5-10.5 — Confirmation soil sample with analyte concentration(s) less than Site cleanup levels (see tables 1 through 4)
- EX-5-10.5 — The last number in each sample name indicates the depth the sample was obtained in feet below original ground surface.
- UST — Underground Storage Tank

Notes

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. can not guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Reference: Base Map based on Topographic Survey, August 2007 by Leonard, Boudinot & Skodje Inc.

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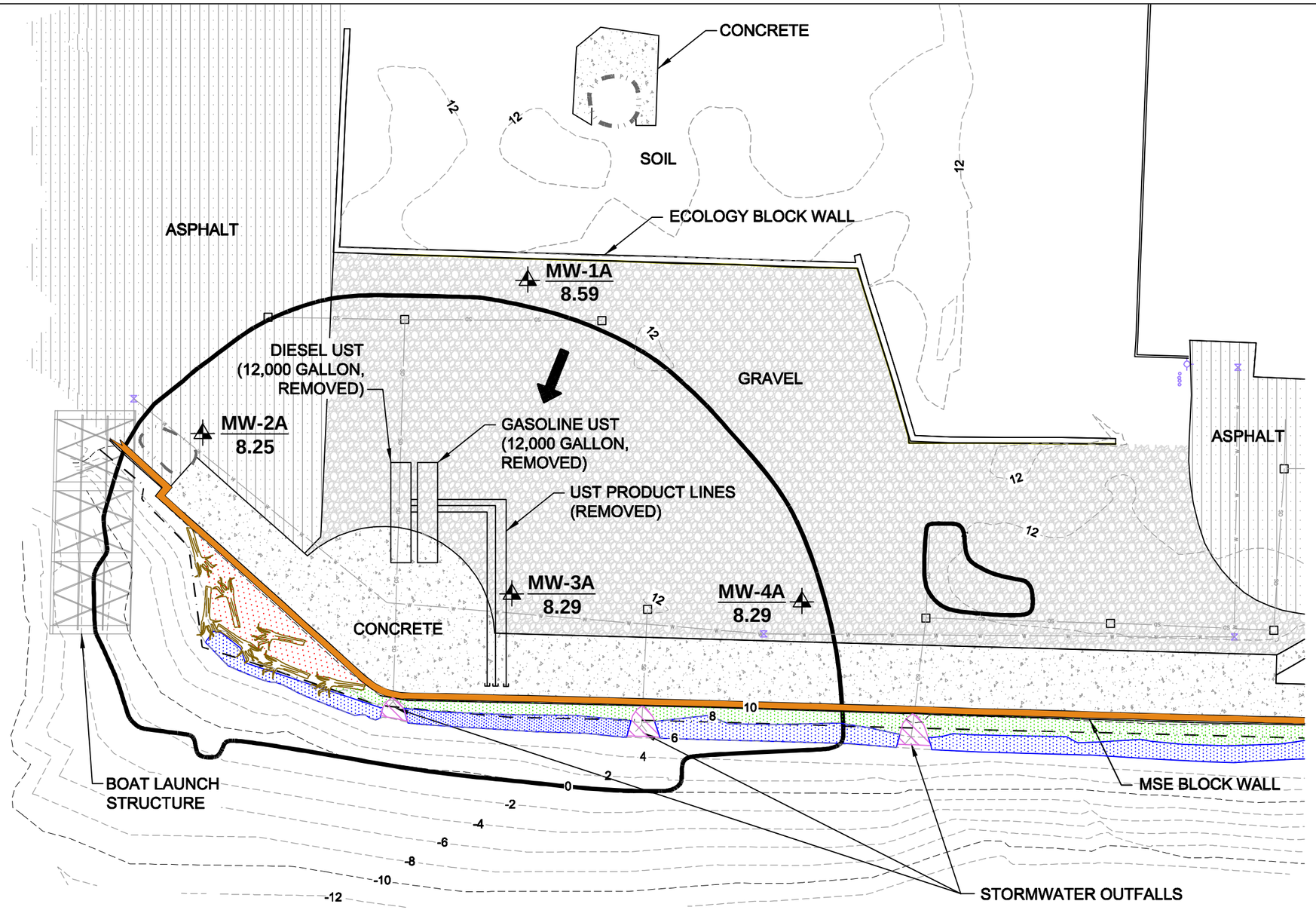
Final Excavation Limits and Confirmation Soil Sample Locations

Cap Sante Marine - Interim Remedial Action
Anacortes, Washington

GeoEngineers

Figure 3



Legend

Backshore Habitat

- Dune Grass

Transitional Habitat

- Tufted Hair Grass, Puget Sound Gumweed

High Marsh Habitat

- Lyngby's Sedge, Sea Coast Bulrush

Stormwater Outfalls Habitat

- Soft Stem Bulrush
- Large Woody Debris
- Concrete
- Asphalt
- Gravel
- Final Limits of Petroleum Excavations
- Final Limits of Metals Excavations
- Mean Higher High Water
- Catch Basin
- MW-2A / 8.25 — Post-Cleanup Compliance Monitoring Well / Groundwater Elevation (ft.)
- Groundwater Flow Direction
- UST — Underground Storage Tank

Notes

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. can not guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Reference: Base Map based on As-built Survey, April 2008 by Leonard, Boudinot & Skodje Inc.

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Site Restoration Features and Compliance Monitoring Wells

Cap Sante Marine - Interim Remedial Action
Anacortes, Washington

GeoEngineers

Figure 4

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APPENDIX A
UST REMOVAL DOCUMENTS

STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

PO Box 47600 • Olympia, WA 98504-7600 • 360-407-6000

TTY 711 or 800-833-6388 (for the speech or hearing impaired)

Date: 5/13/08

Port of Anacortes
P.O. Box 297
Anacortes, WA 98221-0297

We received information that indicates underground storage tank(s) at the following site have been closed:

Site Address: 1019 Q Ave, Anacortes Wa

Site # 1019 Tank(s) 1, 2

To avoid paying the annual tank fee, the following missing information still **needs to be submitted** to Ecology.

_____	Closure and Site Assessment Notice
_____	Site Check/Site Assessment Checklist
X	One copy of Site Assessment Report, or if contamination is found, a Site Assessment Characterization Report

Please return them to:

Washington State Department of Ecology
Underground Storage Tank Unit
PO Box 47655
Olympia, WA 98504-7665

Thank you for your cooperation. If you have any questions, please call me at (360) 407-7206.

Sincerely,

Tara Davis

Tara Davis
Underground Storage Tanks
Permit & Compliance
Toxics Cleanup Program
(enclosures)

WASHINGTON STATE DEPARTMENT OF ECOLOGY

UNDERGROUND STORAGE TANK
Site Check/Site Assessment Checklist

FOR OFFICE USE ONLY
Site #:
Owner #:

INSTRUCTIONS

When a release has not been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person certified by IFCI or a Washington registered professional engineer who is competent, by means of examination, experience, or education, to perform site assessments. **The results of the site check or site assessment must be included with this checklist.** This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

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

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

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

CHECKLIST: Please initial each item in the appropriate box.

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

Underground Storage Tank Section
Department of Ecology
PO Box 47655
Olympia WA 98504-7655

SITE INFORMATION

Site ID Number (Available from Ecology if the tanks are registered): ~~578~~ 619470

Site/Business Name: Port of Anacortes

Site Address: 1019 Q Avenue (Street) Telephone: (360) 299-1830

Anacortes (City) Washington (State) 98221 (Zip Code)

TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored
1	12,000	Gasoline
2	12,000	Diesel

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

_____ Investigate suspected release due to on-site environmental contamination.
_____ Investigate suspected release due to off-site environmental contamination.
_____ Extend temporary closure of UST system for more than 12 months.
_____ UST system undergoing change-in-service.
✓ UST system permanently closed with tank removed.
_____ Abandoned tank containing product.
_____ Required by Ecology or delegated agency for UST system closed before 12/22/88.
_____ Other (describe): _____

CHECKLIST

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.	YES	NO
1. The location of the UST site is shown on a vicinity map.	RST	
2. A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in site assessment guidance)	RST	
3. A summary of UST system data is provided. (see Section 3.1.)	RST	
4. The soils characteristics at the UST site are described. (see Section 5.2)	RST	
5. Is there any apparent groundwater in the tank excavation?	RST	
6. A brief description of the surrounding land use is provided. (see Section 3.1)	RST	
7. Information has been provided indicating the number and types of samples collected, methods used to collect and analyze the samples, and the name and address of the laboratory used to perform the analyses.	RST	
8. A sketch or sketches showing the following items is provided:		
- location and ID number for all field samples collected	RST	
- groundwater samples distinguished from soil samples (if applicable)		
- samples collected from stockpiled excavated soil		RST
- tank and piping locations and limits of excavation pit	RST	
- adjacent structures and streets	RST	
- approximate locations of any on-site and nearby utilities	RST	
9. If sampling procedures different from those specified in the guidance were used, has justification for using these alternative sampling procedures been provided? (see Section 3.4)		
10. A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method and detection limit for that method.	RST	
11. Any factors that may have compromised the quality of the data or validity of the results are described.	RST	

12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred.	RST	

SITE ASSESSOR INFORMATION

Robert Trohen — Person registered with Ecology

Geo Engineers — Firm Affiliated with

Business Address: 600 Stewart St., Suite 1700 (Street) Telephone: (206) 728-2674

Seattle (City) Washington (State) 98101 (Zip Code)

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

11-2-07 — Date

Signature of Person Registered with Ecology

Cap Sante Marina Will Fax P.L. Visit NWRO - Skagit

UNDERGROUND STORAGE TANK

30 DAY NOTICE

WASHINGTON STATE DEPARTMENT OF ECOLOGY

FOR OFFICE USE ONLY
Site ID #: 578
FS ID #: 6467942 7

VALIDATED
OCT 02 2007

See back of form for instructions

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

RECEIVED OCT 04 2007 DEPT. OF ECOLOGY TCP-NWRO

OCT 02 2007 ECOLOGY

Site Information

UBI Number 291-000-056

Site/Business Name PORT OF ANACORTES

Site Address (Street) 7019 'Q' AVENUE

City/State ANACORTES, WA

Zip Code 98221-0297 Telephone (360) 299-1830

Owner Information

(This form will be returned to this address)

UST Owner/Operator PORT OF ANACORTES
CONTACT: BOB ELSNER

Mailing Address (Street / P.O. Box) P.O. BOX 297

City/State ANACORTES, WA.

Zip Code 98221-0297 Telephone (360) 299-1830

Jenkins Dawson Proj. Mgr.

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

Service Company CLEARCREEK CONTRACTORS INC Contact Name MARK N. McCULLOUGH

Address (Street) 3203 - 15th ST P.O. Box Port 206-423-9967

EVERETT (City) WA (State) 98201 (Zip Code) Telephone (425) 252 5800

206-423-8120

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

Service Company CLEARCREEK CONTRACTORS INC Contact Name MARK N. McCULLOUGH

Address (Street) 3203 - 15th ST P.O. Box

EVERETT (City) WA (State) 98201 (Zip Code) Telephone 425 252 5800

Tank Closure Information

Fill out this section ONLY if tanks are being closed.

Tank ID	Projected Closure Date (10/4/08 Nov 6)	Tank Capacity	Substance Stored	Date Tank Last Used	Is There Product In the Tank (Yes/No)	If No, Date Tank Was Pumped
1	10/31/07	12,000	GASOLINE		NO	
2	10/31/07	12,000	DIESEL		NO	

Tank Installation Information

Fill out this section ONLY if tanks are being installed.

Tank ID	Approx. Install Date
1	12/15/07
2	12/15/07

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)

WASHINGTON STATE DEPARTMENT OF ECOLOGY

UNDERGROUND STORAGE TANK
Closure and Site Assessment Notice

See back of form for instructions

FOR OFFICE USE ONLY
Site ID #: _____
Facility Site ID #: _____

Please ✓ the appropriate box(es)
☐ Temporary Tank Closure ☐ Change-In-Service ☑ Permanent Tank Closure ☐ Site Check/Site Assessment

Site Information

Site ID Number 291-000-0516
(Available from Ecology if the tanks are registered)
Site/Business Name Port of Anacortes
Site Address 1019 "Q" Avenue
City/State Anacortes WA
Zip Code 98221 Telephone (360) 2991830

Owner Information

UST Owner/Operator Port of Anacortes
Mailing Address _____ (Street)
PO Box 297 (P.O. Box)
City/State Anacortes WA
Zip Code 98221-0297 Telephone (360) 299-1830

Owners Signature Jenkins Dawson

Tank Closure/Change-In-Service Company

Service Company Cedarcreek Contractors Inc
Certified Supervisor Paul Curnett Decommissioning Certification No. 1042763-U2
Supervisor's Signature PerC Date 11/1/07
Address 3203 15th St (Street) (P.O. Box)
Everett (City) WA (State) 98201 (Zip Code) Telephone (425) 252 5800

Site Check/Site Assessor

Certified Site Assessor _____
Address _____ (Street) (P.O. Box)
_____ (City) (State) (Zip Code) Telephone (___) _____

Tank Information

Tank ID	Closure Date	Closure Method	Tank Capacity	Substance Stored
1	11/1/07	Remove	12,000	Gasoline
2	11/1/07	Remove	12,000	Diesel

Contamination Present at the Time of Closure

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

☑ Yes ☐ No
If contamination is present, has the release been reported to the appropriate regional office?

To receive this document in an alternative format, contact the Toxics Cleanup Program at 360-407-7170 (voice) or 1-800-833-6388 OR 711 (TTY)

ECY 020-94 (Rev. 2-06)

WASHINGTON STATE DEPARTMENT OF ECOLOGY

UNDERGROUND STORAGE TANK
30 DAY NOTICE

See back of form for instructions

Please ✓ the appropriate box: ☑ Intent to Install ☑ Intent to Close ☑ Both

FOR OFFICE USE ONLY
Site ID #:
FS ID #:

Site Information

UBI Number 291-000-056

Site/Business Name PORT OF ANACORTES

Site Address 1019 "Q" AVENUE (Street)

City/State ANACORTES, WA

Zip Code 98221-0297 Telephone (360) 299-1830

Owner Information
(This form will be returned to this address)

UST Owner/Operator PORT OF ANACORTES
CONTACT: BOB EISNER

Mailing Address P.O. BOX 297 (Street / P.O. Box)

City/State ANACORTES, WA.

Zip Code 98221-0297 Telephone (360) 299-1830

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

Service Company CLEARCREEK CONTRACTORS INC Contact Name MARK N. McCULLOUGH

Address 3203 - 15th ST (Street / P.O. Box)

EVERETT (City) WA (State) 98201 (Zip Code) Telephone 425 252 5800

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

Service Company CLEARCREEK CONTRACTORS INC Contact Name MARK N. McCULLOUGH

Address 3203 - 15th ST (Street / P.O. Box)

EVERETT (City) WA (State) 98201 (Zip Code) Telephone 425 252 5800

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
1	10/31/07	12,000	GASOLINE		NO	
2	10/31/07	12,000	DIESEL		NO	

Tank Installation Information
Fill out this section ONLY if tanks are being installed.

Tank ID	Approx. Install Date
1	12/15/07
2	12/15/07

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)

Emerald SERVICES INC.

7343 E. Marginal Way South
Seattle, Washington 98198
(206) 832-3000
Fax: (206) 832-3030

20768e, R, Ko
S 5200

PUMP AND RINSE CERTIFICATION

DATE: 10-17-07

TO WHOM IT MAY CONCERN Clear Creek Contructon

This letter is to certify that tank(s), size(s)

(10,000)? unknown.

have been pumped and rinsed for removal.

Work was performed at: 14:00 17 Oct 07

1019 G St Anacortes WA

For:

Remove

Please note that this letter does not certify that the above tank(s) have been cleaned for disposal or that it (they) should be considered gas-free.

Sincerely,
Emerald Services, Inc.

Underground Tank Division
762-1190

Emerald SERVICES INC.

7343 E. Marginal Way South
Seattle, Washington 98198
(206) 832-3000
Fax: (206) 832-3030

207086, R, 11e
S 5200

PUMP AND RINSE CERTIFICATION

DATE: 10-17-07

TO WHOM IT MAY CONCERN Clear Creek Contruction

This letter is to certify that tank(s), size(s) 10,000?

unknown

have been pumped and rinsed for removal.

Work was performed at: 14:00 17 Oct-07

1019 O st. Annacortes WA

For:

Remove

Please note that this letter does not certify that the above tank(s) have been cleaned for disposal or that it (they) should be considered gas-free.

Sincerely,
Emerald Services, Inc.

Underground Tank Division
762-1190

SAFE FOR ENTRY PERMIT

2070860

Clearcreek CONTRACTORS
Environmental/Civil

Permit No 1

Competent Person Signature

Customer	Date	Time	Expires
POA	11/1/07	11:30	END of Shift

Name or Number of Vessel	Space to be cleaned and product
12000 GAL GAS TANK.	TANK GAS -

TESTS PERFORMED

Meter Used Multi Rae								
Breathing Air Comp.	OVR							
Time of Test	11:30							
Lower Explosive Limit	0 %	%	%	%	%	%	%	%
Oxygen Content	20.8 %	%	%	%	%	%	%	%
Breathing Air Compressor Carbon Monoxide Content	N/A PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
Toluene Content	N/A PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
Benzene Content <1	N/A PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM

TANK INSPECTION AND EQUIPMENT CHECK LIST

	Yes	No	N/A		Yes	No	N/A
Blinding in place/lines broken	☒	☐	☐	Permit for Steam Machine Req'd.	☐	☐	☒
Electrical service locked out	☐	☐	☒	Compressor and alarms checked	☐	☐	☒
Tank/Vessel grounded	☒	☐	☐	Airlines/respirator masks ck'd	☒	☐	☐
Ignition sources isolated	☒	☐	☐	Proper harness and life lines being used	☒	☐	☐
Ventilators grounded	☒	☐	☐				
Air/Water/Suction lines grounded	☒	☐	☐	Air reserve bottle/resuscitator/ Scott Pack backup ready for use	☐	☐	☒
Pumps grounded	☐	☐	☒	Required protective clothing being used	☒	☐	☐
Vacuum truck grounded	☒	☐	☐				
Compressor/grounded	☐	☐	☒	First Aid Kit/Fire Ext. on site	☒	☐	☐

TRAINING INSTRUCTIONS

Conditions of Adjoining Spaces
GAS. TANK W/ MARINE CHEMIST ON SITE

Precautions on Entry
TAGA GAUGE W/ SAFE SOK ENTRY. WASH DOWN TANK, SHOOT OUT SIDE HOOK UP VENTILATION

Employees Present
1. ALVIN MASON
2. RAUL
3. TAGA KNAVE
4. MARTY T

Employees Present
5.
6.
7.
8.

JOB#207086

SAFE FOR ENTRY PERMIT

Clearcreek CONTRACTORS
Environmental/Civil

Permit No 2

Competent Person Signature

Customer	Date	Time	Expires
P.O.A.	11/1/07	12:41	End of Shift

Name or Number of Vessel	Space to be cleaned and product
12000 GAL DIESEL TANK	TANK DIESEL

TESTS PERFORMED

Meter Used	MULTI RAE							
Breathing Air Comp.	OUR							
Time of Test	12:41							
Lower Explosive Limit	0 %	%	%	%	%	%	%	%
Oxygen Content	20.9 %	%	%	%	%	%	%	%
Breathing Air Compressor Carbon Monoxide Content	N/A PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
Toluene Content	N/A PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
Benzene Content	~~N/A~~ PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM

L.1

TANK INSPECTION AND EQUIPMENT CHECK LIST

	Yes	No	N/A		Yes	No	N/A
Blinding in place/lines broken	X			Permit for Steam Machine Req'd.			X
Electrical service locked out			X	Compressor and alarms checked			X
Tank/Vessel grounded	X			Airlines/respirator masks ck'd	X		
Ignition sources isolated	X			Proper harness and life lines being used	X		
Ventilators grounded	X						
Air/Water/Suction lines grounded	X			Air reserve bottle/resuscitator/ Scott Pack backup ready for use			X
Pumps grounded			X	Required protective clothing being used	X		
Vacuum truck grounded	X						
Compressor/grounded			X	First Aid Kit/Fire Ext. on site	X		

TRAINING INSTRUCTIONS

Conditions of Adjoining Spaces

DIESEL TANK W/ MARINE chemist ON SITE

Precautions on Entry

SPACE SEN ENTRY PERMIT
WASH DOWN TANK FROM OUTSIDE
HOOK UP VENTILATION

Employees Present	Employees Present
1. PAUL C	5.
2. TACA KANE	6.
3. MARK	7.
4. JAMIAR MASON (EMERALD)	8.

Skagit River Steel & Recycling, Inc.
Serving You Since 1958
1265 South Anacortes Street
P.O. Box 376
Burlington, WA 98233-0376
(360) 757-6096, FAX (360) 757-8820

Scale Ticket
Receiving Ticket

Receiving Ticket #: **57840**

Scale:	RomBigScale1
Started At:	1/14/2008 9:48:22AM
Weighmaster:	Aaron Coulter
Completed At:	1/14/2008 10:04:48AM
Weighmaster:	Ric Gonzalez

Received From:
CLEARCREEK CONTRACTORS
3203 15TH STREET
EVERETT, WA. 98201

Trlr/Chasis No.: 40-25

Driver: Richard Sheppard

Item Name	Packaging	Gross (lbs)	Tare (lbs)	Adj (lbs)	Net (lbs)
#1 UNPREPARED SCRAP		46,720.0 S 1	34,500.0 S 1	0.00	12,220.0
		46,720.0	**34,500.0**		**12,220.0**

Full Truck Weights (lbs)

Gross:	46,720.0	S 1	
Tare:	34,500.0	S 1	
Net:	12,220.0		
Items:	12,220.0	Boxes on Truck	
Diff:	0		

Skagit River Steel & Recycling
Weigh-in

Deputy _____
Aaron Coulter

Skagit River Steel & Recycling
Complete

Deputy _____
Ric Gonzalez

RECYCLING TODAY FOR TOMORROW'S FUTURE

8 TO 4:30 MONDAY THROUGH FRIDAY 8 TO NOON SATURDAY

Ticket Completed at : 1/14/2008 10:04:48AM

Skagit River
Steel & Recycling, Inc.
Serving You Since 1958
1265 South Anacortes Street
P.O. Box 376
Burlington, WA 98233-0376
(360) 757-6096, FAX (360) 757-8620

Scale Ticket
Receiving Ticket

Receiving Ticket #: **54809**

Scale: RomBigScale1
Started At: 11/2/2007 10:45:35AM
Weighmaster: Ric Gonzalez
Completed At: 11/2/2007 1:11:47PM
Weighmaster:

Received From:
CLEARCREEK CONTRACTORS
3203 15TH STREET
EVERETT, WA. 98201

Item Name	Packaging	Gross (lbs)	Tare (lbs)	Adj (lbs)	Net (lbs)
DIESEL TANK		59,940.0 S 1	49,840.0 S 1	0.00	10,100.0
#2 UNPREPARED SCRAP		59,820.0 S 1	49,840.0 S 1	0.00	9,980.0
		119,760.0	**99,680.0**		**20,080.0**

Skagit River Steel & Recycling
Weigh-in

Deputy _____
Ric Gonzalez

Skagit River Steel & Recycling
Complete

Deputy _____

RECYCLING TODAY FOR TOMORROW'S FUTURE

8 TO 4:30 MONDAY THROUGH FRIDAY 8 TO NOON SATURDAY

Ticket Completed at : 11/2/2007 1:11:47PM

APPENDIX B
FIELD PROCEDURES

APPENDIX B
FIELD PROCEDURES

REMEDIAL EXCAVATION SOIL SAMPLING PROCEDURES

The remedial excavation activities were completed by Clearcreek Contractors (Clearcreek) of Everett, Washington. Track-mounted excavators were the primary equipment used for remedial excavation activities. Additional soil removal activities were performed by Clearcreek during installation of the temporary excavation shoring (sheet pile wall). Excavation shoring was installed by Ford Crane Inc. of Everett, Washington.

A representative of GeoEngineers was on-site during excavation and shoring installation activities to evaluate the extent of contamination, to conduct field screening of samples, to assist the contractor in segregating clean and contaminated soil and to obtain confirmatory soil samples from the excavation limits for chemical analyses. Soil samples obtained directly from the excavation sidewalls and base or from the excavator bucket were placed into clean sample jars provided by the analytical laboratory. Each sample that was submitted for analysis was identified by a unique sample designation that corresponded to its mapped sample location and depth. Sample containers were filled completely to minimize headspace. The remaining portion of each sample was used for field screening. The sampling equipment was decontaminated prior to each use with a Liqui-Nox® solution wash and a distilled water rinse. The samples were placed in an iced cooler pending transport to the analytical laboratory. Chain-of-custody procedures were followed in transporting the samples to the laboratory.

FIELD SCREENING OF SOIL SAMPLES

Soil samples obtained from the remedial excavations were screened in the field for evidence of petroleum contamination. Field screening results can be used as a general guideline to delineate areas of potential petroleum-related contamination in soils. In addition, screening results are used to aid in the selection of soil samples for chemical analysis. The screening methods used for this project included: (1) visual examination; (2) water sheen screening; and (3) headspace vapor screening with a photoionization detector (PID).

Visual screening consists of inspecting the soil for stains indicative of petroleum-related contamination. Visual screening is generally more effective when contamination is related to heavy petroleum hydrocarbons such as motor oil, or when hydrocarbon concentrations are high. Water sheen screening and headspace vapor screening are more sensitive methods that have been effective in detecting contamination at concentrations less than regulatory cleanup levels.

Water sheen screening involves placing soil in a pan of distilled water and observing the water surface for signs of sheen. Sheen screening may detect both volatile and nonvolatile petroleum hydrocarbons. Sheen classifications are as follows:

No Sheen (NS)	No visible sheen on water surface.
Slight Sheen (SS)	Light, colorless, dull sheen; spread is irregular, not rapid; sheen dissipates rapidly.
Moderate Sheen (MS)	Light to heavy sheen, may have some color/iridescence; spread is irregular to flowing; few remaining areas of no sheen on water surface.

Heavy Sheen (HS)	Heavy sheen with color/iridescence; spread is rapid; entire water surface may be covered with sheen.

Headspace vapor screening involves placing a soil sample in a plastic sample bag. Air is captured in the bag, and the bag is shaken to expose the soil to the air trapped in the bag. The probe of a PID is inserted into the bag, and the instrument measures the concentration of organic vapor in the air removed from the sample headspace. The PID measures concentrations in parts per million (ppm) and is calibrated to isobutylene. The PID is designed to quantify organic vapor concentrations in the range between 1 and 2,000 ppm.

Field screening results are site-specific and vary with soil type, soil moisture content, temperature and type of contaminant. The presence or absence of a sheen does not necessarily indicate the presence or absence of petroleum hydrocarbons in the sample.

EXCAVATION DEWATERING SYSTEM MONITORING/SAMPLING

GeoEngineers visually monitored the excavation dewatering treatment system to evaluate whether the water treatment equipment was operating properly. Wastewater samples were obtained in accordance with City of Anacortes requirements for discharging water to the sanitary sewer. Field measurements of pH were made using a Hanna Instruments Combo ph\EC meter. Settable solids were measured in the field using an Imhoff Cone. Water samples submitted for chemical analysis were obtained in clean, laboratory-prepared containers. Samples requiring preservative had the proper preservative in the laboratory-prepared bottles. The water samples were kept cool during transport under chain-of-custody documentation to the testing laboratory.

POST-INTERIM ACTION COMPLIANCE GROUNDWATER MONITORING

Drilling and Soil Sampling

Four compliance monitoring wells (MW-1A through MW-4A) were completed at the Site on May 27, 2008 to allow collection of post-interim action groundwater samples. The wells were drilled to depths of approximately 11 feet below ground surface (bgs) using truck-mounted, hollow-stem auger drilling equipment owned and operated by Cascade Drilling. Soil samples were obtained from the borings at 5-foot depth intervals for field screening. Soil samples from the borings were obtained using a 3-inch-diameter, Dames and Moore (D&M) split-barrel sampler. The sampler was driven a maximum of 18 inches by a 300-pound weight falling a vertical distance of approximately 30 inches. The number of blows needed to advance the sampler the final 12 inches or other specified distance is indicated to the left of the corresponding sample notation on the boring log. Soil from the middle section of the split-barrel sampler was placed in containers provided by the testing laboratory for potential chemical analysis. The remaining portion of the sample was placed in a plastic bag for field screening. The sampling equipment was decontaminated before each sampling attempt with a Liqui-Nox® solution wash and distilled water rinse. Field screening was performed on soil samples from the monitoring well borings using the screening procedures described above. The clean soil cuttings generated during drilling activities were spread on the ground surface at the Site west of MW-1A.

Monitoring Well Construction

Monitoring wells were constructed in each soil boring at the completion of drilling. Two-inch-diameter, Schedule 40 polyvinyl chloride (PVC) pipe was installed in the borings during well construction activities. The lower portion of the PVC pipe is machine slotted (0.010-inch slot width) to allow entry of water into the well casings. Medium sand was placed in the borehole annulus surrounding the slotted

portion of the well. The well casing is protected within a flush-mount surface monument equipped with a lockable compression cap. Monitoring well construction details are shown on the boring logs included in this Appendix.

The monitoring wells were developed by removing approximately five saturated well volumes of groundwater from the wells with new disposable plastic bailers. Approximately 20 gallons of water generated during decontamination of drilling equipment and well development were stored on Port property in a labeled 55-gallon drum pending transport off site for disposal.

Groundwater Elevations

Well casing rim elevations were surveyed by GeoEngineers. Groundwater elevations are referenced to actual elevations of Site features based on survey information provided to GeoEngineers by the Port of Anacortes. The depth to groundwater was measured in the monitoring wells using an electric water level indicator. The depth to groundwater was measured relative to the top of the well casings. Water level measurement equipment was washed in a Liqui-Nox® solution, followed by a distilled water rinse prior to use in the well. Groundwater elevations were calculated by subtracting the depth to water from the casing rim elevation.

Groundwater Sampling

Groundwater samples were obtained from monitoring wells MW-1A through MW-4A using a peristaltic, low-flow pump. The water samples were transferred to clean, laboratory-prepared containers. Samples requiring preservative (for example, hydrochloric acid for volatile organic compound analyses) had the proper preservative in the laboratory-prepared bottles. Groundwater sample containers were filled completely to minimize headspace. The groundwater samples were kept cool during transport to the analytical laboratory. Purge water removed from the monitoring well casings prior to collecting groundwater samples was chemically analyzed. Approximately 9 gallons of water generated during well sampling activities were stored in a labeled 55-gallon drum on Port property pending transport off site for permitted disposal.

SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS GRAPH	SYMBOLS LETTER	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES
	MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
MORE THAN 50% RETAINED ON NO. 200 SIEVE	SAND AND SANDY SOILS	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS
				SP	POORLY-GRADED SANDS, GRAVELLY SAND
	MORE THAN 50% OF COARSE FRACTION PASSING NO. 4 SIEVE	SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
				SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS, ROCK FLOUR, CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
MORE THAN 50% PASSING NO. 200 SIEVE	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS AND SILTS OF MEDIUM TO HIGH PLASTICITY
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: Multiple symbols are used to indicate borderline or dual soil classifications

ADDITIONAL MATERIAL SYMBOLS

SYMBOLS GRAPH	SYMBOLS LETTER	TYPICAL DESCRIPTIONS
	CC	Cement Concrete
	AC	Asphalt Concrete
	CR	Crushed Rock/ Quarry Spalls
	TS	Topsoil/ Forest Duff/Sod

Measured groundwater level in exploration, well, or piezometer

Groundwater observed at time of exploration

Perched water observed at time of exploration

Measured free product in well or piezometer

Stratigraphic Contact

Distinct contact between soil strata or geologic units

Gradual change between soil strata or geologic units

Approximate location of soil strata change within a geologic soil unit

Sampler Symbol Descriptions

2.4-inch I.D. split barrel

Standard Penetration Test (SPT)

Shelby tube

Piston

Direct-Push

Bulk or grab

Blowcount is recorded for driven samplers as the number of blows required to advance sampler 12 inches (or distance noted). See exploration log for hammer weight and drop.

A "P" indicates sampler pushed using the weight of the drill rig.

Laboratory / Field Tests

%F	Percent fines
AL	Atterberg limits
CA	Chemical analysis
CP	Laboratory compaction test
CS	Consolidation test
DS	Direct shear
HA	Hydrometer analysis
MC	Moisture content
MD	Moisture content and dry density
OC	Organic content
PM	Permeability or hydraulic conductivity
PP	Pocket penetrometer
SA	Sieve analysis
TX	Triaxial compression
UC	Unconfined compression
VS	Vane shear

Sheen Classification

NS	No Visible Sheen
SS	Slight Sheen
MS	Moderate Sheen
HS	Heavy Sheen
NT	Not Tested

NOTE: The reader must refer to the discussion in the report text and the logs of explorations for a proper understanding of subsurface conditions. Descriptions on the logs apply only at the specific exploration locations and at the time the explorations were made; they are not warranted to be representative of subsurface conditions at other locations or times.

KEY TO EXPLORATION LOGS

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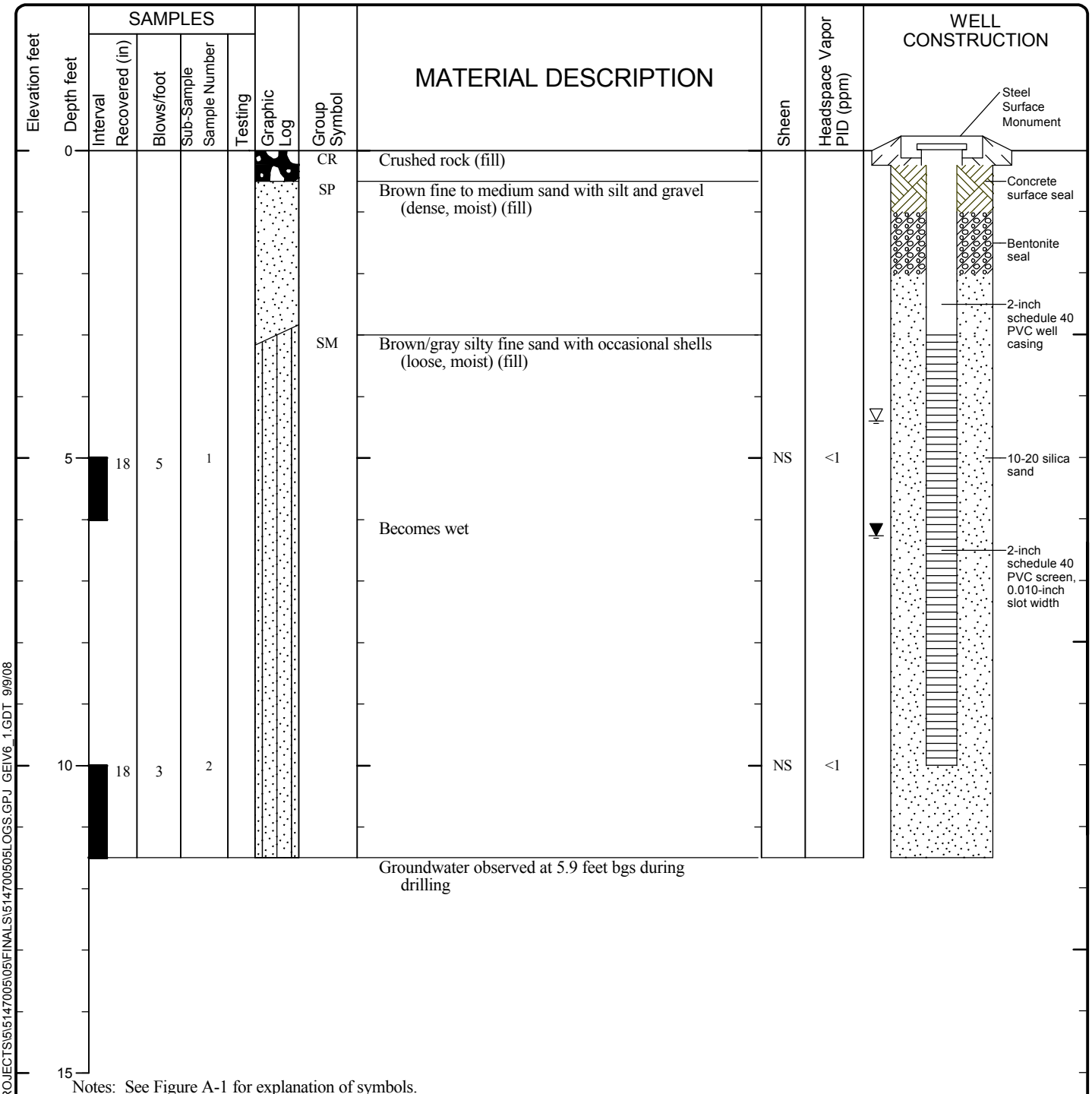
FIGURE B-1

Date(s) Drilled	5/27/08	Logged By	SHL	Checked By	RST
Drilling Contractor	Cascade Drilling	Drilling Method	Hollow Stem Auger	Sampling Methods	D&M
Auger Data	4-inch ID	Hammer Data	300 lb hammer/30 in drop automatic	Drilling Equipment	Truck-mounted B-61
Total Well Depth (ft)	10	Top of Casing Elevation (ft)	12.63	Groundwater Elevation (ft)	8.59
Vertical Datum		Datum/ System		Easting(x): Northing(y):	



Notes: See Figure A-1 for explanation of symbols.

LOG OF MONITORING WELL MW-1A

GeoEngineers

Project: Cap Sante Marine - Interim Remedial Action
Project Location: Anacortes, Washington
Project Number: 5147-005-05

FIGURE B-2
Sheet 1 of 1

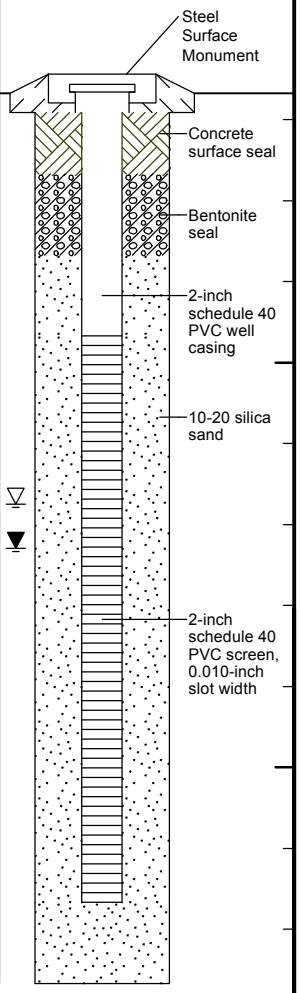
V6_ENVWELL W:\SEATTLE\PROJECTS\5\5147005\05\FINALS\5147005LOGS.GPJ GEIV6_1.GDT 9/9/08

Date(s) Drilled	5/27/08	Logged By	SHL	Checked By	RST
Drilling Contractor	Cascade Drilling	Drilling Method	Hollow Stem Auger	Sampling Methods	D&M
Auger Data	4-inch ID	Hammer Data	300 lb hammer/30 in drop automatic	Drilling Equipment	Truck-mounted B-61
Total Well Depth (ft)	10	Top of Casing Elevation (ft)	12.96	Groundwater Elevation (ft)	8.25
Vertical Datum		Datum/ System		Easting(x): Northing(y):	

Elevation feet	Depth feet	SAMPLES Interval	Recovered (in)	Blows/foot	Sub-Sample Sample Number	Testing	Graphic Log	Group Symbol	MATERIAL DESCRIPTION	Sheen	Headspace Vapor PID (ppm)
	0							AC	Asphalt		
								GP	Gray coarse gravel with fine to medium sand (dense, moist) (fill)		
								SP	Brown fine to medium sand with occasional gravel (dense, wet) (fill)		
	5		12	50/6"	1					NS	<1
	10		0	50/3"	2				No recovery	--	--
	15										

Groundwater observed at 5.25 feet bgs during drilling

WELL CONSTRUCTION



Notes: See Figure A-1 for explanation of symbols.

LOG OF MONITORING WELL MW-2A

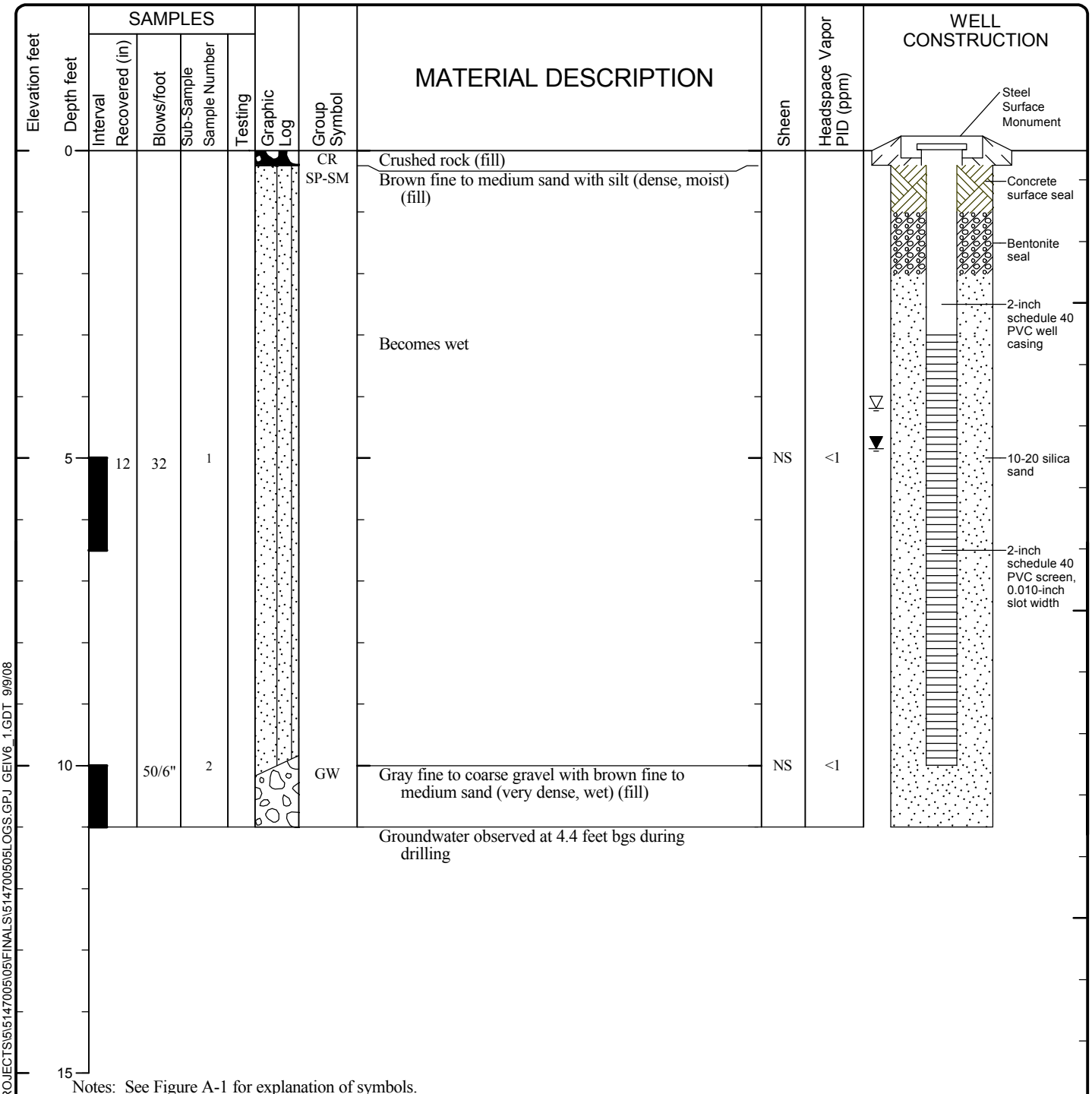
GeoEngineers

Project: Cap Sante Marine - Interim Remedial Action
Project Location: Anacortes, Washington
Project Number: 5147-005-05

FIGURE B-3
Sheet 1 of 1

V6_ENVWELL W:\SEATTLE\PROJECTS\5\5147005\05\FINALS\5147005LOGS.GPJ GEIV6_1.GDT 9/9/08

Date(s) Drilled	5/27/08	Logged By	SHL	Checked By	RST
Drilling Contractor	Cascade Drilling	Drilling Method	Hollow Stem Auger	Sampling Methods	D&M
Auger Data	4-inch ID	Hammer Data	300 lb hammer/30 in drop automatic	Drilling Equipment	Truck-mounted B-61
Total Well Depth (ft)	10	Top of Casing Elevation (ft)	12.03	Groundwater Elevation (ft)	8.29
Vertical Datum		Datum/ System		Easting(x): Northing(y):	



Notes: See Figure A-1 for explanation of symbols.

LOG OF MONITORING WELL MW-3A

GeoEngineers

Project: Cap Sante Marine - Interim Remedial Action
Project Location: Anacortes, Washington
Project Number: 5147-005-05

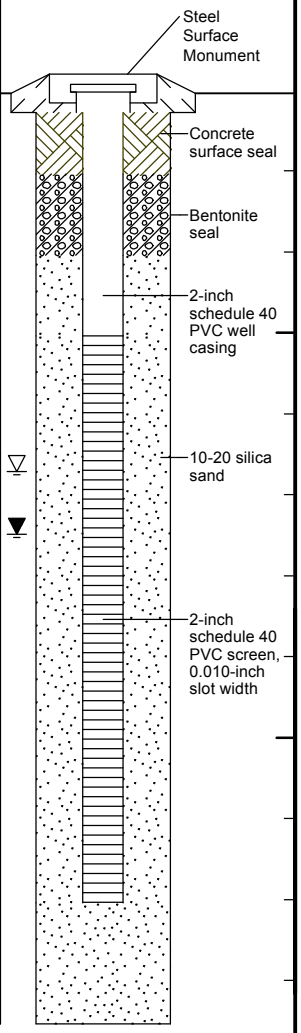
FIGURE B-4
Sheet 1 of 1

V6_ENVWELL W:\SEATTLE\PROJECTS\5\5147005\05\FINALS\5147005LOGS.GPJ GEIV6_1.GDT 9/9/08

Date(s) Drilled	5/27/08	Logged By	SHL	Checked By	RST
Drilling Contractor	Cascade Drilling	Drilling Method	Hollow Stem Auger	Sampling Methods	D&M
Auger Data	4-inch ID	Hammer Data	300 lb hammer/30 in drop automatic	Drilling Equipment	Truck-mounted B-61
Total Well Depth (ft)	10	Top of Casing Elevation (ft)	12.41	Groundwater Elevation (ft)	8.29
Vertical Datum		Datum/ System		Easting(x): Northing(y):	

Elevation feet	Depth feet	SAMPLES Interval Recovered (in)	Blows/foot	Sub-Sample Sample Number	Testing	Graphic Log	Group Symbol	MATERIAL DESCRIPTION	Sheen	Headspace Vapor PID (ppm)
	0						CR	Crushed rock (fill)		
							SP-SM	Brown fine to medium sand with silt and gravel (medium dense, moist) (fill)		
	5	18	12	1			SM	Brown/gray silty fine to medium sand with occasional shells (medium dense, wet) (fill)	NS	<1
	10	18	5	2					NS	<1
								Groundwater observed at 4.9 feet bgs during drilling		
	15									

WELL CONSTRUCTION



Notes: See Figure A-1 for explanation of symbols.

LOG OF MONITORING WELL MW-4A

GeoEngineers

Project: Cap Sante Marine - Interim Remedial Action
Project Location: Anacortes, Washington
Project Number: 5147-005-05

FIGURE B-5
Sheet 1 of 1

V6_ENVWELL W:\SEATTLE\PROJECTS\5\5147005\05\FINALS\5147005LOGS.GPJ GEIV6_1.GDT 9/9/08

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APPENDIX C
CHEMICAL ANALYTICAL PROGRAM (CD ATTACHED)

APPENDIX C
CHEMICAL ANALYTICAL PROGRAM

SAMPLES

Chain-of-custody procedures were followed during the transport of the field samples to the accredited analytical laboratory. The samples were held in cold storage pending extraction and/or analysis. The analytical results and laboratory quality control (QC) records are included in this appendix. The analytical results are summarized in the text and tables of this report.

ANALYTICAL DATA REVIEW

The laboratory maintains an internal quality assurance program as documented in its laboratory quality assurance manual. The laboratory uses a combination of blanks, surrogate recoveries, duplicates, matrix spike recoveries, matrix spike duplicate recoveries, blank spike recoveries and blank spike duplicate recoveries to evaluate the analytical results. The laboratory also uses data quality goals for individual chemicals or groups of chemicals based on the long-term performance of the test methods. The data quality goals were included in the laboratory reports. The laboratory compared each group of samples with the existing data quality goals and noted any exceptions in the laboratory report. Any data quality exceptions documented by the laboratory were reviewed by GeoEngineers and are addressed in the data quality exception section of this appendix.

DATA QUALITY EXCEPTION SUMMARY

The following data quality exceptions were noted in the laboratory report or during our review:

- Gasoline-, diesel- and/or oil-range petroleum hydrocarbons, benzene, ethylbenzene, toluene and/or xylenes reporting limits were raised because of limited/low sample volume for samples EX-2-4.0, EX-3-9.0, EX-4-7.5, EX-7-8.0, EX-10-4.0, EX-11-8.0, EX-12-8.0, EX-14-7.0, EX-15-4.0, EX-18-8.0, EX-20-9.0, EX-26-8.0, EX-27-9.0, EX-33-7.0, EX-36-8.0, EX-39-7.0, EX-40-8.0, EX-41-11.0, EX-43-9.0, EX-45-7.0, EX-48-8.0, EX-49-5.0, EX-50-6.0, EX-52-4.0, EX-53-2.0, EX-58-3.0, EX-59-2.0, EX-67-2.0, EX-68-2.0, EX-69-2.0, Dup-3 and Dup-4. Although the reporting limits for these samples were raised, the reporting limits were less than the applicable Site cleanup levels.
- The diesel-range hydrocarbon reporting limit for sample EX-68-2.0 was raised because of oil-range product overlap. Although the reporting limit for this sample was raised, the reporting limit was less then applicable Site cleanup levels.
- The reporting limit for sample DW-SL1-103007 was biased high because of volatile-range product overlap. Although the reporting limits for this sample was biased high, the reporting limits was less than the applicable City discharge criteria with the exception of benzene. Benzene was detected at a concentration exceeding the applicable discharge criteria. This sample was obtained upstream of the water treatment system and was intended to characterize baseline water quality prior to treatment.
- Surrogate recovery was outside of control limits with a high bias in samples EX-4-7.5, EX-33-7.0, EX-35-14.0, EX-36-8.0, EX-40-8.0, EX-41-11.0, EX-43-9.0, EX-45-7.0, EX-46-8.0 and EX-47-9.0. Surrogate analytes are also known as system monitoring compounds. The purpose of using a surrogate is to verify the accuracy of the instrument being used. Surrogates of known concentration are added by the analytical laboratory to the sample and passed through the instrument, noting the amount recovered. Each surrogate that was used has an acceptable range of percent recovery. If a surrogate recovery is low, sample results may be biased low and a

possibility of false negatives may exist. Conversely, when recoveries are above the specified range of acceptance a possibility of false positives exist. Because the samples showed no detections for all associated analytes, no corrective action was taken by the laboratory and the sample results are considered acceptable.

- Surrogate recovery was outside of control limits because of sample matrix effect in samples EX-12-8.0, EX-33-7.0, EX-50-6.0, EX-52-4.0, EX-53-2.0, EX-54-2.0, EX-55-2.0, EX-56-2.0. DW-SL4-110207. Matrix interferences are conditions unique to a sample or sample matrix that make it difficult to accurately quantify analyte concentrations. Sample matrix interferences may be caused by high clay fractions, very high or low pH, or very high contaminant concentrations. Matrix interferences for these soil samples are likely due to the high clay fractions present in soil at the Site. The analytical results for these samples are acceptable in our opinion.
- The surrogate recovery for sample EX-68-2.0 cannot be accurately quantified because of interference from coeluting compounds. Determination of compound concentrations using a GC/MS can be influenced by interference from other compounds or the chemistry of the matrix. Interference may be caused by high concentrations that "mask" similar compounds, creating difficulties in distinguishing and quantifying the compounds. Soil represented by EX-68-2.0 was subsequently over-excavated and removed from the site

Based on our review of the data quality exceptions, it is our opinion that the analytical data are of acceptable quality for their intended use in this report.

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APPENDIX D
SUMMARY OF DAILY SOIL DISPOSAL (SOIL DISPOSAL RECEIPTS ON ATTACHED CD)

Export Date	Job #	Facility	Material Type	Scale Ticket #	Trucking Co	Truck #	Bol #	Tons
10/25/2007	207086	Rinker	Class III/IV Soil	1876032888	Penny Lee	45	39135	25.45
10/25/2007	207086	Rinker	Class III/IV Soil	1876032890	Penny Lee	30/39	40488	30.12
10/25/2007	207086	Rinker	Class III/IV Soil	1876032891	Penny Lee	46/61	40543	26.65
10/25/2007	207086	Rinker	Class III/IV Soil	1876032906	SCE	13	7786	29.33
10/25/2007	207086	Rinker	Class III/IV Soil	1876032916	Nobach Topsoil	121 T&T	54303	30.34
10/25/2007	207086	Rinker	Class III/IV Soil	1876032922	Penny Lee	45	39135	30.8
10/25/2007	207086	Rinker	Class III/IV Soil	1876032925	Penny Lee	30/39	40488	30.51
10/25/2007	207086	Rinker	Class III/IV Soil	1876032926	Penny Lee	46/61	40543	31.17
10/25/2007	207086	Rinker	Class III/IV Soil	1876032936	SCE	13	7786	27.74
10/25/2007	207086	Rinker	Class III/IV Soil	1876032941	SCE	5	7739	34.31
10/25/2007	207086	Rinker	Class III/IV Soil	1876032946	Buck Thoms	11	1864	33.37
10/25/2007	207086	Rinker	Class III/IV Soil	1876032947	SCE	88	7486	33.64
10/25/2007	207086	Rinker	Class III/IV Soil	1876032948	Nobach Topsoil	121 T&T	54303	28.6
10/25/2007	207086	Rinker	Class III/IV Soil	1876032953	Penny Lee	45	39135	33.5
10/25/2007	207086	Rinker	Class III/IV Soil	1876032956	Penny Lee	46/61	40543	33.92
10/25/2007	207086	Rinker	Class III/IV Soil	1876032957	Penny Lee	30/39	40488	33.4
10/26/2007	207086	Rinker	Class III/IV Soil	1876032966	Penny Lee	45 T&T	39137	32.63
10/26/2007	207086	Rinker	Class III/IV Soil	1876032967	Nobach Topsoil	121 T&T	54304	34.76
10/26/2007	207086	Rinker	Class III/IV Soil	1876032971	Buck Thoms	11 T&T	1865	34.25
10/26/2007	207086	Rinker	Class III/IV Soil	1876032972	SCE	5 T&T	7740	36.24
10/26/2007	207086	Rinker	Class III/IV Soil	1876032975	Penny Lee	51 T&T	40526	33.75
10/26/2007	207086	Rinker	Class III/IV Soil	1876032976	SCE	88 T&T	7487	31.61
10/26/2007	207086	Rinker	Class III/IV Soil	1876032983	Penny Lee	50 / 59	40490	33.41
10/26/2007	207086	Rinker	Class III/IV Soil	1876032985	Rick Clark	10 T&T	3063	31.85
10/26/2007	207086	Rinker	Class III/IV Soil	1876033003	Penny Lee	45 T&T	39137	28.78
10/26/2007	207086	Rinker	Class III/IV Soil	1876033006	Nobach Topsoil	121 T&T	54304	32.45
10/26/2007	207086	Rinker	Class III/IV Soil	1876033007	Buck Thoms	11 T&T	1865	30.47
10/26/2007	207086	Rinker	Class III/IV Soil	1876033008	SCE	5 T&T	7740	30.57
10/26/2007	207086	Rinker	Class III/IV Soil	1876033012	SCE	88 T&T	7487	31.34
10/26/2007	207086	Rinker	Class III/IV Soil	1876033014	Rick Clark	10 T&T	3063	29.45
10/26/2007	207086	Rinker	Class III/IV Soil	1876033015	Penny Lee	51 T&T	40526	30.18
10/26/2007	207086	Rinker	Class III/IV Soil	1876033016	Penny Lee	50 / 59	40490	26.83
10/26/2007	207086	Rinker	Class III/IV Soil	1876033034	Penny Lee	45 T&T	39137	31.17
10/26/2007	207086	Rinker	Class III/IV Soil	1876033035	Nobach Topsoil	121 T&T	54304	26.84
10/26/2007	207086	Rinker	Class III/IV Soil	1876033036	Buck Thoms	11 T&T	1865	27.22
10/26/2007	207086	Rinker	Class III/IV Soil	1876033039	SCE	5 T&T	7740	33.28
10/26/2007	207086	Rinker	Class III/IV Soil	1876033044	SCE	88 T&T	7487	31.7
10/26/2007	207086	Rinker	Class III/IV Soil	1876033045	Rick Clark	10 T&T	3063	32
10/26/2007	207086	Rinker	Class III/IV Soil	1876033047	Penny Lee	50 / 59	40490	33.08
10/26/2007	207086	Rinker	Class III/IV Soil	1876033048	Penny Lee	51 T&T	40526	29.67
10/29/2007	207086	Rinker	Class III/IV Soil	1876033056	Penny Lee	51	39562	29.53
10/29/2007	207086	Rinker	Class III/IV Soil	1876033057	SCE	5	7742	28.07
10/29/2007	207086	Rinker	Class III/IV Soil	1876033059	SCE	6	7822	27.25
10/29/2007	207086	Rinker	Class III/IV Soil	1876033061	NWS	69	1262	29.18
10/29/2007	207086	Rinker	Class III/IV Soil	1876033065	Penny Lee	45	39140	29.91
10/29/2007	207086	Rinker	Class III/IV Soil	1876033069	Penny Lee	50/59	40491	28.19
10/29/2007	207086	Rinker	Class III/IV Soil	1876033073	Rick Clark	10	3064	27.74
10/29/2007	207086	Rinker	Class III/IV Soil	1876033089	Penny Lee	51	39562	30.17
10/29/2007	207086	Rinker	Class III/IV Soil	1876033093	SCE	5	7742	30.15
10/29/2007	207086	Rinker	Class III/IV Soil	1876033097	SCE	6	7822	27.98
10/29/2007	207086	Rinker	Class III/IV Soil	1876033101	NWS	69	1262	33.11
10/29/2007	207086	Rinker	Class III/IV Soil	1876033102	Penny Lee	45	39140	30.09
10/29/2007	207086	Rinker	Class III/IV Soil	1876033111	Penny Lee	50/59	40491	31.13
10/29/2007	207086	Rinker	Class III/IV Soil	1876033127	Penny Lee	51	39562	29.67
10/29/2007	207086	Rinker	Class III/IV Soil	1876033132	SCE	5	7742	29.89
10/29/2007	207086	Rinker	Class III/IV Soil	1876033136	Buck Thoms	11	1866	27.94
10/29/2007	207086	Rinker	Class III/IV Soil	1876033139	SCE	6	7822	29.05
10/29/2007	207086	Rinker	Class III/IV Soil	1876033140	Rick Clark	10	3064	32.21

Ticket Date	Job #	Facility	Material Type	Scale Ticket #	Trucking Co.	Truck #	Bowl #	Tons
10/29/2007	207086	Rinker	Class III/IV Soil	1876033144	Penny Lee	45	39140	29.99
10/29/2007	207086	Rinker	Class III/IV Soil	1876033147	Penny Lee	50/59	40491	30.15
10/30/2007	207086	Rinker	Class III/IV Soil	1876033155	Penny Lee	50 / 59	40492	30.14
10/30/2007	207086	Rinker	Class III/IV Soil	1876033157	Penny Lee	51	39566	30.95
10/30/2007	207086	Rinker	Class III/IV Soil	1876033161	Penny Lee	45	39141	32.33
10/30/2007	207086	Rinker	Class III/IV Soil	1876033162	NWS	69	1263	31.11
10/30/2007	207086	Rinker	Class III/IV Soil	1876033165	SCE	5	7743	35.19
10/30/2007	207086	Rinker	Class III/IV Soil	1876033172	Buck Thoms	11	1867	35.72
10/30/2007	207086	Rinker	Class III/IV Soil	1876033179	Rick Clark	10	3065	36.03
10/30/2007	207086	Rinker	Class III/IV Soil	1876033181	Penny Lee	50 / 59	40492	30.97
10/30/2007	207086	Rinker	Class III/IV Soil	1876033182	Penny Lee	51	39566	34.34
10/30/2007	207086	Rinker	Class III/IV Soil	1876033187	Penny Lee	45	39141	31.78
10/30/2007	207086	Rinker	Class III/IV Soil	1876033190	NWS	69	1263	34.34
10/30/2007	207086	Rinker	Class III/IV Soil	1876033195	SCE	5	7743	32.67
10/30/2007	207086	Rinker	Class III/IV Soil	1876033198	KBK	5-Feb	2565	31.69
10/30/2007	207086	Rinker	Class III/IV Soil	1876033199	Buck Thoms	11	1867	27.79
10/30/2007	207086	Rinker	Class III/IV Soil	1876033206	Rick Clark	10	3065	28.96
10/30/2007	207086	Rinker	Class III/IV Soil	1876033210	Penny Lee	50 / 59	40492	31.87
10/30/2007	207086	Rinker	Class III/IV Soil	1876033214	Penny Lee	51	39566	34.81
10/30/2007	207086	Rinker	Class III/IV Soil	1876033218	Penny Lee	45	39141	33.72
10/30/2007	207086	Rinker	Class III/IV Soil	1876033222	SCE	5	7743	33.67
10/30/2007	207086	Rinker	Class III/IV Soil	1876033223	NWS	69	1263	33.66
10/30/2007	207086	Rinker	Class III/IV Soil	1876033224	KBK	5-Feb	2565	32.48
10/30/2007	207086	Rinker	Class III/IV Soil	1876033225	Buck Thoms	11	1867	29.14
10/31/2007	207086	Rinker	Class III/IV Soil	1876033234	SCE	5	7744	31.39
10/31/2007	207086	Rinker	Class III/IV Soil	1876033236	SCE	88	7489	28.99
10/31/2007	207086	Rinker	Class III/IV Soil	1876033238	Penny Lee	51	39567	27.56
10/31/2007	207086	Rinker	Class III/IV Soil	1876033242	KBK	5-Feb	2566	31.53
10/31/2007	207086	Rinker	Class III/IV Soil	1876033263	Penny Lee	45	39143	27.5
10/31/2007	207086	Rinker	Class III/IV Soil	1876033266	Penny Lee	50 / 59	40493	25.46
10/31/2007	207086	Rinker	Class III/IV Soil	1876033268	SCE	5	7744	29.29
10/31/2007	207086	Rinker	Class III/IV Soil	1876033270	SCE	88	7489	28.65
10/31/2007	207086	Rinker	Class III/IV Soil	1876033273	Penny Lee	51	39567	29.26
10/31/2007	207086	Rinker	Class III/IV Soil	1876033277	KBK	5-Feb	2566	32.89
10/31/2007	207086	Rinker	Class III/IV Soil	1876033278	Rick Clark	10	3066	27.36
10/31/2007	207086	Rinker	Class III/IV Soil	1876033286	Buck Thoms	11	1868	28.29
10/31/2007	207086	Rinker	Class III/IV Soil	1876033290	Penny Lee	50 / 59	40493	26.44
10/31/2007	207086	Rinker	Class III/IV Soil	1876033291	SCE	5	7744	34.21
10/31/2007	207086	Rinker	Class III/IV Soil	1876033292	SCE	88	7489	32.04
10/31/2007	207086	Rinker	Class III/IV Soil	1876033294	Penny Lee	51	39567	30.86
10/31/2007	207086	Rinker	Class III/IV Soil	1876033295	KBK	5-Feb	2566	32.58
10/31/2007	207086	Rinker	Class III/IV Soil	1876033296	Rick Clark	10	3066	30.23
10/31/2007	207086	Rinker	Class III/IV Soil	1876033297	Buck Thoms	11	1868	27.63
11/1/2007	207086	Rinker	Class III/IV Soil	1876033300	Penny Lee	51	39568	29.61
11/1/2007	207086	Rinker	Class III/IV Soil	1876033305	KBK	5-Feb	2567	32.34
11/1/2007	207086	Rinker	Class III/IV Soil	1876033307	SCE	5	7745	30.41
11/1/2007	207086	Rinker	Class III/IV Soil	1876033311	Penny Lee	50/59	40494	27.9
11/1/2007	207086	Rinker	Class III/IV Soil	1876033314	Buck Thoms	11	1827	21.61
11/1/2007	207086	Rinker	Class III/IV Soil	1876033316	SCE	88	7490	25.75
11/1/2007	207086	Rinker	Class III/IV Soil	1876033318	Clearcreek	40/50	3488	28.32
11/1/2007	207086	Rinker	Class III/IV Soil	1876033319	Rick Clark	10	3067	33.91
11/1/2007	207086	Rinker	Class III/IV Soil	1876033331	Penny Lee	51	39568	35.33
11/1/2007	207086	Rinker	Class III/IV Soil	1876033335	KBK	5-Feb	2567	32.61
11/1/2007	207086	Rinker	Class III/IV Soil	1876033338	SCE	5	7745	34.95
11/1/2007	207086	Rinker	Class III/IV Soil	1876033340	Penny Lee	50/59	40494	29.28
11/1/2007	207086	Rinker	Class III/IV Soil	1876033344	Buck Thoms	11	1827	32.62
11/1/2007	207086	Rinker	Class III/IV Soil	1876033347	SCE	88	7490	30.89
11/1/2007	207086	Rinker	Class III/IV Soil	1876033349	Penny Lee	45	39144	30.73

Export Date	AQ17	Facility	Material Type	Scale Ticket #	Hauling Co	Truck #	Net #	Tons
11/1/2007	207086	Rinker	Class III/IV Soil	1876033350	Rick Clark	10	3067	34.7
11/1/2007	207086	Rinker	Class III/IV Soil	1876033351	Clearcreek	40/50	3488	32.82
11/1/2007	207086	Rinker	Class III/IV Soil	1876033363	Penny Lee	51	39568	31.25
11/1/2007	207086	Rinker	Class III/IV Soil	1876033364	KBK	5-Feb	2567	32.82
11/1/2007	207086	Rinker	Class III/IV Soil	1876033366	SCE	5	7745	30.87
11/1/2007	207086	Rinker	Class III/IV Soil	1876033367	Penny Lee	50/59	40494	24.07
11/1/2007	207086	Rinker	Class III/IV Soil	1876033368	Buck Thoms	11	1827	27.82
11/1/2007	207086	Rinker	Class III/IV Soil	1876033369	SCE	88	7490	28.38
11/1/2007	207086	Rinker	Class III/IV Soil	1876033370	Penny Lee	45	39144	27.99
11/2/2007	207086	Rinker	Class III/IV Soil	1876033374	Penny Lee	51	39569	32.66
11/2/2007	207086	Rinker	Class III/IV Soil	1876033375	Buck Thoms	11	1828	29.99
11/2/2007	207086	Rinker	Class III/IV Soil	1876033376	Clearcreek	40/50	3489	26.68
11/2/2007	207086	Rinker	Class III/IV Soil	1876033377	Penny Lee	45	39145	31.15
11/2/2007	207086	Rinker	Class III/IV Soil	1876033380	SCE	5	7746	35.14
11/2/2007	207086	Rinker	Class III/IV Soil	1876033383	SCE	88	7491	31.91
11/2/2007	207086	Rinker	Class III/IV Soil	1876033385	Rick Clark	10	3068	34.24
11/2/2007	207086	Rinker	Class III/IV Soil	1876033386	Penny Lee	50/59	40495	29.03
11/2/2007	207086	Rinker	Class III/IV Soil	1876033404	Penny Lee	51	39569	29.44
11/2/2007	207086	Rinker	Class III/IV Soil	1876033406	Buck Thoms	11	1828	27.57
11/2/2007	207086	Rinker	Class III/IV Soil	1876033407	Clearcreek	40/50	3489	25.22
11/2/2007	207086	Rinker	Class III/IV Soil	1876033409	Penny Lee	45	39145	25.2
11/2/2007	207086	Rinker	Class III/IV Soil	1876033412	SCE	5	7746	30.15
11/2/2007	207086	Rinker	Class III/IV Soil	1876033414	SCE	88	7491	27.06
11/2/2007	207086	Rinker	Class III/IV Soil	1876033415	Penny Lee	50/59	40495	21.39
11/2/2007	207086	Rinker	Class III/IV Soil	1876033416	Rick Clark	10	3068	25.12
11/2/2007	207086	Rinker	Class III/IV Soil	1876033429	Penny Lee	51	39569	28.61
11/2/2007	207086	Rinker	Class III/IV Soil	1876033432	Buck Thoms	11	1828	28.14
11/2/2007	207086	Rinker	Class III/IV Soil	1876033434	Clearcreek	40/50	3489	27.01
11/2/2007	207086	Rinker	Class III/IV Soil	1876033438	Penny Lee	45	39145	27.78
11/2/2007	207086	Rinker	Class III/IV Soil	1876033439	SCE	5	7746	30.73
11/2/2007	207086	Rinker	Class III/IV Soil	1876033440	SCE	88	7491	29.67
11/2/2007	207086	Rinker	Class III/IV Soil	1876033441	Penny Lee	50/59	40495	26.73
11/2/2007	207086	Rinker	Class III/IV Soil	1876033442	Rick Clark	10	3068	32.71
11/5/2007	207086	Rinker	Class III/IV Soil	1876033444	PENNY LEE	51 T&T	40645	33.83
11/5/2007	207086	Rinker	Class III/IV Soil	1876033446	PENNY LEE	45 T&T	39146	34.26
11/5/2007	207086	Rinker	Class III/IV Soil	1876033448	SCE	5 T&T	7747	35.48
11/5/2007	207086	Rinker	Class III/IV Soil	1876033452	SCE	88 T&T	7492	31.36
11/5/2007	207086	Rinker	Class III/IV Soil	1876033456	PENNY LEE	50 / 59	40496	29.17
11/5/2007	207086	Rinker	Class III/IV Soil	1876033463	RICK CLARK	10 T&T	3069	36.07
11/5/2007	207086	Rinker	Class III/IV Soil	1876033480	PENNY LEE	51 T&T	40645	32.29
11/5/2007	207086	Rinker	Class III/IV Soil	1876033483	PENNY LEE	45 T&T	39146	30.25
11/5/2007	207086	Rinker	Class III/IV Soil	1876033490	SCE	88 T&T	7492	33.38
11/5/2007	207086	Rinker	Class III/IV Soil	1876033491	PENNY LEE	50 / 59	40496	25.47
11/5/2007	207086	Rinker	Class III/IV Soil	1876033493	SCE	5 T&T	7747	33.35
11/5/2007	207086	Rinker	Class III/IV Soil	1876033498	BUCK THOMS	11 T&T	1830	27.03
11/5/2007	207086	Rinker	Class III/IV Soil	1876033502	RICK CLARK	10 T&T	3069	28.32
11/5/2007	207086	Rinker	Class III/IV Soil	1876033516	PENNY LEE	51 T&T	40645	31.16
11/5/2007	207086	Rinker	Class III/IV Soil	1876033520	CLEARCREEK	40 / 50	3490	26.96
11/5/2007	207086	Rinker	Class III/IV Soil	1876033523	PENNY LEE	45 T&T	39146	28.23
11/5/2007	207086	Rinker	Class III/IV Soil	1876033524	RICK CLARK	10 T&T	3069	24.78
11/5/2007	207086	Rinker	Class III/IV Soil	1876033528	SCE	5 T&T	7747	27.89
11/5/2007	207086	Rinker	Class III/IV Soil	1876033530	SCE	88 T&T	7492	27.11
11/5/2007	207086	Rinker	Class III/IV Soil	1876033532	PENNY LEE	50 / 59	40496	25.47
11/5/2007	207086	Rinker	Class III/IV Soil	1876033537	BUCK THOMS	11 T&T	1830	27.73
11/5/2007	207086	Rinker	Class III/IV Soil	1876033538	RICK CLARK	10 T&T	3069	32.46
11/6/2007	207086	Rinker	Class III/IV Soil	1876033546	CLEARCREEK	40 / 50	3491	28.85
11/6/2007	207086	Rinker	Class III/IV Soil	1876033548	BUCK THOMS	11 T&T	1831	31.09
11/6/2007	207086	Rinker	Class III/IV Soil	1876033617	BUCK THOMS	11 T&T	1831	30.75

Import Date	Job #	Facility	Material Type	Scale Ticket #	Truck Name	Truck #	BOL #	Total
11/7/2007	207086	Rinker	Class III/IV Soil	1876033624	CLEARCREEK	40 / 50	3492	28.41
11/7/2007	207086	Rinker	Class III/IV Soil	1876033625	BUCK THOMS	11 T & T	1832	30.77
11/7/2007	207086	Rinker	Class III/IV Soil	1876033626	SCE	5 T&T	7748	34.55
11/7/2007	207086	Rinker	Class III/IV Soil	1876033627	PENNY LEE	45 T&T	39149	31.81
11/7/2007	207086	Rinker	Class III/IV Soil	1876033628	SCE	88 T&T	7495	30.96
11/7/2007	207086	Rinker	Class III/IV Soil	1876033629	PENNY LEE	52 T&T	40620	32.26
11/7/2007	207086	Rinker	Class III/IV Soil	1876033630	SCE	13 T&T	7792	34.02
11/7/2007	207086	Rinker	Class III/IV Soil	1876033633	RICK CLARK	10 T&T	3070	27.36
11/7/2007	207086	Rinker	Class III/IV Soil	1876033634	ROB GRAHAM	21 T&T	1256	33.65
11/7/2007	207086	Rinker	Class III/IV Soil	1876033637	A&H	68 / 60	5244	31.12
11/7/2007	207086	Rinker	Class III/IV Soil	1876033644	PENNY LEE	50 / 59	40499	31.5
11/7/2007	207086	Rinker	Class III/IV Soil	1876033655	BUCK THOMS	11 T&T	39149	24.19
11/7/2007	207086	Rinker	Class III/IV Soil	1876033656	SCE	5 T&T	7748	24.9
11/7/2007	207086	Rinker	Class III/IV Soil	1876033657	PENNY LEE	45 T&T	39149	23.43
11/7/2007	207086	Rinker	Class III/IV Soil	1876033658	SCE	88 T&T	7495	24.61
11/7/2007	207086	Rinker	Class III/IV Soil	1876033660	PENNY LEE	52 T&T	40620	26.63
11/7/2007	207086	Rinker	Class III/IV Soil	1876033661	SCE	13 T&T	7792	26.21
11/7/2007	207086	Rinker	Class III/IV Soil	1876033665	RICK CLARK	10 T&T	3070	26.84
11/7/2007	207086	Rinker	Class III/IV Soil	1876033667	ROB GRAHAM	21 T&T	1256	28.94
11/7/2007	207086	Rinker	Class III/IV Soil	1876033669	A&H	68 / 60	5244	30.84
11/7/2007	207086	Rinker	Class III/IV Soil	1876033683	PENNY LEE	50 / 59	40499	23.32
11/7/2007	207086	Rinker	Class III/IV Soil	1876033688	BUCK THOMS	11 T&T	1832	27.58
11/7/2007	207086	Rinker	Class III/IV Soil	1876033689	SCE	5 T&T	7748	31.41
11/7/2007	207086	Rinker	Class III/IV Soil	1876033690	PENNY LEE	45 T&T	39149	27.25
11/7/2007	207086	Rinker	Class III/IV Soil	1876033691	SCE	13 T&T	7792	27.97
11/7/2007	207086	Rinker	Class III/IV Soil	1876033692	SCE	88 T&T	7495	27.88
11/7/2007	207086	Rinker	Class III/IV Soil	1876033695	PENNY LEE	52 T&T	40620	28.29
11/7/2007	207086	Rinker	Class III/IV Soil	1876033698	ROB GRAHAM	21 T&T	1256	31.61
11/7/2007	207086	Rinker	Class III/IV Soil	1876033699	RICK CLARK	10 T&T	3070	29.11
11/7/2007	207086	Rinker	Class III/IV Soil	1876033703	A&H	68 / 60	5244	31.2
11/8/2007	207086	Rinker	Class III/IV Soil	1876033710	SCE	5 T&T	7749	31.71
11/8/2007	207086	Rinker	Class III/IV Soil	1876033711	BUCK THOMS	11 T&T	1833	24.39
11/8/2007	207086	Rinker	Class III/IV Soil	1876033716	PENNY LEE	45	39150	27.59
11/8/2007	207086	Rinker	Class III/IV Soil	1876033717	PENNY LEE	50 / 59	40500	26.54
11/8/2007	207086	Rinker	Class III/IV Soil	1876033718	PENNY LEE	52 T&T	49619	30.49
11/8/2007	207086	Rinker	Class III/IV Soil	1876033720	SCE	13 T&T	7793	28.29
11/8/2007	207086	Rinker	Class III/IV Soil	1876033722	A&H	68 / 60	5245	31.21
11/8/2007	207086	Rinker	Class III/IV Soil	1876033723	ROB GRAHAM	21	1257	26.89
11/8/2007	207086	Rinker	Class III/IV Soil	1876033725	Rick Clark	10	3071	29.91
11/8/2007	207086	Rinker	Class III/IV Soil	1876033728	K&M TRANSPORT	KM4 - T&T	1297	29.31
11/8/2007	207086	Rinker	Class III/IV Soil	1876033742	SCE	5 T&T	7749	30.41
11/8/2007	207086	Rinker	Class III/IV Soil	1876033744	BUCK THOMS	11 T&T	1833	31.67
11/8/2007	207086	Rinker	Class III/IV Soil	1876033745	PENNY LEE	45	39150	29.76
11/8/2007	207086	Rinker	Class III/IV Soil	1876033747	PENNY LEE	50 / 59	40500	30.15
11/8/2007	207086	Rinker	Class III/IV Soil	1876033750	PENNY LEE	52 T&T	49619	31.65
11/8/2007	207086	Rinker	Class III/IV Soil	1876033754	A&H	68 / 60	5245	31.89
11/8/2007	207086	Rinker	Class III/IV Soil	1876033755	ROB GRAHAM	21	1257	31.28
11/8/2007	207086	Rinker	Class III/IV Soil	1876033757	SCE	13 T&T	7793	28.44
11/8/2007	207086	Rinker	Class III/IV Soil	1876033758	K&M TRANSPORT	KM4 - T&T	1297	29.25
11/8/2007	207086	Rinker	Class III/IV Soil	1876033761	Rick Clark	10	3071	27.72
11/8/2007	207086	Rinker	Class III/IV Soil	1876033778	SCE	5 T&T	7749	30.15
11/8/2007	207086	Rinker	Class III/IV Soil	1876033782	BUCK THOMS	11 T&T	1833	24
11/8/2007	207086	Rinker	Class III/IV Soil	1876033783	PENNY LEE	45	39150	27.96
11/8/2007	207086	Rinker	Class III/IV Soil	1876033787	PENNY LEE	50 / 59	40500	24.47
11/8/2007	207086	Rinker	Class III/IV Soil	1876033789	PENNY LEE	52 T&T	49619	27.66
11/8/2007	207086	Rinker	Class III/IV Soil	1876033792	A&H	68 / 60	5245	30.63
11/8/2007	207086	Rinker	Class III/IV Soil	1876033794	ROB GRAHAM	21	1257	29.42
11/8/2007	207086	Rinker	Class III/IV Soil	1876033796	K&M TRANSPORT	KM4 - T&T	1297	30.21

Ticket Date	TA #	Facility	Material Type	Scale Ticket #	Truck Co.	Truck #	IBO #	Tons
11/8/2007	207086	Rinker	Class III/IV Soil	1876033797	K&M Transport	KM4 T&T	1297	29.31
11/9/2007	207086	Rinker	Class III/IV Soil	1876033801	SCE	5	7750	29.54
11/9/2007	207086	Rinker	Class III/IV Soil	1876033802	Penny Lee	50/59	40501	26.91
11/9/2007	207086	Rinker	Class III/IV Soil	1876033803	Penny Lee	51	40651	28.14
11/9/2007	207086	Rinker	Class III/IV Soil	1876033804	SCE	13	7794	29.95
11/9/2007	207086	Rinker	Class III/IV Soil	1876033805	Penny Lee	52	40618	30.62
11/9/2007	207086	Rinker	Class III/IV Soil	1876033806	Buck Thoms	11	1834	28.39
11/9/2007	207086	Rinker	Class III/IV Soil	1876033810	Penny Lee	45	39151	26.59
11/9/2007	207086	Rinker	Class III/IV Soil	1876033811	A & H	68/60	5246	30.81
11/9/2007	207086	Rinker	Class III/IV Soil	1876033813	KBK Trucking	5-Feb	2570	31.5
11/9/2007	207086	Rinker	Class III/IV Soil	1876033815	Exxel Pacific	12 T&T	2572	32.1
11/9/2007	207086	Rinker	Class III/IV Soil	1876033817	Rob Graham	21	1258	31.1
11/9/2007	207086	Rinker	Class III/IV Soil	1876033819	K&M Transport	KM-4	1298	29.35
11/9/2007	207086	Rinker	Class III/IV Soil	1876033822	Mike's Trucking	521	267400	22.09
11/9/2007	207086	Rinker	Class III/IV Soil	1876033823	Rick Clark	10	3072	24.97
11/9/2007	207086	Rinker	Class III/IV Soil	1876033827	J & J Guzman	T&T	2222	28.4
11/9/2007	207086	Rinker	Class III/IV Soil	1876033837	Penny Lee	51	40651	27.29
11/9/2007	207086	Rinker	Class III/IV Soil	1876033838	SCE	5	7750	30.12
11/9/2007	207086	Rinker	Class III/IV Soil	1876033839	Penny Lee	50/59	40501	24.94
11/9/2007	207086	Rinker	Class III/IV Soil	1876033843	SCE	13	7794	30.2
11/9/2007	207086	Rinker	Class III/IV Soil	1876033844	Penny Lee	52	40618	28.04
11/9/2007	207086	Rinker	Class III/IV Soil	1876033846	Buck Thoms	11	1834	24.75
11/13/2007	207086	Rinker	Class III/IV Soil	1876033864	PENNY LEE	50 / 59	40503	23.34
11/13/2007	207086	Rinker	Class III/IV Soil	1876033865	SCE	5	7751	31.69
11/13/2007	207086	Rinker	Class III/IV Soil	1876033868	KBK TRUCKING	5-Feb	2572	31.72
11/13/2007	207086	Rinker	Class III/IV Soil	1876033869	PENNY LEE	45	39154	26.5
11/13/2007	207086	Rinker	Class III/IV Soil	1876033870	4K	44	75917	31.54
11/13/2007	207086	Rinker	Class III/IV Soil	1876033873	RICK CLARK	10	3073	26.14
11/13/2007	207086	Rinker	Class III/IV Soil	1876033874	Buck Thoms	11	1835	24.34
11/13/2007	207086	Rinker	Class III/IV Soil	1876033875	GRAHAM	13 / SD1	1102	28
11/13/2007	207086	Rinker	Class III/IV Soil	1876033885	PENNY LEE	50 / 59	40503	26.2
11/13/2007	207086	Rinker	Class III/IV Soil	1876033887	SCE	5	7751	31.27
11/13/2007	207086	Rinker	Class III/IV Soil	1876033888	SCE	6	7838	30.51
11/13/2007	207086	Rinker	Class III/IV Soil	1876033889	SCE	6	7838	29.17
11/13/2007	207086	Rinker	Class III/IV Soil	1876033890	GRAHAM	13 / SD1	1102	31.55
11/13/2007	207086	Rinker	Class III/IV Soil	1876033893	4K	44	75917	34.4
11/13/2007	207086	Rinker	Class III/IV Soil	1876033899	KBK TRUCKING	5-Feb	2572	32.14
11/13/2007	207086	Rinker	Class III/IV Soil	1876033905	PENNY LEE	50 / 59	40503	26.52
11/13/2007	207086	Rinker	Class III/IV Soil	1876033907	RICK CLARK	10	3073	26.69
11/13/2007	207086	Rinker	Class III/IV Soil	1876033908	SCE	5	7751	32.8
11/13/2007	207086	Rinker	Class III/IV Soil	1876033910	SCE	6	7838	31.24
11/13/2007	207086	Rinker	Class III/IV Soil	1876033911	PENNY LEE	45	39154	27.22
11/13/2007	207086	Rinker	Class III/IV Soil	1876033913	GRAHAM	13 / SD1	1102	30.07
11/13/2007	207086	Rinker	Class III/IV Soil	1876033914	Buck Thoms	11	1835	25.87
11/13/2007	207086	Rinker	Class III/IV Soil	1876033915	4K	44	75917	31.03
11/14/2007	207086	Rinker	Class III/IV Soil	1876033920	SCE	5	7752	30.08
11/14/2007	207086	Rinker	Class III/IV Soil	1876033921	SCE	6	7839	32.37
11/14/2007	207086	Rinker	Class III/IV Soil	1876033922	PENNY LEE	45	39155	28.71
11/14/2007	207086	Rinker	Class III/IV Soil	1876033923	KBK	5-Feb	2573	33.37
11/14/2007	207086	Rinker	Class III/IV Soil	1876033925	J&J GUZMAN	G-01	2184	33.83
11/14/2007	207086	Rinker	Class III/IV Soil	1876033926	PENNY LEE	50 / 59	40504	28.16
11/14/2007	207086	Rinker	Class III/IV Soil	1876033927	PENNY LEE	52	40615	31.04
11/14/2007	207086	Rinker	Class III/IV Soil	1876033932	GRAHAM TRUCKING	21	1259	29.16
11/14/2007	207086	Rinker	Class III/IV Soil	1876033933	RICK CLARK	10	3074	26.44
11/14/2007	207086	Rinker	Class III/IV Soil	1876033935	BUCK THOMS	11	1836	28.84
11/14/2007	207086	Rinker	Class III/IV Soil	1876033944	SCE	5	7752	33.65
11/14/2007	207086	Rinker	Class III/IV Soil	1876033945	SCE	6	7839	34.21
11/14/2007	207086	Rinker	Class III/IV Soil	1876033950	PENNY LEE	45	39155	29.2

Ent'd Date	Job #	Facility	Material Type	Sale Ticket #	Trucking Co	Truck #	Bol #	Tons
11/14/2007	207086	Rinker	Class III/IV Soil	1876033951	KBK	5-Feb	2573	32.42
11/14/2007	207086	Rinker	Class III/IV Soil	1876033953	J&J GUZMAN	G-01	2184	30.68
11/14/2007	207086	Rinker	Class III/IV Soil	1876033955	PENNY LEE	50 / 59	40504	28.61
11/14/2007	207086	Rinker	Class III/IV Soil	1876033957	PENNY LEE	52	40615	30.68
11/14/2007	207086	Rinker	Class III/IV Soil	1876033958	GRAHAM TRUCKING	21	1259	27.11
11/14/2007	207086	Rinker	Class III/IV Soil	1876033971	SCE	5	7752	32.43
11/14/2007	207086	Rinker	Class III/IV Soil	1876033973	SCE	6	7839	32.21
11/14/2007	207086	Rinker	Class III/IV Soil	1876033977	PENNY LEE	45	39155	31.34
11/14/2007	207086	Rinker	Class III/IV Soil	1876033978	KBK	5-Feb	2573	33.62
11/14/2007	207086	Rinker	Class III/IV Soil	1876033979	PENNY LEE	50 / 59	40504	30.24
11/14/2007	207086	Rinker	Class III/IV Soil	1876033980	J&J GUZMAN	G-01	2184	35.96
11/14/2007	207086	Rinker	Class III/IV Soil	1876033981	RICK CLARK	10	3074	33.39
11/14/2007	207086	Rinker	Class III/IV Soil	1876033983	PENNY LEE	52	40615	31.5
11/14/2007	207086	Rinker	Class III/IV Soil	1876033984	GRAHAM TRUCKING	21	1259	30.19
11/14/2007	207086	Rinker	Class III/IV Soil	1876033985	BUCK THOMS	11	1836	30.25
11/15/2007	207086	Rinker	Class III/IV Soil	1876033989	SCE	6	7840	30.78
11/15/2007	207086	Rinker	Class III/IV Soil	1876033990	SCE	5	7753	33.69
11/15/2007	207086	Rinker	Class III/IV Soil	1876033991	PENNY LEE	50 / 59	40505	28.52
11/15/2007	207086	Rinker	Class III/IV Soil	1876033992	PENNY LEE	51	40654	33.29
11/15/2007	207086	Rinker	Class III/IV Soil	1876033993	PENNY LEE	52	40614	32.03
11/15/2007	207086	Rinker	Class III/IV Soil	1876033994	BUCK THOMS	11	1837	25.23
11/15/2007	207086	Rinker	Class III/IV Soil	1876033997	GRAHAM	21	1260	31.39
11/15/2007	207086	Rinker	Class III/IV Soil	1876033999	PENNY LEE	45	39156	27.56
11/15/2007	207086	Rinker	Class III/IV Soil	1876034001	B&G TRUCKING	4	32540	26.51
11/15/2007	207086	Rinker	Class III/IV Soil	1876034002	RICK CLARK	10	3075	27.71
11/15/2007	207086	Rinker	Class III/IV Soil	1876034016	SCE	6	7840	30.3
11/15/2007	207086	Rinker	Class III/IV Soil	1876034019	PENNY LEE	50 / 59	40505	25.94
11/15/2007	207086	Rinker	Class III/IV Soil	1876034020	PENNY LEE	51	40654	24.68
11/15/2007	207086	Rinker	Class III/IV Soil	1876034021	PENNY LEE	52	40614	19.85
11/15/2007	207086	Rinker	Class III/IV Soil	1876034023	BUCK THOMS	11	1837	28.48
11/15/2007	207086	Rinker	Class III/IV Soil	1876034027	GRAHAM	21	1260	20.44
11/15/2007	207086	Rinker	Class III/IV Soil	1876034031	PENNY LEE	45	39156	19.51
11/15/2007	207086	Rinker	Class III/IV Soil	1876034035	B&G TRUCKING	4	32540	19.36
11/15/2007	207086	Rinker	Class III/IV Soil	1876034036	RICK CLARK	10	3075	18.2
11/15/2007	207086	Rinker	Class III/IV Soil	1876034043	SCE	6	7840	31.62
11/15/2007	207086	Rinker	Class III/IV Soil	1876034046	PENNY LEE	50 / 59	40505	29.39
11/15/2007	207086	Rinker	Class III/IV Soil	1876034047	PENNY LEE	51	40654	29.89
11/15/2007	207086	Rinker	Class III/IV Soil	1876034049	PENNY LEE	52	40614	31.34
11/15/2007	207086	Rinker	Class III/IV Soil	1876034051	BUCK THOMS	11	1837	29.71
11/15/2007	207086	Rinker	Class III/IV Soil	1876034052	GRAHAM	21	1260	23.62
11/15/2007	207086	Rinker	Class III/IV Soil	1876034057	PENNY LEE	45	39156	27.89
11/15/2007	207086	Rinker	Class III/IV Soil	1876034063	RICK CLARK	10	3075	28.09
11/15/2007	207086	Rinker	Class III/IV Soil	1876034064	B&G TRUCKING	4	32540	27.95
11/16/2007	207086	Rinker	Class III/IV Soil	1876034065	PENNY LEE	50 / 59	40506	29.37
11/16/2007	207086	Rinker	Class III/IV Soil	1876034066	PENNY LEE	45	391575	29.75
11/16/2007	207086	Rinker	Class III/IV Soil	1876034067	PENNY LEE	52	40612	28.2
11/16/2007	207086	Rinker	Class III/IV Soil	1876034068	GRAHAM	21	1261	22.42
11/16/2007	207086	Rinker	Class III/IV Soil	1876034096	SCE	5	7754	34.45
11/16/2007	207086	Rinker	Class III/IV Soil	1876034097	SCE	5	7754	32.28
11/16/2007	207086	Rinker	Class III/IV Soil	1876034100	PENNY LEE	50 / 59	40506	29.15
11/16/2007	207086	Rinker	Class III/IV Soil	1876034101	PENNY LEE	52	40612	28.9
11/16/2007	207086	Rinker	Class III/IV Soil	1876034102	PENNY LEE	45	391575	28.25
11/16/2007	207086	Rinker	Class III/IV Soil	1876034103	GRAHAM	21	1261	23.82
11/16/2007	207086	Rinker	Class III/IV Soil	1876034127	SCE	5	7754	31.23
11/16/2007	207086	Rinker	Class III/IV Soil	1876034129	PENNY LEE	50 / 59	40506	28.04
11/16/2007	207086	Rinker	Class III/IV Soil	1876034130	PENNY LEE	52	40612	29.89
11/16/2007	207086	Rinker	Class III/IV Soil	1876034134	PENNY LEE	45	391575	27.15
11/16/2007	207086	Rinker	Class III/IV Soil	1876034142	BUCK THOMS	11	1838	31.39

Ticket Date	Job #	Facility	Material Type	Scale Ticket #	Hauling Co	Truck #	Net #	Tons
11/19/2007	207086	Rinker	Class III/IV Soil	1876034161	CLEARCREEK	40 / 61	3500	22.6
11/19/2007	207086	Rinker	Class III/IV Soil	1876034174	RICK CLARK	10	3077	27.48
11/19/2007	207086	Rinker	Class III/IV Soil	1876034176	B&G TRUCKING	6	32939	28.64
11/19/2007	207086	Rinker	Class III/IV Soil	1876034188	SCE	6	7842	28.22
11/19/2007	207086	Rinker	Class III/IV Soil	1876034193	B&G TRUCKING	4	32543	25.06
11/20/2007	207086	Rinker	Class III/IV Soil	1876034288	B&G Trucking	4	32544	19.79
11/26/2007	207086	Rinker	Class III/IV Soil	1876034329	MICKELO	M18	3311	27.07
11/26/2007	207086	Rinker	Class III/IV Soil	1876034332	ABH	ABH # 1	11539	28.89
11/26/2007	207086	Rinker	Class III/IV Soil	1876034338	B&G Trucking	4	32547	30.23
11/26/2007	207086	Rinker	Class III/IV Soil	1876034340	SCE	5	7755	32.15
11/26/2007	207086	Rinker	Class III/IV Soil	1876034377	B&G Trucking	4	32547	27.79
11/29/2007	207086	Rinker	Class III/IV Soil	1876034583	B&G Trucking	4	32550	30.64
11/29/2007	207086	Rinker	Class III/IV Soil	1876034588	ABH	ABH #1	11541	28.72
11/29/2007	207086	Rinker	Class III/IV Soil	1876034589	SCE	88	7507	27.49
11/30/2007	207086	Rinker	Class III/IV Soil	1876034595	BUCK THOMS	11	1847	30.35
11/30/2007	207086	Rinker	Class III/IV Soil	1876034597	SCE	5	7759	36.05
11/30/2007	207086	Rinker	Class III/IV Soil	1876034599	RICK CLARK	10	3084	32.49
11/30/2007	207086	Rinker	Class III/IV Soil	1876034626	BUCK THOMS	11	1847	31.49
11/30/2007	207086	Rinker	Class III/IV Soil	1876034627	BUCK THOMS	13	1802	38.4
11/30/2007	207086	Rinker	Class III/IV Soil	1876034629	SCE	5	7759	34.99
11/30/2007	207086	Rinker	Class III/IV Soil	1876034630	VAN DE GRIFT	183	13325	30.56
11/30/2007	207086	Rinker	Class III/IV Soil	1876034635	RICK CLARK	10	3084	31.83
12/3/2007	207086	Rinker	Class III/IV Soil	1876034659	SCE	5	7760	33.65
12/3/2007	207086	Rinker	Class III/IV Soil	1876034660	SCE	88	7913	34.38
12/11/2007	207086	Rinker	Class III/IV Soil	1876034786	LARSON		121107	34.62
12/11/2007	207086	Rinker	Class III/IV Soil	1876034795	A & H	68 / 60	5259	32.25
12/11/2007	207086	Rinker	Class III/IV Soil	1876034803	METTLER	1	209351	34.66
12/11/2007	207086	Rinker	Class III/IV Soil	1876034823	LARSON		121107	31.43
12/11/2007	207086	Rinker	Class III/IV Soil	1876034827	A & H	68 / 60	5259	31.55
12/11/2007	207086	Rinker	Class III/IV Soil	1876034834	METTLER	1	209351	35.42
12/12/2007	207086	Rinker	Class III/IV Soil	1876034846	PENNY LEE	51	39572	28.33
12/12/2007	207086	Rinker	Class III/IV Soil	1876034851	SCE	5	8005	28.29
12/12/2007	207086	Rinker	Class III/IV Soil	1876034853	A & H	68 / 60	5260	30.24
12/12/2007	207086	Rinker	Class III/IV Soil	1876034854	B & G	6	32948	22.85
12/12/2007	207086	Rinker	Class III/IV Soil	1876034860	MICKELO	M18 / 4	3314	29.61
12/12/2007	207086	Rinker	Class III/IV Soil	1876034861	4K	44	75921	32.86
12/12/2007	207086	Rinker	Class III/IV Soil	1876034863	METTLER		209352	28.05
12/12/2007	207086	Rinker	Class III/IV Soil	1876034865	AACTION EXCAVATING	A2	121207	28.86
12/12/2007	207086	Rinker	Class III/IV Soil	1876034871	PENNY LEE	51	39572	33.13
12/12/2007	207086	Rinker	Class III/IV Soil	1876034875	A & H	68 / 60	5260	29.66
12/12/2007	207086	Rinker	Class III/IV Soil	1876034877	B & G	6	32948	30.98
12/12/2007	207086	Rinker	Class III/IV Soil	1876034882	MICKELO	M18 / 4	3314	33.85
12/12/2007	207086	Rinker	Class III/IV Soil	1876034883	AACTION EXCAVATING	A2	121207	38.12
12/12/2007	207086	Rinker	Class III/IV Soil	1876034885	4K	44	75921	33.49
12/12/2007	207086	Rinker	Class III/IV Soil	1876034886	METTLER		209352	32.99
12/12/2007	207086	Rinker	Class III/IV Soil	1876034893	PENNY LEE	51	39572	35.19
12/12/2007	207086	Rinker	Class III/IV Soil	1876034903	B & G	6	32948	32.54
12/12/2007	207086	Rinker	Class III/IV Soil	1876034904	A & H	68 / 60	5260	32.24
12/12/2007	207086	Rinker	Class III/IV Soil	1876034905	MICKELO	M18 / 4	3314	33.97
12/13/2007	207086	Rinker	Class III/IV Soil	1876034907	PENNY LEE	51	39573	31.51
12/13/2007	207086	Rinker	Class III/IV Soil	1876034908	SCE	5	8006	31.78
12/13/2007	207086	Rinker	Class III/IV Soil	1876034909	A & H	68 / 60	5261	29.09
12/13/2007	207086	Rinker	Class III/IV Soil	1876034911	B & G	6	32949	25.67
12/13/2007	207086	Rinker	Class III/IV Soil	1876034913	MICKELO	M18 / 4	3315	32.29
12/13/2007	207086	Rinker	Class III/IV Soil	1876034914	BUCK THOMS	11	1852	29.32
12/13/2007	207086	Rinker	Class III/IV Soil	1876034916	RICK CLARK	10	3091	30.73
12/13/2007	207086	Rinker	Class III/IV Soil	1876034917	4K	44	75922	33.13
12/13/2007	207086	Rinker	Class III/IV Soil	1876034918	AACTION EXCAVATING	A2	121307	27.86

Ticket Date	Job #	Facility	Material Type	Ticket Number	Trucking Co	Truck #	BOL #	Tons
12/13/2007	207086	Rinker	Class III/IV Soil	1876034920	METTLER		209353	25.95
12/13/2007	207086	Rinker	Class III/IV Soil	1876034928	PENNY LEE	51	39573	27.93
12/13/2007	207086	Rinker	Class III/IV Soil	1876034932	A & H	68 / 60	5261	31.66
12/13/2007	207086	Rinker	Class III/IV Soil	1876034933	B & G	6	32949	23.67
12/13/2007	207086	Rinker	Class III/IV Soil	1876034935	MICKELO	M18 / 4	3315	26.01
12/13/2007	207086	Rinker	Class III/IV Soil	1876034941	4K	44	75922	34.1
12/13/2007	207086	Rinker	Class III/IV Soil	1876034942	AACTION EXCAVATING	A2	121307	26.6
12/13/2007	207086	Rinker	Class III/IV Soil	1876034945	METTLER		209353	31.31
12/13/2007	207086	Rinker	Class III/IV Soil	1876034949	PENNY LEE	51	39573	36.57
12/13/2007	207086	Rinker	Class III/IV Soil	1876034952	A & H	68 / 60	5261	30.15
12/13/2007	207086	Rinker	Class III/IV Soil	1876034954	B & G	6	32949	22.61
12/13/2007	207086	Rinker	Class III/IV Soil	1876034956	MICKELO	M18 / 4	3315	36.25
12/13/2007	207086	Rinker	Class III/IV Soil	1876034957	4K	44	75922	33.32
12/13/2007	207086	Rinker	Class III/IV Soil	1876034958	BUCK THOMS	11	1852	26.54
12/14/2007	207086	Rinker	Class III/IV Soil	1876034959	BUCK THOMS	11	1853	33.19
12/14/2007	207086	Rinker	Class III/IV Soil	1876034960	SCE	13	7549	28.12
12/14/2007	207086	Rinker	Class III/IV Soil	1876034961	SCE	5	8007	32.73
12/14/2007	207086	Rinker	Class III/IV Soil	1876034962	RICK CLARK	10	3092	31.2
12/14/2007	207086	Rinker	Class III/IV Soil	1876034964	CLEARCREEK	40 / 50	4021	29.3
12/14/2007	207086	Rinker	Class III/IV Soil	1876034966	MICKELO	M18	3316	37.41
12/14/2007	207086	Rinker	Class III/IV Soil	1876034967	B & G	4	32709	27.77
12/14/2007	207086	Rinker	Class III/IV Soil	1876034968	SPRINGBROOK	24	81142	30.09
12/14/2007	207086	Rinker	Class III/IV Soil	1876034969	METTLER	1	209354	35.17
12/14/2007	207086	Rinker	Class III/IV Soil	1876034970	A & H EXCAVATING	68 / 60	5262	31.01
12/14/2007	207086	Rinker	Class III/IV Soil	1876034971	4K	44	75923	29.94
12/14/2007	207086	Rinker	Class III/IV Soil	1876034972	BUCK THOMS	11	1853	34.01
12/14/2007	207086	Rinker	Class III/IV Soil	1876034973	SCE	13	7549	35.08
12/14/2007	207086	Rinker	Class III/IV Soil	1876034974	SCE	5	8007	32.34
12/14/2007	207086	Rinker	Class III/IV Soil	1876034975	RICK CLARK	10	3092	31.8
12/14/2007	207086	Rinker	Class III/IV Soil	1876034976	MICKELO	M18	3316	28.99
12/14/2007	207086	Rinker	Class III/IV Soil	1876034977	B & G	4	32709	28.74
12/14/2007	207086	Rinker	Class III/IV Soil	1876034979	METTLER	1	209354	34.68
12/14/2007	207086	Rinker	Class III/IV Soil	1876034980	SPRINGBROOK	24	81142	32.51
12/14/2007	207086	Rinker	Class III/IV Soil	1876034983	A & H EXCAVATING	68 / 60	5262	30.82
12/14/2007	207086	Rinker	Class III/IV Soil	1876034984	4K	44	75923	34.61
12/14/2007	207086	Rinker	Class III/IV Soil	1876034987	BUCK THOMS	11	1853	30.97
12/14/2007	207086	Rinker	Class III/IV Soil	1876034988	SCE	5	8007	31.65
12/14/2007	207086	Rinker	Class III/IV Soil	1876034989	SCE	13	7549	33.74
12/14/2007	207086	Rinker	Class III/IV Soil	1876034990	RICK CLARK	10	3092	27.22
12/14/2007	207086	Rinker	Class III/IV Soil	1876034992	MICKELO	M18	3316	29.87
12/14/2007	207086	Rinker	Class III/IV Soil	1876034993	B & G	4	32709	27.33
12/14/2007	207086	Rinker	Class III/IV Soil	1876034994	SPRINGBROOK	24	81142	30.33
12/14/2007	207086	Rinker	Class III/IV Soil	1876034995	METTLER	1	209354	29.96
12/17/2007	207086	Rinker	Class III/IV Soil	1876034996	AACTION EXCAVATING	A2	121707	25.32
12/17/2007	207086	Rinker	Class III/IV Soil	1876034997	SCE	5	8008	37.74
12/17/2007	207086	Rinker	Class III/IV Soil	1876034998	B & G	4	32710	30.29
12/17/2007	207086	Rinker	Class III/IV Soil	1876034999	B & G	6	32950	31.76
12/17/2007	207086	Rinker	Class III/IV Soil	1876035000	RICK CLARK	10	3093	33.13
12/17/2007	207086	Rinker	Class III/IV Soil	1876035001	MICKELO	M18	3317	36.83
12/19/2007	207086	Rinker	Class III/IV Soil	1876035061	SCE	5	8010	26.53
12/19/2007	207086	Rinker	Class III/IV Soil	1876035062	BUCK THOMS	11	1870	25.08
12/19/2007	207086	Rinker	Class III/IV Soil	1876035063	RICK CLARK	10	3094	23.94
12/19/2007	207086	Rinker	Class III/IV Soil	1876035064	MICKELO	M18	3318	24.5
12/19/2007	207086	Rinker	Class III/IV Soil	1876035072	SPRINGBROOK	74	81144	33.86
12/19/2007	207086	Rinker	Class III/IV Soil	1876035083	SCE	5	8010	35.88
12/19/2007	207086	Rinker	Class III/IV Soil	1876035089	RICK CLARK	10	3094	33.5
12/19/2007	207086	Rinker	Class III/IV Soil	1876035093	MICKELO	M18	3318	37.48
12/19/2007	207086	Rinker	Class III/IV Soil	1876035104	SPRINGBROOK	74	81144	25.8

Export Date	Job #	Facility	Material Type	Scale Ticket #	Trucking Co	Truck #	Scale	Tons
12/19/2007	207086	Rinker	Class III/IV Soil	1876035115	BUCK THOMS	11	1870	36.59
12/19/2007	207086	Rinker	Class III/IV Soil	1876035119	SCE	5	8010	31.71
12/19/2007	207086	Rinker	Class III/IV Soil	1876035120	RICK CLARK	10	3094	34.27
12/19/2007	207086	Rinker	Class III/IV Soil	1876035121	MICKELO	M18	3318	25.45
12/20/2007	207086	Rinker	Class III/IV Soil	1876035127	BUCK THOMS TRUCKING	11	1871	38.58
12/20/2007	207086	Rinker	Class III/IV Soil	1876035128	SCE	5	8011	27.14
12/20/2007	207086	Rinker	Class III/IV Soil	1876035130	SCE	13	7552	29.99
12/20/2007	207086	Rinker	Class III/IV Soil	1876035131	SCE	88	7928	25.55
12/20/2007	207086	Rinker	Class III/IV Soil	1876035154	BUCK THOMS	11	1871	29.34
12/20/2007	207086	Rinker	Class III/IV Soil	1876035158	SCE	5	8011	30.88
12/20/2007	207086	Rinker	Class III/IV Soil	1876035160	SCE	13	7552	33.42
12/20/2007	207086	Rinker	Class III/IV Soil	1876035162	SCE	88	7928	27.63
12/20/2007	207086	Rinker	Class III/IV Soil	1876035186	BUCK THOMS	11	1871	30.73
12/20/2007	207086	Rinker	Class III/IV Soil	1876035189	SCE	5	8011	30.19
12/20/2007	207086	Rinker	Class III/IV Soil	1876035190	SCE	13	7552	37.55
12/20/2007	207086	Rinker	Class III/IV Soil	1876035192	SCE	88	7928	28.59
12/21/2007	207086	Rinker	Class III/IV Soil	1876035201	BUCK THOMS	11	1872	28.01
12/21/2007	207086	Rinker	Class III/IV Soil	1876035202	SCE	5	8012	33.22
12/21/2007	207086	Rinker	Class III/IV Soil	1876035203	SCE	88	7929	25.83
12/21/2007	207086	Rinker	Class III/IV Soil	1876035204	SCE	13	7553	31.27
12/21/2007	207086	Rinker	Class III/IV Soil	1876035216	SCE	5	8012	22.13
12/21/2007	207086	Rinker	Class III/IV Soil	1876035218	SCE	88	7929	26.93
12/21/2007	207086	Rinker	Class III/IV Soil	1876035224	SCE	5	8012	24.29
12/21/2007	207086	Rinker	Class III/IV Soil	1876035227	SCE	88	7929	19.3
12/26/2007	207086	Rinker	Class III/IV Soil	1876035232	SCE	5	8013	32.74
12/26/2007	207086	Rinker	Class III/IV Soil	1876035233	BUCK THOMS TRUCKING	13	1805	24.96
12/26/2007	207086	Rinker	Class III/IV Soil	1876035237	SCE	5	8013	26.06
12/26/2007	207086	Rinker	Class III/IV Soil	1876035238	BUCK THOMS TRUCKING	13	1805	27.85
12/26/2007	207086	Rinker	Class III/IV Soil	1876035244	SCE	5	8013	13.58
1/25/2008	207086	Rinker	Class III/IV Soil	1876036261	Penny Lee Trucking	45	40873	35.98
1/25/2008	207086	Rinker	Class III/IV Soil	1876036271	Penny Lee Trucking	P50759	39874	36.12
1/25/2008	207086	Rinker	Class III/IV Soil	1876036289	Penny Lee Trucking	45	40873	27.09
1/25/2008	207086	Rinker	Class III/IV Soil	1876036294	Penny Lee Trucking	P50759	39874	29.71
1/25/2008	207086	Rinker	Class III/IV Soil	1876036311	Penny Lee Trucking	45	40873	32.86
2/1/2008	207086	Rinker	Class III/IV Soil	1876036472	S & S Transport	22 T&T	18739	32.36
2/1/2008	207086	Rinker	Class III/IV Soil	1876036500	S & S Transport	22 T&T	18739	28.69
2/1/2008	207086	Rinker	Class III/IV Soil	1876036523	S & S Transport	22 T&T	18739	18.02
							Total	14975.05

2/12/2008	207086	WASTE MANAGEMENT	Class III/IV Soil	51293	PENNY LEE TRUCKING	P50	39846	33.18
2/12/2008	207086	WASTE MANAGEMENT	Class III/IV Soil	51349	PENNY LEE TRUCKING	P50	39846	25.68
2/13/2008	207086	WASTE MANAGEMENT	Class III/IV Soil	51397	PENNY LEE TRUCKING	P507	39847	29.37
2/13/2008	207086	WASTE MANAGEMENT	Class III/IV Soil	51453	PENNY LEE TRUCKING	P507	39847	31.05
2/13/2008	207086	WASTE MANAGEMENT	Class III/IV Soil	51459	Clearcreek	40	3752	14.09
							Total	**133.37**

Export Date	Job #	Facility	Material Type	Scale Ticket #	Trucking Co.	Truck #	BOL#	Tons
3/20/2008	207086	Allied Waste	CDL	222354	RUBATINO			24.56
							Total	24.56

GeoEngineers

APPENDIX E
WELL DECOMMISSIONING REPORTS

HAYES DRILLING,INC.

5696 Ershig Rd
Bow, WA 98232-9672
HAYESDI106J5

HAYES DRILLING

phone: 360-766-6110
fax: 360-766-6133
www.hayesdrilling.com

WELL REPORT

JOB NUMBER: A3065
PROJECT NAME:
OWNER NAME: Cap Sante Marine
REPRESENTATIVE:
CONSULTING FIRM: GeoEngineers
DRILLER: Kyle Schaffer
COMPANY NAME: Hayes Drilling Inc.
DRILLING METHOD:
LAND ELEVATION:

START CARD NO.: A114530
COUNTY: Skagit
TAX ID NO:
NE 1/4 SE 1/4 SEC 19 TWN 35 RNG 1 E
ADDRESS: NE Corner of 13th & Q Ave Anacortes
WELL ID NO: **MW -01 & MW - 02**
WATER ELEVATION:
INSTALLED: Abandonment
DEVELOPED:

AS BUILT	WELL DATA	FORMATION DESCRIPTION
0'	Diameter of well: 2' Depth of well: 9.5' Construction details: 2" from 0' to 4' 2" PVC Screen, slot size 10 from 4' to 9.5' Abandoned well by backfilling with hydrated bentonite chips. Static level: 4'	

Date Completed: 1/15/2008 Driller: K. W. Schaffer Kyle Schaffer 2189 License No.