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Final
Round 14
Groundwater Monitoring Report
for
Goss Cove Landfill

Naval Submarine Base
New London
Groton, Connecticut

Engineering Field Activity, Northeast

Naval Facilities Engineering Command

Contract Number N62472-02-D-0810

Contract Task Order 0002

January 2006

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FINAL
ROUND 14 GROUNDWATER MONITORING REPORT
FOR
GOSS COVE LANDFILL

NAVAL SUBMARINE BASE – NEW LONDON
GROTON, CONNECTICUT

ENVIRONMENTAL OPERATION AND MAINTENANCE CONTRACT

Submitted to:
Engineering Field Activity, Northeast
Environmental Branch, Code 18
Naval Facilities Engineering Command
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Contract No. N62472-02-D-0810
Contract Task Order 0002

January 2006

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LIST OF ACRONYMS AND ABBREVIATIONS

µg/L	micrograms per liter
COPC	contaminant of potential concern
CTDEP	Connecticut Department of Environmental Protection
DO	dissolved oxygen
GMP	Groundwater Monitoring Plan
IAS	Initial Assessment Study
IDW	investigation derived waste
MDL	method detection limit
MRL	method reporting limit
mV	millivolts
NEESA	Naval Engineering and Environmental Support Activity
NSB-NLON	Naval Submarine Base – New London
NTU	nephelometric turbidity unit
ORP	oxidation-reduction potential
OU	Operable Unit
PAH	polynuclear aromatic hydrocarbon
PCB	polychlorinated biphenyl
PCE	tetrachloroethene
RA	Remedial Action
ROD	Record of Decision
SpC	specific conductance
SVOC	semivolatile organic compound
TAL	target analyte list
TCL	target compound list
TtNUS	TetraTech NUS
VOC	volatile organic compound

1.0 INTRODUCTION

A Record of Decision (ROD) was signed in September 1999 for the soil and sediment Operable Units (OUs) at the Goss Cove Landfill site in Groton, Connecticut (TtNUS 1999b). Based on the ROD, a Remedial Action (RA) was required for the soil OU and no further action was required for the sediment OU. The selected remedy for the soil and waste/fill material within the Goss Cove Landfill consisted of the installation of an engineered control cap, establishment of institutional controls by restricting future activites at the site, performance of long-term groundwater monitoring, and completion of five-year reviews. The remedy also included the upgrading of a storm sewer system that serves the southern portion of the Naval Submarine Base – New London (NSB-NLON) and the Goss Cove Landfill parking lot and surrounding area with the addition of a four-foot by ten-foot reinforced concrete box culvert. The overall objective of groundwater monitoring program is to evaluate the effectiveness of the cap and to confirm that contamination is not migrating from the soil into the groundwater, and ultimately discharging to the Thames River.

The first (2002), second (2003), and third (2004) years of groundwater monitoring have been completed, and the evaluation of the data are presented in the *Year 1 Annual Groundwater Monitoring Report for Goss Cove Landfill Naval Submarine Base – New London, Groton, Connecticut* (TtNUS 2003a), *Year 2 Annual Groundwater Monitoring Report for Goss Cove Landfill Naval Submarine Base – New London, Groton, Connecticut* (ECC 2004), and *Year 3 Annual Groundwater Monitoring Report for Goss Cove Landfill Naval Submarine Base – New London, Groton, Connecticut* (ECC 2005), respectively.

The purpose of this groundwater monitoring report is to present the results of the Round 14 (June 2005) long-term monitoring sampling event at Goss Cove. During Round 14, groundwater samples were collected from 11 monitoring wells (8MW1, 8MW2S, 8MW2D, 8MW3, 8MW5S, 8MW6S, 8MW6D, 8MW7S, 8MW8D, 8MW10S, and HNUS-23) and submitted for a suite of analyses based on an evaluation of site history and previous analytical results. Samples collected and analyses performed were in accordance with the *Operation and Maintenance Manual for Installation Restoration Program Sites at Naval Submarine Base New London, Volume II – Groundwater Monitoring Plan* (GMP) (TtNUS 2002b)[(1)].

[1] Sample collection was modified with regard to collection of upgradient sample from monitoring well 8MW10S instead of monitoring well 8MW8S because of failure of the latter to recharge. This change was discussed with the Connecticut Department of Environmental Protection (CTDEP) and is documented in the *Round 1 Groundwater Monitoring Report for the Goss Cove Landfill* (TtNUS 2002c).

These analyses include:

- Select target compound list (TCL) volatile organic compounds (VOCs),
- TCL semivolatile organic compounds (SVOCs),
- TCL polynuclear aromatic hydrocarbons (PAHs),
- TCL pesticides / polychlorinated biphenyls (PCBs),
- Target analyte list (TAL) metals (total and dissolved), and
- Water chemistry parameters (sulfate, nitrate, and hardness) (TtNUS 2002b).

Because this is an interim report, the evaluation of the monitoring results is limited to a comparison of the results to the criteria idenfitied in the original GMP for the Goss Cove landfill (TtNUS 2001) and the Operation and Maintenance Manual (TtNUS 2003).

1.1 SITE DESCRIPTION

NSB-NLON is located in southeastern Connecticut near the towns of Ledyard and Groton (Figure 1-1). NSB-NLON encompasses approximately 687 acres on the east bank of the Thames River, approximately 6 miles north of Long Island Sound. The base is bounded to the east by Connecticut Route 12, to the south by Crystal Lake Road and to the west by the Thames River. The northern border is a low ridge that trends approximately east – southeast from the Thames River to Baldwin Hill. The location of the Goss Cove Landfill (Site 8) is shown on Figure 1-2. The Nautilus Museum and paved parking lot are constructed directly over the site of the former landfill. The Nautilus Museum is a submarine museum operated by the US Navy and is open to the public.

Land use adjacent to the Base is residential and commercial. Residential development along Military Highway, Sleepy Hollow, Long Cove Road, and Pinelock Drive borders the Base to the north and extends north into the Gales Ferry section of Ledyard. Property along Route 12 to the east of the Base is open and wooded land, containing widely-spaced private homes. Development is mixed commercial and residential further south on Route 12. Private residences, an automobile service station and a dry cleaner are located along the south side of Crystal Lake Road.

The Initial Assessment Study (IAS) report prepared by the Naval Engineering and Environmental Support Activity (NEESA 1983) indicated that a landfill was operated at this site from 1946 to 1957 and identifies it as Site 8. Incinerator ash and inert rubble were disposed of at the site, in what was then the northern portion of Goss Cove. It is not known if any other materials were

disposed in the former landfill. It was reported that several large compressed gas cylinders were uncovered during the excavation of a utility trench in the parking area north of the Nautilus Museum building. One of the cylinders was leaking propane, one was filled with ammonia, and the others were empty.

In a 1934 aerial photograph, the limits of Goss Cove appeared to be open water with no evidence of fill. Railroad tracks are shown at their present position between the cove and the Thames River. In 1951 aerial photographs, the fill extended south to approximately the location of an access driveway to the museum. In 1965 aerial photographs show the landfill extending to the present limit of encroachment on Goss Cove. Aerial photographs from 1965, 1970, 1975, and 1980 show cars parked on the landfill surface. In 1986 photographs, the Nautilus Museum was present on the southern limits of the landfill and a paved parking area extended over the remaining limit of the landfill to the north. Construction of the Nautilus Museum was completed in 1985. Construction of an addition to the Nautilus Museum was initiated in 1999 and completed in the summer of 2000. The historical storm sewer system was replaced during the construction of the landfill cap at the Goss Cove Landfill. The historical shallow storm sewer pipes were removed and crushed. The three deep 42-inch storm sewer pipes were filled with flowable cement/bentonite, and anti-seep collars were installed at three locations along the pipe in the direction of flow. A new box culvert was installed to convey storm water that was originally carried by the three deep 42-inch storm sewer pipes. Anti-seep collars were installed around the new box culvert and the culvert is supported on deep piles to minimize movement between box culvert sections. A shallow storm water collection system was also installed to collect and convey surface water runoff from the area. No major changes have been made to the area since since the new storm sewer system and landfill cap were completed in 2001.

1.2 REPORT ORGANIZATION

This report has been prepared to address the requirement for long-term groundwater monitoring at the Goss Cove Landfill. Section 2.0 describes the Round 14 field activities conducted in June and July 2005, and Section 3.0 presents the analytical results from the Round 14 sampling effort.

2.0 FIELD INVESTIGATION ACTIVITIES

Field investigation activities performed as part of the Round 14 sampling event at Goss Cove Landfill included the following:

- Two rounds of water level measurements at 11 groundwater monitoring wells and one staff gauge. Water levels were measured at both low and high tide.
- Collection of groundwater samples from 11 monitoring wells.

Round 14 field activities were conducted from June 28, 2005 to July 5, 2005. Groundwater sampling and high tide water level measurements were completed on June 28, 2005 and June 29, 2005, respectively. Low tide groundwater level measurements were completed on July 5, 2005. Figure 2-1 shows the locations monitored during this event.

2.1 MONITORING WELL INSPECTION

Prior to water level measurements, all 11 monitoring wells were inspected. Monitoring well inspection sheets are included in Appendix A. Monitoring wells 8MW3, 8MW6S, 8MW7S, 8MW8D, and HNUS-23 were in good condition and had no visible signs of damage or problems. The following observations were made about the condition of the remaining six wells:

- 8MW1 The road box is in need of repair or replacement. One of two bolt mounts is broken off, and only one of two bolts secures the cap.
- 8MW2D The road box is in need of repair or replacement. One of two bolt mounts is broken off, and only one of two bolts secures the cap.
- 8MW2S The road box and cap were not present; apparently damaged during snow plowing activities. The well pad was damaged and the well seal was not present.
- 8MW5S The road box is in need of repair or replacement. One of two bolt mounts is broken off, and only one of two bolts secures the cap.
- 8MW6D The road box is in need of replacement. Two of two bolt mounts are broken off, and there is no way to secure the well cap. The asphalt surrounding the well pad was cracked.
- 8MW10S The well seal was missing, and dirt was present around the riser.

Monitoring well caps themselves were generally secure, preventing runoff from entering the wells. Road boxes are in disrepair mostly due to snow plowing in the museum parking lot. Damaged road boxes will be replaced in 2005[2]. Inspections will continue in upcoming sampling events.

2.2 WATER LEVEL MEASUREMENT

Water levels were measured at 11 monitoring wells and one staff gauge during low and high tide. High tide water levels were measured on June 29, 2005, and low tide water levels were measured on July 5, 2005. Groundwater level measurements are presented in Table 2-1. Figures 2-2 and 2-3 illustrate the potentiometric surface map of shallow groundwater at the Goss Cove Landfill during low and high tides, respectively. Groundwater level measurement sheets are provided in Appendix B.

2.3 GROUNDWATER SAMPLING

The eleven monitoring wells included in the Round 14 sampling event were sampled in accordance with the *Low Stress (Low Flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells* (EPA 1996). Sampling was completed using bladder and peristaltic pumps, with dedicated tubing. In order to collect representative samples of site groundwater, tidally influenced wells (8MW1, 8MW2D, 8MW2S, 8MW3, 8MW5S, 8MW6D, and 8MW8D) were sampled at low tide. Optimum sample times for each tidally influenced well were determined by using the Connecticut, New London, State Pier tide prediction tables, issued by the National Ocean Service Center for Operational Oceanographic Products and Services, in order to find out the times of high and low tide at the Smith Cove entrance. These numbers were then added to the well specific lag times presented in the GMP (TtNUS, 2002b).

Prior to purging, the initial static water level was measured in each well using a water-level indicator. During purging of each well, the water level was measured every 5 to 10 minutes. The pumping rate was adjusted to prevent drawdown from exceeding 0.3 ft during purging.

While purging, water quality parameters of pH, turbidity, specific conductance (SpC), temperature, oxidation-reduction potential (ORP) and dissolved oxygen (DO) were measured and recorded every 5 to 10 minutes using a water quality meter and flow-through cell. Purging continued until the parameters were stabilized, and the minimum purge volume (equal to the stabilized drawdown volume plus the tubing volume) was removed.

[2] The road boxes for 8MW2S, 8MW2D, and 8MW6D were replaced in July 2005 after the Round 14 sampling event was completed.

Stabilization of the water quality parameters was generally defined as follows:

- pH ± 0.1 standard units
- turbidity ± 10 % for values greater than 1 nephelometric turbidity unit (NTU)
- SpC ± 3 %
- temperature ± 3 %
- ORP ± 10 millivolts (mV)
- DO ± 10 %

Instruments used to monitor stabilization of water quality parameters were calibrated daily before sampling, and instrument readings were checked at the end of the day against the calibration standards. It should be noted that salinity was not recorded on the calibration logs. Salinity, which is measured with the conductivity probe, is reflected in the record of specific conductance. Results of the final stabilized water quality parameter measurements are presented in Table 2-2. Equipment calibration logs are provided in Appendix C.

Following purging, the well tubing was removed from the flow through cell and samples were collected directly from the discharge end of the tubing. VOC samples were collected first, followed by sulfate, nitrate, hardness, metals (total), metals (dissolved), PCBs, PAHs, SVOCs, and pesticides. Sample containers were filled by allowing the discharge to flow gently down the inside of the container with minimal turbulence. For dissolved metals samples, a disposable in-line 0.45-micron filter was used. Copies of the groundwater sampling logs and Chain of Custody Records are provided in Appendices D and E, respectively.

Groundwater samples were sent to the project laboratory (Alpha Analytical Labs of Westborough, Massachusetts). Data validation memos and laboratory datasheets are provided in Appendix E. Analytical results for the contaminants of potential concern (COPCs) are discussed in Section 3.0.

2.4 DECONTAMINATION AND INVESTIGATION – DERIVED WASTE

All water quality meters and water level meters were decontaminated by washing the instruments with Alkonox® and rinsing with deionized water prior to and after use. Liquid investigation derived waste (IDW) from sampling of the groundwater at Goss Cove was contained in 55-gallon drums. The drummed water was sampled for waste classification and transported by United Industrial Services of Meriden, Connecticut, for appropriate off-site disposal on July 26, 2005. The waste manifest and disposal chain of custody are included as Appendix F.

3.0 MONITORING RESULTS

The groundwater samples collected from 11 monitoring wells during the Round 14 sampling event were analyzed for selected TCL VOCs, SVOCs, PAHs, pesticides, PCBs, TAL metals (total and dissolved), nitrate, sulfate and hardness. Monitoring focused on the following organic and inorganic COPCs, as identified in the GMP (TtNUS 2002b):

VOCs

- Methylene Chloride
- Tetrachloroethene (PCE)
- Total Xylenes

SVOCs

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(g,h,i)perylene
- Benzo(k)fluoranthene
- Bis(2-ethylhexyl)phthalate
- Carbazole
- Chrysene
- Dibenzo(a,h)anthracene
- Fluoranthene
- Indeno(1,2,3-cd)pyrene
- Phenanthrene
- Pyrene

Pesticides

- 4,4-DDD
- 4.4-DDE
- 4-4-DDT
- Aldrin
- Dieldrin
- Heptachlor

PCBs

- Aroclor-1248
- Aroclor-1254
- Aroclor-1260

Metals

- Antimony
- Arsenic
- Beryllium
- Cadmium
- Copper
- Lead
- Mercury
- Nickel
- Vanadium
- Zinc

Round 14 organic (VOCs, SVOCs, pesticides, and PCBs) COPC analytical results are summarized on page one of Table 3-1 and are compared to primary and secondary groundwater criterion set forth in Tables 2-14 and 2-15 of the *Operation and Maintenance Manual* for Goss Cove landfill (TtNUS 2003b). Inorganic (metals) COPC analytical results are summarized on page two of Table 3-1 and are also compared to NSB-NLON background groundwater concentrations established in the *Basewide Groundwater OU RI* (TtNUS 2002a). A complete summary of analytical results can be found in Appendix E.

Chemicals detected at levels above the primary or secondary monitoring criteria, or metals detected at levels above background concentrations are noted by shading in Table 3-1. Results for Round 14 and the remaining scheduled 2005 sampling events will be compared to updated criteria in the Year 4 Annual Groundwater Monitoring Report for Goss Cove Landfill.

Figure 3-1 shows the COPCs detected in groundwater samples that exceeded the criteria. The results of these comparisons are summarized below:

VOCs

- **Methylene chloride** was detected in monitoring well 8MW3 at a concentration of 0.99 J micrograms per liter (µg/L). This concentration did not exceed the primary (50,000 µg/L) or secondary (470 µg/L) monitoring criteria.

- **Tetrachloroethene (PCE)** was detected in both monitoring well 8MW8D and its corresponding field duplicate at concentrations of 3,200 micrograms per liter (µg/L) and 3,100 (µg/L), respectively. PCE was detected in both monitoring well 8MW10S and its corresponding field duplicate at a concentrations of 2,700 µg/L and 2,800 µg/L, respectively. The results for these two wells exceed the primary (2,040 µg/L) and secondary (8.85 µg/L) monitoring criteria for PCE. PCE also was detected in monitoring well 8MW2D and HNUS23, however, the concentrations (4.9 µg/L and 0.66 µg/L, respectively) did not exceed either the primary or secondary monitoring criteria.

- **Total xylenes (o-xylene plus p/m-xylene)** were detected in five monitoring wells: 8MW2D, 8MW2S, 8MW3, 8MW6D, and 8MW7S, however, concentrations did not exceed the primary monitoring criterion of 50,000 µg/L. There is no secondary monitoring criterion for total xylenes.

SVOCs

- **Bis(2-ethylhexyl)phthalate and dibenzo(a,h)anthracene** were not detected in any of the monitoring wells. The laboratory method reporting limit (MRL) of 0.19 µg/L and the laboratory method detection limit (MDL) of 0.016 µg/L exceeded the secondary monitoring criterion of 0.01µg/L for dibenzo(a,h)anthracene.

- **Benzo(a)anthracene** was detected at a concentration of 0.086 J[3] µg/L in monitoring well 8MW2D, 0.041 J µg/L in monitoring well 8MW2S, 0.24 µg/L in monitoring well 8MW3, and 0.066 J µg/L in monitoring well 8MW6S. These values were below both the primary monitoring criterion (113 µg/L) and the secondary monitoring criterion (0.49 µg/L) for benzo(a)anthracene.

- **Benzo(a)pyrene** was detected in monitoring well 8MW3 at a concentration of 0.16 J µg/L. This value exceeded the secondary monitoring criterion (0.049 µg/L), but was lower than the primary monitoring criterion (11.3 µg/L). The MRL for benzo(a)pyrene (0.2 µg/L) exceeded the secondary monitoring criterion for benzo(a)pyrene. However, the MDL for benzo(a)pyrene (0.04 µg/L) was lower than the secondary monitoring criterion.

- **Benzo(b)fluoranthene** was detected in monitoring well 8MW3 at a concentration of 0.15 J µg/L. This value is below the primary monitoring criterion (113 µg/L) and the secondary monitoring criterion (0.49 µg/L) for benzo(b)fluoranthene.

- **Benzo(g,h,i)perylene** was detected in monitoring well 8MW3 at a concentration of 0.1 J µg/L. This value is below the primary monitoring criterion (1,130 µg/L) and the secondary monitoring criterion (4.92 µg/L) for benzo(g,h,i)perylene.

- **Benzo(k)fluoranthene** was detected in monitoring well 8MW1 at a concentration of 0.04 J µg/L and in monitoring well 8MW3 at a concentration of 0.18 J µg/L. These values are below the primary monitoring criterion (113 µg/L) and the secondary monitoring criterion (0.49 µg/L) for benzo(k)fluoranthene.

- **Carbazole** was detected in monitoring wells 8MW2D, 8MW3, and 8MW6S at concentrations of 6.2 µg/L, 5.1 µg/L, and 2 J µg/L, respectively. There are no available monitoring criteria for carbazole.

- **Chrysene** was detected in five monitoring wells 8MW1, 8MW2D, 8MW2S, 8MW3, and 8MW6S at concentrations of 0.047 J µg/L, 0.094 J µg/L, 0.039 J µg/L, 0.26 µg/L, 0.072 J µg/L, respectively. These values are below the primary monitoring criterion (1,130 µg/L) and the secondary monitoring criterion (4.92 µg/L) for chrysene.

[3] The letter "J" following concentration indicates that the value was estimated by the laboratory or by data validation.

- **Fluoranthene** was detected in seven monitoring wells: 8MW1, 8MW2D, 8MW2S, 8MW3, 8MW6D, 8MW6S, and 8MW7S at concentrations of 0.15 J µg/L, 1.7 J µg/L, 0.23 J µg/L, 1.8 J µg/L, 0.15 J µg/L, 1.1 J µg/L, and 1.1 J µg/L, respectively. The concentrations in monitoring wells 8MW2D and 8MW3 did not exceed the primary monitoring criterion (294 µg/L), but exceeded secondary monitoring criterion (1.28 µg/L) for fluoranthene. No other detections of fluoranthene exceeded either the primary or secondary monitoring criterion for this SVOC.
- **Indeno(1,2,3-cd)pyrene** was detected in monitoring well 8MW3 at a concentration of 0.096 J µg/L. This value is below the primary monitoring criterion (113 µg/L) and the secondary monitoring criterion (0.49 µg/L) for indeno(1,2,3-cd)pyrene.
- **Phenanthrene** was detected in nine monitoring wells: 8MW1, 8MW2D, 8MW2S, 8MW3, 8MW5S, 8MW6D, 8MW6S, 8MW7S and 8MW10S (original and duplicate) at concentrations of 0.12 J µg/L, 2.9 µg/L, 0.048 J µg/L, 6.6 µg/L, 0.051 J µg/L, 0.068 J µg/L, 1.2 µg/L, 0.65 µg/L, and 0.04 J µg/L (original), and 0.047 J µg/L (duplicate), respectively. The results did not exceeded either the primary (11,300 µg/L) or secondary (49.2 µg/L) monitoring criterion for phenanthrene.
- **Pyrene** was detected in seven monitoring wells: 8MW1, 8MW2D, 8MW2S, 8MW3, 8MW6D, 8MW6S, and 8MW7S at concentrations of 0.13 J µg/L, 1.2 J µg/L, 0.18 J µg/L, 1.1 J µg/L, 0.083 J µg/L, 0.71 J µg/L, and 0.61 J µg/L, respectively. The results did not exceed either the primary (11,300 µg/L) or secondary (49.2 µg/L) monitoring criterion for pyrene.

Pesticides and PCBs

- **4,4-DDD** was detected in monitoring well 8MW2S at a concentration of 0.0156 J µg/L, which exceeded secondary monitoring criterion (0.00084 µg/L) for 4,4-DDD, but did not exceed the primary monitoring criterion of 0.19 µg/L.
- No other Pesticides or PCBs were detected of in any of the Round 14 samples. The MRLs and MDLs for all the pesticide and PCB COPC compounds exceeded the respective secondary monitoring concentrations for each compound.

Inorganics (Metals)

- **Antimony (dissolved), beryllium (dissolved), cadmium (total and dissolved), lead (total and dissolved), mercury (dissolved), nickel (total and dissolved), and vanadium (dissolved)** were not detected in any samples. The laboratory MRL (50 µg/L) and the laboratory MDL (4.2 µg/L) for antimony were greater than the background concentration (2.9 µg/L) for antimony. The laboratory MRL for beryllium (4 µg/L) was greater than the secondary monitoring criterion (0.13 µg/L), but the laboratory MDL (0.1µg/L) was less than

the secondary monitoring criterion for beryllium. The laboratory MRL for mercury (0.2 µg/L) exceeded the secondary monitoring criterion of 0.051 µg/L, but the laboratory MDL (0.014 µg/L) was less than the secondary monitoring criterion for mercury. The laboratory MRL for nickel (25 µg/L) exceeded the secondary monitoring criterion, but the laboratory MDL (0.7 µg/L) was lower than the secondary monitoring criterion for nickel. The laboratory MRL for dissolved vanadium (10 µg/L) was greater than the background concentration (9.9 µg/L), but the laboratory MDL (0.7µg/L) was below the background concentration for dissolved vanadium.

- **Total antimony** was detected in monitoring well 8MW5S at a concentration of 5.5 J µg/L, which exceeded the background concentration (2.9 µg/L) for antimony.
- **Total arsenic** was detected at concentrations above the primary (4.8 µg/L) and secondary (0.021 µg/L) monitoring criteria and the background concentration (1.92 µg/L) in monitoring wells 8MW2D (18 µg/L), 8MW6D (7 µg/L), and 8MW6S (7 µg/L). Total arsenic also was detected at concentrations above the secondary monitoring criterion and the background concentration in monitoring wells 8MW2S (3 J µg/L) and 8MW3 (3 J µg/L). The laboratory MRL (4 µg/L) and the laboratory MDL (2.6 µg/L) exceeded the secondary monitoring criterion and the background concentration for total arsenic.
- **Dissolved arsenic** was detected at concentrations above the primary (4.8 µg/L) and secondary (0.021 µg/L) monitoring criteria and the background concentration (2.55 µg/L) in monitoring wells 8MW2D (17 µg/L), 8MW6D (7 µg/L), and 8MW6S (7 µg/L). Dissolved arsenic also was detected at concentrations above the secondary monitoring criterion and background concentration in monitoring wells 8MW1 (3.4 J µg/L) and 8MW2S (3 J µg/L). The laboratory MRL (4 µg/L) and the laboratory MDL (2.6 µg/L) exceeded the secondary monitoring criterion and the background concentration for dissolved arsenic.
- **Total copper** was detected in monitoring wells 8MW1 (20 µg/L), 8MW5S (8 J µg/L), and 8MW7S (6 J µg/L). These detections were above the secondary monitoring criterion (3.1 µg/L) but did not exceed the background concentration level (107 µg/L) or primary monitoring criterion (713 µg/L) for total copper. Total copper also was detected in monitoring wells 8MW2S (2 J µg/L), 8MW3 (2 J µg/L), 8MW6S (3 J µg/L), 8MW10S [original (1 J µg/L) and duplicate (2 J µg/L)], and HNUS23 (1 J µg/L) at concentrations below the primary and secondary monitoring criteria and below the background concentration. The laboratory MRL (10 µg/L) exceeded the secondary monitoring criterion for total copper, but the laboratory MDL (0.8 µg/L) was lower than the secondary monitoring criterion for total copper.

- **Dissolved copper** was detected in monitoring well 8MW1 at a concentration of 2 J µg/L, which is below the primary (713 µg/L) and secondary (3.1 µg/L) monitoring criteria and below the background concentration (39.4 µg/L) for dissolved copper. The laboratory MRL (10 µg/L) exceeded the secondary monitoring criterion for dissolved copper, but the laboratory MDL (0.8 µg/L) was lower than the secondary monitoring criterion for dissolved copper.
- **Total mercury** was detected in monitoring well 8MW3 (0.030 J µg/L) at a level below the primary (216 µg/L) and secondary (0.051 µg/L) monitoring criteria. The laboratory MRL (0.2 µg/L) exceeded the secondary monitoring criterion for total mercury, but the laboratory MDL (0.014 µg/L) was lower than the secondary monitoring criterion for total mercury.
- **Total vanadium** was detected in monitoring wells 8MW2S, 8MW5S, 8MW6S, 8MW8D (duplicate sample), and HNUS23 at concentrations of 1 J µg/L, 2 J µg/L , 1 J µg/L, 1 J µg/L, and 1 J µg/L, respectively. These concentrations were all below the background concentration (10.2 µg/L) for total vanadium. There are no available monitoring criteria for vanadium.
- **Total zinc** was detected in monitoring wells 8MW1 (20 J µg/L), 8MW2S (13 J µg/L), 8MW3 (7 J µg/L), 8MW5S (32 J µg/L), 8 MW6D (4 J µg/L), 8MW6S (7 J µg/L), 8MW7S (34 J µg/L), 8MW8D (9 J µg/L, original, and 10 J µg/L, duplicate), 8MW10S (30 J µg/L, original, and 31 J µg/L, duplicate), and HNUS-23 (9 J µg/L). None of these concentrations exceeded the primary (18,600 µg/L) or secondary (81 µg/L) monitoring criteria or the background concentration (131 µg/L) for total zinc.
- **Dissolved zinc** was detected in ten monitoring wells: 8MW1 (13 J µg/L), 8MW2S (7 J µg/L), 8MW3 (4 J µg/L), 8MW5S (25 J µg/L), 8MW6D (5 J µg/L), 8MW6S (3 J µg/L), 8MW7S (12 J µg/L), 8MW8D (8 J µg/L, original and duplicate), 8MW10S (27 J µg/L, original and duplicate), and HNUS-23 (4 J µg/L). None of these concentrations exceeded the primary (18,600 µg/L) and secondary (81 µg/L) monitoring criteria or the background concentration (131 µg/L) for dissolved zinc.

As noted for some of the analytes discussed above, the secondary monitoring criteria are either below both the laboratory MRL and MDL or fall between the MRL and the MDL. The secondary monitoring criteria, especially for pesticides, cannot be met by any laboratory, as those numbers are not currently achievable by best available technology. For metal the site matrix has salinity concentrations that affect the analyses. The laboratory has used ICP/MS and ICP-AES as necessary to provide ECC with their lowest achievable limits within the limitations of the matrix.

Sulfate, nitrate and water hardness (expressed as milligrams per liter of calcium carbonate) results are presented in the data summary table located in Appendix E. A summary of this data is not presented in Table 3-1 because there are no monitoring criteria for sulfate, nitrate, and water hardness.

As stated previously in this section, the evaluation of this data is limited to a comparison to the criteria idenfitied in the the final Operation and Maintenance Manual with revised GMP for the Goss Cove Landfill (TtNUS, 2003b). No conclusions or recommendations are drawn from the comparison at this time. An evaluation of all four quarters of data collected in 2005 in comparison to the primary and secondary groundwater criteria will be included in the Year 4 Annual Groundwater Monitoring Report for Goss Cove.

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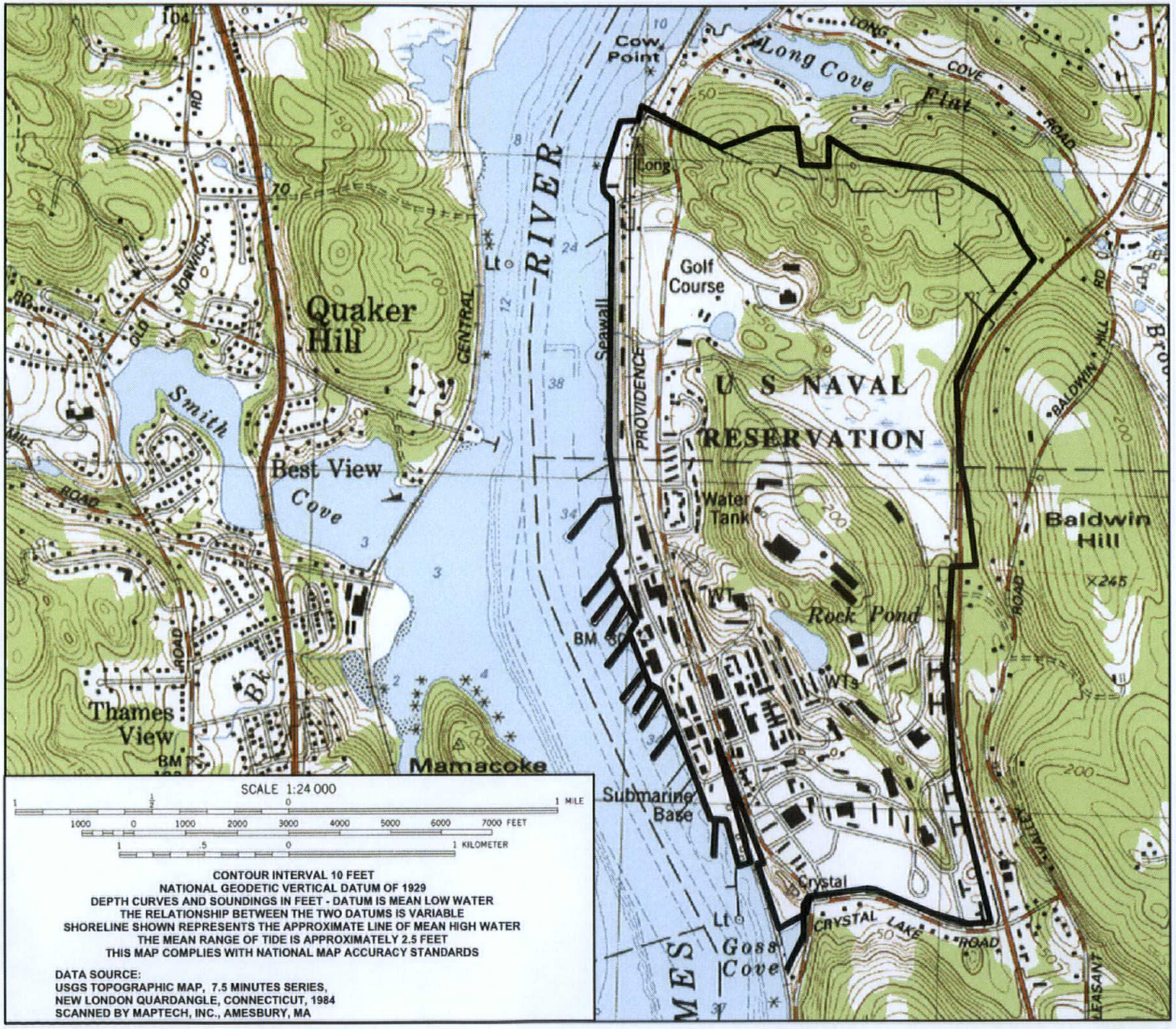
FIGURES

FIGURES



Contract No.	N62472-02-D-0810
Description	Goss Cove Landfill, NSB-NLON, Groton, CT
Coordinate System	NAD 1983, State Plane, Connecticut, in feet
Sources	USGS Topographic Map, 7.5 minutes series

		Rev.	Date	Approved
Date	7-SEP-2005			
Drawn	J. Kim			
CB	G. Ranganathan			
App.				

Data Source:
USGS Topographic Map, 7.5 minute series, New London Quadrangle, Connecticut, 1984 scanned by Maptech, Inc., Amsbury, MA

Figure 1-1

AREA OF DETAIL

Title:

Location Map
U.S. Naval Reservation
NSB-NLON
Groton, Connecticut

Engineering Field Activity Northeast
Naval Facilities Engineering Command
Naval Submarine Base New London
Groton, Connecticut

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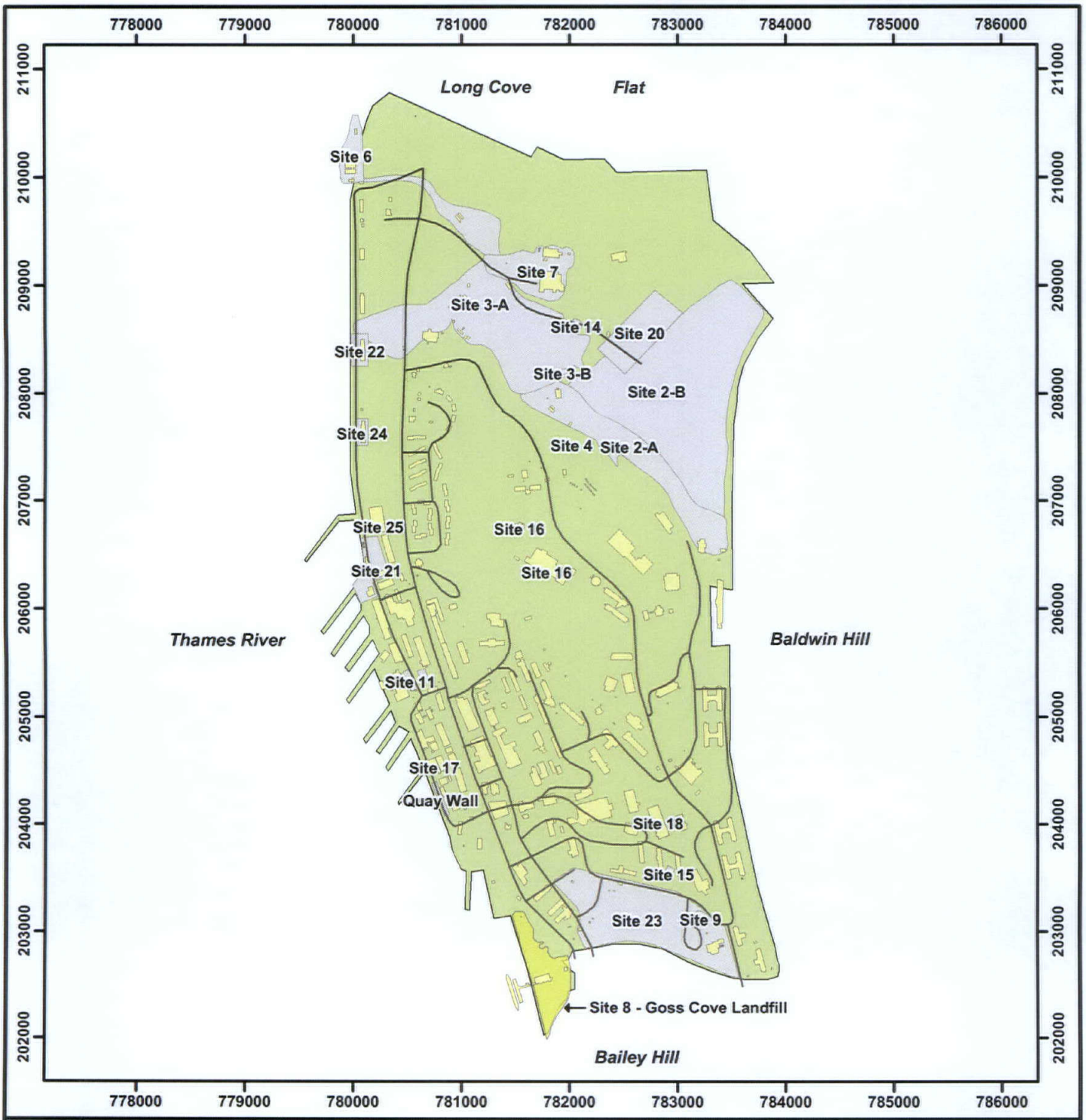

Contract No.	N62472-02-D-0810
Description	Goss Cove Landfill, NSB-NLON, Groton, CT
Coordinate system	NAD 1983, State Plane, Connecticut, in feet
Sources	Roads, Buildings and Naval Base Boundary provided by Tetra Tech NUS, Inc. in May 1998 on behalf of U.S. Navy

Date	7-SEP-2005	Rev.	Date	App. By
DB	J. Kim			
CB	G. Ranganathan			
AB				

Area of Detail

Legend

- Roads
- Buildings
- Naval Base Area
- Site 8 - Goss Cove Landfill
- Other Study Area Locations

Figure 1-2

Title:

Site Map
Goss Cove Landfill
NSB-NLON
Groton, Connecticut

Engineering Field Activity Northeast
Naval Facilities Engineering Command
Naval Submarine Base New London
Groton, Connecticut

ECC Marlborough, MA
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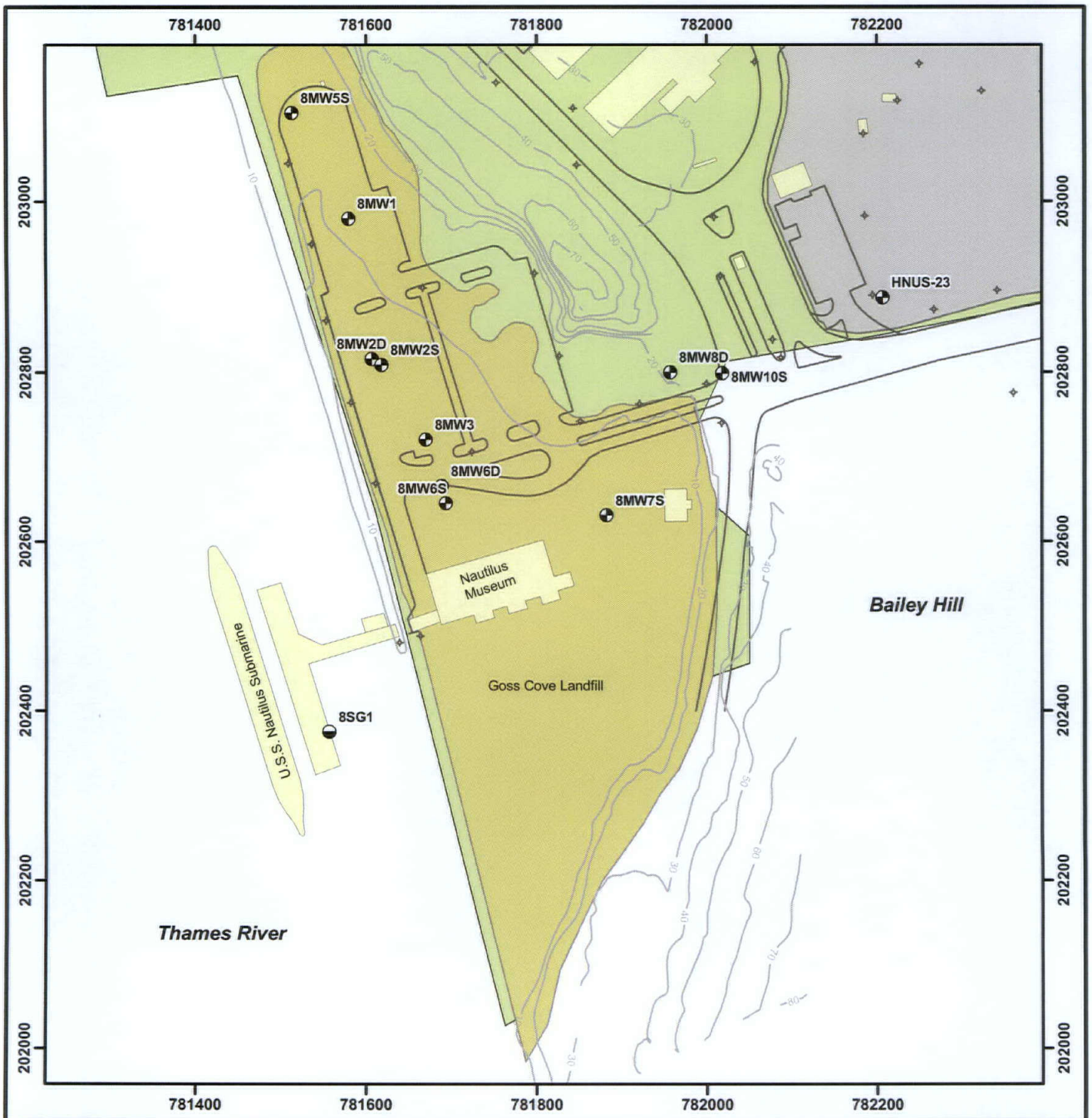

Contract No.	N62472-02-D-0810
Description	Goss Cove Landfill, NSB-NLON, Groton, CT
Coordinate system	NAD 1983, State Plane, Connecticut, in feet
Sources	Roads, Buildings and Naval Base Boundary provided by Tetra Tech NUS, Inc. in May 1998 on behalf of U.S. Navy

Date	7-SEP-2005	Rev.	Date	App. By
DB	J. Kim			
CB	G. Ranganathan			
AB				

Area of Detail

Legend

- Monitoring Wells
- Staff Gauge
- Base Boundary
- Other Study Area Locations
- Goss Cove Landfill
- Buildings
- Parking and Roadways
- Topographic Elevation Contour (NAVD 88)

Figure 2-1

Title:

Groundwater Monitoring and Sampling Locations in Goss Cove Landfill (Site 8)

Engineering Field Activity Northeast
Naval Facilities Engineering Command
Naval Submarine Base New London
Groton, Connecticut

ECC Marlborough, MA
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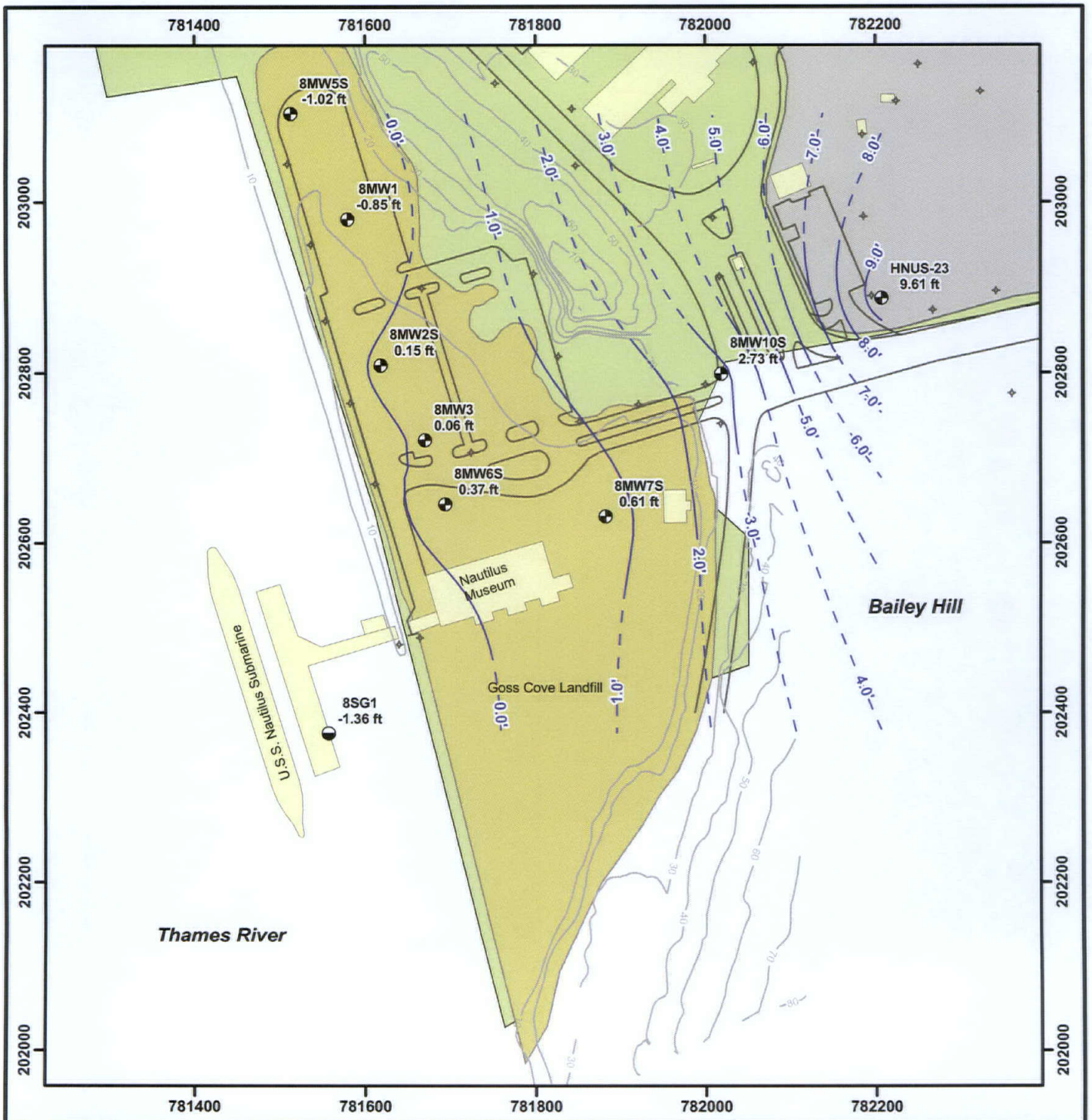
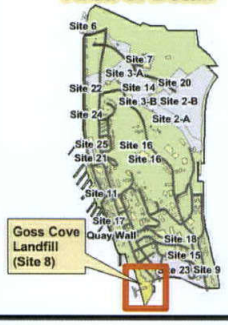


Contract No.	N62472-02-D-0810
Description	Goss Cove Landfill, NSB-NLON Groton, CT
Coordinate system	NAD 1983, State Plane, Connecticut, in feet
Sources	Roads, Buildings and Naval Base Boundary provided by Tetra Tech NUS, Inc. in May 1998 on behalf of U.S. Navy

Date	7-SEP-2005	Rev.	Date	App. By
DB	J. Kim			
CB	G. Ranganathan			
AB				

Area of Detail



Legend

- Monitoring Wells
- Staff Gauge
- Base Boundary
- Other Study Area Locations
- Goss Cove Landfill
- Buildings
- Parking and Roadways
- Topographic Elevation Contour (NAVD 88)
- Interpolated Potentiometric Surface (NAVD 88 ft)
- Potentiometric Surface (NAVD 88 ft)

Figure 2-2

Title:

Potentiometric Surface Map Low Tide, Round 14 Groundwater Monitoring Goss Cove Landfill (Site 8)

Engineering Field Activity Northeast
Naval Facilities Engineering Command
Naval Submarine Base New London
Groton, Connecticut

ECC Marlborough, MA
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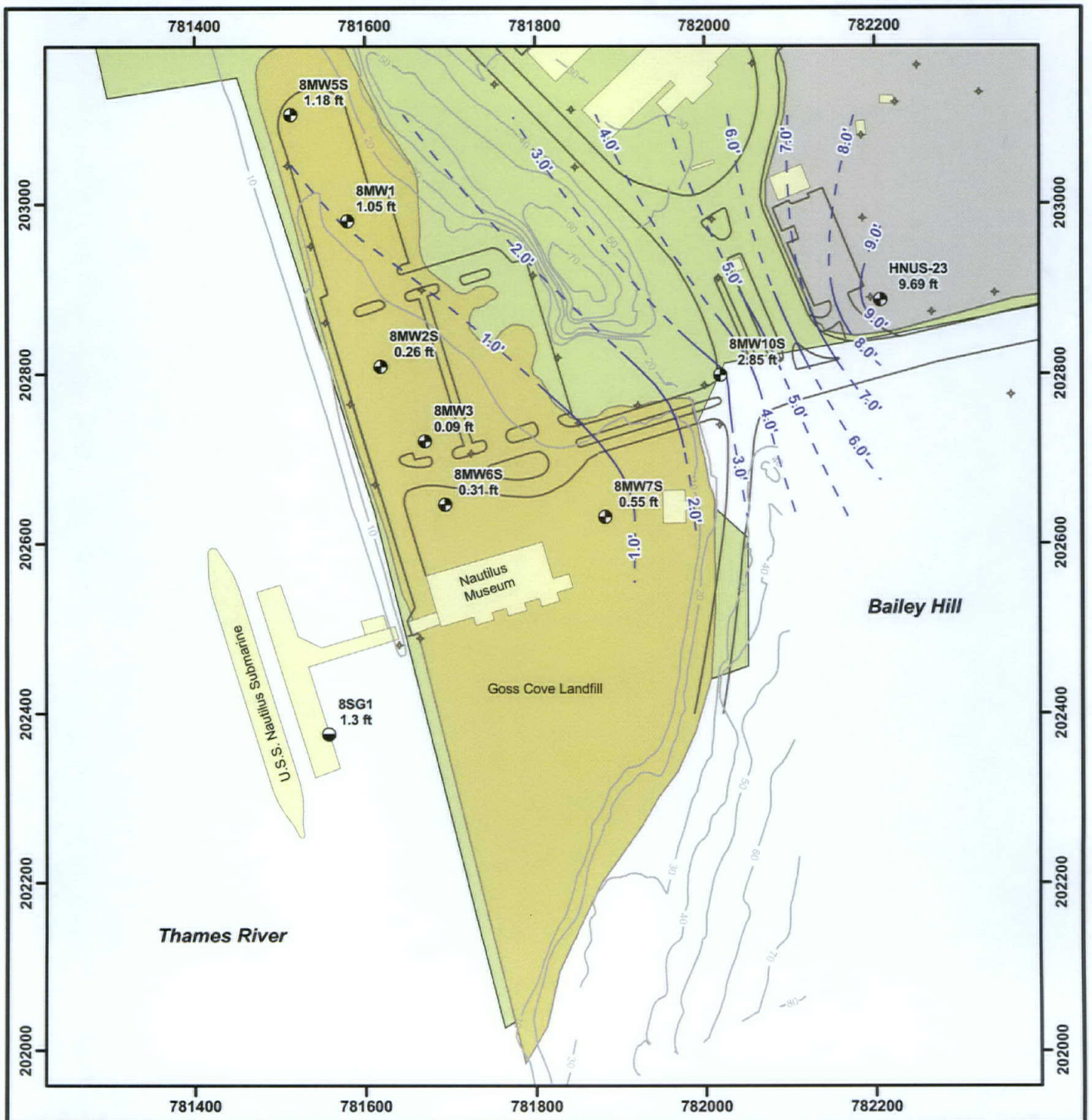
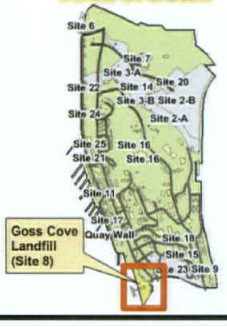


Contract No.	N62472-02-D-0810
Description	Goss Cove Landfill, NSB-NLON, Groton, CT
Coordinate system	NAD 1983, State Plane, Connecticut, in feet
Sources	Roads, Buildings and Naval Base Boundary provided by Tetra Tech NUS, Inc. in May 1998 on behalf of U.S. Navy

Date	7-SEP-2005	Rev.	Date	App. By
DB	J. Kim			
CB	G. Ranganathan			
AB				

Area of Detail



Legend

- Monitoring Wells
- Staff Gauge
- Base Boundary
- Other Study Area Locations
- Goss Cove Landfill
- Buildings
- Parking and Roadways
- Topographic Elevation Contour (NAVD 88)
- Interpolated Potentiometric Surface (NAVD 88 ft)
- Potentiometric Surface (NAVD 88 ft)

Figure 2-3

Title:

Potentiometric Surface Map High Tide, Round 14 Groundwater Monitoring Goss Cove Landfill (Site 8)

Engineering Field Activity Northeast
Naval Facilities Engineering Command
Naval Submarine Base New London
Groton, Connecticut

ECC Marlborough, MA
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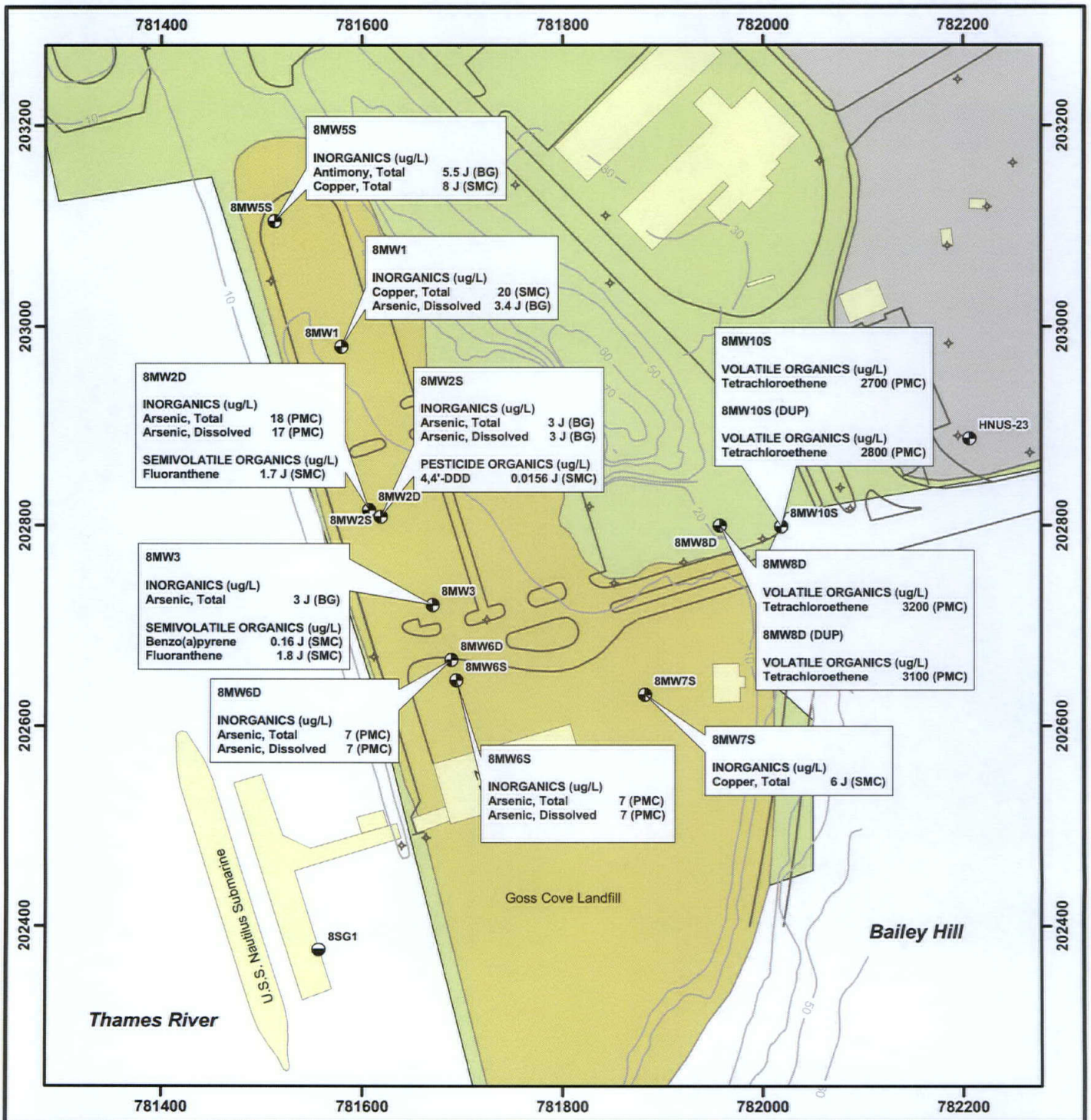

Contract No.	N62472-02-D-0810
Description	Goss Cove Landfill, NSB-NLON, Groton, CT
Coordinate system	NAD 1983, State Plane, Connecticut, in feet
Sources	Roads, Buildings and Naval Base Boundary provided by Tetra Tech NUS, Inc. in May 1998 on behalf of U.S. Navy

Date	14-SEP-2005	Rev.	Date	App. By
DB	J. Kim			
CB	M. Johanson			
AB				

Area of Detail

Legend

- Monitoring Wells
- Staff Gauge
- Base Boundary
- Other Study Area Locations
- Goss Cove Landfill
- Buildings
- Parking and Roadways
- Topographic Elevation Contour (NAVD 88)

Figure 3-1

Title: **COPC Exceedances of Monitoring Criteria Round 14 Groundwater Sampling**

Engineering Field Activity Northeast
Naval Facilities Engineering Command
Naval Submarine Base New London
Groton, Connecticut

ECC Marlborough, MA
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TABLES

TABLE 2-1
GROUNDWATER MEASUREMENTS AND ELEVATIONS
ROUND 14 GROUNDWATER MONITORING REPORT
GOSS COVE LANDFILL, NSB-NLON, GROTON, CONNECTICUT

July 5, 2005 LOW TIDE = 15:41						June 29, 2005 HIGH TIDE = 16:51					
Location	Relative Well Screen Depth	Tidal (Y/N)	Measuring Point Elevation (ft NAVD 88)	Depth to Water(1) (ft)	Groundwater Elevation (ft NAVD 88)	Location	Relative Well Screen Depth	Tidal (Y/N)	Measuring Point Elevation (ft NAVD 88)	Depth to Water(1) (ft)	Groundwater Elevation (ft NAVD 88)
8MW1	S	Y	11.97	12.82	-0.85	8MW1	S	Y	11.97	10.92	1.05
8MW2D	D	Y	9.93	10.41	-0.48	8MW2D	D	Y	9.93	8.65	1.28
8MW2S	S	Y	9.63	9.48	0.15	8MW2S	S	Y	9.63	9.37	0.26
8MW3	S	Y	8.27	8.21	0.06	8MW3	S	Y	8.27	8.18	0.09
8MW5S	S	Y	12.32	13.34	-1.02	8MW5S	S	Y	12.32	11.14	1.18
8MW6D	D	Y	7.45	7.64	-0.19	8MW6D	D	Y	7.45	5.92	1.53
8MW6S	S	N	8.41	8.04	0.37	8MW6S	S	N	8.41	8.10	0.31
8MW7S	S	N	9.19	8.58	0.61	8MW7S	S	N	9.19	8.64	0.55
8MW8D	B	Y	17.20	17.11	0.09	8MW8D	B	Y	17.20	16.02	1.18
8MW10S	S	N	19.24	16.51	2.73	8MW10S	S	N	19.24	16.39	2.85
8SG1**	NA	Y	8.37	9.73	-1.36	8SG1**	NA	Y	8.37	7.07	1.3
HNUS 23	S	N	18.11	8.50	9.61	HNUS 23	S	N	18.11	8.42	9.69

ft = feet

NAVD 88 = North American Vertical Datum 1988

(1) Depth to water is the distance in feet from the measuring point (top of riser pipe) to the water.

B = bedrock groundwater

D = deep unconfined groundwater

S = shallow unconfined groundwater

N = no

NA = not applicable

Y = yes

** = staff gauge is a tape down reading.

TABLE 2-2
WATER QUALITY DATA
ROUND 14 GROUNDWATER MONITORING REPORT
GOSS COVE LANDFILL, NSB-NLON, GROTON, CONNECTICUT

WELL	DATE	TIME (24hr)	Cumulative Volume Purged (liters)	Temp (°C)	pH (std)	SpC (mS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity (ppt)	Purge Rate (ml/min)
8MW1	06/29/05	10:45	8.13	18.46	7.78	24.31	0.59	-126.0	1.3	15.21	125
8MW2D	06/28/05	09:42	8.80	16.86	9.43	20.95	0.03	-178.3	4	12.58	125
8MW2S	06/28/05	10:44	10.10	18.18	7.28	11.25	0.20	-131.3	7	6.43	125
8MW3	06/28/05	10:40	6.00	14.83	8.70	1.614	0.13	-283.0	3	0.82	100
8MW5S	06/28/05	09:40	7.50	17.24	7.06	9.285	3.26	-16.0	1	6.61	100
8MW6D	06/30/05	11:33	14.05	15.90	6.97	34.2	1.39	-122.5	1	21.54	175
8MW6S	06/29/05	14:52	6.30	16.82	6.97	4.231	0.16	-135.2	0	2.26	125
8MW7S	06/28/05	13:37	8.80	14.80	7.06	0.654	0.19	-144.8	9	0.32	125
8MW8D	06/29/05	10:47	10.10	14.58	5.67	0.259	7.25	580.9	2	0.12	150
8MW10S	06/28/05	17:57	10.55	15.74	5.80	0.189	7.82	222.3	0	0.09	175
HNUS 23	06/28/05	15:58	8.70	14.08	5.58	0.411	0.44	549.8	8	0.20	140

°C = degrees Celcius
DO = dissolved oxygen
mg/L = milligrams per liter
ml/min = milliliters per minute
mS/cm = millisiemens per centimeter
mV = millivolts
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
ppt = parts per thousand
SpC = specific conductivity
std = standard units
Temp = temperature

TABLE 3-1
GROUNDWATER COPC ANALYTICAL RESULTS SUMMARY
ROUND 14 GROUNDWATER MONITORING REPORT
GOSS COVE LANDFILL, NSB-NLON, GROTON, CONNECTICUT

Chemical of Potential Concern	Primary Monitoring Criteria [1]	Secondary Monitoring Criteria [3]	NSB-NLON Background Concentration[7]	8MW1 Round 14 6/29/2005	8MW2D Round 14 6/28/2005	8MW2S Round 14 6/28/2005	8MW3 Round 14 6/28/2005	8MW5S Round 14 6/28/2005	8MW6D Round 14 6/30/2005	8MW6S Round 14 6/29/2005	8MW7S Round 14 6/28/2005	8MW8D Round 14 6/29/2005	8MW8D(DUP) Round 14 6/29/2005	8MW10S Round 14 6/28/2005	8MW10S (DUP) Round 14 6/28/2005	HNUS23 Round 14 6/28/2005
VOCs (µg/L)																
METHYLENE CHLORIDE	50,000[2]	470	--	5 UJ	5 UJ	5 UJ	**0.99 J**	5 UJ	5 U	5 UJ	5 UJ	250 U	250 U	12 U	250 U	5 UJ
TETRACHLOROETHENE	2,040	8.85	--	0.5 U	**4.9**	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	**3200**	**3100**	**2700**	**2800**	**0.66**
O-XYLENE	50,000[2]	NA	--	1 U	1 U	**16**	**36**	1 U	**110**	1 U	1 U	50 U	50 U	2.5 U	50 U	1 U
P/M-XYLENE				1 U	**1.4**	**32**	**90**	1 U	**0.45 J**	1 U	**2.1**	50 U	50 U	2.5 U	50 U	1 U
SVOCs (µg/L)																
BENZO(A)ANTHRACENE	113	0.49	--	0.19 U	**0.086 J**	**0.041 J**	**0.24**	0.2 U	0.19 U	**0.066 J**	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U
BENZO(A)PYRENE	11.3	0.049[4][8]	--	0.19 UJ	0.19 UJ	0.19 UJ	**0.16 J**	0.2 UJ	0.19 U	0.19 UJ	0.2 UJ	0.19 UJ	0.2 UJ	0.19 UJ	0.2 UJ	0.2 UJ
BENZO(B)FLUORANTHENE	113	0.49	--	0.19 U	0.19 U	0.19 U	**0.15 J**	0.2 U	0.19 UJ	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U
BENZO(G,H,I)PERYLENE	1,130	4.92	--	0.24 U	0.24 U	0.24 U	**0.1 J**	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U	0.24 U	0.24 U	0.25 U
BENZO(K)FLUORANTHENE	113	0.49	--	**0.04 J**	0.19 UJ	0.19 UJ	**0.18 J**	0.2 UJ	0.19 UJ	0.19 UJ	0.2 UJ	0.19 UJ	0.2 UJ	0.19 UJ	0.2 UJ	0.2 UJ
BIS(2-ETHYLHEXYL)PHTHALATE	1,360	5.9	--	9.6 U	9.6 U	9.7 U	9.6 U	9.8 U	9.6 U	9.6 U	9.8 U	9.7 U	9.9 U	9.7 U	9.8 U	9.9 U
CARBAZOLE	NA	NA	--	4.8 U	**6.2**	4.8 U	**5.1**	4.9 U	4.8 U	**2 J**	4.9 U	4.8 U	4.9 U	4.8 U	4.9 U	4.9 U
CHRYSENE	1,130	4.92	--	**0.047 J**	**0.094 J**	**0.039 J**	**0.26**	0.2 U	0.19 U	**0.072 J**	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U
DIBENZO(A,H)ANTHRACENE	2.3	0.01[9]	--	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U
FLUORANTHENE	294	1.28	--	**0.15 J**	**1.7 J**	**0.23 J**	**1.8 J**	0.2 UJ	**0.15 J**	**1.1 J**	**1.1 J**	0.19 UJ	0.2 UJ	0.19 UJ	0.2 UJ	0.2 UJ
INDENO(1,2,3-CD)PYRENE	113	0.49	--	0.19 U	0.19 U	0.19 U	**0.096 J**	0.2 U	0.19 U	0.19 U	0.2 U	0.19 U	0.2 U	0.19 U	0.2 U	0.2 U
PHENANTHRENE	11,300	49.2	--	**0.12 J**	**2.9**	**0.048 J**	**6.6**	**0.051 J**	**0.068 J**	**1.2**	**0.65**	0.19 U	0.2 U	**0.04 J**	**0.047 J**	0.2 U
PYRENE	11,300	49.2	--	**0.13 J**	**1.2 J**	**0.18 J**	**1.1 J**	0.2 UJ	**0.083 J**	**0.71 J**	**0.61 J**	0.19 UJ	0.2 UJ	0.19 UJ	0.2 UJ	0.2 UJ
Pesticides/PCBs (µg/L)																
4,4-DDD	0.19	0.00084[9]	--	0.04 U	0.04 U	**0.0156 J**	0.0404 U	0.04 U	0.0412 U	0.0412 U	0.0412 U	0.0412 U	0.0417 U	0.04 U	0.04 U	0.0408 U
4,4-DDE	0.14	0.00059[9]	--	0.04 U	0.04 U	0.04 U	0.0404 U	0.04 U	0.0412 U	0.0412 U	0.0412 U	0.0412 U	0.0417 U	0.04 U	0.04 U	0.0408 U
4,4-DDT	0.14	0.00059[9]	--	0.04 U	0.04 U	0.04 U	0.0404 U	0.04 U	0.0412 U	0.0412 U	0.0412 U	0.0412 U	0.0417 U	0.04 U	0.04 U	0.0408 U
ALDRIN	0.032	0.00014[9]	--	0.02 U	0.02 U	0.02 U	0.0202 U	0.02 U	0.0206 U	0.0206 U	0.0206 U	0.0206 U	0.0208 U	0.02 U	0.02 U	0.0204 U
AROCLOR-1248	0.039	0.00017[9]	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR-1254	0.039	0.00017[9]	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
AROCLOR-1260	0.039	0.00017[9]	--	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DIELDRIN	0.032	0.00014[9]	--	0.04 U	0.04 U	0.04 U	0.0404 U	0.04 U	0.0412 U	0.0412 U	0.0412 U	0.0412 U	0.0417 U	0.04 U	0.04 U	0.0408 U
HEPTACHLOR	0.05	0.00021[9]	--	0.02 U	0.02 U	0.02 U	0.0202 U	0.02 U	0.0206 U	0.0206 U	0.0206 U	0.0206 U	0.0208 U	0.02 U	0.02 U	0.0204 U

See notes on next page.

TABLE 3-1
GROUNDWATER COPC ANALYTICAL RESULTS SUMMARY
ROUND 14 GROUNDWATER MONITORING REPORT
GOSS COVE LANDFILL, NSB-NLON, GROTON, CONNECTICUT

Chemical of Potential Concern	Primary Monitoring Criteria [1]	Secondary Monitoring Criteria [3]	NSB-NLON Background Concentration[7]	8MW1 Round 14 6/29/2005	8MW2D Round 14 6/28/2005	8MW2S Round 14 6/28/2005	8MW3 Round 14 6/28/2005	8MW5S Round 14 6/28/2005	8MW6D Round 14 6/30/2005	8MW6S Round 14 6/29/2005	8MW7S Round 14 6/28/2005	8MW8D Round 14 6/29/2005	8MW8D(DUP) Round 14 6/29/2005	8MW10S Round 14 6/28/2005	8MW10S (DUP) Round 14 6/28/2005	HNUS23 Round 14 6/28/2005
Inorganics (total) (µg/L)																
ANTIMONY	989,000	4,300	2.9	50 U	50 U	50 U	50 U	**5.5 J**	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
ARSENIC	4.8	0.021[9]	1.92	4 U	**18**	**3 J**	**3 J**	4 U	**7**	**7**	4 U	4 U	4 U	4 U	4 U	4 U
BERYLLIUM	29.9	0.13[8]	NA	4 U	4 U	4 U	0.2 U	4 U	4 U	0.3 U	0.2 U	4 U	0.2 U	0.2 U	4 U	4 U
CADMIUM	2,140	8.8[5]	NA	5 U	5 U	5 U	0.2 U	5 U	5 U	5 U	0.3 U	5 U	0.2 U	0.3 U	0.4 U	5 U
COPPER	713	3.1[6][8]	107	**20**	10 U	**2 J**	**2 J**	**8 J**	10 U	**3 J**	**6 J**	10 U	10 U	**1 J**	**2 J**	**1 J**
LEAD	1,860	8.1[6]	6.63	10 U	10 U	10 U	2.7 U	10 U	10 U	1.7 U	2.8 U	10 U	10 U	1.6 U	10 U	10 U
MERCURY	216	0.051[8]	NA	0.2 U	0.2 U	0.2 U	**0.030 J**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL	1,890	8.2[6][8]	32.2	1.7 U	2.3 U	2 U	0.9 U	2.9 U	1.4 U	1.5 U	2.7 U	1.4 U	1.3 U	1.9 U	2.5 U	4.5 U
VANADIUM	NA	NA	10.2	10 U	10 U	**1 J**	10 U	**2 J**	10 U	**1 J**	10 U	10 UJ	**1 J**	10 U	10 U	**1 J**
ZINC	18,600	81[6]	131	**20 J**	50 U	**13 J**	**7 J**	**32 J**	**4 J**	**7 J**	**34 J**	**9 J**	**10 J**	**30 J**	**31 J**	**9 J**
Inorganics (dissolved) (µg/L)																
ANTIMONY	989,000	4,300	2.01	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
ARSENIC	4.8	0.021[9]	2.55	**3.4 J**	**17**	**3 J**	4 U	4 U	**7**	**7**	4 U	4 U	4 U	4 U	4 U	4 U
BERYLLIUM	29.9	0.13[8]	NA	4 U	4 U	4 U	0.1 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	0.1 U	4 U
CADMIUM	2,140	8.8[5]	NA	5 U	5 U	5 U	0.1 U	5 U	5 U	5 U	5 U	5 U	0.1 U	0.4 U	0.1 U	5 U
COPPER	713	3.1[6][8]	39.4	**2 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
LEAD	1,860	8.1[6]	2.52	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
MERCURY	216	0.051[8]	NA	0.2 U	0.2 U	0.2 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
NICKEL	1,890	8.2[6][8]	15.3	1.7 U	2.2 U	2.1 U	1.6 U	2.7 U	1.6 U	1.6 U	2.7 U	1.1 U	1.5 U	1.3 U	1.1 U	3.9 U
VANADIUM	NA	NA	9.9	10 U	10 U	10 U	10 U	**1 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
ZINC	18,600	81[6]	109	**13 J**	50 U	**7 J**	**4 J**	**25 J**	**5 J**	**3 J**	**12 J**	**8 J**	**8 J**	**27 J**	**27 J**	**4 J**

NOTES:
DUP = Field duplicate sample, J = Estimated Value, U = Undetected Value, NA = Not available, -- = Not analyzed for in background samples.
Bold type denotes analyte detection.
Shaded boxes denote exceedances of primary or secondary monitoring criterion and/or background groundwater concentrations. Color of shading denotes highest criterion exceeded.
Primary and Secondary Monitoring Criteria shown in table are from the New London O&M plan dated March 2003b.

1 Surface Water Protection Criteria for Substances in Groundwater, using a site specific dilution factor (TtNUS 2003).
2 Industrial/commercial volatilization criteria in groundwater (CTDEP 1996)
3 Connecticut Water Quality Standards for the protection of Human Health for the consumption of organisms (CTDEP 1997).
4 National Recommended Water Quality Criteria for the Protection of human health from the consumption of organisms (USEPA, 1999).
5 National Recommended Water Quality Criteria for the Protection of of aquatic life (continuous, saltwater) (USEPA, 1999), updated cadmium Ambient Water Quality Criterion (USEPA, 2001)
6 Connecticut Water Quality Standards for the protection of aquatic life (chronic, saltwater) (CTDEP 1997).
7 Background Concentrations taken from the Basewide Groundwater Operable Unit Remedial Investigation Report (TtNUS, 2002a).
8 The laboratory method reporting limit exceeds the secondary monitoring criterion for this compound.
9 The laboratory method reporting limit and method detection limit exceed the secondary monitoring criterion for this compound

APPENDIX A

Monitoring Well Inspections Sheets

MONITORING WELL INSPECTION SHEET

WELL ID: HNUS 23 **DATE:** 6-27-05

INSPECTOR'S NAME: Fred Santos **TIME:**

INSPECTION ITEM	TYPES OF PROBLEMS	STATUS		OBSERVATION
		S	U	
Well Tag	Is it in place, legible?	✓		
Well Security	Condition of protective case, cap and lock.	✓		
Well Pad	Concrete or gravel & condition	✓		Grass field
Well Seal	Condition of.....	✓		
Area immediately around well pad.	Record any evidence of /or standing water in area of well	✓	✓	FJ
Dedicated sampling equipment	Condition.....	✓		
PVC Riser	Condition of riser & survey reference point	✓		

Comments:

Signature: Suzanne Whitesides

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

MONITORING WELL INSPECTION SHEET

WELL ID: 8MW2D

DATE: 6-27-05

INSPECTOR'S NAME: Fred Santos Sue W.

TIME:

INSPECTION ITEM	TYPES OF PROBLEMS	STATUS		OBSERVATION
		S	U	
Well Tag	Is it in place, legible?	✓		
Well Security	Condition of protective case, cap and lock.		✓	1 bolt (1 collar tab broke)
Well Pad	Concrete or gravel & condition	✓		
Well Seal	Condition of.....		✓	
Area immediately around well pad.	Record any evidence of /or standing water in area of well			no water
Dedicated sampling equipment	Condition.....			
PVC Riser	Condition of riser & survey reference point			flush mount

Comments:

Signature: S Whiteside

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

MONITORING WELL INSPECTION SHEET

WELL ID: 8MW3 **DATE:** 6-27-05

INSPECTOR'S NAME: Fred Santos **TIME:**

INSPECTION ITEM	TYPES OF PROBLEMS	STATUS		OBSERVATION
		S	U	
Well Tag	Is it in place, legible?	✓		
Well Security	Condition of protective case, cap and lock.	✓		
Well Pad	Concrete or gravel & condition	✓		
Well Seal	Condition of.....	✓		
Area immediately around well pad.	Record any evidence of /or standing water in area of well	✓		
Dedicated sampling equipment	Condition.....	✓		
PVC Riser	Condition of riser & survey reference point	✓		flushmount

Comments:

Signature: Suzanne Whitesides

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

MONITORING WELL INSPECTION SHEET

WELL ID: 8 MW 65 **DATE:** 6-27-05

INSPECTOR'S NAME: Fred Santos **TIME:** 14:48

INSPECTION ITEM	TYPES OF PROBLEMS	STATUS		OBSERVATION
		S	U	
Well Tag	Is it in place, legible?	✓		
Well Security	Condition of protective case, cap and lock.	✓		
Well Pad	Concrete or gravel & condition	✓		
Well Seal	Condition of.....	✓		
Area immediately around well pad.	Record any evidence of /or standing water in area of well	✓		
Dedicated sampling equipment	Condition.....	✓		
PVC Riser	Condition of riser & survey reference point	✓		

Comments:

Signature: Suzanne Whitesides

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

MONITORING WELL INSPECTION SHEET

WELL ID: ~~SSG01~~ SW 8MW2S

DATE: 6.27.05

INSPECTOR'S NAME: Fred Santos

TIME:

INSPECTION ITEM	TYPES OF PROBLEMS	STATUS		OBSERVATION
		S	U	
Well Tag	Is it in place, legible?	✓		
Well Security	Condition of protective case, cap and lock.		✓	
Well Pad	Concrete or gravel & condition		✓	chunks of concrete missing
Well Seal	Condition of.....		✓	
Area immediately around well pad.	Record any evidence of /or standing water in area of well		✓	cracked asphalt
Dedicated sampling equipment	Condition.....	✓		
PVC Riser	Condition of riser & survey reference point	✓		

Comments:

Signature:

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

MONITORING WELL INSPECTION SHEET

WELL ID: 8MW7S

DATE: 6-27-05

INSPECTOR'S NAME: Fred Santos

TIME: 14:50

INSPECTION ITEM	TYPES OF PROBLEMS	STATUS		OBSERVATION
		S	U	
Well Tag	Is it in place, legible?	✓		
Well Security	Condition of protective case, cap and lock.	✓		
Well Pad	Concrete or gravel & condition	✓		
Well Seal	Condition of.....	✓		
Area immediately around well pad.	Record any evidence of /or standing water in area of well	✓		
Dedicated sampling equipment	Condition.....	✓		
PVC Riser	Condition of riser & survey reference point	✓		flushmount

Comments:

Signature: Suzanne Whiteside

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

MONITORING WELL INSPECTION SHEET

WELL ID: 8MW8D

DATE: 6-27-05

INSPECTOR'S NAME: Fred Santos

TIME: 14:53

INSPECTION ITEM	TYPES OF PROBLEMS	STATUS		OBSERVATION
		S	U	
Well Tag	Is it in place, legible?	✓		
Well Security	Condition of protective case, cap and lock.	✓		
Well Pad	Concrete or gravel & condition	✓		
Well Seal	Condition of.....	✓		
Area immediately around well pad.	Record any evidence of /or standing water in area of well	✓		
Dedicated sampling equipment	Condition.....	✓		
PVC Riser	Condition of riser & survey reference point	✓		flushmount

Comments:

Signature: Suzanne White ECC

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

MONITORING WELL INSPECTION SHEET

WELL ID: 8MW10S **DATE:** 6-27-05

INSPECTOR'S NAME: Fred Santos **TIME:**

INSPECTION ITEM	TYPES OF PROBLEMS	STATUS		OBSERVATION
		S	U	
Well Tag	Is it in place, legible?	✓		
Well Security	Condition of protective case, cap and lock.	✓		
Well Pad	Concrete or gravel & condition			well in street no concrete
Well Seal	Condition of.....		✓	No seal - road dirt around riser
Area immediately around well pad.	Record any evidence of /or standing water in area of well			busy street
Dedicated sampling equipment	Condition.....			NA
PVC Riser	Condition of riser & survey reference point	✓		flushmount

Comments:

Signature: Suzanne Whitesides

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

MONITORING WELL INSPECTION SHEET

WELL ID: 8MW5S

DATE: 6-27-05

INSPECTOR'S NAME: Fred Santos

TIME: 14:44

INSPECTION ITEM	TYPES OF PROBLEMS	STATUS		OBSERVATION
		S	U	
Well Tag	Is it in place, legible?	✓		
Well Security	Condition of protective case, cap and lock.		✓	1 collar tab broken
Well Pad	Concrete or gravel & condition	✓		
Well Seal	Condition of.....	✓		
Area immediately around well pad.	Record any evidence of /or standing water in area of well		✓	asphalt cracked
Dedicated sampling equipment	Condition.....			N/A
PVC Riser	Condition of riser & survey reference point	✓		flushmount

Comments:

Signature: S Whitesick

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

MONITORING WELL INSPECTION SHEET

WELL ID: 8MW1 **DATE:** 6-27-05

INSPECTOR'S NAME: Fred Santos Sue W. **TIME:** 14:42

INSPECTION ITEM	TYPES OF PROBLEMS	STATUS		OBSERVATION
		S	U	
Well Tag	Is it in place, legible?	✓		
Well Security	Condition of protective case, cap and lock.			1 collar tab broken
Well Pad	Concrete or gravel & condition	✓		
Well Seal	Condition of.....	✓		
Area immediately around well pad.	Record any evidence of /or standing water in area of well	✓		
Dedicated sampling equipment	Condition.....	✓		
PVC Riser	Condition of riser & survey reference point	✓		flush mount

Comments:

Signature: S Whitesides

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

MONITORING WELL INSPECTION SHEET

WELL ID: 8MW 6D

DATE: 6-27-05

INSPECTOR'S NAME: Fred Santos

TIME: 14:46

INSPECTION ITEM	TYPES OF PROBLEMS	STATUS		OBSERVATION
		S	U	
Well Tag	Is it in place, legible?	✓		
Well Security	Condition of protective case, cap and lock.			no collar tabs
Well Pad	Concrete or gravel & condition	✓		
Well Seal	Condition of…..	✓		gravel
Area immediately around well pad.	Record any evidence of /or standing water in area of well		✓	cracked asphalt
Dedicated sampling equipment	Condition……	✓		
PVC Riser	Condition of riser & survey reference point	✓		flush mount

Comments:

Signature: Suzanne Whitesides

S = satisfactory, U = unsatisfactory
Check one, if unsatisfactory please explain

APPENDIX B

Groundwater Level Field Forms

Groundwater Level Measurement Sheet

Project Site: *NSB-NLON*

Location: *GOSS COVE - SITE 8*

Date: 6-29-05

High Tide: 16:51

Water Level Meter: Solinst 35452

Weather: overcast 80°

Field Crew: Fred S, Sue W.

Low Tide:

Well ID	Time	Depth to Water (FT)	PID Reading (ppm)	Comments
8MW5S	16:30	11.14	0	
8MW1	16:54	10.92	0	
8MW2D	16:52	8.65	0	
8MW2S	16:50	9.37	0	
8MW3	16:48	8.18	0	
8MW6D	16:45	5.92	0	
8MW6S	16:46	8.10	0	
8SG01	16:36	7.07	0	
8MW7S	16:38	8.64	0	
8MW8D	16:40	16.02	0	
8MW10S	16:43	16.39	0	
HNUS23	16:59	8.42	0	

Groundwater Level Measurement Sheet

Project Site: NSB-NLON

Location: GOSS COVE - SITE 8

Date: 7/5/05

High Tide:

Water Level Meter: Solinst 35452

Weather: 80°, Partly cloudy

Field Crew: Fred Santos

Low Tide: 1541

Well ID	Time	Depth to Water (FT)	PID Reading (ppm)	Comments
8MW5S	1535	13.34	0.0	
8MW1	1543	12.82	0.0	
8MW2D	1539	10.41	0.0	
8MW2S	1537	9.48	0.0	
8MW3	1549	8.21	0.0	
8MW6D	1546	7.64	0.0	
8MW6S	1547	8.04	0.0	
8SG01	1551	9.73	0.0	
8MW7S	1553	8.58	0.0	
8MW8D	1555	17.11	0.0	
8MW10S	1558	16.51	0.0	
HNUS23	1605	8.50	0.0	

APPENDIX C

Calibration Logs

INSTRUMENT CALIBRATION LOG

Project/Site Name Goss Cove/Heron Are **Date** 6-30-05 **Weather** rain 80's

Calibrated By Suzanne **Instrument** YSI Sonde **Serial Number** 00M0550AC 99F1380AA

Parameters	Pre-calibration Reading	Post-calibration Reading	Temperature °C	Comments
Conductivity	1000	989	19.64	
pH (7)	700	7.02	19.73	
pH (4)	400	3.98	19.66	
pH (10)	9.99	9.98	19.71	
ORP 237.5	237.5	238.6	17.82	
Dissolved Oxygen	100%	100.1%	19.68	
Barometric Pressure	761.6			

INSTRUMENT CALIBRATION LOG

Project/Site Name Goss Cove **Date** 6-29-05 **Weather** Hot Humid T-storms 90

Calibrated By Suzanne **Instrument** YSI Sonde **Serial Number** 01A0854 AD 99F1380 AA

Parameters	Pre-calibration Reading	Post-calibration Reading	Temperature °C	Comments
Conductivity	1000	1148	19.57	
pH (7)	7.00 ~~4.00~~ SW	7 00	19.70	
pH (4)	4.00 ~~9.98~~ SW	3.99	19.83	
pH (10)	9.98	9.95	19.83	
ORP 237.5	237.5	237.2	16.93	
Dissolved Oxygen	99.9%	102.6%	18.34	
Barometric Pressure	758.8			

INSTRUMENT CALIBRATION LOG

Project/Site Name Goss Cove **Date** 6-29-05 **Weather** Hot Humid T-storms 90°

Calibrated By Suzanne **Instrument** YSI Sonde **Serial Number** 00M0550 AC 00D0698 AD

Parameters	Pre-calibration Reading	Post-calibration Reading	Temperature °C	Comments
Conductivity	1000	945	19.95	
pH (7)	7.01	7.10	19.97	
pH (4)	4.00	4.03	19.98	
pH (10)	10.00	10.02	20.08	
ORP 237.5	237.6	236.5	18.56	
Dissolved Oxygen	100.1%	101.1%	19.50	
Barometric Pressure	760.9			

INSTRUMENT CALIBRATION LOG

Project/Site Name Goss Cove/Heron Ave **Date** 6-27-05 **Weather** 90° Sunny

Calibrated By Suzanne **Instrument** YSI / YSI Sonde **Serial Number** 00M0550 AS / 00D0698 AD

Parameters	Pre-calibration Reading	Post-calibration Reading	Temperature °C	Comments
Conductivity	1000	0936	23.52	
pH (7)	7.03	7.11	23.60	
pH (4)	4.00	4.04	23.44	
pH (10)	9.98	10.03	23.70	
ORP 237.5	237.5	235.8	20.80	
Dissolved Oxygen	101.1%	101.1%	23.09	
Barometric Pressure	768.7			

INSTRUMENT CALIBRATION LOG

Project/Site Name Goss Cove **Date** 6-27-05 **Weather** 90° sunny

Calibrated By Suzanne **Instrument** YSI Sonde **Serial Number** 01A0854 AD 99F1380 AA

Parameters	Pre-calibration Reading	Post-calibration Reading	Temperature °C	Comments
Conductivity	1000	919	22.82	
pH (7)	7.00	7.09	23.10	
pH (4)	4.00	3.97	22.96	
pH (10)	9.97	9.86	23.10	
ORP 237.5	237.5	235.7	20.93	
Dissolved Oxygen	100.7%	102.3	24.76	
Barometric Pressure	765.5			

INSTRUMENT CALIBRATION LOG

Project/Site Name Goss Cove **Calibrated By** Fred Santos

Instrument/Serial Number	Pre-cal 0 (NTU)	Pre-cal 10 (NTU)	Post-cal 0 (NTU)	Post-cal 10 (NTU)	Date
Lamotte Turbidimeter 4038-1103	0	10	0	10	6/27/05
Lamotte Turbidimeter 4079-1103	0	10	0	9.9	6/27/05
Lamotte Turbidimeter 4038-1103	0	10	0	10	6/29/05
Lamotte Turbidimeter 4029-1103	0	10	0	9.9	6/29/05
Lamotte Turbidimeter 4038-1103	0	10	0	10	6/30/05
Lamotte Turbidimeter 4029-1103	0	10	0	10	6/30/05
Lamotte Turbidimeter					
Lamotte Turbidimeter					
Lamotte Turbidimeter					
Lamotte Turbidimeter					
Lamotte Turbidimeter					
Lamotte Turbidimeter					

INSTRUMENT CALIBRATION LOG

Project/Site Name Goss Cove **Date** 6-29-05 **Weather** hot humid chance of T storm

Calibrated By Suzanne **Instrument** YSI Sonde **Serial Number** 02C0985 AN 01C0134 AB

Parameters	Pre-calibration Reading	Post-calibration Reading	Temperature °C	Comments
Conductivity	1000	993	19.74	
pH (7)	7.00	6.98	19.92	
pH (4)	3.99	4.01	19.93	
pH (10)	9.99	10.02	19.92	
ORP 237.5	237.5	238.5	17.04	
Dissolved Oxygen	100%	101.1%		
Barometric Pressure	765.8			

INSTRUMENT CALIBRATION LOG

Project/Site Name Goss Cove/Heron Ave **Date** 6-27-05 **Weather** 90° sunny

Calibrated By Suzanne **Instrument** YSI Sonde **Serial Number** 02C0985AN 01C0134AB

Parameters	Pre-calibration Reading	Post-calibration Reading	Temperature °C	Comments
Conductivity	1000	987	23.32	
pH (7)	7.02	7.12	23.50	
pH (4)	4.02	4.13	23.39	
pH (10)	9.91	9.83	23.42	
ORP 237.5	237.5	238.3	21.01	
Dissolved Oxygen	100.7%	101.3%	23.37	
Barometric Pressure	765.7			

APPENDIX D

Groundwater Sampling Logs

Environmental Chemical Corporation

Low Flow/Low Stress Groundwater Sampling Log

Project: Goss Cove
Location: New London, CT
Well ID: 8MW1

Date: 6/29/05
Sampler: Fred Santos
PID Reading: 0

Start Time: 0940 **End Time:**
Well Construction: 2" PVC
Depth to water: 10.85
Well Depth: 14.35
Water Column: 3.5
Total Volume Removed (L) 8.125

Field Testing Equipment

Make	Model	Serial #
YSI	600	99F1380A4
YSI	650	00M0550AC
Lam. He	Turbidimeter	4038-1103
MP10	Controller	1813

Time	volume removed (liters)	Flow Rate (ml/min)	Depth To Water (ft)	Temp (celsius)	pH (STD)	SPC mS/cm	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity (ppt)	color
0940		125	10.88	17.44	7.75	8.388	0.88	-116	7	4.02	Clear
0955	1.875	125	10.93	17.54	7.76	12.74	0.78	-119	1	12.21	Clear
1010	1.875	125	11.01	17.80	7.76	24.38	0.66	-117	5	15.60	Clear
1020	1.25	125	11.07	18.17	7.76	24.19	0.66	-120	6	6.69	Clear
1030	1.25	125	11.10	18.28	7.76	24.21	0.67	-120	5	6.69	Clear
1035	0.625	125	11.12	18.37	7.77	24.23	0.61	-123	6	15.05	Clear
1040	0.625	125	11.14	18.42	7.77	24.26	0.58	-125	6	15.08	Clear
1045	0.625	125	11.17	18.46	7.78	24.31	0.59	-126	6.3	15.21	Clear
Acceptance Criteria:			< 0.3 ft	3%	± 0.1	3%	10%	±10mv	10%		

2" screen volume = 0.163 gal/ft or 616 ml per foot

Sample Collection

Time	Sample ID	Container	# of Bottles	Preservative	Analyses
1050	8GW1-02	40ml vial	2	HCL	VOC
↓	↓	250ml poly	1	Na	Sulfate/Nitrate
		500ml poly	2	HNO3	Metals, Total + Dissolved (FF)
		1L Amber	6	None	PAH, Pest, PCB, Sim

Comments

Fred Santos
Signature

6/29/05
Date

Environmental Chemical Corporation

Low Flow/Low Stress Groundwater Sampling Log

Project: Goss Cove
Location: New London, CT
Well ID: 8GW02S

Date: 6-28-05
Sampler: Suzanne
FID Reading: 0.0

Start Time: 9:23 **End Time:** 10:45
Well Construction: 2" PVC
Depth to water: 9.62
Well Depth: 10.56
Water Column: 0.94
Total Volume Removed (L) 10.1

Field Testing Equipment

Make	Model	Serial #
YSI	650 MDS	00M0550 AC
YSI	600 XLM	00D0698 AD
La Motte	turbidimeter	4038-1103
QED	micropurge	08095

Time	volume removed (liters)	Flow Rate (ml/min)	Depth To Water (ft)	Temp (celsius)	pH (STD)	SPC mS/cm	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity (ppt)	color
9:24	.1	125	9.62	19.19	7.11	2.048	3.43	55.1	9	1.08	clear
9:34	1.25	125	9.62	17.95	7.26	9.515	0.61	-134.2	7	6.27	clear
9:44	1.25	125	9.63	17.99	7.26	10.96	0.42	-135.4	7	6.24	clear
9:54	1.25	125	9.63	18.27	7.27	10.87	0.35	-121.2	7	6.19	clear
10:04	1.25	125	9.63	18.45	7.27	11.03	0.33	-130.7	7	6.30	clear
10:14	1.25	125	9.64	18.40	7.27	11.21	0.26	-135.8	7	6.40	clear
10:24	1.25	125	9.64	18.26	7.27	11.29	0.24	-136.0	7	6.46	clear
10:34	1.25	125	9.65	18.08	7.27	11.30	0.25	-137.4	7	6.46	clear
10:39	.625	125	9.65	18.20	7.28	11.26	0.20	-132.6	7	6.43	clear
10:44	.625	125	9.65	18.18	7.28	11.25	0.20	-131.3	7	6.43	clear
Acceptance Criteria:			< 0.3 ft	3%	± 0.1	3%	10%	±10mv	10%		

2" screen volume = 0.163 gal/ft or 616 ml per foot

Sample Collection

Time	Sample ID	Container	# of Bottles	Preservative	Analyses
10:45	8-GW02S-02	40 ml vial	2	HCl	VOC
10:45	8-GW02S-02	250 ml poly	1	None	sulfate, nitrate
10:45	8-GW02S-02	500 ml poly	2	HNO_3	Metals, tot & dis (EF)
10:45	8-GW02S-02	1 L Amber	6	None	PAH, Pest, PCB, SVM

Comments

low tide sample

Suzanne Whitesick
Signature

6-28-05
Date

Environmental Chemical Corporation

Low Flow/Low Stress Groundwater Sampling Log

Project: Goss Cove
Location: New London, CT
Well ID: 8-GW02D

Date: 6-28-05
Sampler: Suzanne W
PID Reading: 0.0

Start Time: 8:31 **End Time:** 9:43
Well Construction: 2" PVC
Depth to water: 10.10
Well Depth: 25.78
Water Column: 15.68
Total Volume Removed (L) 8.8

Field Testing Equipment

Make	Model	Serial #
YSI	650 MDS	02C0985AN
YSI	600 XLM	01C0134AB
LaMotte turbidimeter		4038-1103
Geopump 2		332

Time	volume removed (liters)	Flow Rate (ml/min)	Depth To Water (ft)	Temp (celsius)	pH (STD)	SPC mS/cm	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity (ppt)	color
8:32	.1	125	10.34	16.84	10.62	37.28	0.29	-206.7	14	24.07	clear
8:42	1.25	125	11.30	16.92	9.53	40.89	0.06	-125.8	4	26.20	clear
8:52	1.25	125	11.80	17.26	9.12	40.05	0.02	-202.3	9	19.62	clear
9:02	1.25	125	12.33	17.08	10.08	23.22	0.07	-242.8	7	13.97	clear
9:12	1.25	125	12.51	16.98	9.72	22.12	0.03	-209.7	6	13.36	clear
9:22	1.25	125	12.56	16.77	9.69	21.98	0.03	-202.1	5	13.27	clear
9:32	1.25	125	12.63	16.89	9.43	21.01	0.03	-172.9	5	12.64	clear
9:37	.6	125	12.63	16.85	9.47	20.99	0.03	-171.9	4	12.62	clear
9:42	.6	125	12.64	16.86	9.43	20.95	0.03	-178.3	4	12.58	clear
Acceptance Criteria:			< 0.3 ft	3%	± 0.1	3%	10%	±10mv	10%		

2" screen volume = 0.163 gal/ft or 616 ml per foot

Sample Collection

Time	Sample ID	Container	# of Bottles	Preservative	Analyses
9:43	8-GW02D-02	40 ml vial	2	HCL	VOC
9:43	8-GW02D-02	250 ml poly	1	None	sulfate, Nitrate
9:43	8-GW02D-02	500 ml poly	2	HNO3	Metals, tot & dis (FE)
9:43	8-GW02D-02	1 L Amber	6	None	8270C, PAH, Pest 8081, PCB, 8082

Comments low tide sample

Suzanne Whiteside
Signature

6-28-05
Date

Environmental Chemical Corporation

Low Flow/Low Stress Groundwater Sampling Log

Project: Goss Cove
Location: New London, CT
Well ID: 8-GW 06S

Date: 6-29-05
Sampler: Suzanne W
PID Reading: 0.0

Start Time: 14:01 **End Time:** 14:53
Well Construction: 2" PVC
Depth to water: 8.14
Well Depth: 10.02
Water Column: 1.88
Total Volume Removed (L) 6.3

Field Testing Equipment

Make	Model	Serial #
YSI	650 MDS	01A0854 AD
YSI	600 XLM	00D0698 AD
Lamotte turbidimeter		4079-1103
QED micropurge		080915

Time	volume removed (liters)	Flow Rate (ml/min)	Depth To Water (ft)	Temp (celsius)	pH (STD)	SPC mS/cm	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity (ppt)	color
14:02	.1	125	8.14	16.06	5.92	4.594	0.95	-69.7	4	2.48	clear
14:12	1.25	125	8.16	19.56	6.89	4.692	0.49	-153.5	2	2.52	clear
14:22	1.25	125	8.15	17.37	6.89	4.334	0.23	-135.2	1	2.32	clear
14:32	1.25	125	8.14	17.06	6.88	4.259	0.18	-140.4	0	2.28	clear
14:42	1.25	125	8.14	16.78	6.95	4.233	0.16	-135.3	0	2.26	clear
14:47	.625	125	8.14	16.80	6.96	4.232	0.17	-136.0	0	2.26	clear
14:52	.6	125	8.14	16.82	6.97	4.231	0.16	-135.2	0	2.26	clear
Acceptance Criteria:			< 0.3 ft	3%	± 0.1	3%	10%	±10mv	10%		

2" screen volume = 0.163 gal/ft or 616 ml per foot

Sample Collection

Time	Sample ID	Container	# of Bottles	Preservative	Analyses
14:53	8-GW06S-02	40 ml vial	2	HCL	VOC
14:53	8-GW06S-02	250 ml poly	1	None	sulfate, nitrate
14:53	8-GW06S-02	500 ml poly	2	HNO3	metals, tot & dis (FF)
14:53	8-GW06S-02	1 L Amber	6	None	PAH, SIM, Pest, PCB

Comments

Suzanne Whitesides
Signature

6-29-05
Date

Environmental Chemical Corporation

Low Flow/Low Stress Groundwater Sampling Log

Project: Goss Cove
Location: New London, CT
Well ID: 8-GW-HNUS-23-02

Date: 6-28-05
Sampler: Suzanne W.
PID Reading: 0.0

Start Time: 14:57 End Time: 15:59
Well Construction: 2" PVC
Depth to water: 8.34
Well Depth: 9.87
Water Column: 1.53
Total Volume Removed (L) 9.1

Field Testing Equipment

Make	Model	Serial #
YSI	650 MDS	00M0550 AC
YSI	600 XLM	00D0698 AD
LaMotte turbidimeter		4038-1103
QED micropurge		08093

Time	volume removed (liters)	Flow Rate (ml/min)	Depth To Water (ft)	Temp (celsius)	pH (STD)	SPC mS/cm	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity (ppt)	color
14:58	.1	150	8.41	16.42	7.00	0.320	8.21	125.4	15	0.16	clear
15:08	1.5	150	8.72	14.02	5.72	0.385	2.20	363.1	16	0.19	clear
15:18	1.5	150	8.90	14.06	5.61	0.407	0.69	481.5	13	0.20	clear
15:28	1.4	140	8.93	14.08	5.60	0.408	0.53	504.9	12	0.20	clear
15:38	1.4	140	8.95	14.15	5.57	0.409	0.47	525.7	11	0.20	clear
15:48	1.4	140	8.96	14.08	5.56	0.411	0.44	543.0	9	0.20	clear
15:53	.7.9	140	8.96	14.14	5.57	0.410	0.40	548.5	9	0.20	clear
15:58	.7.9	140	8.96	14.08	5.58	0.411	0.44	549.8	8	0.20	clear
Acceptance Criteria:			< 0.3 ft	3%	± 0.1	3%	10%	±10mv	10%		

2" screen volume = 0.163 gal/ft or 616 ml per foot

Sample Collection

Time	Sample ID	Container	# of Bottles	Preservative	Analyses
15:59	8GWHNUS23:02	40ml vial	2	HCl	VOC
15:59	8GWHNUS23:02	250 ml poly	1	None	Sulfate, Nitrate
15:59	8GWHNUS23:02	500 ml poly	2	HNO_3	Metals, tot & dis
15:59	8GWHNUS23:02	1L Amber	6	None	PAH, PCB, Pest, SIM

Comments

Suzanne Whitesell
Signature

6-28-05
Date

Environmental Chemical Corporation

Low Flow/Low Stress Groundwater Sampling Log

Project: Goss Cove
Location: New London, CT
Well ID: 8-GW 08D

Date: 6-29-05
Sampler: Suzanne W.
PID Reading: 0.0

Start Time: 9:39 **End Time:** 10:48
Well Construction: 2" PVC
Depth to water: 17.12
Well Depth: 59.27
Water Column: 42.15
Total Volume Removed (L) 10.2

Field Testing Equipment

Make	Model	Serial #
YSI	650 MDS	00M0550 AC
YSI	6820 XLM	00D0698 AD
LaMotte	turbidimeter	4079-1103
QED	micropurge	08095

Time	volume removed (liters)	Flow Rate (ml/min)	Depth To Water (ft)	Temp (celsius)	pH (STD)	SPC mS/cm	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity (ppt)	color
9:47	1.2	150	17.29	18.72	6.59	0.322	8.94	312.9	15	0.15	clear
9:57	1.5	150	17.70	14.14	6.10	0.954	2.87	513.4	13	0.47	clear
10:07	1.5	150	17.54	14.49	6.16	0.417	6.23	538.1	7	0.20	clear
10:17	1.5	150	17.55	14.63	5.81	0.288	7.12	564.3	5	0.14	clear
10:27	1.5	150	17.56	14.61	5.73	0.273	7.21	572.7	3	0.13	clear
10:37	1.5	150	17.55	14.63	5.69	0.263	7.24	578.4	3	0.13	clear
10:42	.7	150	17.55	14.58	5.68	0.260	7.26	579.3	3	0.12	clear
10:47	.7	150	17.55	14.58	5.67	0.259	7.25	580.9	2	0.12	clear
Acceptance Criteria:			< 0.3 ft	3%	± 0.1	3%	10%	±10mv	10%		

2" screen volume = 0.163 gal/ft or 616 ml per foot

Sample Collection

Time	Sample ID	Container	# of Bottles	Preservative	Analyses
10:48	8GW08D-02	40 ml vial	2	HCL	VOC
10:48	8GW08D-02	250 ml poly	1	none	sulfate nitrate
10:48	8GW08D-02	500 ml poly	2	HNO3	metals tot&dis FF
10:48	8GW08D-02	1 L Amber	6	None	PCB, PAH, PEST, SIM
10:48	8GW08D02 MS/MSD	/ Same bottles as above			
0:00	8GW0062905				

Comments

Suzanne Whiteside
Signature

6-29-05
Date

Environmental Chemical Corporation

Low Flow/Low Stress Groundwater Sampling Log

Project: Goss Cove
Location: New London, CT
Well ID: 8-GW 105

Date: 6-28-05
Sampler: Sue, Fred
PID Reading: 0.0

Start Time: 16:56 **End Time:** 17:58
Well Construction: 2" PVC
Depth to water: 16.38
Well Depth: 21.25
Water Column: 4.87
Total Volume Removed (L) 10.6

Field Testing Equipment

Make	Model	Serial #
YSI	650 MDS	01A0854AD
YSI	6820	99F1380AA
LaMotte turbidimeter		4079.1103
geopump 2		US 357

Time	volume removed (liters)	Flow Rate (ml/min)	Depth To Water (ft)	Temp (celsius)	pH (STD)	SPC mS/cm	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity (ppt)	color
16:57	.2	220	16.38	15.81	7.47	0.336	5.74	-32.6	85	0.15	clear
17:07	1.75	175	16.38	15.83	6.01	0.186	7.72	169.4	13	0.09	clear
17:17	1.75	175	16.38	15.84	5.88	0.189	7.80	193.1	8	0.09	clear
17:27	1.75	175	16.38	15.78	5.82	0.189	7.82	213.4	3	0.09	clear
17:37	1.75	175	16.38	15.78	5.81	0.189	7.83	216.7	1	0.09	clear
17:47	1.75	175	16.38	15.76	5.81	0.189	7.82	219.2	1	0.09	clear
17:52	.8	175	16.38	15.75	5.81	0.189	7.82	220.4	0	0.09	clear
17:57	.8	175	16.38	15.74	5.80	0.189	7.82	222.3	0	0.09	clear
Acceptance Criteria:			< 0.3 ft	3%	± 0.1	3%	10%	±10mv	10%		

2" screen volume = 0.163 gal/ft or 616 ml per foot

Sample Collection

Time	Sample ID	Container	# of Bottles	Preservative	Analyses
17:58	8-GW105-02	40 ml vial	2	HCL	VOC
17:58	8-GW 105-02	250 ml poly	1	None	Sulfate, Nitrate
17:58	8-GW 105-02	500 ml poly	2	HNO_3	Metals tot & dis (FE)
17:58	8-GW 105-02	1 L Amber	6	None	PCB, PAH, Pest, SIM
0:00	8-GW062805 — DUPLICATE same as above				

Comments

Suzanne Whitesicle
Signature

6-28-05
Date

Environmental Chemical Corporation

Low Flow/Low Stress Groundwater Sampling Log

Project: Goss Cove
Location: New London, CT
Well ID: 08-GW-07S-02

Date: 6-28-05
Sampler: Suzanne
PID Reading: 0.0

Start Time: 12:26 **End Time:**
Well Construction: 2" PVC
Depth to water: 8.62
Well Depth: 10.02
Water Column: 1.4
Total Volume Removed (L) 8.8

Field Testing Equipment

Make	Model	Serial #
YSI	650 MDS	00M0550 AC
YSI	600 XLM	00D0698 AD
LaMotte turbidimeter		4038-1103
QED micropurge		08095

Time	volume removed (liters)	Flow Rate (ml/min)	Depth To Water (ft)	Temp (celsius)	pH (STD)	SPC mS/cm	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity (ppt)	color
12:27	.1	125	8.62	16.57	7.04	0.740	4.06	-4.9	20	0.41	clear
12:37	1.25	125	8.62	15.02	6.68	0.697	0.57	-83.9	25	0.34	clear
12:47	1.25	125	8.62	14.75	6.77	0.661	0.27	-112.8	13	0.32	clear
12:57	1.25	125	8.62	14.69	6.90	0.657	0.23	-124.4	12	0.32	clear
13:07	1.25	125	8.62	14.69	6.99	0.655	0.25	-138.8	11	0.32	clear
13:17	1.25	125	8.62	14.72	7.03	0.654	0.23	-140.8	10	0.32	clear
13:27	1.25	125	8.62	14.74	7.05	0.654	0.20	-141.3	9	0.32	clear
13:32	.625	125	8.62	14.80	7.06	0.654	0.20	-142.6	9	0.32	clear
13:37	.6	125	8.62	14.80	7.06	0.654	0.19	-144.8	9	0.32	clear
Acceptance Criteria:			< 0.3 ft	3%	± 0.1	3%	10%	±10mv	10%		

2" screen volume = 0.163 gal/ft or 616 ml per foot

Sample Collection

Time	Sample ID	Container	# of Bottles	Preservative	Analyses
13:38	8-GW07S-02	40 ml vial	2	HCL	VOC
13:38	8-GW07S-02	250 ml poly	1	None	sulfate, nitrate
13:38	8-GW07S-02	500 ml poly	2	HNO3	metals tot & dis (EP)
13:38	8-GW07S-02	1 L Amber	6	None	PAH, SIM, PCB, Pest

Comments

Suzanne Whiteside
Signature

6-28-05
Date

Environmental Chemical Corporation

Low Flow/Low Stress Groundwater Sampling Log

Project: Goss Cove
Location: New London, CT
Well ID: 8MW55

Date: 6/28/05
Sampler: Fred Santy
PID Reading: 0

Start Time: 0825 **End Time:**
Well Construction: 2" PVC
Depth to water: 12.85
Well Depth: 14.05
Water Column: 1.20
Total Volume Removed (L) 7.5 ~~5.95~~ FS

Field Testing Equipment

Make	Model	Serial #
YSI	600	99F1380AA
YSI	650	01A0854AD
Lamotte	Turbidimeter	4079-1103
Geotech	Geopump	357

Time	volume removed (liters)	Flow Rate (ml/min)	Depth To Water (ft)	Temp (celsius)	pH (STD)	SPC mS/cm	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity (ppt)	color
0830	0.5	100	12.96	18.18	7.03	6.716	4.56	55	31	15.11	Clear
0900	3.0	100	13.02	17.54	7.06	9.913	3.43	7.8	4	15.10	Clear
0915	1.5	100	13.11	17.31	7.06	9.961	3.22	-15	1	5.92	Clear
0930	1.5	100	13.19	17.25	7.06	9.281	3.24	-16	1	6.60	Clear
0935	0.5	100	13.21	17.25	7.06	9.281	3.24	-16	1	6.61	Clear
0940	0.5	100	13.22	17.24	7.06	9.285	3.26	-16	1	6.61	Clear
Acceptance Criteria:			< 0.3 ft	3%	± 0.1	3%	10%	±10mv	10%		

2" screen volume = 0.163 gal/ft or 616 ml per foot

Sample Collection

Time	Sample ID	Container	# of Bottles	Preservative	Analyses
0943	8-GW055-02	40 ml vial	2	HCL	VOC
↓	↓	250 ml poly	1	None	Sulfate, Nitrate
		500 ml poly	2	HNO3	Total metals / Dissolved Metals
		1L Amber	6	None	PAH, SIM, PCB, Pest

Comments

Signature

6/28/05
Date

Environmental Chemical Corporation

Low Flow/Low Stress Groundwater Sampling Log

Project: Goss Cove
Location: New London, CT
Well ID: 8MW3

Date: 6/28/05
Sampler: Fred Santos
PID Reading: 0

Start Time: 0940 **End Time:**
Well Construction: 2" PVC
Depth to water: 8.25
Well Depth: 14.20
Water Column: 5.95
Total Volume Removed (L) 6.0

Field Testing Equipment

Make	Model	Serial #
YSI	600	99F1380AA
YSI	650	01A0854AD
Lamotte	Turbidimeter	4079-1103
~~Geotech~~ FS MP10 Geopump FS	Controller	1613

Time	volume removed (liters)	Flow Rate (ml/min)	Depth To Water (ft)	Temp (celsius)	pH (STD)	SPC mS/cm	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity (ppt)	color
0940		100	8.26	17.17	7.20	1.837	1.17	-35	19	0.95	Clear
1000	2.0	100	8.30	14.88	8.64	1.680	0.18	-265	10	0.85	Clear
1015	1.5	100	8.30	15.05	8.67	1.662	0.17	-271	4	0.84	Clear
1025	1.0	100	8.30	14.83	8.69	1.617	0.14	-282	4	0.82	Clear
1030	0.5	100	8.30	14.84	8.70	1.614	0.14	-282	4	0.82	Clear
1035	0.5	100	8.30	14.84	8.70	1.614	0.14	-282	3	0.82	Clear
1040	0.5	100	8.30	14.83	8.70	1.614	0.13	-283	3	0.82	Clear
Acceptance Criteria:			< 0.3 ft	3%	± 0.1	3%	10%	±10mv	10%		

2" screen volume = 0.163 gal/ft or 616 ml per foot

Sample Collection

Time	Sample ID FS	Container	# of Bottles	Preservative	Analyses
1040	8-GW~~003~~-02	FS 40ml vial	2	HCL	VOC
↓	↓	250ml poly	1	None	Sulfate, Nitrate
		500ml poly	2	HNO_3	Total metals / Dissolved
		1L Amber	6	None	PAH, SIM, PCB, Pest
↓					

Comments

Signature

6/28/05
Date

Environmental Chemical Corporation

Low Flow/Low Stress Groundwater Sampling Log

Project: Goss Cove
Location: New London, CT
Well ID: 8-GW06D 6D 2W

Date: 6-30-05
Sampler: Suzanne
PID Reading: 0.0

Start Time: 10:12 **End Time:** 11:34
Well Construction: 2" PVC
Depth to water: 7.14
Well Depth: 65.35
Water Column: 58.21
Total Volume Removed (L) 14.7

Field Testing Equipment

Make	Model	Serial #
YSI	650 MDS	00M0550 AC
YSI	6820	99F1380 AD
LaMotte turbidimeter		4079.1103
QED micropurge		08095

Time	volume removed (liters)	Flow Rate (ml/min)	Depth To Water (ft)	Temp (celsius)	pH (STD)	SPC mS/cm	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity (ppt)	color
10:13	.2	200	7.31	18.08	7.28	28.37	4.06	206.1	0	17.65	clear
10:23	1.75	175	7.35	16.01	6.95	30.32	2.75	-98.4	3	19.02	clear
10:33	1.75	175	7.37	16.03	6.95	32.78	2.50	-109.6	1	20.61	clear
10:43	1.75	175	7.39	15.96	6.95	33.68	2.35	-115.6	1	21.17	clear
10:53	1.75	175	7.41	16.01	6.96	33.96	1.85	-119.2	1	21.41	clear
11:03	1.75	175	7.42	15.95	6.96	34.15	1.65	-121.1	1	21.47	clear
11:13	1.75	175	7.47	15.93	6.96	34.26	1.61	-122.3	1	21.56	clear
11:23	1.75	175	7.50	15.89	6.97	34.28	1.43	-122.5	1	21.55	clear
11:28	.8	175	7.51	15.88	6.97	34.19	1.40	-122.5	1	21.52	clear
11:33	.8	175	7.52	15.90	6.97	34.20	1.39	-122.5	1	21.54	clear
Acceptance Criteria:			< 0.3 ft	3%	± 0.1	3%	10%	±10mv	10%		

2" screen volume = 0.163 gal/ft or 616 ml per foot

Sample Collection

Time	Sample ID	Container	# of Bottles	Preservative	Analyses
11:34	8 GW06D.02	40 ml vial	2	HCL	VOC
11:34	8-GW06D.02	250 ml poly	1	None	sulfate, nitrate
11:34	8-GW06D.02	500 ml poly	2	HNO3	Metals, tot & dis (FF)
11:34	8-GW06D.02	1L Amber	6	None	PAH, PCB, SIM, Pest

Comments

Suzanne Whitesides
Signature

6-30-05
Date

APPENDIX E

Chain of Custody Records, Data Validation Memos, and Laboratory Analytical Results

GOSS COVE

MASTER DATA VALIDATION MEMORANDUM

JUNE 2005 SAMPLING ROUND 14

TO: ENGINEERING FIELD ACTIVITY NORTHEAST

FROM: JACKSON KIKER, ECC SENIOR CHEMIST, MARLBOROUGH, MA

SUBJECT: NEW LONDON NSB – IRP O&M MONITORING - SAMPLING ROUND 14

DATE: AUGUST 26, 2005

Project data were validated using the following O&M Manual and Validation Functional Guideline, as modified for non-CLP methods.

1. Region I, EPA-NE Data Validation Functional Guidelines for Evaluation of Environmental Analyses (Dec, 1996).

2. Operations and Maintenance Manual for Installation Restoration Program at Naval Submarine Base New London (Nov, 2002).

The validation guideline exceedences are assessed and documented on the method specific data validation worksheets. On the ECC modified USEPA Region I data validation worksheets, the data quality acceptance criteria are presented, analytes requiring qualification based on laboratory historical control limits and/or validation guidance criteria exceedences are listed, assigned qualifiers, qualifying rationale is documented, and any potential bias noted. The overall evaluation of the data generated is presented in the data validation worksheet.

As an exception to the USEPA Region I data validation guidance, non-target ketone VOC data with response factors (RFs) less than the 0.05 were not qualified, as the Tier guidance allows for exceptions to the RF guidance.

Presented in this Master Data Validation Memorandum are the data validation reports for the Sample Data Groups (SDGs) presented in Table I. Data validation reports are presented for each SDG. The USEPA Region I Organic Regional Data Assessment (ORDA) sheet displays the summarized results of the data validation assessment for all analytical methods reported in the SDG.

Acronym and abbreviations used in the data validation reports are presented in Table II.

Standard EPA Region I data qualifiers are used to denote the assessment of data quality. Ancillary qualifiers are noted on the data validation worksheets. Data qualifiers are defined in Table III. The final and ranking assigned data qualifier for an analyte is presented in Table IV- Data Summary Table.

SAMPLE DATA GROUPS

The VOC, SVOC, PAH, metals (totals/dissolved), pesticide, and PCB data were validated according to USEPA Region I Tier II criteria. All QC parameters applicable to the method and Tier II criteria were validated and documented in the data worksheets.

Laboratory: The samples were analyzed by Alpha Laboratory of Westborough, MA.
Sample Matrix: Groundwater. Tripblank matrix: Deionized water.

The project's analytical samples were grouped in the SDGs and analyzed for the parameters listed in Table 1.

Table I Sample Data Groups

Field Sample Name	Lab Sample Name	VOCs 8260B	SVOCs 8270C	PAHs 8270C -SIM	Metals (total) 6010B 7470A	Metals (dissolved) 6010B/ 7470	Pesticide 8081	PCB 8082	Water Quality Parameters
8-GW10S-02	L0507237-01	X	X	X	X	X	X	X	X
8-GW01-02	L0507237-02	X	X	X	X	X	X	X	X
8-GW02D-02	L0507237-03	X	X	X	X	X	X	X	X
8-GW02S-02	L0507237-04	X	X	X	X	X	X	X	X
8-GW062805	L0507237-05	X	X	X	X	X	X	X	X
8-GWHNUS23-02	L0507237-06	X	X	X	X	X	X	X	X
8-GW07S-02	L0507237-07	X	X	X	X	X	X	X	X
8-GW5S-02	L0507237-08	X	X	X	X	X	X	X	X
8-GW08D-02	L0507237-09	X	X	X	X	X	X	X	X
8-GW062905	L0507237-10	X	X	X	X	X	X	X	X
8-GW06S-02	L0507237-11	X	X	X	X	X	X	X	X
8-GW03-02	L0507237-12	X	X	X	X	X	X	X	X
8-TB01-02	L0507237-13	X	-	-	-	-	-	-	-
8-GW06D-02	L0507274-01	X	X	X	X	X	X	X	X
8-TB02-02	L0507274-02	X	-	-	-	-	-	-	-

ACRONYMS AND ABBREVIATIONS

Following is a list of acronyms and abbreviations that may be used in the data validation reports.

Table II Acronyms and Abbreviations

Acronym / Abbreviation	Definition
%D	Percent difference
%R	Percent recovery
Ug/L	Microgram per liter
BEHP/2-BEHP	2-bis(ethylhexyl)phthalate
BFB	Bromofluorobenzene
CCB	Continuing calibration Blank
CCC	Continuing Check Compound
CCV	Continuing Calibration Verification
COC	Chain of custody
COPC	Contaminants of potential concern
CRI	standard at RL for ICP
CVAA	Cold vapor atomic absorption
DCB	Decachlorobiphenly
DFTPP	Decafluorotriphenylphosphine
DQO	Data quality objective
EB	Equipment blank
EPA	Environmental Protection Agency
FD	Field duplicate
GC	Gas Chromatography
GC/MS	Gas chromatography/mass spectrometry
HT	Holding time
ICAL	Initial calibration
ICS-A/AB	Interelement check standard A or AB
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standards
LCL	Lower control limit
LCS	Laboratory control sample
MDL	Method detection limit
MeCl	Methylene chloride
MS	Matrix spike
MSD	Matrix spike duplicate

Acronym / Abbreviation	Definition
MPC	Measurement performance criteria
NA	Not applicable
NC	Not calculated.
PAH	Polycyclic aromatic hydrocarbon
PCB	Polychlorinated biphenyls
PQL	Practical quantitation limit
QAPP	Quality Assurance Project Plan
QC	Quality control
RF	Response Factor
RPD	Relative percent difference
RRF	Relative response factor
RSD	Relative standard deviation
RT	Retention time
SDG	Sample Delivery Group
SOP	Standard Operation Procedure
SVOC	Semi-volatile organic compound
SPCC	System performance check compound
SQL	Sample Quantitation Limit
TB	Tripblank
TMX	Tetrachloro-m-xylene
TCX	Tetrachloro-m-xylene
TIC	Tentatively identified compound
UCL	Upper control limit
VOC	Volatile organic compound

DATA QUALIFIER REFERENCE TABLE

Data validation reports will summarize the samples reviewed, elements reviewed, any nonconformances with the established criteria, validation actions (including data qualifiers). Data qualifiers will be consistent with EPA Region I – New England guidelines and will consist of the following qualifiers listed in Table III:

Table III Data Qualifiers

USEPA Region I – Data Qualifier	USEPA Region I – Qualifier Definition
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample
UJ	The analyte was not detected above the sample reporting limit; and the reporting limit is approximate
U	The sample was analyzed for, but was not detected above the sample reporting limit.
R	The sample result is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified

DATA VALIDATION MEMORANDUM
O&M MONITORING SITES – NEW LONDON NSB GOSS COVE
JUNE 2005 SAMPLING ROUND 14 (SDG 0507237 ALPHA LAB)

TO: ENGINEERING FIELD ACTIVITY NORTHEAST

FROM: JACKSON KIKER, ECC SENIOR CHEMIST, MARLBOROUGH, MA.

SUBJECT: NEW LONDON NSB – IRP O&M MONITORING SITES - SAMPLING ROUND-14, JUNE '05

DATE: 25 AUGUST 2005

Project data were validated using the following Validation Functional Guideline, as modified for non-CLP methods.

1. Region I, EPA-NE Data Validation Functional Guidelines for Evaluation of Environmental Analyses (Dec, 1996).

2. Operations and Maintenance Manual for Installation Restoration Program at Naval Submarine Base New London (Nov, 2002).

The validation guideline exceedences are assessed and documented on the method specific data validation worksheet. On the data validation worksheet, the data quality acceptance criteria are presented, analytes requiring qualification based on laboratory historical control limits and/or validation guidance criteria exceedences are listed, assigned qualifiers, qualifying rationale is documented, and any potential bias noted. The overall evaluation of the data generated is presented in the data validation worksheet.

Standard EPA Region I data qualifiers are used to denote the assessment of data quality. The final and ranking assigned data qualifier for an analyte is presented in the data summary table. Ancillary qualifiers are noted on the data validation worksheets.

As an exception to the USEPA Region I data validation guidance, non-target ketone VOC data with response factors (RFs) less than the 0.05 were not qualified, as the Tier guidance allows for exceptions to the RF guidance.

The USEPA Region I Organic Regional Data Assessment (ORDA) sheet displays the summarized results of the data validation assessment for all analytical methods reported in the SDG.

Region I, EPA-NE ORGANIC REGIONAL DATA ASSESSMENT

LAB NAME: Alpha Lab
SDG #: L0507237
EPA-NE DV TIER LEVEL: II
SITE NAME: New London NSB O&M – Goss Cove

# of SAMPLES/MATRIX: 10-groundwater, 2-FD & 1-TB (VOC)
VALIDATION CONTRACTOR: ECC
VALIDATOR'S NAME: Guruprasad Ranganathan
DV Completion Date: August 31, 2005.
Date Sampled June 28 & 29, 2005

ANALYTICAL DATA QUALITY SUMMARY

		VOC	SVOC	PAH	Pesticide	PCB	Metals
1	Preservation and HT	O	O	O	O	O	O
2	Instrument Performance Check	O	O	O	O	-	O
3	Initial Calibration:	O	O	M	O	O	O
4	Continuing Calibration:	M	M	M	O	O	O
5	Blanks:	M	O	O	O	O	M
6	Surrogate Compounds:	O	O	O	O	O	-
7	Internal Standards	O	O	O	O	O	-
8	Matrix Spike/Matrix Spike Duplicate:	O	M	O	M	O	O
9	Sensitivity Check:	O	O	O	O	O	O
10	PE Samples- Accuracy Check	M	M	O	M	O	O
11	Target Compound Identification:	O	O	O	O	O	O
12	Compound Quantitation and Reported QLs	O	O	O	O	O	O
13	Tentatively Identified Compounds:	-	-	-	-	-	-
14	Semivolatile/Pesticide/PCB Cleanup:	-	-	-	-	-	-
15	Data Completeness	O	O	O	O	O	O
16	Overall Evaluation of Data:	O	O	O	O	O	O

O = Data had no problems or were qualified due to minor contractual problems; M = Data were qualified due to major/systemic MPC exceedences: Z = Data were rejected as unusable due to major contractual problems.

ACTION ITEMS: (Z items): no action items.

AREAS OF CONCERN: (M items):

VOC: Benzene detections in samples 04, 07, 11 & 12 were qualified J due to low LCS recoveries. Due to high %D in CCV's, dichlorodifluoromethane result in sample 09, acetone, 2-butanone & 2-hexanone results in samples 05, 10, 13 and initial analysis of sample 01, bromomethane, acetone, Mecl, carbondisulfide, trans-1,2-dichloroethene, 1,1-dichloroethane, 2-butanone, bromochloromethane, benzene and 2-hexanone results in samples 02, 03, 04, 06, 07, 08, 11 & 12 were qualified J for detects and UJ for non-detects. Chloroform results in samples 05, 09, 10 & 13 were qualified U due to method blank contamination.

SVOC: High LCS recoveries for 2, 4-dinitrotoluene and 2, 6-dinitrotoluene but no sample detections of these compounds. Low recovery for 2, 4-dimethylphenol. Results for the compound qualified J for detects and UJ for non-detects. MS/MSD recoveries outside MPC limits for 2, 4-dinitrotoluene and 2, 6-dinitrotoluene (high for both) and 2,4-dimethylphenol (low). High CCV %D for 2,6-dinitrotoluene.

PAH: Results for 2-chloronaphthalene, anthracene, pyrene, benzo(k)fluoranthene and benzo(a)pyrene were qualified J for detects and UJ for non-detects due to high ICV %D's. Acenaphthylene and fluoranthene results were qualified J for detects and UJ for non-detects due to high CCV %D's.

Pesticide: LCS recoveries outside MPC limits for endosulfan I – all results qualified UJ for the compound. MS/MSD recoveries outside MPC limits for endosulfan I – result for the compound qualified UJ in the native sample 09.

PCB: None.

Metals: Several results were qualified due to prep blank/ICB/CCB contamination – please see attached Data Summary Table or Data Review Worksheets for the list of all the results that were thus qualified.

ECC Region I Data Review Worksheet (rv 2) **VOCs 8260B**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual (2002)**

Data Validation Level	Matrix	Preservation	Temp Sample Receipt	Laboratory	SDG Number
Tier II	Aqueous	HCl	8-coolers 1.7, 2.1, 3.6, 3.0, 5.8, 4.5, 1.5 & 1.4 °C	Alpha Laboratory Westborough, MA	L0507237

Field Identification and Laboratory Number of Samples Evaluated:

Field ID	Lab Sample Number
8-GW10S-02	L0507237-01
8-GW01-02	L0507237-02
8-GW02D-02	L0507237-03
8-GW02S-02	L0507237-04
8-GW062805	L0507237-05 (field duplicate for sample 01)
8-GWHNUS23-02	L0507237-06
8-GW07S-02	L0507237-07
8-GW5S-02	L0507237-08
8-GW08D-02	L0507237-09
8-GW062905	L0507237-10 (field duplicate for sample 09)
8-GW06S-02	L0507237-11
8-GW03-02	L0507237-12
8-TB01-02	L0507237-13

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED/Rationale	Inventory	QUAL	BIAS
COC, Sample Delivery Group Form.	1)Unbroken custody (accept or if broken R) 2) Temp≤6° (Soil-J detects, R -nondetects preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound)	Cooler temperatures < 6 °C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody. No samples qualified.	X	-	
Holding Time	1) 14 Days to analysis, if preserved 2) J –detects, UJ or R –nondetects (function of time) 3) *transcription errors	Sample Dates: June 28 & 29, 2005. Analyzed on: July 1 & 5, 2005. All samples analyzed within holding times – no sample qualifications.	X	-	
% Solids Check (SOLIDS)	30%<Solids: if no sample weight adjustment made. 1) <10% R entire sample 2) 10%.> and <30%; J-detects, NDs -R	Not applicable (NA)	X	-	
Trip Blanks	1) < 5x (<10x common) contaminants for aq samples- 2) TGT analytes <Lab QL (contact lab) -for soils indicate TB (X rules apply to raw data) 4) MeCl & Acetone < 5 5) >RL report sample level U 6) <RL report PQL as U	Trip blank – sample 13 – detected with chloroform at 0.16 ppb. But the result was qualified U due to method blank contamination.	X	-	
Equip Blank	1) < 5x (<10x common) contaminants for aq samples- 2) TGT analytes <Lab QL (contact lab) -for soils indicate TB (X rules don't apply) 3) MeCl & Acetone < 5 *Check IS area (10% of them)	Not collected/analyzed with this SDG - dedicated equipment.	-	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED/Rationale	Inven-tory	QUAL	BIAS
	* recalculate surrogate (%R – 10 % of them)				
Results > Cal Range or <Cal Range	1) >Upper Cal Range J-detects - ensure instrument blank performed 2) <PQL but >MDL – J –detects (estimated) listed on data summary sheet.	Results <PQL but >MDL were qualified as estimated (J). Please see attached data summary tables for all such results.	X	Results < MRL but > MDL qualified J.	
*TICs (if reported)	1) *verify library search for samples and blanks 2) verify TICs were not misreported compounds (different fraction or miss in search) 3) All TICs – J estimated 4) * verify blanks do not contain TIC peaks 5) * check TIC assignment spectra to STD spectra 6) *review blank and Samples for common lab contaminants	None Reported/not evaluated	-	-	
Surrogates	1,2-Dichloroethane-d4 70-120% Toluene-d8 75%-120% 4-BFB 75%-120% *check raw data for surrogated (recalculate 10% of them). *Transcription errors Qualification: >UCL J –detects, %R<10% J –detects, R –NDs, %R >10% but <70% J-detects, UJ NDs	All surrogate recoveries within MPC limits. No samples qualified	X	-	
Lab Blanks (method blanks)	1) < 5x (<10x common) contaminants for aq samples- 3) TGT analytes <Lab QL 4) MeCl & Acetone, 2-butanone, 4M-2Pentaone, and 2-hexanone < 5 (25 ml purge) 5) if linear range is exceeded, verify if a instrument blank was performed 6) *verify accurate transcription of times, Ids, are reported on forms 7) *verify from the raw data if the instrument blank was performed in the same vessel 8) *verify IS, RRT, and surrogate %R *check 10% of raw chromotgrams for false +/-, check for transcription errors	3 method blank samples were analyzed. All 3 were detected with chloroform – lowest level of detection in the method blanks was 0.16 µg/L. Chloroform detections in samples 05, 09, 10 – all 50X dilution samples and detection in trip blank sample 13, were qualified U. 1,1-dichloropropene was also detected at 0.67µg/L in the method blank sample applicable to samples 05, 09, 10 & 13, but the compound was not detected in these 4 samples – so no qualifications for 1,1-dichloropropene results.	X	Chloroform results in samples 05, 09, 10 & 13 were qualified U.	
LCS Recovery	1) benzene 79-119%, toluene 75-123%, chlorobenzene 81-123%, 1,1 DCE 69-126%, TCE 79-118%. 2) 10% and <LCL% J detec ts, UJ –Nods 3) >UCL% J detects <10% R NDs, J-detects 7) *Recalculate the concentrations for one compound in the LCS 8) * Recalculate the %R (within 10% of lab) Note: Tier guidance as a zero blind	LCS recovery for benzene was high in one of the 3 LCS runs performed – applicable to samples 02, 03, 04, 06, 07, 08, 11 & 12. Benzene detections in samples 04, 07, 11 & 12 were qualified J.	X	Benzene detections in samples 04, 07, 11 & 12 were qualified J.	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED/Rationale	Inven-tory	QUAL	BIAS
MS/MSD Recovery	1) benzene 80-120%, toluene 75-120%, chlorobenzene 80-120%, 1,1 DCE 70-130%, TCE 70-125%. 2) 80-120% (if MS > 4X native levels) Qualification of MS sample: <10% J detects, R NDs >10% and <LCL% J detects, UJ -NDs >UCL% J detects 3) *Recalculate the concentrations for one compound in the MS/MSD * Recalculate the %R (within 10% of lab)	Native sample - sample 09. MS/MSD recoveries outside MPC limits for tetrachloroethene but the spikes were < 4X native sample levels for the compound. MS/MSD recoveries within MPC limits for all other compounds. No sample qualifications.	X	-	
MS/MSD RPD	RPD ≤30% (aq) J –detects in MS sample UJ-non detects * recalculate RPD	Native sample - sample 09. RPD's within MPC limits for all compounds. Laboratory precision was acceptable for all VOC's of concern. No samples qualified.	X	-	
Field Dup RPD	1) RPD ≤ 30%, <40% gaseous VOCs water; ≤ 50 soil for Results > PQL (FD pair only) J-detects (both > PQL) 2) If one >PQL, other ND, J-detections, UJ non-detect 3) Other conditions use judgement 4) Determine RPD for detects only. *Recalculate the concentrations for one compound and the PQL	Two field duplicate pairs – 01-05 and 09-10 analyzed with this SDG. Field duplicate RPD's outside MPC limits for ethyl benzene in the 01-05 pair and for 1,1-dichloropropene in the 09-10 pair both having detections in the field samples and non-detects in the field duplicates. Ethyl benzene results qualified J in sample 01 and UJ in sample 05. 1,1-dichloropropene results qualified J in sample 09 and UJ in sample 10.	X	Ethyl benzene results qualified J in sample 01 and UJ in sample 05. 1,1-dichloropropene results qualified J in sample 09 and UJ in sample 10.	
*MDL Study	1) *In accordance with 40CFR – seven replicates %RSD < 20% 2) * IS and retention times within method requirements 5) * performed annually 6) *MDL is at least ½ of PQL 7) *tgt and surrogate 80-120% R *VOA/SV-X11 (recalcuate %RSD and %R for three compounds (10% of them).	NA	-	-	
Internal Stds	1) IS are –50% to 200% of last Ical, or CCV 3) RRT<0.06 (30 sec) 4) IS>100% J-detects 5) IS<20%CCV NDs – R 6) IS>20%CCV <50%CCV NDs – UJ 7) *check for IS transcription errors	All IS %R and RT's were within method limits. No samples qualified.	X	-	
Sensitivity	1) MDL study – 7 replicates (40 CFR) 2) Surrogates %in control limits. 3) %R <10 ND- (R) , J- detects 4) 10%> but <LCL% , judgement 5) %R>UCL% J-detects 4) QC, IS, RRT meet criteria, 5) %RSD < 20% 6) MDL< MQL (3x less ideal) 7) Lab fortitied blank (see VOA/SV Part II – section X). 8) *Check and recalculate %RSDs and %R for three compounds (with 10% of lab) <u>Dilution factors for samples – impacts to sensitivity</u>	The following samples required dilutions to bring some of the results into quantitation range: Sample 12 – 2X Sample 01 – 2.5X Samples 05, 09 & 10 – 50X Sample 01 (PCE only) – 100X. PCE result in initial analysis of sample 01 qualified ZZZ and discarded. Acceptable sensitivities for all results – MQL > 3xMDL for most of the compounds. Lab RL's > QL's in select samples but were well within the monitoring criteria for all compounds.	X	-	

ECC Region I Data Review Worksheet (rv 2) **VOCs 8260B**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual (2002)**

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED/Rationale	Inven-tory	QUAL	BIAS
*Compound Quantitation (completed as part of other steps)	1) Check sensitivy (MDL< 1/3 PQL) 2) *Recalculate one detection and quantitation limit 3) *verify concentrations have been adjusted to account for DW, DF, 4) *verifiy correct IS and RRF were used	NA	-	-	
*System Performance	1)* evaluate PES, MS//MSD, cal STDs, MDS study, and surrogates for systemic bias – high or low and access system accuracy 9) *Matrix effects- MS/MSD, surrogated, PDS. 10) *System chromatography- evaluate RRTs, peaks shapes, system impacts on data, baseline shifts. 11) *overall system contamination-review all blanks for systemic or sporadic contamination	NA	-	-	
*TGT Compound Identification	1) *Within 0.06 (30 sec) of CCV RRT 2) * compare sample Mass spectra to standard spectra; a) all ions in std spectra (with 10% rel intensity) presnent in sample spectra. B) sample ion abundance within 20% of standard spectra. 3) *chromatogram: all peaks greater than 10% of nearest IS identified.	NA	-	-	
Single Blind PE	1) Qualify associated samples in PES batch PES = ND, Detects J – ND PE analytes in samples, NDs – R 12) PES > acceptance criteria – Detects in samples J, 13) PES<acceptance criteria – Detects J, NDs –R 14) VOA/SV-XI14 other criteria 15) *% of PES sample above and below criteria *Recalculate concentrations for one tgt compound per PES (10% of lab)	NA	-	-	
Tune check	1) ion abundance with method limits 2) *check for co-elution /proper background subtratction 3) *compare reported data to raw data	All tunes passed method criteria. No samples qualified.	X	-	
Initial Cal Multipoint (instrument evaluation)	1) correct calibration stds 2) within 12 hours of the tune check 3) CCCs %RSD: <30% (1,1 DCA, chloroform, 1,2dichloropropane, Toluene, EB, VC (J –detects, R or UJ NDs all samples associated with Ical) 4) SPCCs Average RRF: SPCCs Chloromethane >0.10, 1,1 DCA>0.10, bromoform >0.10, chlorobenzene>0.3, 1122TCA>0.3 (J –detects, R NDs) 5) RRF>0.05 all compounds 6) RRT < 0.06 units (all stds within 30 sec) 7) *RRF exclusions: surrogates, acetone, MeCL, chloroethane/methane, CS, 1,2 DCA, 2-butanone, 1,2 dichloropropane, 2-hexanone (IV-8).*/ 8) *verify that instrument parameters met	Instrument: Elaine Date: June 21, 2005 at 11:51 (end time). RRF>0.05 for all compounds.	X	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED/Rationale	Inven-tory	QUAL	BIAS
	method and that Ical and analysis used the same parameters 9) *recalculate RRF one tgt compound associated with each IS. Recalculated values within 10% of lab values. 10) *recalculate one tgt compound associated with each IS. Recalculated values within 10% 11) *option-review preparation logs to ensure cal stds are traceable to NIST stds. 12) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package)				
Initial Cal (Linearity)	%RSD < 15% use average RF for calibration %RSD> 15% use least squares COD (r2) > 0.990 or correlation coefficient r> 0.995 or alternatively mean %RSD <15% for all target analytes, with no analyte %RSD>30% or %RSD<30% each target analyte Qualification for compounds with %RSD>30% (see VOA/SVIII-5)	Instrument: Elaine Date: June 21, 2005 at 11:51 (end time). %RSD < 15 or COD > 0.99 for all compounds. Calibration was linear for all compounds of concern. No sample qualifications.	X	-	
2nd Source ICV	%D <25%. %R (between ICV and Ical) analytes 80%--120% (+ or -) once per 5 pt cal Qualification: J detects, R or UJ NDs	Instrument: Elaine Date: June 21, 2005 at 15:14 (inj. time). All %D's within MPC limits – no sample qualifications.	X	-	
CCV	1) SPCCs Average RRF: SPCCs Chloromethane >0.10, 1,1 DCA>0.10, bromoform >0.10, chlorobenzene>0.3, 1122TCA>0.3 2) RRF all compounds > 0.05 *3)* CCC: (1,1 DCA, chloroform, 1,2dichloropropane, Toluene, EB, VC) %D<20% (or all analytes if no CCCs reported). *4)* Lab method limits for non SPCC/CCC's. *5)* *RRF exclusions: surrogates, acetone, MeCL, chloroethane/methane, CS, 1,2 DCA, 2-butanone, 1,2 dichloropropane, 2-hexanone (IV-8)./* 6) Qualification-J detects, R or UJ NDs 7) *verify same instrument and parameters 8) *Recalculate RRF for one tgt cmpd associated with each IS. (within 10%) 9) *Recalculate %D for one tgt cmpd associated with each IS (within 10%) 10) *IS RRT<0.06 units (30 sec) 11) * IS area -50 % to 100 % of last ICAL 12) *option-review preparation logs to ensure cal stds are traceable to NIST stds. 13) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package)	Instrument Elaine – 3 CCV runs on July 1 & 5, 2005. July 1 at 0928 hrs – applicable to sample 09 – had %D outside MPC limits for dichlorodifluoromethane. Result for the compound in sample 09 qualified UJ. July 1 at 1451 hrs – applicable to samples 05, 10, 13 and initial 2.5X analysis of sample 01. %D outside MPC limits for acetone, 2-butanone and 2-hexanone. Results for the compounds in the applicable samples – all non-detects – were qualified UJ. July 5 at 0856 hrs – applicable to all the other samples. %D outside MPC limits for bromomethane, acetone, Mecl, carbondisulfide, trans-1,2-dichloroethene, 1,1-dichloroethane, 2-butanone, bromochloromethane, benzene and 2-hexanone. Results for the above compounds in the applicable samples were qualified J for detects and UJ for non-detects.	X	Dichlorodifluoromethane result in sample 09 and acetone, 2-butanone & 2-hexanone results in samples 05, 10, 13 and initial analysis of sample 01 were qualified UJ. Bromomethane, acetone, Mecl, carbondisulfide, trans-1,2-dichloroethene, 1,1-dichloroethane, 2-butanone, bromochloromethane, benzene and 2-hexanone results in	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED/Rationale	Inven-tory	QUAL	BIAS
				samples02, 03, 04, 06, 07, 08, 11 & 12 were qualified J for detects and UJ for non-detects.	
Overall Evaluation of Data	1) Appropriate method 2) Evaluate any analytical problems 3) Evaluate sampling errors – field contamination, sample hold times	Laboratory precision and accuracy acceptable. Sample results usable for project decisions, as qualified. All surrogate recoveries within MPC limits. Benzene detections in samples 04, 07, 11 & 12 were qualified J due to low LCS recoveries. No qualifications due to MS/MSD recoveries – all recovery exceedances were in cases where spikes were < 4X native levels. All MS/MSD RPD's within MPC limits. Calibration: ICAL linear for all compounds. ICV's - ICal confirmed. CCV: Due to high %D, dichlorodifluoromethane result in sample 09, acetone, 2-butanone & 2-hexanone results in samples 05, 10, 13 and initial analysis of sample 01, bromomethane, acetone, Mecl, carbondisulfide, trans-1,2-dichloroethene, 1,1-dichloroethane, 2-butanone, bromochloromethane, benzene and 2-hexanone results in samples 02, 03, 04, 06, 07, 08, 11 & 12 were qualified J for detects and UJ for non-detects. No qualifications due to trip blank detection of chloroform - it was qualified U due to method blank contamination. Chloroform results in samples 05, 09, 10 & 13 were qualified U due to method blank contamination. All results > MDL but < RDL were qualified J – please see attached Data Summary Table for all such results. Sampling precision: Two field duplicate pairs were analyzed, 01-05 and 09-10. Field duplicate RPD's outside MPC limits for ethyl benzene in the 01-05 pair and for 1,1-dichloropropene in the 09-10 pair	X	-	

* Tier III review items only.

Completeness Check: Inventory Check Sheet_____X__. Sample Quantitation Calculations (TIER III only):

ECC Region I Data Review Worksheet (rv 2) **SVOCs 8270C**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual (2002)**

Data Validation Level	Matrix	Preservation	Temperature Sample Receipt	Laboratory	SDG Number
Tier II	Aqueous	-	8-coolers 1.7, 2.1, 3.6, 3.0, 5.8, 4.5, 1.5 & 1.4 °C	Alpha Laboratory Westborough , MA	L0507237

Field Identification of Samples Evaluated:

Field ID	Lab Sample Number
8-GW10S-02	L0507237-01
8-GW01-02	L0507237-02
8-GW02D-02	L0507237-03
8-GW02S-02	L0507237-04
8-GW062805	L0507237-05 (field duplicate for sample 01)
8-GWHNUS23-02	L0507237-06
8-GW07S-02	L0507237-07
8-GW5S-02	L0507237-08
8-GW08D-02	L0507237-09
8-GW062905	L0507237-10 (field duplicate for sample 09)
8-GW06S-02	L0507237-11
8-GW03-02	L0507237-12

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inve n-tory	QUAL	BIA S
COC, Sample Delivery Group Form.	1)Unbroken custody (accept or if broken R) 2) Temp≤6° (Soil-J detects, R -nondetects 3) preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound)	Cooler temperatures < 6 °C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody. No samples qualified.	X	-	
Holding Time	1) 7 Days aqueous – 14 days soil (extract 40 days) 2) J –detects, UJ or R –nondetects (function of time)	Sample Date: June 28 & 29, 2005. Extraction Date: June 30, 2005. Analyzed on: July 7, 2005. All samples were analyzed within holding times – no sample qualifications.	X	-	
% Solids Check (SOLIDS)	30%<Solids: if no sample weight adjustment made (no USACE) 1) <10% R entire sample 2) 10%.> and <30%; J-detects, NDs -R	Not applicable	-	-	
Results > Cal Range or <Cal Range	1) >Upper Cal Range J-detects - ensure instrument blank performed 2) <PQL but >MDL – J –detects (estimated)	Data reported between the MDL and the MRL or exceeding upper calibration range were qualified as estimated (J). Please see attached data summary table for all such results.	X	Results > MDL but < MRL qualified J.	

ECC Region I Data Review Worksheet (rv 2) **SVOCs 8270C**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual (2002)**

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inve n-tory	QUAL	BIAS
TIC's (if reported)	1) *verify library search for samples and blanks 2) verify TICs were not misreported compounds (different fraction or miss in search) 3) All TICs – J estimated 4) * verify blanks do not contain TIC peaks 5) * check TIC assignment spectra to STD spectra 6) *review blank and Samples for common lab contaminants	None Reported	X	-	
Internal Stds	1) IS are –50% to 200% of CCV 1) RRT<0.06 (30 sec) 2) IS>100% J-detects 3) IS<20%CCV NDs – R 4) IS>20%CCV <50%CCV NDs – UJ 5) *check for IS transcription errors	Internal standards were within MPC limits. No samples qualified.	X	-	
Equip Blank	< 5x (<10x common) contaminants for aq samples – for soil indicate EB (X rules don't apply)	Dedicated equipment – hence not collected/analyzed with this SDG	-	-	
Surrogates	Within historical laboratory limits Qualification: >UCL J –detects, %R<10% J –detects, R –NDs, %R >10% but <LCL% J-detects, UJ NDs	Surrogate recoveries within MPC limits for all samples. No sample qualifications.	X	-	
Lab Blanks (method blanks)	1) < 5x (<10x common) contaminants – U 2) analytes <lab PQL (contract lab) no phthalates >5X QL (QAPP)	Method blank was non-detect for all SVOC's of concern. No samples qualified.	X	-	
LCS Recovery	1) Within historical laboratory limits listed in (QAPP) 10% and <LCL% J detects, UJ –NDs >UCL% J detects <10% R NDs, J-detects	High LCS recoveries for 2, 4-dinitrotoluene and 2, 6-dinitrotoluene but no sample detections of these compounds. Low recovery for 2, 4-dimethylphenol. Results for the compound qualified J for detects and UJ for non-detects.	X	2, 4-dimethylphenol results qualified J for detects and UJ for non-detects.	
MS/MSD Recovery	1) Within historical laboratory limits (QAPP) (if MS > 4X native levels) Qualification of MS sample: <10% J detects, R NDs >10% and <70% J detects, UJ -NDs >130% J detects	Native sample – sample 09. Recoveries similar to LCS. 2, 4-dimethylphenol result qualified UJ in native sample 09.	X	2, 4-dimethylphenol result qualified UJ in sample 09.	
Cleanup Performance Check (if performed)	%R< 10% NDs-R detections J %R>10% <LCL (80%GPC) –detections J, NDs UJ %R>UCL (120%) – detections J Retention Time shift <5%, symmetrical peakshape. GPC check with interferants. Good surrogate recovery, GPC blank check – no carryover.(VOA/SV-IX-I6). Sulfur and High MW compounds removed. Symmetrical peaks for all compounds	NA	-	-	
MS/MSD RPD	RPD ≤30% aq, <50% (S) J –detects in MS sample UJ-non detects	Native sample – sample 09. All MS/MSD RPD's within MPC limits for all compounds.	X	-	
Tune Check	Tune check within method parameters for DFTPP	The raw data sheets were used for validation. All tunes were within limits.	X	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inve n-tory	QUAL	BIA S
DDT degradation Instrument performance check	1) Breakdown <20% DDT 2) benzidine and pentachlorophenol at normal response - no peak trailing (<3.0 benz. , <5.0 penta.) Detections – J	Degradation checks performed with associated tune checks were all within limits.	X	-	
Field Dup RPD	1) RPD ≤ 100% water; ≤ 100% soil for Results > PQL (FD pair only) J-detects (both > PQL) 2) If one > PQL, other ND, J-detections, UJ non-detect Other conditions use judgement	Two field duplicate sample pairs analyzed with this SDG – 01-05 and 09-10. All results were non-detects in both pairs. Acceptable sampling precision. No sample qualifications.	X	-	
Initial Cal (Linearity)	Correct calibration stds %RSD < 15% use average RF for calibration %RSD> 15% use least squares COD (r2) > 0.990 or correlation coefficient r> 0.995 or alternatively mean %RSD <15% for all target analytes, with no analyte %RSD>30% or %RSD<30% each target analyte 1) CCCs %RSD: < 30% (acenaphthene, 1,4 dichlorobenzene, hexachlorobutadiene, dipheynlamin, di-n-octyl phthalate, fluoranthene, benzo(a)pyrene, 4-chloro-3-methylphenol, 2,4, dichlorophenol, 2-nitrophenol, phenol, pentachlorophenol, 2,4,6 trichlorophenol) 2) SPCCs Average RRF: SPCCs n-nitroso-di-n-propylamine, hexachlorcyclopentdiene, 2,4 dinitrophenol, 4-nitrophenol J –detects, R or UJ NDs all samples associated with Ical) 3) SPCCs Average RRF > 0.05: SPCCs n-nitroso-di-n-propylamine, hexachlorcyclopentdiene, 2,4 dinitrophenol, 4-nitrophenol. (J –detects, R NDs) 4) RRF>0.05 all target compounds RRT < 0.06 units (all stds within 30 sec) 5) *verify that instrument parameters met method and that Ical and analysis used the same parameters 6) *recalculate RRF one tgt compound associated with each IS. Recalculated values within 10% of lab values. 7) *recalculate one tgt compound associated with each IS. Recalculated values within 10% 8) *option-review preparation logs to ensure cal stds are traceable to NIST stds. 9) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package)	Instrument: Buffy Date: July 07, 2005, 1:05 (end time). RRF>0.05 all SVOC's. RSD < 15% criteria used for linearity of SVOC Ical. Acceptable linearity. No samples qualified based on ICAL.	X	-	
2nd Source ICV	%R (between ICV and Ical) analytes 80%--120% (USACE) %D ≤ 25%, (+ or -) once per 5 pt cal Qualification: J detects, R or UJ ND's	Instrument: Buffy Date: July 07, 2005 at 1:35 (inj. time). %D's within MPC limits for all SVOC's of concern.	X	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inve n-tory	QUAL	BIAS
CCV	1) SPCCs Average RRF: SPCCs n-nitroso-di-n-propylamine, hexachlorcyclopentdiene, 2,4 dinitrophenol, 4-nitrophenol. 2) RRF all compounds > 0.05 3) CCC: (acenatphthene, 1,4 dichlorobenzene, hexachlorobutadiene, dipheynlamin, di-n-octyl phthalate, fluoranthene, benzo(a)pyrene, 4-chloro-3-methylphenol, 2,4, dichlorophenol, 2-nitrophenol, phenol, pentachlorophenol, 2,4,6 trichlorophenol) 4) %D<20%. CCCs (QAPP -except surrogates). 5) Qualification-J detects, R or UJ Nods 6) %D<25% all compounds (Tier I). 7) RRF exclusions: surrogates, 8) *verify same instrument and parameters 9) *Recalculate RRF for one tgt cmpd associated with each IS. (within 10%) 10) *Recalculate %D for one tgt cmpd associated with each IS (within 10%) 11) *IS RRT<0.06 units (30 sec) 12) * IS area -50 % to 100 % of last ICAL 13) *option-review preparation logs to ensure cal stds are traceable to NIST stds. 14) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package)	Instrument: Buffy Date: July 07, 2005. %D's outside MPC limits for 2,6-dinitrotoluene. Results for the compound - all non-detects – were qualified UJ.	X	2,6-dinitrotoluene results qualified UJ.	
Compound Quantitation	1) Check sensitivity (MDL< 1/3 PQL or per QAPP)	For target SVOC's the MDL< 1/3 PQL. Analytical sensitivity was adequate. No dilution required. Reporting limits were below the monitoring criteria for all compounds.	X	-	
Overall Evaluation of Data	1) Appropriate method 2) Evaluate any analytical problems 3) Evaluate sampling errors – field contamination, sample hold times	The laboratory accuracy and precision were acceptable. Results usable for making project decisions, as qualified. Method blank; non-detect for all SVOC's of concern. LCS recoveries: High LCS recoveries for 2, 4-dinitrotoluene and 2, 6-dinitrotoluene but no sample detections of these compounds. Low recovery for 2, 4-dimethylphenol. Results for the compound qualified J for detects and UJ for non-detects. Surrogate recoveries within MPC limits for all samples. MS/MSD recoveries outside MPC limits for 2, 4-dinitrotoluene and 2, 6-dinitrotoluene (high for both) and 2,4-dimethylphenol (low). ICAL; linear. ICV: within limits for all SVOC's of concern. CCV: within MPC limits except for 2, 6-dinitrotoluene. Sampling error – 2 field duplicate pair was analyzed with this SDG all results for both pairs were non-detects. Similar results for	X	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inve n-tory	QUAL	BIA S
		the samples in the sample-field duplicate pairs. Overall precision is acceptable.			

*Tier III criteria.

Completeness Check: Inventory Check Sheet_____X__ Sample Quantitation Calculations (TIER III ONLY):

Lab Correspondence: None.

ECC Region I Data Review Worksheet (rv 2) **PAH 8270C - SIM**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual(2002)**

Data Validation Level	Matrix	Preservation	Temperature Sample Receipt	Laboratory	SDG Number
Tier II	Aqueous	-	8-coolers 1.7, 2.1, 3.6, 3.0, 5.8, 4.5, 1.5 & 1.4 °C	Alpha Laboratory Westborough, MA	L0507237

Field Identification of Samples Evaluated:

Field ID	Lab Sample Number
8-GW10S-02	L0507237-01
8-GW01-02	L0507237-02
8-GW02D-02	L0507237-03
8-GW02S-02	L0507237-04
8-GW062805	L0507237-05 (field duplicate for sample 01)
8-GWHNUS23-02	L0507237-06
8-GW07S-02	L0507237-07
8-GW5S-02	L0507237-08
8-GW08D-02	L0507237-09
8-GW062905	L0507237-10 (field duplicate for sample 09)
8-GW06S-02	L0507237-11
8-GW03-02	L0507237-12

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED	Inven-tory	QUAL	BIAS
COC, Sample Delivery Group Form.	1)Unbroken custody (accept or if broken R) 2) Temp≤6° (Soil-J detects, R -nondetects preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound)	Cooler temperatures < 6 °C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody. No samples qualified.	X	-	
Holding Time	1) 7 Days water, 40 to analysis 2) J –detects, UJ or R –nondetects (function of time)	Sample Date: June 28 & 29, 2005. Extraction Date: June 30, 2005. Analyzed on: July 6 & 7, 2005. All samples were analyzed within holding times – no sample qualifications.	X	-	
% Solids Check (SOLIDS)	30%<Solids: if no sample weight adjustment made (no USACE) 1) <10% R entire sample 2) 10%.> and <30%; J-detects, NDs -R	Not applicable	-	-	
Results > Cal Range or <Cal Range	1) >Upper Cal Range J-detects - ensure instrument blank performed 2) <PQL but >MDL – J –detects (estimated)	Results < MRL but > MDL were qualified as estimated (J). Please see attached data summary table for all such results. No results exceeding upper calibration range.	X	Results < MRL but > MDL are qualified J.	
Equip Blank	< 5x (<10x common) contaminants for aq samples – for soil indicate EB (X rules don't apply)	Not applicable. Equipment blank not collected/analyzed with this SDG as all the equipment used were dedicated.	-	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED	Inven-tory	QUAL	BIAS
Surrogates	1) Surrogate acceptance limits Nitrobenzene-d5, 2-Fluorobiphenyl & p-Terphenly-d14 within historical lab limits. Qualification: >UCL J –detects, %R<10% J –detects, R –NDs, %R >10% but <60% J-detects, UJ NDs	All surrogate recoveries within MPC limits for all samples. No samples qualified.	X	-	
Lab Blanks (method blanks)	1) < 5x (<10x common) contaminants – U analytes <lab PQL (contract lab)	Method blank was non-detect for all PAH's of concern. No samples qualified.	X	-	
LCS Recovery	1) QAPP limits 10% and <LCL% J detects, UJ -NDs >UCL% J detects <10% R NDs, J-detects	LCS %R's within MPC limits. No samples qualified	X	-	
MS/MSD Recovery	1) QAPP limits (if MS > 4X native levels) Qualification of MS sample: <10% J detects, R NDs >10% and <70% J detects, UJ -NDs >130% J detects	Native sample – sample 09. All MS/MSD recoveries within MPC limits. No sample qualifications.	X	-	
MS/MSD RPD	RPD ≤30% solid, 30%. J –detects in MS sample UJ-non detects	Native sample – sample 09. All MS/MSD RPD's within MPC limits for all compounds of concern. No sample qualifications.	X	-	
Cleanup Performance Check (if performed)	%R< 10% NDs-R detections J %R>10% <LCL (80%GPC) –detections J, NDs UJ %R>UCL (120%) – detections J Retention Time shift <5%, symmetrical peakshape. GPC check with interferants.	NA	-	-	
Retention times	Within 3X standard deviation for each analyte from 72-hour study Exceeds: R qualify data	Retention times within limits.	X	-	
Field Dup RPD	1) RPD ≤ 100% water & soil for Results > X PQL (FD pair only) J-detects (both > X PQL) 2) If one >X PQL, other ND, J-detections, UJ non-detect Other conditions use judgement	Two field duplicate sample pairs analyzed with this SDG – 01-05 and 09-10. All results were non-detects in the 09-10 pair. Phenanthrene was the only detection in the 01-05 pair – RPD within MPC limits. Acceptable sampling precision – no sample qualifications.	X	-	
Initial Cal (Linearity)	Correct calibration stds %RSD < 15% use average RF for calibration %RSD> 15% use least squares COD (r2) > 0.990 or correlation coefficient r> 0.995 or alternatively mean %RSD <20% for all target analytes, with no analyte %RSD>40% Resolution check mix –valley 60% hgt of shortest peak (CLP criteria only) Performance check mix - >90% (PEM) (CLP criteria only) SW-846 PEM –endirn/DDT breakdown evaluation. Blank and Performance Evaluation Mix (PEM) at start, and blank and midpoint Individual Standard Mix A (ISMA) and ISMB at end or samples(CLP only)	Date: April 29 7, 2005 at 00:13 (end time). Instrument – Mindy. %RSD < 15% or COD > 0.99. ICAL linear. No samples qualified RRF>0.05	X	-	
2nd Source ICV	%R (between ICV and Ical) analytes %D ≤ 15%, (+ or -) once per 5 pt cal Qualification: J detects, R or UJ NDs	Date: April 29, 2005 at 00:59 (inj. time). Instrument – Mindy. ICV %D's outside MPC limits for 2-	X	2-chloronaphthalene, anthracene,	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED	Inven-tory	QUAL	BIAS
		chloronaphthalene, anthracene, pyrene, benzo(k)fluoranthene and benzo(a)pyrene. Results for these compounds were qualified J for detects and UJ for non-detects.		pyrene, benzo(k)fluoranthene and benzo(a)pyrene results were qualified J for detects and UJ for non-detects.	
CCV	1) 15% of initial calib. Curve (85%-115%) If low re-calibrate per method. If high no recalibration needed. J qualify data. 2) 15% D Qualification-J detects, R or UJ NDs	Date: July 6 & 7, 2005. Instrument – Mindy. All CCV %D's within MPC limits except acenaphthylene and fluoranthene. Results for these compounds were qualified J for detects and UJ for non-detects.	X	Acenaphthylene and fluoranthene results qualified J fro detects and UJ for non-detects.	
Tune Check	Tune check within method parameters for DFTPP	Ical tune check within limits. And CCV tune check within limits. Raw data was used to check the tunes. No samples qualified. Degradation checks associated with sample analysis and ICAL tune checks with limits.	X	-	
Internal Stds	1) IS are –50% to 200% of CCV 1) RRT<0.06 (30 sec) 2) IS>100% J-detects 3) IS<20%CCV NDs – R 4) IS>20%CCV <50%CCV NDs – UJ 5) *check for IS transcription errors	Internal standards were within MPC limits. No samples qualified.	X	-	
Sensitivity	1) MDL study – 7 replicates (40 CFR) 2) Surrogates %R 80-120%, 2) %R <10 ND- (R) , J- detects 3) 10%> but <80% , judgement 4) %R>120% J-detects 5) QC, RRT meet criteria, 6) %RSD < 20% 7) MDL< MQL (3x less ideal) 8) Lab fortified blank (see VOA/SV Part II –section X). *Check and recalculate %RSDs and %R for three compounds (with 10% of lab)	Reporting limits were less than the primary monitoring criteria for all compounds. Acceptable sensitivity for all compounds.	X	-	
Compound Quantitation	1) Check sensitivy (MDL< 1/3 PQL or per QAPP	RDL> Project Reporting Limit for all compounds except benzo(a)pyrene, pyrene, fluoranthene and phenanthrene but well below the groundwater criterion for all compounds. All MDL's < PRL. No samples qualified.	X	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED	Inven-tory	QUAL	BIAS
Overall Evaluation of Data	1) Appropriate method 2) Evaluate any analytical problems 3) Evaluate sampling errors – field contamination, sample hold times	The laboratory accuracy and precision were acceptable. No apparent sample bias. Data usable for project decisions, as qualified. All results below MRL but above MDL qualified as estimated (J). All surrogate, LCS, MS/MSD recoveries and MS/MSD RPD's within MPC limits. ICAL was linear. ICV: ICV %D's outside MPC limits for 2-chloronaphthalene, anthracene, pyrene, benzo(k)fluoranthene and benzo(a)pyrene. Results for these compounds were qualified J for detects and UJ for non-detects. CCV; All CCV %D's within MPC limits except acenaphthylene and fluoranthene. Results for these compounds were qualified J for detects and UJ for non-detects. Method blank; non-detect for all SVOC's of concern. Sampling error – two field duplicate pairs were analyzed with this SDG – 01-05 and 09-10. All results were non-detects in the 09-10 pair. Phenanthrene, the only detected compound in the 01-05 pair – had FD RPD within MPC limits. Acceptable sampling precision.	X	-	

(*Tier III criteria)

Completeness Check: Inventory Check Sheet_____X__ Sample Quantitation Calculations (TIER III ONLY):

Lab Correspondence: None.

ECC Region I Data Review Worksheet (rv 2)
Project: New London Goss Cove ECC Job No. 5700

Pesticide 8081A
Review Criteria: Region I Tier II Guidance & OM Manual (2002)

Data Validation Level	Matrix	Preservation	Temperature Sample Receipt	Laboratory	SDG Number
Tier II	Aqueous	-	8-coolers 1.7, 2.1, 3.6, 3.0, 5.8, 4.5, 1.5 & 1.4 °C	Alpha Laboratory Westboroug h, MA	L0507237

Field Identification of Samples Evaluated:

Field ID	Lab Sample Number
8-GW10S-02	L0507237-01
8-GW01-02	L0507237-02
8-GW02D-02	L0507237-03
8-GW02S-02	L0507237-04
8-GW062805	L0507237-05 (field duplicate for sample 01)
8-GWHNUS23-02	L0507237-06
8-GW07S-02	L0507237-07
8-GW5S-02	L0507237-08
8-GW08D-02	L0507237-09
8-GW062905	L0507237-10 (field duplicate for sample 09)
8-GW06S-02	L0507237-11
8-GW03-02	L0507237-12

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
COC, Sample Delivery Group Form.	1)Unbroken custody (accept or if broken R) 2) Temp≤6° (Soil-J detects, R -nondetects preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound)	Cooler temperatures < 6 °C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody. No samples qualified.	X	-	
Holding Time	1) 7 to extract, 40 Days to analysis 2) J –detects, UJ or R –nondetects (function of time) 3) *check transcription errors	Sample Date: June 28 & 29, 2005. Extraction Date: June 30, 2005. Analyzed on: July 6, 2005. All samples were analyzed within holding times – no sample qualifications.	X	-	
Results > Cal Range or <Cal Range	1) >Upper Cal Range J-detects - ensure instrument blank performed 2) <PQL but >MDL – J –detects (estimated)	Results < MRL but > MDL were qualified as estimated (J). Please see attached data summary table for all such results. No results exceeding upper calibration range.	X	Results < MRL but > MDL are qualified J.	
Internal Stds	1) IS are –50% to 200% of CCV 1) RRT<0.06 (30 sec) 2) IS>100% J-detects 3) IS<20%CCV NDs – R 4) IS>20%CCV <50%CCV NDs – UJ 5) *check for IS transcription errors	Internal standards were within MPC limits. No samples qualified.	X	-	
Compound Quantitation	1) Check sensitivy (MDL< 1/3 PQL or per QAPP 2) %D <25% primary and secondary column identification and quantitation 3) *Recalculate one detection and quantitation limit	Detected results for 4,4-DDE in sample 04 and hexachlorobenzene in sample 06. %D<25% between columns with detection criteria met. No samples qualified.	X	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
	4) *verify concentrations have been adjusted to account for DW, DF, 5) *verify correct RRFs were used				
% Solids Check (SOLIDS)	30%<Solids: if no sample weight adjustment made (no USACE) 1) <10% R entire sample 2) 10%.> and <30%; J-detects, NDs -R	Not applicable	-	-	
Lab Blanks (method blanks)	1) < 5x contaminants – U 2) analytes <lab PQL (contract lab) 3) if linear range is exceeded, verify if a instrument blank was performed 4) *verify accurate transcription of times, Ids, are reported on forms 5) *verify from the raw data if the instrument blank was performed in the same vessel 6) *verify, RRT, and surrogate %R 7) *check 10% of raw chromatograms for false +/-, check for transcription errors recalculate surrogate recovery (10% of them)	No COC's detected in the MB. No samples qualified.	X	-	
Equip Blank	< 5x (<10x common) contaminants for aq samples – for soil indicate EB (X rules don't apply)	Not applicable. Not collected/analyzed with this SDG as all the equipment were dedicated.	-	-	
Surrogates	Surrogate acceptance limits DCB&TCX – Lab limits. Qualification: >UCL J –detects, %R<10% J –detects, R –NDs, %R >10% but <60% J-detects, UJ NDs	All surrogate recoveries for all samples within MPC limits. No samples qualified.	X	-	
LCS Recovery	1) arochlors 1016/1260 2) QAPP limits 10% and <LCL% J detects, UJ -NDs >UCL% J detects <10% R NDs, J-detects 4) *Recalculate the concentrations for one compound in the LCS 5) * Recalculate the %R (within 10% of lab) Note: Tier guidance as a zero blind	LCS %R's outside MPC limits for endosulfan I. Sample results for the compound – all non-detects - were qualified UJ.	X	Endosulfan I results qualified UJ.	
MS/MSD Recovery	1) Lab limits –(30-150%); (if MS > 4X native levels) Qualification of MS sample: <10% J detects, R NDs >10% and <70% J detects, UJ -NDs >UCL - J detects 6) *Recalculate the concentration for one compound in the MS/MSD * Recalculate the %R (within 10% of lab)	Native sample ID – sample 09. All MS/MSD recoveries within MPC limits except for endosulfan I. Result for the compound qualified UJ in the native sample 09.	X	Endosulfan I result in sample 09 qualified UJ.	
MS/MSD RPD	RPD ≤30%, 40% for concentrated extracts J – detects in MS sample UJ-non detects, *recalculate one RPD	Native sample ID – sample 09. All RPD's <30%. No samples qualified.	X	-	
Field Dup RPD	RPD ≤ 100% water & 50% soil for 1) Results > PQL (FD pair only) J-detects (both > PQL) 2) If one > PQL, other ND, J-detections, UJ non-detect 3) Other conditions use judgement *Recalculate the concentrations for one compound and the PQL	Two field duplicate sample pairs analyzed with this SDG – 01-05 and 09-10. All results were non-detects in both pairs. Acceptable sampling and overall precision.	X	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
*MDL Study	6) *In accordance with 40CFR – seven replicates %RSD < 20% 7) * retention times within method requirements 4) * performed annually 5) *MDL is at least ½ of PQL or QAPP limits 6) *tgt and surrogate 80-120% R *check and recalculate %RSD and %R for one arochlor for 10% of them (criteria within 10% of lab)	NA	-	-	
Sensitivity	1) MDL study – 7 replicates (40 CFR) 2) Surrogates %R 80-120%, 3) %R <10 ND- (R) , J- detects 4) 10%> but <80% , judgement 5) %R>120% J-detects 6) QC, RRT meet criteria, 7) %RSD < 20% 8) MDL< MQL (3x less ideal) 9) Lab fortitied blank (see VOA/SV Part II – section X). *Check and recalculate %RSDs and %R for three compounds (with 10% of lab)	Lab RL's were below groundwater criteria for all compounds of concern except for dieldrin and heptachlor, but the MDL's were well below the criteria for the compound. For heptachlor, the RL's were the same as the monitoring criteria. Sensitivity acceptable, as this was the best available technology.	X	-	
*System Performance	1)* evaluate PES, MS//MSD, cal STDs, MDS study, and surrogates for systemic bias – high or low and access system accuracy 3) *Matrix effects- MS/MSD, surrogated, PDS. 4) *System chromatography- evaluate RRTs, peaks shapes, system impacts on data, baseline shifts. 5) *overall system contamination-review all blanks for systemic or sporadic contamination	NA	-	-	
*TGT Compound Identification	1) *Within 0.06 (30 sec) of CCV RRT 2) * calculate %RPD 1 and 2 columns	RPD's between two columns for detections within limits. No samples qualified.	-	-	
Single Blind PE	1) Qualify associated samples in PES batch PES = ND, Detects J – ND PE analytes in samples, NDs – R 6) PES > acceptance criteria – Detects in samples J, 7) PES<acceptance criteria – Detects J, NDs –R 8) VOA/SV-XI14 other criteria 9) *% of PES sample above and below criteria *Recalculate concentrations for one tgt compound per PES (10% of lab)	NA	-	-	
Degradation Check	<20% DDT breakdown.	Breakdown within limits. No samples qualified.	X	-	
Initial Cal Multipoint (instrument evaluation)	1) correct calibration stds 2) *recalculate one tgt compound associated. Recalculated values within 10% 3) *option-review preparation logs to ensure cal stds are traceable to NIST stds. 4) *option-recalculate cal std concentration	Instrument Id: Pest6 Date: July 6, 2005 at 00:54 (end time). Acceptable calibration standards.	X	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
	of one std. Must agree within 10% of lab (option if information is in data package)				
Initial Cal (Linearity)	%RSD < 20% use average RF for calibration %RSD> 20% use least squares COD (r2) > 0.990 or correlation coefficient r> 0.995 or alternatively mean %RSD <20 for all target analytes, with no analyte %RSD>30% or %RSD<30% each target analyte	Instrument Id: Pest6 Date: July 6, 2005 at 00:54 (end time). Internal Standard Calibration; Calibration linear. %RSD criteria met for all compounds of concern in both columns. No samples qualified.	X	-	
2nd Source ICV	%R (between ICV and Ical) analytes 80%--120% (USACE) %D ≤ 15%, (+ or -) once per 5 pt cal Qualification: J detects, R or UJ NDs *Calculate %D ICV/ICAL	Instrument Id: Pest6 Date: July 6, 2005 at 01:51 (inj. time). All %D's within MPC limits for both columns – no samples qualified.	X	-	
CCV	1) 15% of initial calib. curve 2) Qualification-J detects, R or UJ NDs 3) *verify same instrument and parameters 4) *Recalculate RRF for one tgt cmpd (within 10%) 5) *Recalculate %D for one tgt cmpd (within 10%) 6) *option-review preparation logs to ensure cal stds are traceable to NIST stds. 7) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package)	Instrument Id: Pest6 Date: 3 runs on July 6, 2005. %D's within MPC limits for all the compounds in both columns during all 3 runs – no sample qualifications.	X	-	
Overall Evaluation of Data	1) Appropriate method 2) Evaluate any analytical problems 3) Evaluate sampling errors – field contamination, sample hold times	Sample results usable for making project decisions, as qualified. Surrogate recoveries & MS/MSD RPD's within MPC limits. LCS recoveries outside MPC limits for endosulfan I – all results qualified UJ for the compound. MS/MSD recoveries outside MPC limits for endosulfan I – result for the compound qualified UJ in the native sample 09. Method blank was non-detect for all pesticides of concern. ICAL: within MPC limits. ICV: within MPC limits. CCV: within MPC limits. Sampling error – two field duplicate pairs were analyzed with this SDG. All results in these sample pairs were non-detects. Acceptable sampling precision.	X	-	

(*asterisk sections Tier III only) Completeness Check: Inventory Check Sheet__X
Sample Quantitation Calculations on attached sheet (TIER III ONLY):

ECC Region I Data Review Worksheet (rv 2)
Project: New London Goss Cove ECC Job No. 5700

PCB 8082
Review Criteria: Region I Tier II Guidance & OM Manual(2002)

Data Validation Level	Matrix	Preservation	Temperature Sample Receipt	Laboratory	SDG Number
Tier II	**Aqueous**	**-**	**8-coolers 1.7, 2.1, 3.6, 3,0, 5.8, 4.5, 1.5 & 1.4 °C**	**Alpha Laboratory Westborough, MA**	**L0507237**

Field Identification of Samples Evaluated:

Field ID	Lab Sample Number
8-GW10S-02	L0507237-01
8-GW01-02	L0507237-02
8-GW02D-02	L0507237-03
8-GW02S-02	L0507237-04
8-GW062805	L0507237-05 (field duplicate for sample 01)
8-GWHNUS23-02	L0507237-06
8-GW07S-02	L0507237-07
8-GW5S-02	L0507237-08
8-GW08D-02	L0507237-09
8-GW062905	L0507237-10 (field duplicate for sample 09)
8-GW06S-02	L0507237-11
8-GW03-02	L0507237-12

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
COC, Sample Delivery Group Form.	1)Unbroken custody (accept or if broken R) 2) Temp≤6° (Soil-J detects, R -nondetects preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound)	Cooler temperatures < 6 °C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody. No samples qualified.	X	-	
Holding Time	1) 7 to extract, 40 Days to analysis 2) J –detects, UJ or R –nondetects (function of time) 3) *check transcription errors	Sample Dates: June 28 & 29, 2005. Extraction Date: June 30, 2005. Analysis Date: July 6, 2005. All samples were analyzed within holding times – no sample qualifications.	X	-	
Lab Duplicate	1) RPD < 20% 1) If both values > PQL 2) Qualify samples in batch: detects J, NDs UJ	Not analyzed, as MS/MSD were analyzed to determine lab precision.	-	-	
Results > Cal Range or <Cal Range	1) >Upper Cal Range J-detects - ensure instrument blank performed 2) <PQL but >MDL – J –detects (estimated)	All results were non-detects. No detected results outside calibration range.	X	-	
Sensitivity	1) MDL study – 7 replicates (40 CFR) 2) Surrogates %R 80-120%, 1) %R <10 ND- (R) , J- detects 2) 10%> but <80% , judgement 3) %R>120% J-detects 4) QC, RRT meet criteria, 5) %RSD < 20% 6) MDL< MQL (3x less ideal) 7) Lab fortified blank (see VOA/SV Part II – section X). *Check and recalculate %RSDs and %R for three compounds (with 10% of lab)	The MRLs were greater than the Project Reporting Limits and groundwater criteria for Aroclor 1248, 1254 & 1260. For aroclor 1260, the MDL's were below the groundwater criteria but for the aroclors 1254 and 1248, MDL's exceeded the criteria. No criteria for other aroclors. No action taken other than notation.	X	-	

ECC Region I Data Review Worksheet (rv 2) **PCB 8082**
New London ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual**

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
Compound Quantitation	1) Check sensitivy (MDL< 1/3 PQL or per QAPP 2) %D <25% primary and secondary column identification and quantitation 3) *Recalculate one detection and quantitation limit 4) *verify concentrations have been adjusted to account for DW, DF, 5) *verify correct RRFs were used	All aroclors non-detect on both columns. No samples qualified.	X	-	
% Solids Check (SOLIDS)	30%<Solids: if no sample weight adjustment made (no USACE) 1) <10% R entire sample 2) 10%.> and <30%; J-detects, NDs -R	Not applicable	X	-	
Lab Blanks (method blanks)	1) < 5x contaminants – U 2) analytes <lab PQL (contract lab) 3) if linear range is exceeded, verify if a instrument blank was performed 4) *verify accurate transcription of times, Ids, are reported on forms 5) *verify from the raw data if the instrument blank was performed in the same vessel 6) *verify, RRT, and surrogate %R 7) *check 10% of raw chromatograms for false +/-, check for transcription errors recalculate surrogate recovery (10% of them)	No COC's detected in the method blank. No samples qualified.	X	-	
Equip Blank	< 5x (<10x common) contaminants for aq samples for soil indicate EB (X rules don't apply)	Not applicable. Equipment blank not analyzed/collected with this SDG as all the equipment used were dedicated.	-		
Surrogates	Surrogate acceptance limits DCB –Navy limits. 40% -135% DCB (aq) TCX 40-135% Qualification: >UCL J –detects, %R<10% J –detects, R –NDs, %R >10% but <60% J-detects, UJ NDs	Surrogate %R's were within MPC limits for all samples. No samples qualified.	X	-	
Internal Standards	Meet method criteria.	All internal standards were within limits. No samples qualified.	X	-	
LCS Recovery	8) arochlors 1016/1260 9) QAPP limits 10% and <LCL% J detects, UJ -NDs >UCL% J detects <10% R NDs, J-detects 4) *Recalculate the concentrations for one compound in the LCS 5) * Recalculate the %R (within 10% of lab) Note: Tier guidance as a zero blind	LCS %R's with MPC limits. No samples qualified.	X	-	
MS/MSD Recovery	1) Lab limits- 30-150%; (if MS > 4X native levels) Qualification of MS sample: <10% J detects, R NDs >10% and <LCL% J detects, UJ -NDs >UCL - J detects 6) *Recalculate the concentration for one compound in the MS/MSD * Recalculate the %R (within 10% of lab)	Native sample ID – sample 09. MS/MSD %R within MPC limits. No samples qualified.	X	-	

ECC Region I Data Review Worksheet (rv 2) **PCB 8082**
New London ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual**

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
*MS/MSD/un spiked sample RSD	1)For unspiked compounds if reported, Non- MS spike compounds <50% RSD calculated from MS/MSD/Unspiked Qualification: >50% RSD J-detects 2)*recalculate the RPD (within 10% of lab)	NA	-	-	
MS/MSD RPD	RPD ≤30%, 40% for concentrated extracts J – detects in MS sample UJ-non detects *recalculate one RPD	Native sample ID – sample 09. MS/MSD RPD within MPC limits. Laboratory precision was acceptable.	X	-	
Field Dup RPD	RPD ≤ 100% water & 50% soil for 1) Results > PQL (FD pair only) J-detects (both > PQL) 2) If one > PQL, other ND, J-detections, UJ non-detect 3) Other conditions use judgement 7) *Recalculate the concentrations for one compound and the PQL	Two field duplicate sample pairs analyzed with this SDG – 01-05 and 09-10. All results were non-detects in both pairs. Acceptable sampling and overall precision.	-	-	
*MDL Study	1) *In accordance with 40CFR – seven replicates %RSD < 20% 2) * retention times within method requirements 4) * performed annually 5) *MDL is at least ½ of PQL or QAPP limits 6) *tgt and surrogate 80-120% R *check and recalculate %RSD and %R for one arochlor for 10% of them (criteria within 10% of lab)	NA	-	-	
*System Performance	1)* evaluate PES, MS//MSD, cal STDs, MDS study, and surrogates for systemic bias – high or low and access system accuracy 3) *Matrix effects- MS/MSD, surrogated, PDS. 4) *System chromatography- evaluate RRTs, peaks shapes, system impacts on data, baseline shifts. 5) *overall system contamination-review all blanks for systemic or sporadic contamination	NA	-	-	
*TGT Compound Identification	1) *Within 0.06 (30 sec) of CCV RRT 2) * calculate %RPD 1 and 2 columns	NA	-	-	
Single Blind PE	1) Qualify associated samples in PES batch PES = ND, Detects J – ND PE analytes in samples, NDs – R 6) PES > acceptance criteria – Detects in samples J, 7) PES<acceptance criteria – Detects J, NDs –R 8) VOA/SV-XI14 other criteria 9) *% of PES sample above and below criteria *Recalculate concentrations for one tgt compound per PES (10% of lab)	NA	-	-	

ECC Region I Data Review Worksheet (rv 2) **PCB 8082**
New London ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual**

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
Initial Cal Multipoint (instrument evaluation)	1) correct calibration stds 2) *recalculate one tgt compound associated. Recalculated values within 10% 3) *option-review preparation logs to ensure cal stds are traceable to NIST stds. 4) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package)	Instrument Id: Pest8 Calibration Date: March 16, 2005 at 10:47 (end time). Acceptable calibration standards. No samples qualified.	X	-	
Initial Cal (Linearity)	%RSD < 20% use average RF for calibration %RSD> 20% use least squares COD (r2) > 0.990 or correlation coefficient r> 0.995 or alternatively mean %RSD <20 for all target analytes, with no analyte %RSD>30% or %RSD<30% each target analyte	Instrument Id: Pest8 Calibration Date: March 16, 2005 (end date). Instrument calibrations for both columns were linear for all PCBs. All %RSD's within MPC limits. No samples qualified.	X	-	
2nd Source ICV	%R (between ICV and Ical) analytes 80%--120% (USACE) %D ≤ 15%, (+ or -) once per 5 pt cal Qualification: J detects, R or UJ NDs *Calculate %D ICV/ICAL	Instrument Id: Pest8 Calibration Date: March 16, 2005 at 11:15 (inj. time). %D<15% in both columns. ICV acceptable. No samples qualified.	X	-	
CCV	1) QAPP: 15% of initial calib. curve 2) Qualification-J detects, R or UJ NDs 3) *verify same instrument and parameters 4) *Recalculate RRF for one tgt cmpd (within 10%) 5) *Recalculate %D for one tgt cmpd (within 10%) 6) *option-review preparation logs to ensure cal stds are traceable to NIST stds. 7) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package)	Instrument Id: Pest8 CCV Date: July 5, 2005. All average %D's within MPC limits in atleast one of the two columns. No sample qualifications.	X	-	
Overall Evaluation of Data	1) Appropriate method 2) Evaluate any analytical problems 3) Evaluate sampling errors – field contamination, sample hold times	Laboratory accuracy is acceptable Laboratory precision is acceptable. All surrogate, LCS and MS/MSD recoveries within MPC limits. MS/MSD RPD's within MPC limits. The sample results can be used for making project decisions. No apparent sample bias. ICAL: Linear. ICV: within MPC limits CCV: %D's within MPC limits in atleast one of the two columns. Method blank non-detect for all PCB's of concern. Sampling precision – two applicable field duplicate pairs analyzed with this SDG. All results were non-detects in both pairs. Acceptable sampling precision.	X	-	

(*asterisk sections Tier III only) Completeness Check: Inventory Check Sheet__X
Sample Quantitation Calculations on attached sheet (TIER III ONLY).

ECC Region I Data Review Worksheet (rv 2) **Metals 6010B/6020A/7470A**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual(2002)**

Data Validation Level	Matrix	Preservation	Temperature Sample Receipt	Laboratory	SDG Number
Tier II	Aqueous	HNO3	8-coolers 1.7, 2.1, 3.6, 3,0, 5.8, 4.5, 1.5 & 1.4 °C	Alpha Laboratory Westborough , MA	L0507237

Field Identification of Samples Evaluated:

Field ID	Lab Sample Number
8-GW10S-02	L0507237-01
8-GW01-02	L0507237-02
8-GW02D-02	L0507237-03
8-GW02S-02	L0507237-04
8-GW062805	L0507237-05 (field duplicate for sample 01)
8-GWHNUS23-02	L0507237-06
8-GW07S-02	L0507237-07
8-GW5S-02	L0507237-08
8-GW08D-02	L0507237-09
8-GW062905	L0507237-10 (field duplicate for sample 09)
8-GW06S-02	L0507237-11
8-GW03-02	L0507237-12

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
COC, Sample Delivery Group Form.	1)Unbroken custody (accept or if broken R) 2) Temp≤6° (Soil-J detects, R -nondetects preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound)	Cooler temperatures < 6 °C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody. No samples qualified.	X	-	
Holding Time	1) 180 days (6010), Hg 28 Days to analysis 2) J –detects, UJ or R –nondetects (function of time)	Sample Dates: June 28 & 29, 2005. Extraction Date: July 5, 2005. Analysis Date: July 6, 2005. All samples were analyzed within holding times – no sample qualifications.	X	-	
Lab Duplicate	1) RPD < 20% 1) If both values > MRL 2) Qualify samples in batch: detects J, NDs UJ	Native sample – sample 09 for both total and dissolved metals. RPD's were outside MPC limits only in cases of blank contamination. No samples qualified.	X	-	
LCS Recovery	1) once per sample batch 2) 75-125% water, soil, QAPP limits. 3) <LCL% Reject 4) >UCL% detects J	LCS %R's acceptable for all metals. No samples qualified.	X	-	
Field Dup RPD	1) RPD ≤ 50% water & soil for Results > X PQL (FD pair only) J-detects (both > X PQL) 2) If one >X PQL, other ND, J-detections, UJ non-detect	Two field duplicate sample pairs were analyzed with this SDG – 01-05 and 09-10. RPD's outside MPC limits for total Cu (high RPD) in the 01-05 pair and for toal Co, total Mo and total V (detected in the field duplicate but were non-detect in the native samples) in the 09-10 pair. The total Cu results in samples 01 & 05 were qualified J. Results for total Co and total V were qualified UJ in sample 09 and J in	X	The total Cu results in samples 01 & 05 were qualified J. Results for total Co and total V were	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
		sample 10. Total Mo result qualified J in sample 10.		qualified UJ in sample 09 and J in sample 10. Total Mo result qualified J in sample 10.	
% Solids Check (SOLIDS)	30%<Solids: if no sample weight adjustment made 1) <10% R entire sample 2) 10%.> and <30%; J-detects, NDs -R	Not applicable	-	-	
Results > Cal Range or <Cal Range	1) >Upper Cal Range J-detects - ensure instrument blank performed 2) <MRL but >MDL – J –detects (estimated)	Results less than the method reporting limits and greater than the method detection limit, that were not qualified U due to blank contamination, were qualified J. Please see attached data summary table for all such results.	X	J qualify results < MRL and > MDL.	
Lab Blanks (method blank or p reparation blank)	1) Once per sample batch 2) Results> QL; sample results <5X ; sample result U (nd) 3) Sample results >5X blank level; no action	Total Tl was detected at 0.00148 mg/L and dissolved Tl was detected at 0.00221 mg/L in the MB. All total and dissolved Tl detections were qualified U due to the method blank detections. All other prep blank detections were below ICB/CCB detection levels.	X	Total and dissolved Tl detections qualified U.	
MS Recovery	1) 75-125% GFAA/ICP if MS > 4X native levels) Qualification of MS sample: 2) <30% J detects, R NDs 3) 30%--74%, detects J, NDs UJ >125% J detects	Native sample – sample 09 for total and dissolved metals. All MS/MSD recoveries within MPC limits – no samples qualified.	X	-	
Sensitivity*	1) MDL study – 7 replicates (40 CFR) 2) Surrogates %R 80-120%, 1) %R <10 ND- (R) , J- detects 2) 10%> but <80% , judgement 3) %R>120% J-detects 4) %RSD < 20% 5) MDL< MQL (3x less ideal) 6) Lab fortitied blank (see VOA/SV Part II – section X). *Check and recalculate %RSDs and %R for three compounds (with 10% of lab)	MDL> OM RL for Zn. Lab RL >OM RL for most metals of concern but less than lowest groundwater criterion. The following results required dilutions to be quantified within the calibration range but undiluted analyses were also performed: Na in samples 11 & 12 and Na, K, Ca & Mg in sample 04 were analyzed at 20X. Ca, Mg, Na & K in samples 02, 03 & 08 were analyzed at 100X. The diluted runs above were performed for both total and dissolved metals analyses. The results for undiluted runs in the above results were qualified ZZZ and discarded.	X	Undiluted analyses for those results that required dilution were qualified ZZZ.	
Equip Blank	< 5x contaminants for aq samples – for soil indicate EB (X rules don't apply)	Equipment blank not collected/analyzed with this SDG – dedicated equipment.	-	-	
Negative blanks	If negative values are reported for an analyte with absolute value >DL and sample value is <5X the absolute value of the blank or is nondetect Qualify detects as estimated (J) Nondetects as estimated (UJ)	No negative blank detections for target metals. No samples qualified.	X	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
Initial Calibration Blanks	1) Ical blank after Ical 2) Results > QL; sample results <5X ; sample result U (nd) 3) Sample results >5X blank level; no action	The same ICB was applicable to both total and dissolved metals samples. The following detections in the ICB's resulted in qualifications: (all results in mg/L) Cd – detected at 0.00044, results < 0.0022 qualified U. All total and dissolved Cd detections were qualified U. Ni – detected at 0.00233, results < 0.01165 qualified U. All total and dissolved Ni detections were qualified U. Ba and Mn were also detected in ICB but all sample detections were > 5X ICB levels. All other ICB detections were below the CCB/MB detection levels.	X	All total & dissolved Cd and Ni results were qualified U.	
Continuing Calibration Blanks	1) CCB every 10 samples end of run 2) Results > QL; sample results <5X; sample result U (nd) 3) Sample results >5X blank level; no action	The same batch was applicable to both total and dissolved metals samples. The following detections in the ICB's resulted in qualifications: (all results in mg/L) Al – detected at 0.01768, results < 0.0884 qualified U. All dissolved Al detections and all total Al detections other than samples 04 & 06 were qualified U. Be – detected at 0.00042, results < 0.0021 qualified U. All total and dissolved Be detections were qualified U. Pb – detected at 0.00246, results < 0.0123 qualified U. All total Pb detections were qualified U; no dissolved Pb detections. Mo – detected at 0.00148, results < 0.0074 qualified U. All total Mo detections other than samples 03, 11 & 12 and all dissolved Mo detections other than 03, 10, 11 & 12 were qualified U. K – detected at 0.8586, results < 4.293 qualified U. Samples 02, 03 & 08 (total and dissolved) were analyzed at 100X dilution and sample 04 (total and dissolved) was analyzed at 20X dilution due to the results in the undiluted samples exceeding upper quantitation range (100 mg/L). Even though the results in the diluted samples were below 4.293X DF, they were not qualified U due to their detections in undiluted samples at very high levels. Both total and dissolved K results in samples 01, 05, 09 & 10 were qualified U due to CCB detections. Ag – detected at 0.00065, results < 0.00325 qualified U. All total Ag detections (samples 02 & 08) were qualified U; no dissolved Ag detections. Ca and Na were also detected in CCBs but all sample detections were > 5X CCB levels. All other CCB detections were below the ICB/MB detection levels.	X	All total Al detections except samples 04 & 06, all dissolved Al detections, all total and dissolved Be detections, all total Pb detections, all total Mo detections other than 03, 11 & 12, all dissolved Mo detections other than 03, 10, 11 & 12, total and dissolved K detections in samples 01, 05, 09 & 10 and all total Ag detections were qualified U.	
Serial Dilution	1) once per digestion batch 2) Meets method limits (%D < 10%). 3) Metal results >50X MDL levels.	SD on native sample 09 was performed for total and dissolved Ba, Na, K, Mg, Mn and Ca. All %D's within MPC limits for aforementioned metals except for total and dissolved K but all the results were <5X blank levels. No sample qualifications.	X	-	

ECC Region I Data Review Worksheet (rv 2) **Metals 6010B/6020A/7470A**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual(2002)**

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
Interelement checks ICS-A, ICS-AB Instrument performance check	1) start of sequence 2) 80-120% target analytes 3) >120% ; detects J (ICS-AB) 4) 50%-79% R ICS-AB; detects J, NDs – UJ 5) <50% R – reject data 6) ICS-A response > DL and samples have <5X ICS-A response: detects J 7) Absolute value of negative ICS-A response>DL and sample detects <5X ICS-A response: detects J, NDs as UJ 8) If the ICS-A is within limits, the ICS-AB may not be analyzed (USACE Shell)	Metal ICS's %R's within MPC limits for COC elements. No samples qualified.	X	-	
Initial Cal Multipoint	1) 6010: 1 std and blank and low-level check at MQL – check std 20% 2) 3 stds and a blank- R = 0.995	ICAL performed according to method. Two point calibration and check standards. The pre-analysis check standards were within MPC limits.	X	-	
2nd Source ICV	1) following calibration 2) 90- 110% Recovery (6010/7000) 3) 75%-89% R – detects J, NDs – UJ 4) 111-125% R – detects J outside 75-125% R – reject data (R)	Within limits of MPC. No samples qualified.	X	-	
CCV	1) every 10 samples and end of run 2) 90- 110% Recovery (6010) Hg; 80-120% 3) 6010: 75%-89% R Hg, 65-79% R; – detects J, NDs – UJ. 4) 6010: 111-125%, Hg: 121-135% detects J 6010: outside 75-125%, Hg; outside 65-135%; R – reject data (R)	Hg and ICP metals had applicable CCV %D's within MPC limits. No samples qualified.	X	-	
Post Digestion Spike	1) 75- 125% R	Not performed as all MS recoveries were within MPC limits.	X	-	
*MDL Study	1) *In accordance with 40CFR – seven replicates %RSD < 20% 2) * IS and retention times within method requirements 3) * performed annually 4) *MDL is at least ½ of PQL *tgt and surrogate 80-120% R	NA	-	-	
*System Performance	1)* evaluate PES, MS//MSD, cal STDs, MDS study, and surrogates for systemic bias – high or low and access system accuracy 3) *Matrix effects- MS/MSD, surrogated, PDS. 4) *overall system contamination-review all blanks for systemic or sporadic contamination	NA	-	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
*Single Blind PE	1) Qualify associated samples in PES batch PES = ND, Detects J – ND PE analytes in samples, NDs – R 5) PES > acceptance criteria – Detects in samples J, 6) PES<acceptance criteria – Detects J, NDs –R 7) VOA/SV-XI14 other criteria 8) *% of PES sample above and below criteria *Recalculate concentrations for one tgt compound per PES (10% of lab)	NA	-	-	
Overall Evaluation of Data	1) Appropriate method 2) Evaluate any analytical problems 3) Evaluate sampling errors – field contamination, sample hold times	Sample results are usable for project decision making, as qualified. Laboratory accuracy and precision were acceptable. Accuracy was shown by the LCS being within MPC limits. All MS recoveries within MPC limits. Lab duplicate RPD's within MPC limits except in cases of blank contamination. The ICS-A, and ICS-AB were within MPC limits for all elements. Total and dissolved K results had high serial dilution %D's but the results were < 5X blank contamination levels. Several results were qualified due to prep blank/ICB/CCB contamination – please see attached Data Summary Table or the individual sections above for the list of all the results that were thus qualified. Undiluted results for Ca, Mg, Na & K in samples 002, 03, 04 & 08 and Na results in samples 11 & 12 were qualified ZZZ and discarded. ICAL; 2-point calibration. ICV: within MPC limits. CCV: within MPC limits. Results less than MRL but greater than MDL that were not qualified U due to blank contamination, were qualified J. Please see attached data summary tables for all such results. Sampling precision: two field duplicate sample pairs were analyzed – 01-05 and 09-10. RPD's outside MPC limits for total Cu in the 01-05 pair and for total Co, total, Mo and total V in the 09-10 pair.	X	-	

*TIER III DATA VALIDATION ONLY Completeness Check: Inventory Check Sheet___X_Sample Quantitation Calculations (TIER III DATA VALIDATION ONLY):

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW10S-02	28-Jun-05	L0507237-01	4500NO3-F	NITROGEN, NITRATE	0.34		mg/l	y	0.1	0.006	1
8-GW10S-02	28-Jun-05	L0507237-01	9038	SULFATE	11		mg/l	y	10	1.4	1
8-GW10S-02	28-Jun-05	L0507237-01	2340B	HARDNESS	25		mg/l	y	1.7	0.021	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	ALUMINUM, TOTAL	0.072	U	mg/l	y	0.1	0.0065	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	ANTIMONY, TOTAL	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	ARSENIC, TOTAL	0.0026	U	mg/l	n	0.004	0.0026	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	BARIUM, TOTAL	0.02		mg/l	y	0.01	0.0002	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	BERYLLIUM, TOTAL	0.0002	U	mg/l	y	0.004	0.0001	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	CADMIUM, TOTAL	0.0003	U	mg/l	y	0.005	0.0001	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	CALCIUM, TOTAL	7.1		mg/l	y	0.1	0.0058	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	CHROMIUM, TOTAL	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	COBALT, TOTAL	0.0007	U	mg/l	n	0.02	0.0007	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	COPPER, TOTAL	0.001	J	mg/l	y	0.01	0.0008	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	IRON, TOTAL	0.038	J	mg/l	y	0.05	0.0099	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	LEAD, TOTAL	0.0016	U	mg/l	y	0.01	0.0013	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	MAGNESIUM, TOTAL	1.8		mg/l	y	0.1	0.0056	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	MANGANESE, TOTAL	0.01	J	mg/l	y	0.01	0.0002	1
8-GW10S-02	28-Jun-05	L0507237-01	7470A	MERCURY, TOTAL	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	MOLYBDENUM, TOTAL	0.006	U	mg/l	y	0.05	0.0009	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	NICKEL, TOTAL	0.0019	U	mg/l	y	0.025	0.0007	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	POTASSIUM, TOTAL	2.4	U	mg/l	y	2.5	0.056	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	SELENIUM, TOTAL	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	SILVER, TOTAL	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	SODIUM, TOTAL	23		mg/l	y	2	0.076	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	THALLIUM, TOTAL	0.0013	U	mg/l	n	0.005	0.0013	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	VANADIUM, TOTAL	0.0007	U	mg/l	n	0.01	0.0007	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	ZINC, TOTAL	0.03	J	mg/l	y	0.05	0.0025	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	ALUMINUM, DISSOLVED	0.028	U	mg/l	y	0.1	0.0065	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	ANTIMONY, DISSOLVED	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	ARSENIC, DISSOLVED	0.0026	U	mg/l	n	0.004	0.0026	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	BARIUM, DISSOLVED	0.02		mg/l	y	0.01	0.0002	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	BERYLLIUM, DISSOLVED	0.0001	U	mg/l	n	0.004	0.0001	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	CADMIUM, DISSOLVED	0.0004	U	mg/l	y	0.005	0.0001	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	CALCIUM, DISSOLVED	7		mg/l	y	0.1	0.0058	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	CHROMIUM, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	COBALT, DISSOLVED	0.0007	U	mg/l	n	0.02	0.0007	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	COPPER, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	IRON, DISSOLVED	0.0099	U	mg/l	n	0.05	0.0099	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	LEAD, DISSOLVED	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	MAGNESIUM, DISSOLVED	1.7		mg/l	y	0.1	0.0056	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	MANGANESE, DISSOLVED	0.009	J	mg/l	y	0.01	0.0002	1
8-GW10S-02	28-Jun-05	L0507237-01	7470A	MERCURY, DISSOLVED	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	MOLYBDENUM, DISSOLVED	0.003	U	mg/l	y	0.05	0.0009	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	NICKEL, DISSOLVED	0.0013	U	mg/l	y	0.025	0.0007	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	POTASSIUM, DISSOLVED	2.4	U	mg/l	y	2.5	0.056	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	SELENIUM, DISSOLVED	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	SILVER, DISSOLVED	0.0005	U	mg/l	n	0.007	0.0005	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW10S-02	28-Jun-05	L0507237-01	6010B	SODIUM, DISSOLVED	22		mg/l	y	2	0.076	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	THALLIUM, DISSOLVED	0.0013	U	mg/l	n	0.005	0.0013	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	VANADIUM, DISSOLVED	0.0007	U	mg/l	n	0.01	0.0007	1
8-GW10S-02	28-Jun-05	L0507237-01	6010B	ZINC, DISSOLVED	0.027	J	mg/l	y	0.05	0.0025	1
8-GW10S-02	28-Jun-05	L0507237-01	8260B	METHYLENE CHLORIDE	0.92	U	ug/l	n	12	0.92	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,1-DICHLOROETHANE	0.48	U	ug/l	n	1.9	0.48	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	CHLOROFORM	0.35	U	ug/l	n	1.9	0.35	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	CARBON TETRACHLORIDE	0.95	U	ug/l	n	1.2	0.95	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,2-DICHLOROPROPANE	0.6	U	ug/l	n	4.4	0.6	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	DIBROMOCHLOROMETHANE	0.48	U	ug/l	n	1.2	0.48	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,1,2-TRICHLOROETHANE	0.4	U	ug/l	n	1.9	0.4	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	TETRACHLOROETHENE	250	ZZZ	ug/l	y	1.2	1.1	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	CHLOROBENZENE	0.8	U	ug/l	n	1.2	0.8	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	TRICHLOROFLUOROMETHANE	0.72	U	ug/l	n	6.2	0.72	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,2-DICHLOROETHANE	0.35	U	ug/l	n	1.2	0.35	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,1,1-TRICHLOROETHANE	0.62	U	ug/l	n	1.2	0.62	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	BROMODICHLOROMETHANE	0.6	U	ug/l	n	1.2	0.6	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	TRANS-1,3-DICHLOROPROPENE	0.6	U	ug/l	n	1.2	0.6	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	CIS-1,3-DICHLOROPROPENE	0.32	U	ug/l	n	1.2	0.32	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,1-DICHLOROPROPENE	0.85	U	ug/l	n	6.2	0.85	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	BROMOFORM	2.7	U	ug/l	n	5	2.7	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,1,2,2-TETRACHLOROETHANE	0.72	U	ug/l	n	1.2	0.72	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	BENZENE	0.72	U	ug/l	n	1.2	0.72	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	TOLUENE	0.78	U	ug/l	n	1.9	0.78	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	ETHYLBENZENE	1.6	J	ug/l	y	1.2	0.7	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	CHLOROMETHANE	0.3	U	ug/l	n	6.2	0.3	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	BROMOMETHANE	0.9	U	ug/l	n	2.5	0.9	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	VINYL CHLORIDE	0.68	U	ug/l	n	2.5	0.68	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	CHLOROETHANE	0.9	U	ug/l	n	2.5	0.9	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,1-DICHLOROETHENE	0.95	U	ug/l	n	1.2	0.95	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	TRANS-1,2-DICHLOROETHENE	0.85	U	ug/l	n	1.9	0.85	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	TRICHLOROETHENE	0.85	U	ug/l	n	1.2	0.85	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,2-DICHLOROBENZENE	0.38	U	ug/l	n	6.2	0.38	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,3-DICHLOROBENZENE	0.5	U	ug/l	n	6.2	0.5	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,4-DICHLOROBENZENE	0.58	U	ug/l	n	6.2	0.58	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	METHYL TERT BUTYL ETHER	0.3	U	ug/l	n	2.5	0.3	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	P/M-XYLENE	0.98	U	ug/l	n	2.5	0.98	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	O-XYLENE	0.75	U	ug/l	n	2.5	0.75	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	CIS-1,2-DICHLOROETHENE	0.45	U	ug/l	n	1.2	0.45	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	DIBROMOMETHANE	0.48	U	ug/l	n	12	0.48	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,2,3-TRICHLOROPROPANE	0.58	U	ug/l	n	12	0.58	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	STYRENE	1.1	U	ug/l	n	2.5	1.1	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	DICHLORODIFLUOROMETHANE	0.75	U	ug/l	n	12	0.75	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	ACETONE	3.7	UJ	ug/l	n	12	3.7	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	CARBON DISULFIDE	0.68	U	ug/l	n	12	0.68	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	2-BUTANONE	4.2	UJ	ug/l	n	12	4.2	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	4-METHYL-2-PENTANONE	1	U	ug/l	n	12	1	2.5

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW10S-02	28-Jun-05	L0507237-01	8260B	2-HEXANONE	4.5	UJ	ug/l	n	12	4.5	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	BROMOCHLOROMETHANE	0.48	U	ug/l	n	6.2	0.48	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	2,2-DICHLOROPROPANE	1.6	U	ug/l	n	6.2	1.6	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,2-DIBROMOETHANE	0.58	U	ug/l	n	5	0.58	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,3-DICHLOROPROPANE	0.42	U	ug/l	n	6.2	0.42	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,1,1,2-TETRACHLOROETHANE	0.78	U	ug/l	n	1.2	0.78	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	BROMOBENZENE	0.38	U	ug/l	n	6.2	0.38	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	N-BUTYLBENZENE	1	U	ug/l	n	1.2	1	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	SEC-BUTYLBENZENE	1	U	ug/l	n	1.2	1	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	TERT-BUTYLBENZENE	0.72	U	ug/l	n	6.2	0.72	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	O-CHLOROTOLUENE	0.6	U	ug/l	n	6.2	0.6	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	P-CHLOROTOLUENE	0.6	U	ug/l	n	6.2	0.6	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,2-DIBROMO-3-CHLOROPROPANE	4	U	ug/l	n	6.2	4	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	HEXACHLOROBUTADIENE	1.1	U	ug/l	n	2.5	1.1	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	ISOPROPYLBENZENE	0.65	U	ug/l	n	1.2	0.65	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	P-ISOPROPYLTOLUENE	0.82	U	ug/l	n	1.2	0.82	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	NAPHTHALENE	1	U	ug/l	n	6.2	1	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	N-PROPYLBENZENE	0.8	U	ug/l	n	1.2	0.8	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,2,3-TRICHLOROBENZENE	0.95	U	ug/l	n	6.2	0.95	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,2,4-TRICHLOROBENZENE	0.7	U	ug/l	n	6.2	0.7	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,3,5-TRIMETHYLBENZENE	0.68	U	ug/l	n	6.2	0.68	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	1,2,4-TRIMETHYLBENZENE	0.62	U	ug/l	n	6.2	0.62	2.5
8-GW10S-02	28-Jun-05	L0507237-01	8260B	TETRACHLOROETHENE	2700		ug/l	y	50	43	100
8-GW10S-02	28-Jun-05	L0507237-01	8270C	1,2,4-TRICHLOROBENZENE	1.2	U	ug/l	n	4.8	1.2	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	HEXACHLOROBENZENE	1.5	U	ug/l	n	4.8	1.5	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	BIS(2-CHLOROETHYL)ETHER	1.3	U	ug/l	n	4.8	1.3	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	1,2-DICHLOROBENZENE	1.1	U	ug/l	n	4.8	1.1	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	1,3-DICHLOROBENZENE	1	U	ug/l	n	4.8	1	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	1,4-DICHLOROBENZENE	0.93	U	ug/l	n	4.8	0.93	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	3,3'-DICHLOROBENZIDINE	2.5	U	ug/l	n	48	2.5	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	2,4-DINITROTOLUENE	0.46	U	ug/l	n	5.8	0.46	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	2,6-DINITROTOLUENE	0.93	UJ	ug/l	n	4.8	0.93	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	4-CHLOROPHENYL PHENYL ETHER	0.93	U	ug/l	n	4.8	0.93	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	4-BROMOPHENYL PHENYL ETHER	0.96	U	ug/l	n	4.8	0.96	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	BIS(2-CHLOROISOPROPYL)ETHER	2.1	U	ug/l	n	4.8	2.1	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	BIS(2-CHLOROETHOXY)METHANE	1.5	U	ug/l	n	4.8	1.5	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	HEXACHLOROBUTADIENE	2	U	ug/l	n	9.7	2	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	HEXACHLOROETHANE	0.94	U	ug/l	n	4.8	0.94	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	ISOPHORONE	1.5	U	ug/l	n	4.8	1.5	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	NITROBENZENE	1.5	U	ug/l	n	4.8	1.5	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	NITROSODIPHENYLAMINE(NDPA)/DPA	4.1	U	ug/l	n	14	4.1	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	N-NITROSODI-N-PROPYLAMINE	1.6	U	ug/l	n	4.8	1.6	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	BIS(2-ETHYLHEXYL)PHTHALATE	1.6	U	ug/l	n	9.7	1.6	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	BUTYL BENZYL PHTHALATE	0.65	U	ug/l	n	4.8	0.65	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	DI-N-BUTYLPHTHALATE	0.48	U	ug/l	n	4.8	0.48	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	DI-N-OCTYLPHTHALATE	0.52	U	ug/l	n	4.8	0.52	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	DIETHYL PHTHALATE	1.5	U	ug/l	n	4.8	1.5	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW10S-02	28-Jun-05	L0507237-01	8270C	DIMETHYL PHTHALATE	1.6	U	ug/l	n	4.8	1.6	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	4-CHLOROANILINE	1.4	U	ug/l	n	4.8	1.4	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	2-NITROANILINE	1.1	U	ug/l	n	4.8	1.1	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	3-NITROANILINE	1.1	U	ug/l	n	4.8	1.1	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	4-NITROANILINE	1.2	U	ug/l	n	6.8	1.2	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	DIBENZOFURAN	0.89	U	ug/l	n	4.8	0.89	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	2,4,6-TRICHLOROPHENOL	1.2	U	ug/l	n	4.8	1.2	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	P-CHLORO-M-CRESOL	1.4	U	ug/l	n	4.8	1.4	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	2-CHLOROPHENOL	1.7	U	ug/l	n	5.8	1.7	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	2,4-DICHLOROPHENOL	2	U	ug/l	n	9.7	2	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	2,4-DIMETHYLPHENOL	3	UJ	ug/l	n	9.7	3	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	2-NITROPHENOL	2.3	U	ug/l	n	19	2.3	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	4-NITROPHENOL	1.6	U	ug/l	n	9.7	1.6	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	2,4-DINITROPHENOL	1	U	ug/l	n	19	1	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	4,6-DINITRO-O-CRESOL	1.4	U	ug/l	n	19	1.4	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	PENTACHLOROPHENOL	1.5	U	ug/l	n	19	1.5	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	PHENOL	1.2	U	ug/l	n	6.8	1.2	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	2-METHYLPHENOL	1.5	U	ug/l	n	5.8	1.5	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	3-METHYLPHENOL/4-METHYLPHENOL	1.5	U	ug/l	n	5.8	1.5	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	2,4,5-TRICHLOROPHENOL	0.93	U	ug/l	n	4.8	0.93	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	BENZOIC ACID	0.96	U	ug/l	n	48	0.96	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C	CARBAZOLE	1.6	U	ug/l	n	4.8	1.6	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	ACENAPHTHENE	0.035	U	ug/l	n	0.19	0.035	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	2-CHLORONAPHTHALENE	0.041	UJ	ug/l	n	0.19	0.041	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	FLUORANTHENE	0.039	UJ	ug/l	n	0.19	0.039	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	NAPHTHALENE	0.03	U	ug/l	n	0.19	0.03	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	BENZO(A)ANTHRACENE	0.037	U	ug/l	n	0.19	0.037	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	BENZO(A)PYRENE	0.039	UJ	ug/l	n	0.19	0.039	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	BENZO(B)FLUORANTHENE	0.048	U	ug/l	n	0.19	0.048	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	BENZO(K)FLUORANTHENE	0.035	UJ	ug/l	n	0.19	0.035	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	CHRYSENE	0.023	U	ug/l	n	0.19	0.023	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	ACENAPHTHYLENE	0.029	UJ	ug/l	n	0.19	0.029	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	ANTHRACENE	0.047	UJ	ug/l	n	0.19	0.047	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	BENZO(GHI)PERYLENE	0.024	U	ug/l	n	0.24	0.024	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	FLUORENE	0.023	U	ug/l	n	0.19	0.023	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	PHENANTHRENE	0.04	J	ug/l	y	0.19	0.03	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	DIBENZO(A,H)ANTHRACENE	0.016	U	ug/l	n	0.19	0.016	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	INDENO(1,2,3-CD)PYRENE	0.025	U	ug/l	n	0.19	0.025	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	PYRENE	0.044	UJ	ug/l	n	0.19	0.044	1
8-GW10S-02	28-Jun-05	L0507237-01	8270C-SIM	2-METHYLNAPHTHALENE	0.035	U	ug/l	n	0.19	0.035	1
8-GW10S-02	28-Jun-05	L0507237-01	8082	AROCLOR 1221	0.07	U	ug/l	n	0.5	0.07	1
8-GW10S-02	28-Jun-05	L0507237-01	8082	AROCLOR 1232	0.15	U	ug/l	n	0.5	0.15	1
8-GW10S-02	28-Jun-05	L0507237-01	8082	AROCLOR 1242/1016	0.05	U	ug/l	n	0.5	0.05	1
8-GW10S-02	28-Jun-05	L0507237-01	8082	AROCLOR 1248	0.12	U	ug/l	n	0.5	0.12	1
8-GW10S-02	28-Jun-05	L0507237-01	8082	AROCLOR 1254	0.06	U	ug/l	n	0.5	0.06	1
8-GW10S-02	28-Jun-05	L0507237-01	8082	AROCLOR 1260	0.02	U	ug/l	n	0.5	0.02	1
8-GW10S-02	28-Jun-05	L0507237-01	8082	AROCLOR 1268	0.05	U	ug/l	n	0.5	0.05	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW10S-02	28-Jun-05	L0507237-01	8081A	DELTA-BHC	0.002	U	ug/l	n	0.02	0.002	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	LINDANE	0.003	U	ug/l	n	0.02	0.003	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	ALPHA-BHC	0.003	U	ug/l	n	0.02	0.003	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	BETA-BHC	0.005	U	ug/l	n	0.02	0.005	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	HEPTACHLOR	0.004	U	ug/l	n	0.02	0.004	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	ALDRIN	0.004	U	ug/l	n	0.02	0.004	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	HEPTACHLOR EPOXIDE	0.004	U	ug/l	n	0.02	0.004	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	ENDRIN	0.01	U	ug/l	n	0.04	0.01	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	ENDRIN ALDEHYDE	0.009	U	ug/l	n	0.04	0.009	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	ENDRIN KETONE	0.007	U	ug/l	n	0.04	0.007	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	DIELDRIN	0.008	U	ug/l	n	0.04	0.008	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	4,4'-DDE	0.007	U	ug/l	n	0.04	0.007	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	4,4'-DDD	0.014	U	ug/l	n	0.04	0.014	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	4,4'-DDT	0.007	U	ug/l	n	0.04	0.007	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	ENDOSULFAN I	0.005	UJ	ug/l	n	0.02	0.005	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	ENDOSULFAN II	0.014	U	ug/l	n	0.04	0.014	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	ENDOSULFAN SULFATE	0.009	U	ug/l	n	0.04	0.009	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	METHOXYCHLOR	0.04	U	ug/l	n	0.2	0.04	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	TOXAPHENE	0.075	U	ug/l	n	0.5	0.075	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	HEXACHLOROBENZENE	0.002	U	ug/l	n	0.2	0.002	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	CIS-CHLORDANE	0.004	U	ug/l	n	0.02	0.004	1
8-GW10S-02	28-Jun-05	L0507237-01	8081A	TRANS-CHLORDANE	0.004	U	ug/l	n	0.02	0.004	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	MANGANESE, TOTAL	0.08		mg/l	y	0.01	0.0002	1
8-GW01-02	29-Jun-05	L0507237-02	7470A	MERCURY, TOTAL	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	MOLYBDENUM, TOTAL	0.005	U	mg/l	y	0.05	0.0009	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	NICKEL, TOTAL	0.0017	U	mg/l	y	0.025	0.0007	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	POTASSIUM, TOTAL	100	ZZZ	mg/l	y	2.5	0.056	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	POTASSIUM, TOTAL	290		mg/l	y	250	5.6	100
8-GW01-02	29-Jun-05	L0507237-02	6010B	SELENIUM, TOTAL	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	SILVER, TOTAL	0.0006	U	mg/l	y	0.007	0.0005	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	SODIUM, TOTAL	100	ZZZ	mg/l	y	2	0.076	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	SODIUM, TOTAL	4900		mg/l	y	200	7.6	100
8-GW01-02	29-Jun-05	L0507237-02	6010B	THALLIUM, TOTAL	0.0013	U	mg/l	y	0.005	0.0013	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	VANADIUM, TOTAL	0.0007	U	mg/l	n	0.01	0.0007	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	ZINC, TOTAL	0.02	J	mg/l	y	0.05	0.0025	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	ALUMINUM, DISSOLVED	0.0065	U	mg/l	n	0.1	0.0065	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	ANTIMONY, DISSOLVED	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	ARSENIC, DISSOLVED	0.0034	J	mg/l	y	0.004	0.0026	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	BARIUM, DISSOLVED	0.07		mg/l	y	0.01	0.0002	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	BERYLLIUM, DISSOLVED	0.0001	U	mg/l	n	0.004	0.0001	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	CADMIUM, DISSOLVED	0.0001	U	mg/l	n	0.005	0.0001	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	CALCIUM, DISSOLVED	90	ZZZ	mg/l	y	0.1	0.0058	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	CALCIUM, DISSOLVED	180		mg/l	y	10	0.58	100
8-GW01-02	29-Jun-05	L0507237-02	6010B	CHROMIUM, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	COBALT, DISSOLVED	0.001	J	mg/l	y	0.02	0.0007	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	COPPER, DISSOLVED	0.002	J	mg/l	y	0.01	0.0008	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	IRON, DISSOLVED	0.12		mg/l	y	0.05	0.0099	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW01-02	29-Jun-05	L0507237-02	6010B	LEAD, DISSOLVED	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	MAGNESIUM, DISSOLVED	100	ZZZ	mg/l	y	0.1	0.0056	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	MAGNESIUM, DISSOLVED	580		mg/l	y	10	0.56	100
8-GW01-02	29-Jun-05	L0507237-02	6010B	MANGANESE, DISSOLVED	0.09		mg/l	y	0.01	0.0002	1
8-GW01-02	29-Jun-05	L0507237-02	7470A	MERCURY, DISSOLVED	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	MOLYBDENUM, DISSOLVED	0.005	U	mg/l	y	0.05	0.0009	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	NICKEL, DISSOLVED	0.0017	U	mg/l	y	0.025	0.0007	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	POTASSIUM, DISSOLVED	100	ZZZ	mg/l	y	2.5	0.056	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	POTASSIUM, DISSOLVED	270		mg/l	y	250	5.6	100
8-GW01-02	29-Jun-05	L0507237-02	6010B	SELENIUM, DISSOLVED	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	SILVER, DISSOLVED	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	SODIUM, DISSOLVED	100	ZZZ	mg/l	y	2	0.076	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	SODIUM, DISSOLVED	4700		mg/l	y	200	7.6	100
8-GW01-02	29-Jun-05	L0507237-02	6010B	THALLIUM, DISSOLVED	0.0032	U	mg/l	y	0.005	0.0013	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	VANADIUM, DISSOLVED	0.0007	U	mg/l	n	0.01	0.0007	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	ZINC, DISSOLVED	0.013	J	mg/l	y	0.05	0.0025	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	METHYLENE CHLORIDE	0.37	UJ	ug/l	n	5	0.37	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,1-DICHLOROETHANE	0.19	UJ	ug/l	n	0.75	0.19	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	CHLOROFORM	0.14	U	ug/l	n	0.75	0.14	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	CARBON TETRACHLORIDE	0.38	U	ug/l	n	0.5	0.38	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,2-DICHLOROPROPANE	0.24	U	ug/l	n	1.8	0.24	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	DIBROMOCHLOROMETHANE	0.19	U	ug/l	n	0.5	0.19	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,1,2-TRICHLOROETHANE	0.16	U	ug/l	n	0.75	0.16	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	TETRACHLOROETHENE	0.43	U	ug/l	n	0.5	0.43	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	CHLOROBENZENE	0.32	U	ug/l	n	0.5	0.32	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	TRICHLOROFLUOROMETHANE	0.29	U	ug/l	n	2.5	0.29	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,2-DICHLOROETHANE	0.14	U	ug/l	n	0.5	0.14	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,1,1-TRICHLOROETHANE	0.25	U	ug/l	n	0.5	0.25	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	BROMODICHLOROMETHANE	0.24	U	ug/l	n	0.5	0.24	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	TRANS-1,3-DICHLOROPROPENE	0.24	U	ug/l	n	0.5	0.24	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	CIS-1,3-DICHLOROPROPENE	0.13	U	ug/l	n	0.5	0.13	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,1-DICHLOROPROPENE	0.65	J	ug/l	y	2.5	0.34	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	BROMOFORM	1.1	U	ug/l	n	2	1.1	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,1,2,2-TETRACHLOROETHANE	0.29	U	ug/l	n	0.5	0.29	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	BENZENE	0.29	UJ	ug/l	n	0.5	0.29	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	TOLUENE	0.31	U	ug/l	n	0.75	0.31	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	ETHYLBENZENE	0.28	U	ug/l	n	0.5	0.28	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	CHLOROMETHANE	0.12	U	ug/l	n	2.5	0.12	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	BROMOMETHANE	0.36	UJ	ug/l	n	1	0.36	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	VINYL CHLORIDE	0.27	U	ug/l	n	1	0.27	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	CHLOROETHANE	0.36	U	ug/l	n	1	0.36	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,1-DICHLOROETHENE	0.38	U	ug/l	n	0.5	0.38	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	TRANS-1,2-DICHLOROETHENE	0.34	UJ	ug/l	n	0.75	0.34	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	TRICHLOROETHENE	0.34	U	ug/l	n	0.5	0.34	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,2-DICHLOROBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,3-DICHLOROBENZENE	0.2	U	ug/l	n	2.5	0.2	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,4-DICHLOROBENZENE	0.23	U	ug/l	n	2.5	0.23	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW01-02	29-Jun-05	L0507237-02	8260B	METHYL TERT BUTYL ETHER	0.12	U	ug/l	n	1	0.12	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	P/M-XYLENE	0.39	U	ug/l	n	1	0.39	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	O-XYLENE	0.3	U	ug/l	n	1	0.3	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	CIS-1,2-DICHLOROETHENE	0.18	U	ug/l	n	0.5	0.18	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	DIBROMOMETHANE	0.19	U	ug/l	n	5	0.19	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,2,3-TRICHLOROPROPANE	0.23	U	ug/l	n	5	0.23	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	STYRENE	0.44	U	ug/l	n	1	0.44	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	DICHLORODIFLUOROMETHANE	0.3	U	ug/l	n	5	0.3	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	ACETONE	1.5	UJ	ug/l	n	5	1.5	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	CARBON DISULFIDE	0.27	UJ	ug/l	n	5	0.27	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	2-BUTANONE	1.7	UJ	ug/l	n	5	1.7	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	4-METHYL-2-PENTANONE	0.4	U	ug/l	n	5	0.4	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	2-HEXANONE	1.8	UJ	ug/l	n	5	1.8	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	BROMOCHLOROMETHANE	0.19	UJ	ug/l	n	2.5	0.19	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	2,2-DICHLOROPROPANE	0.63	U	ug/l	n	2.5	0.63	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,2-DIBROMOETHANE	0.23	U	ug/l	n	2	0.23	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,3-DICHLOROPROPANE	0.17	U	ug/l	n	2.5	0.17	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,1,1,2-TETRACHLOROETHANE	0.31	U	ug/l	n	0.5	0.31	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	BROMOBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	N-BUTYLBENZENE	0.41	U	ug/l	n	0.5	0.41	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	SEC-BUTYLBENZENE	0.4	U	ug/l	n	0.5	0.4	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	TERT-BUTYLBENZENE	0.29	U	ug/l	n	2.5	0.29	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	O-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	P-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,2-DIBROMO-3-CHLOROPROPANE	1.6	U	ug/l	n	2.5	1.6	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	HEXACHLOROBUTADIENE	0.43	U	ug/l	n	1	0.43	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	ISOPROPYLBENZENE	0.26	U	ug/l	n	0.5	0.26	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	P-ISOPROPYLTOLUENE	0.33	U	ug/l	n	0.5	0.33	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	NAPHTHALENE	0.41	U	ug/l	n	2.5	0.41	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	N-PROPYLBENZENE	0.32	U	ug/l	n	0.5	0.32	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,2,3-TRICHLOROBENZENE	0.38	U	ug/l	n	2.5	0.38	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,2,4-TRICHLOROBENZENE	0.28	U	ug/l	n	2.5	0.28	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,3,5-TRIMETHYLBENZENE	0.27	U	ug/l	n	2.5	0.27	1
8-GW01-02	29-Jun-05	L0507237-02	8260B	1,2,4-TRIMETHYLBENZENE	0.25	U	ug/l	n	2.5	0.25	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	1,2,4-TRICHLOROBENZENE	1.2	U	ug/l	n	4.8	1.2	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	HEXACHLOROBENZENE	1.5	U	ug/l	n	4.8	1.5	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	BIS(2-CHLOROETHYL)ETHER	1.3	U	ug/l	n	4.8	1.3	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	1,2-DICHLOROBENZENE	1	U	ug/l	n	4.8	1	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	1,3-DICHLOROBENZENE	1	U	ug/l	n	4.8	1	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	1,4-DICHLOROBENZENE	0.92	U	ug/l	n	4.8	0.92	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	3,3'-DICHLOROBENZIDINE	2.4	U	ug/l	n	48	2.4	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	2,4-DINITROTOLUENE	0.46	U	ug/l	n	5.7	0.46	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	2,6-DINITROTOLUENE	0.92	UJ	ug/l	n	4.8	0.92	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	4-CHLOROPHENYL PHENYL ETHER	0.92	U	ug/l	n	4.8	0.92	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	4-BROMOPHENYL PHENYL ETHER	0.95	U	ug/l	n	4.8	0.95	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	BIS(2-CHLOROISOPROPYL)ETHER	2.1	U	ug/l	n	4.8	2.1	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	BIS(2-CHLOROETHOXY)METHANE	1.5	U	ug/l	n	4.8	1.5	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW01-02	29-Jun-05	L0507237-02	8270C	HEXACHLOROBUTADIENE	2	U	ug/l	n	9.6	2	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	HEXACHLOROETHANE	0.93	U	ug/l	n	4.8	0.93	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	ISOPHORONE	1.5	U	ug/l	n	4.8	1.5	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	NITROBENZENE	1.5	U	ug/l	n	4.8	1.5	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	NITROSODIPHENYLAMINE(NDPA)/DPA	4	U	ug/l	n	14	4	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	N-NITROSODI-N-PROPYLAMINE	1.6	U	ug/l	n	4.8	1.6	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	BIS(2-ETHYLHEXYL)PHTHALATE	1.6	U	ug/l	n	9.6	1.6	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	BUTYL BENZYL PHTHALATE	0.64	U	ug/l	n	4.8	0.64	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	DI-N-BUTYLPHTHALATE	0.48	U	ug/l	n	4.8	0.48	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	DI-N-OCTYLPHTHALATE	0.52	U	ug/l	n	4.8	0.52	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	DIETHYL PHTHALATE	1.5	U	ug/l	n	4.8	1.5	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	DIMETHYL PHTHALATE	1.5	U	ug/l	n	4.8	1.5	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	4-CHLOROANILINE	1.4	U	ug/l	n	4.8	1.4	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	2-NITROANILINE	1.1	U	ug/l	n	4.8	1.1	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	3-NITROANILINE	1.1	U	ug/l	n	4.8	1.1	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	4-NITROANILINE	1.2	U	ug/l	n	6.7	1.2	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	DIBENZOFURAN	0.88	U	ug/l	n	4.8	0.88	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	2,4,6-TRICHLOROPHENOL	1.2	U	ug/l	n	4.8	1.2	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	P-CHLORO-M-CRESOL	1.4	U	ug/l	n	4.8	1.4	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	2-CHLOROPHENOL	1.7	U	ug/l	n	5.7	1.7	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	2,4-DICHLOROPHENOL	2	U	ug/l	n	9.6	2	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	2,4-DIMETHYLPHENOL	2.9	UJ	ug/l	n	9.6	2.9	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	2-NITROPHENOL	2.2	U	ug/l	n	19	2.2	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	4-NITROPHENOL	1.6	U	ug/l	n	9.6	1.6	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	2,4-DINITROPHENOL	1	U	ug/l	n	19	1	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	4,6-DINITRO-O-CRESOL	1.4	U	ug/l	n	19	1.4	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	PENTACHLOROPHENOL	1.5	U	ug/l	n	19	1.5	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	PHENOL	1.1	U	ug/l	n	6.7	1.1	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	2-METHYLPHENOL	1.4	U	ug/l	n	5.7	1.4	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	3-METHYLPHENOL/4-METHYLPHENOL	1.5	U	ug/l	n	5.7	1.5	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	2,4,5-TRICHLOROPHENOL	0.92	U	ug/l	n	4.8	0.92	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	BENZOIC ACID	0.95	U	ug/l	n	48	0.95	1
8-GW01-02	29-Jun-05	L0507237-02	8270C	CARBAZOLE	1.5	U	ug/l	n	4.8	1.5	1
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	ACENAPHTHENE	0.25		ug/l	y	0.19	0.034	1
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	2-CHLORONAPHTHALENE	0.04	UJ	ug/l	n	0.19	0.04	1
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	FLUORANTHENE	0.15	J	ug/l	y	0.19	0.038	1
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	NAPHTHALENE	0.15	J	ug/l	y	0.19	0.03	1
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	BENZO(A)ANTHRACENE	0.036	U	ug/l	n	0.19	0.036	1
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	BENZO(A)PYRENE	0.038	UJ	ug/l	n	0.19	0.038	1
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	BENZO(B)FLUORANTHENE	0.048	U	ug/l	n	0.19	0.048	1
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	BENZO(K)FLUORANTHENE	0.04	J	ug/l	y	0.19	0.034	1
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	CHRYSENE	0.047	J	ug/l	y	0.19	0.023	1
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	ACENAPHTHYLENE	0.029	UJ	ug/l	n	0.19	0.029	1
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	ANTHRACENE	0.059	J	ug/l	y	0.19	0.047	1
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	BENZO(GHI)PERYLENE	0.024	U	ug/l	n	0.24	0.024	1
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	FLUORENE	0.085	J	ug/l	y	0.19	0.023	1
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	PHENANTHRENE	0.12	J	ug/l	y	0.19	0.03	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	DIBENZO(A,H)ANTHRACENE	0.016	U	ug/l	n	0.19	0.016	1
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	INDENO(1,2,3-CD)PYRENE	0.025	U	ug/l	n	0.19	0.025	1
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	PYRENE	0.13	J	ug/l	y	0.19	0.044	1
8-GW01-02	29-Jun-05	L0507237-02	8270C-SIM	2-METHYLNAPHTHALENE	0.034	U	ug/l	n	0.19	0.034	1
8-GW01-02	29-Jun-05	L0507237-02	8082	AROCLOR 1221	0.07	U	ug/l	n	0.5	0.07	1
8-GW01-02	29-Jun-05	L0507237-02	8082	AROCLOR 1232	0.15	U	ug/l	n	0.5	0.15	1
8-GW01-02	29-Jun-05	L0507237-02	8082	AROCLOR 1242/1016	0.05	U	ug/l	n	0.5	0.05	1
8-GW01-02	29-Jun-05	L0507237-02	8082	AROCLOR 1248	0.12	U	ug/l	n	0.5	0.12	1
8-GW01-02	29-Jun-05	L0507237-02	8082	AROCLOR 1254	0.06	U	ug/l	n	0.5	0.06	1
8-GW01-02	29-Jun-05	L0507237-02	8082	AROCLOR 1260	0.02	U	ug/l	n	0.5	0.02	1
8-GW01-02	29-Jun-05	L0507237-02	8082	AROCLOR 1268	0.05	U	ug/l	n	0.5	0.05	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	DELTA-BHC	0.002	U	ug/l	n	0.02	0.002	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	LINDANE	0.003	U	ug/l	n	0.02	0.003	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	ALPHA-BHC	0.003	U	ug/l	n	0.02	0.003	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	BETA-BHC	0.005	U	ug/l	n	0.02	0.005	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	HEPTACHLOR	0.004	U	ug/l	n	0.02	0.004	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	ALDRIN	0.004	U	ug/l	n	0.02	0.004	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	HEPTACHLOR EPOXIDE	0.004	U	ug/l	n	0.02	0.004	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	ENDRIN	0.01	U	ug/l	n	0.04	0.01	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	ENDRIN ALDEHYDE	0.009	U	ug/l	n	0.04	0.009	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	ENDRIN KETONE	0.007	U	ug/l	n	0.04	0.007	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	DIELDRIN	0.008	U	ug/l	n	0.04	0.008	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	4,4'-DDE	0.007	U	ug/l	n	0.04	0.007	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	4,4'-DDD	0.014	U	ug/l	n	0.04	0.014	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	4,4'-DDT	0.007	U	ug/l	n	0.04	0.007	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	ENDOSULFAN I	0.005	UJ	ug/l	n	0.02	0.005	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	ENDOSULFAN II	0.014	U	ug/l	n	0.04	0.014	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	ENDOSULFAN SULFATE	0.009	U	ug/l	n	0.04	0.009	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	METHOXYCHLOR	0.04	U	ug/l	n	0.2	0.04	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	TOXAPHENE	0.075	U	ug/l	n	0.5	0.075	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	HEXACHLOROBENZENE	0.002	U	ug/l	n	0.2	0.002	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	CIS-CHLORDANE	0.004	U	ug/l	n	0.02	0.004	1
8-GW01-02	29-Jun-05	L0507237-02	8081A	TRANS-CHLORDANE	0.004	U	ug/l	n	0.02	0.004	1
8-GW01-02	29-Jun-05	L0507237-02	4500NO3-F	NITROGEN, NITRATE	0.036	J	mg/l	y	0.1	0.006	1
8-GW01-02	29-Jun-05	L0507237-02	9038	SULFATE	1300		mg/l	y	500	71	50
8-GW01-02	29-Jun-05	L0507237-02	2340B	HARDNESS	635	ZZZ	mg/l	y	1.7	0.021	1
8-GW01-02	29-Jun-05	L0507237-02	2340B	HARDNESS	3000		mg/l	y	170	2.1	100
8-GW01-02	29-Jun-05	L0507237-02	6010B	ALUMINUM, TOTAL	0.027	U	mg/l	y	0.1	0.0065	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	ANTIMONY, TOTAL	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	ARSENIC, TOTAL	0.0026	U	mg/l	n	0.004	0.0026	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	BARIUM, TOTAL	0.07		mg/l	y	0.01	0.0002	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	BERYLLIUM, TOTAL	0.0001	U	mg/l	n	0.004	0.0001	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	CADMIUM, TOTAL	0.0001	U	mg/l	n	0.005	0.0001	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	CALCIUM, TOTAL	90	ZZZ	mg/l	y	0.1	0.0058	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	CALCIUM, TOTAL	190		mg/l	y	10	0.58	100
8-GW01-02	29-Jun-05	L0507237-02	6010B	CHROMIUM, TOTAL	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	COBALT, TOTAL	0.001	J	mg/l	y	0.02	0.0007	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW01-02	29-Jun-05	L0507237-02	6010B	COPPER, TOTAL	0.02		mg/l	y	0.01	0.0008	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	IRON, TOTAL	0.18		mg/l	y	0.05	0.0099	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	LEAD, TOTAL	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	MAGNESIUM, TOTAL	100	ZZZ	mg/l	y	0.1	0.0056	1
8-GW01-02	29-Jun-05	L0507237-02	6010B	MAGNESIUM, TOTAL	610		mg/l	y	10	0.56	100
8-GW02D-02	28-Jun-05	L0507237-03	8270C	DI-N-BUTYLPHTHALATE	0.48	U	ug/l	n	4.8	0.48	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	DI-N-OCTYLPHTHALATE	0.52	U	ug/l	n	4.8	0.52	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	DIETHYL PHTHALATE	1.5	U	ug/l	n	4.8	1.5	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	DIMETHYL PHTHALATE	1.5	U	ug/l	n	4.8	1.5	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	4-CHLOROANILINE	1.4	U	ug/l	n	4.8	1.4	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	2-NITROANILINE	1.1	U	ug/l	n	4.8	1.1	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	3-NITROANILINE	1.1	U	ug/l	n	4.8	1.1	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	4-NITROANILINE	1.2	U	ug/l	n	6.7	1.2	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	DIBENZOFURAN	0.88	U	ug/l	n	4.8	0.88	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	2,4,6-TRICHLOROPHENOL	1.2	U	ug/l	n	4.8	1.2	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	P-CHLORO-M-CRESOL	1.4	U	ug/l	n	4.8	1.4	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	2-CHLOROPHENOL	1.7	U	ug/l	n	5.8	1.7	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	2,4-DICHLOROPHENOL	2	U	ug/l	n	9.6	2	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	2,4-DIMETHYLPHENOL	2.9	UJ	ug/l	n	9.6	2.9	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	2-NITROPHENOL	2.2	U	ug/l	n	19	2.2	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	4-NITROPHENOL	1.6	U	ug/l	n	9.6	1.6	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	2,4-DINITROPHENOL	1	U	ug/l	n	19	1	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	4,6-DINITRO-O-CRESOL	1.4	U	ug/l	n	19	1.4	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	PENTACHLOROPHENOL	1.5	U	ug/l	n	19	1.5	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	PHENOL	1.1	U	ug/l	n	6.7	1.1	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	2-METHYLPHENOL	1.4	U	ug/l	n	5.8	1.4	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	3-METHYLPHENOL/4-METHYLPHENOL	1.5	U	ug/l	n	5.8	1.5	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	2,4,5-TRICHLOROPHENOL	0.92	U	ug/l	n	4.8	0.92	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	BENZOIC ACID	0.95	U	ug/l	n	48	0.95	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	CARBAZOLE	6.2		ug/l	y	4.8	1.5	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	ACENAPHTHENE	3		ug/l	y	0.19	0.034	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	2-CHLORONAPHTHALENE	0.045	J	ug/l	y	0.19	0.04	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	FLUORANTHENE	1.7	J	ug/l	y	0.19	0.038	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	NAPHTHALENE	4.2		ug/l	y	0.19	0.03	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	BENZO(A)ANTHRACENE	0.086	J	ug/l	y	0.19	0.036	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	BENZO(A)PYRENE	0.038	UJ	ug/l	n	0.19	0.038	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	BENZO(B)FLUORANTHENE	0.048	U	ug/l	n	0.19	0.048	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	BENZO(K)FLUORANTHENE	0.034	UJ	ug/l	n	0.19	0.034	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	CHRYSENE	0.094	J	ug/l	y	0.19	0.023	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	ACENAPHTHYLENE	0.029	UJ	ug/l	n	0.19	0.029	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	ANTHRACENE	0.65	J	ug/l	y	0.19	0.047	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	BENZO(GHI)PERYLENE	0.024	U	ug/l	n	0.24	0.024	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	FLUORENE	1.8		ug/l	y	0.19	0.023	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	PHENANTHRENE	2.9		ug/l	y	0.19	0.03	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	DIBENZO(A,H)ANTHRACENE	0.016	U	ug/l	n	0.19	0.016	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	INDENO(1,2,3-CD)PYRENE	0.025	U	ug/l	n	0.19	0.025	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	PYRENE	1.2	J	ug/l	y	0.19	0.044	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW02D-02	28-Jun-05	L0507237-03	8270C-SIM	2-METHYLNAPHTHALENE	0.79		ug/l	y	0.19	0.034	1
8-GW02D-02	28-Jun-05	L0507237-03	8082	AROCLOR 1221	0.07	U	ug/l	n	0.5	0.07	1
8-GW02D-02	28-Jun-05	L0507237-03	8082	AROCLOR 1232	0.15	U	ug/l	n	0.5	0.15	1
8-GW02D-02	28-Jun-05	L0507237-03	8082	AROCLOR 1242/1016	0.05	U	ug/l	n	0.5	0.05	1
8-GW02D-02	28-Jun-05	L0507237-03	8082	AROCLOR 1248	0.12	U	ug/l	n	0.5	0.12	1
8-GW02D-02	28-Jun-05	L0507237-03	8082	AROCLOR 1254	0.06	U	ug/l	n	0.5	0.06	1
8-GW02D-02	28-Jun-05	L0507237-03	8082	AROCLOR 1260	0.02	U	ug/l	n	0.5	0.02	1
8-GW02D-02	28-Jun-05	L0507237-03	8082	AROCLOR 1268	0.05	U	ug/l	n	0.5	0.05	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	DELTA-BHC	0.002	U	ug/l	n	0.02	0.002	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	LINDANE	0.003	U	ug/l	n	0.02	0.003	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	ALPHA-BHC	0.003	U	ug/l	n	0.02	0.003	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	BETA-BHC	0.005	U	ug/l	n	0.02	0.005	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	HEPTACHLOR	0.004	U	ug/l	n	0.02	0.004	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	ALDRIN	0.004	U	ug/l	n	0.02	0.004	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	HEPTACHLOR EPOXIDE	0.004	U	ug/l	n	0.02	0.004	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	ENDRIN	0.01	U	ug/l	n	0.04	0.01	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	ENDRIN ALDEHYDE	0.009	U	ug/l	n	0.04	0.009	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	ENDRIN KETONE	0.007	U	ug/l	n	0.04	0.007	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	DIELDRIN	0.008	U	ug/l	n	0.04	0.008	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	4,4'-DDE	0.007	U	ug/l	n	0.04	0.007	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	4,4'-DDD	0.014	U	ug/l	n	0.04	0.014	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	4,4'-DDT	0.007	U	ug/l	n	0.04	0.007	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	ENDOSULFAN I	0.005	UJ	ug/l	n	0.02	0.005	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	ENDOSULFAN II	0.014	U	ug/l	n	0.04	0.014	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	ENDOSULFAN SULFATE	0.009	U	ug/l	n	0.04	0.009	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	METHOXYCHLOR	0.04	U	ug/l	n	0.2	0.04	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	TOXAPHENE	0.075	U	ug/l	n	0.5	0.075	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	HEXACHLOROBENZENE	0.002	U	ug/l	n	0.2	0.002	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	CIS-CHLORDANE	0.004	U	ug/l	n	0.02	0.004	1
8-GW02D-02	28-Jun-05	L0507237-03	8081A	TRANS-CHLORDANE	0.004	U	ug/l	n	0.02	0.004	1
8-GW02D-02	28-Jun-05	L0507237-03	4500NO3-F	NITROGEN, NITRATE	0.089	J	mg/l	y	0.1	0.006	1
8-GW02D-02	28-Jun-05	L0507237-03	9038	SULFATE	280		mg/l	y	100	14	10
8-GW02D-02	28-Jun-05	L0507237-03	2340B	HARDNESS	635	ZZZ	mg/l	y	1.7	0.021	1
8-GW02D-02	28-Jun-05	L0507237-03	2340B	HARDNESS	1900		mg/l	y	170	2.1	100
8-GW02D-02	28-Jun-05	L0507237-03	6010B	ALUMINUM, TOTAL	0.0065	U	mg/l	n	0.1	0.0065	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	ANTIMONY, TOTAL	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	ARSENIC, TOTAL	0.018		mg/l	y	0.004	0.0026	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	BARIUM, TOTAL	0.1		mg/l	y	0.01	0.0002	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	BERYLLIUM, TOTAL	0.0001	U	mg/l	n	0.004	0.0001	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	CADMIUM, TOTAL	0.0001	U	mg/l	n	0.005	0.0001	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	CALCIUM, TOTAL	90	ZZZ	mg/l	y	0.1	0.0058	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	CALCIUM, TOTAL	130		mg/l	y	10	0.58	100
8-GW02D-02	28-Jun-05	L0507237-03	6010B	CHROMIUM, TOTAL	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	COBALT, TOTAL	0.001	J	mg/l	y	0.02	0.0007	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	COPPER, TOTAL	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	IRON, TOTAL	4.7		mg/l	y	0.05	0.0099	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	LEAD, TOTAL	0.0013	U	mg/l	n	0.01	0.0013	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW02D-02	28-Jun-05	L0507237-03	6010B	MAGNESIUM, TOTAL	100	ZZZ	mg/l	y	0.1	0.0056	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	MAGNESIUM, TOTAL	370		mg/l	y	10	0.56	100
8-GW02D-02	28-Jun-05	L0507237-03	6010B	MANGANESE, TOTAL	0.31		mg/l	y	0.01	0.0002	1
8-GW02D-02	28-Jun-05	L0507237-03	7470A	MERCURY, TOTAL	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	MOLYBDENUM, TOTAL	0.011	J	mg/l	y	0.05	0.0009	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	NICKEL, TOTAL	0.0023	U	mg/l	y	0.025	0.0007	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	POTASSIUM, TOTAL	100	ZZZ	mg/l	y	2.5	0.056	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	POTASSIUM, TOTAL	270		mg/l	y	250	5.6	100
8-GW02D-02	28-Jun-05	L0507237-03	6010B	SELENIUM, TOTAL	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	SILVER, TOTAL	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	SODIUM, TOTAL	100	ZZZ	mg/l	y	2	0.076	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	SODIUM, TOTAL	4100		mg/l	y	200	7.6	100
8-GW02D-02	28-Jun-05	L0507237-03	6010B	THALLIUM, TOTAL	0.0024	U	mg/l	y	0.005	0.0013	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	VANADIUM, TOTAL	0.0007	U	mg/l	n	0.01	0.0007	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	ZINC, TOTAL	0.0025	U	mg/l	n	0.05	0.0025	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	ALUMINUM, DISSOLVED	0.0065	U	mg/l	n	0.1	0.0065	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	ANTIMONY, DISSOLVED	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	ARSENIC, DISSOLVED	0.017		mg/l	y	0.004	0.0026	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	BARIUM, DISSOLVED	0.09		mg/l	y	0.01	0.0002	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	BERYLLIUM, DISSOLVED	0.0001	U	mg/l	n	0.004	0.0001	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	CADMIUM, DISSOLVED	0.0001	U	mg/l	n	0.005	0.0001	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	CALCIUM, DISSOLVED	90	ZZZ	mg/l	y	0.1	0.0058	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	CALCIUM, DISSOLVED	120		mg/l	y	10	0.58	100
8-GW02D-02	28-Jun-05	L0507237-03	6010B	CHROMIUM, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	COBALT, DISSOLVED	0.001	J	mg/l	y	0.02	0.0007	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	COPPER, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	IRON, DISSOLVED	3.8		mg/l	y	0.05	0.0099	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	LEAD, DISSOLVED	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	MAGNESIUM, DISSOLVED	100	ZZZ	mg/l	y	0.1	0.0056	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	MAGNESIUM, DISSOLVED	360		mg/l	y	10	0.56	100
8-GW02D-02	28-Jun-05	L0507237-03	6010B	MANGANESE, DISSOLVED	0.32		mg/l	y	0.01	0.0002	1
8-GW02D-02	28-Jun-05	L0507237-03	7470A	MERCURY, DISSOLVED	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	MOLYBDENUM, DISSOLVED	0.011	J	mg/l	y	0.05	0.0009	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	NICKEL, DISSOLVED	0.0022	U	mg/l	y	0.025	0.0007	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	POTASSIUM, DISSOLVED	100	ZZZ	mg/l	y	2.5	0.056	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	POTASSIUM, DISSOLVED	260		mg/l	y	250	5.6	100
8-GW02D-02	28-Jun-05	L0507237-03	6010B	SELENIUM, DISSOLVED	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	SILVER, DISSOLVED	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	SODIUM, DISSOLVED	100	ZZZ	mg/l	y	2	0.076	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	SODIUM, DISSOLVED	3800		mg/l	y	200	7.6	100
8-GW02D-02	28-Jun-05	L0507237-03	6010B	THALLIUM, DISSOLVED	0.0042	U	mg/l	y	0.005	0.0013	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	VANADIUM, DISSOLVED	0.0007	U	mg/l	n	0.01	0.0007	1
8-GW02D-02	28-Jun-05	L0507237-03	6010B	ZINC, DISSOLVED	0.0025	U	mg/l	n	0.05	0.0025	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	METHYLENE CHLORIDE	0.37	UJ	ug/l	n	5	0.37	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,1-DICHLOROETHANE	0.19	UJ	ug/l	n	0.75	0.19	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	CHLOROFORM	0.14	U	ug/l	n	0.75	0.14	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	CARBON TETRACHLORIDE	0.38	U	ug/l	n	0.5	0.38	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,2-DICHLOROPROPANE	0.24	U	ug/l	n	1.8	0.24	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	DIBROMOCHLOROMETHANE	0.19	U	ug/l	n	0.5	0.19	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,1,2-TRICHLOROETHANE	0.16	U	ug/l	n	0.75	0.16	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	TETRACHLOROETHENE	4.9		ug/l	y	0.5	0.43	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	CHLOROBENZENE	0.32	U	ug/l	n	0.5	0.32	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	TRICHLOROFLUOROMETHANE	0.29	U	ug/l	n	2.5	0.29	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,2-DICHLOROETHANE	0.14	U	ug/l	n	0.5	0.14	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,1,1-TRICHLOROETHANE	0.25	U	ug/l	n	0.5	0.25	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	BROMODICHLOROMETHANE	0.24	U	ug/l	n	0.5	0.24	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	TRANS-1,3-DICHLOROPROPENE	0.24	U	ug/l	n	0.5	0.24	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	CIS-1,3-DICHLOROPROPENE	0.13	U	ug/l	n	0.5	0.13	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,1-DICHLOROPROPENE	0.34	U	ug/l	n	2.5	0.34	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	BROMOFORM	1.1	U	ug/l	n	2	1.1	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,1,2,2-TETRACHLOROETHANE	0.29	U	ug/l	n	0.5	0.29	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	BENZENE	0.29	UJ	ug/l	n	0.5	0.29	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	TOLUENE	0.31	U	ug/l	n	0.75	0.31	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	ETHYLBENZENE	1.3		ug/l	y	0.5	0.28	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	CHLOROMETHANE	0.12	U	ug/l	n	2.5	0.12	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	BROMOMETHANE	0.36	UJ	ug/l	n	1	0.36	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	VINYL CHLORIDE	1.2		ug/l	y	1	0.27	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	CHLOROETHANE	0.36	U	ug/l	n	1	0.36	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,1-DICHLOROETHENE	0.38	U	ug/l	n	0.5	0.38	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	TRANS-1,2-DICHLOROETHENE	4.3	J	ug/l	y	0.75	0.34	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	TRICHLOROETHENE	4.7		ug/l	y	0.5	0.34	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,2-DICHLOROBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,3-DICHLOROBENZENE	0.2	U	ug/l	n	2.5	0.2	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,4-DICHLOROBENZENE	0.23	U	ug/l	n	2.5	0.23	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	METHYL TERT BUTYL ETHER	0.12	U	ug/l	n	1	0.12	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	P/M-XYLENE	1.4		ug/l	y	1	0.39	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	O-XYLENE	0.3	U	ug/l	n	1	0.3	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	CIS-1,2-DICHLOROETHENE	19		ug/l	y	0.5	0.18	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	DIBROMOMETHANE	0.19	U	ug/l	n	5	0.19	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,2,3-TRICHLOROPROPANE	0.23	U	ug/l	n	5	0.23	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	STYRENE	0.44	U	ug/l	n	1	0.44	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	DICHLORODIFLUOROMETHANE	0.3	U	ug/l	n	5	0.3	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	ACETONE	1.5	UJ	ug/l	n	5	1.5	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	CARBON DISULFIDE	0.27	UJ	ug/l	n	5	0.27	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	2-BUTANONE	1.7	UJ	ug/l	n	5	1.7	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	4-METHYL-2-PENTANONE	0.4	U	ug/l	n	5	0.4	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	2-HEXANONE	1.8	UJ	ug/l	n	5	1.8	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	BROMOCHLOROMETHANE	0.19	UJ	ug/l	n	2.5	0.19	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	2,2-DICHLOROPROPANE	0.63	U	ug/l	n	2.5	0.63	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,2-DIBROMOETHANE	0.23	U	ug/l	n	2	0.23	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,3-DICHLOROPROPANE	0.17	U	ug/l	n	2.5	0.17	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,1,1,2-TETRACHLOROETHANE	0.31	U	ug/l	n	0.5	0.31	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	BROMOBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	N-BUTYLBENZENE	0.41	U	ug/l	n	0.5	0.41	1

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW02D-02	28-Jun-05	L0507237-03	8260B	SEC-BUTYLBENZENE	0.4	U	ug/l	n	0.5	0.4	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	TERT-BUTYLBENZENE	0.29	U	ug/l	n	2.5	0.29	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	O-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	P-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,2-DIBROMO-3-CHLOROPROPANE	1.6	U	ug/l	n	2.5	1.6	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	HEXACHLOROBUTADIENE	0.43	U	ug/l	n	1	0.43	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	ISOPROPYLBENZENE	0.26	U	ug/l	n	0.5	0.26	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	P-ISOPROPYLTOLUENE	0.33	U	ug/l	n	0.5	0.33	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	NAPHTHALENE	9.6		ug/l	y	2.5	0.41	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	N-PROPYLBENZENE	0.32	U	ug/l	n	0.5	0.32	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,2,3-TRICHLOROBENZENE	0.38	U	ug/l	n	2.5	0.38	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,2,4-TRICHLOROBENZENE	0.28	U	ug/l	n	2.5	0.28	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,3,5-TRIMETHYLBENZENE	0.56	J	ug/l	y	2.5	0.27	1
8-GW02D-02	28-Jun-05	L0507237-03	8260B	1,2,4-TRIMETHYLBENZENE	1	J	ug/l	y	2.5	0.25	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	1,2,4-TRICHLOROBENZENE	1.2	U	ug/l	n	4.8	1.2	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	HEXACHLOROBENZENE	1.5	U	ug/l	n	4.8	1.5	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	BIS(2-CHLOROETHYL)ETHER	1.3	U	ug/l	n	4.8	1.3	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	1,2-DICHLOROBENZENE	1	U	ug/l	n	4.8	1	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	1,3-DICHLOROBENZENE	1	U	ug/l	n	4.8	1	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	1,4-DICHLOROBENZENE	0.92	U	ug/l	n	4.8	0.92	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	3,3'-DICHLOROBENZIDINE	2.4	U	ug/l	n	48	2.4	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	2,4-DINITROTOLUENE	0.46	U	ug/l	n	5.8	0.46	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	2,6-DINITROTOLUENE	0.92	UJ	ug/l	n	4.8	0.92	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	4-CHLOROPHENYL PHENYL ETHER	0.92	U	ug/l	n	4.8	0.92	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	4-BROMOPHENYL PHENYL ETHER	0.95	U	ug/l	n	4.8	0.95	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	BIS(2-CHLOROISOPROPYL)ETHER	2.1	U	ug/l	n	4.8	2.1	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	BIS(2-CHLOROETHOXY)METHANE	1.5	U	ug/l	n	4.8	1.5	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	HEXACHLOROBUTADIENE	2	U	ug/l	n	9.6	2	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	HEXACHLOROETHANE	0.93	U	ug/l	n	4.8	0.93	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	ISOPHORONE	1.5	U	ug/l	n	4.8	1.5	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	NITROBENZENE	1.5	U	ug/l	n	4.8	1.5	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	NITROSODIPHENYLAMINE(NDPA)/DPA	4	U	ug/l	n	14	4	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	N-NITROSODI-N-PROPYLAMINE	1.6	U	ug/l	n	4.8	1.6	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	BIS(2-ETHYLHEXYL)PHTHALATE	1.6	U	ug/l	n	9.6	1.6	1
8-GW02D-02	28-Jun-05	L0507237-03	8270C	BUTYL BENZYL PHTHALATE	0.64	U	ug/l	n	4.8	0.64	1
8-GW02S-02	28-Jun-05	L0507237-04	4500NO3-F	NITROGEN, NITRATE	0.06	J	mg/l	y	0.1	0.006	1
8-GW02S-02	28-Jun-05	L0507237-04	9038	SULFATE	270		mg/l	y	100	14	10
8-GW02S-02	28-Jun-05	L0507237-04	2340B	HARDNESS	635	ZZZ	mg/l	y	1.7	0.021	1
8-GW02S-02	28-Jun-05	L0507237-04	2340B	HARDNESS	1700		mg/l	y	33	0.42	20
8-GW02S-02	28-Jun-05	L0507237-04	6010B	ALUMINUM, TOTAL	0.11		mg/l	y	0.1	0.0065	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	ANTIMONY, TOTAL	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	ARSENIC, TOTAL	0.003	J	mg/l	y	0.004	0.0026	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	BARIUM, TOTAL	0.84		mg/l	y	0.01	0.0002	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	BERYLLIUM, TOTAL	0.0001	U	mg/l	n	0.004	0.0001	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	CADMIUM, TOTAL	0.0001	U	mg/l	n	0.005	0.0001	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	CALCIUM, TOTAL	90	ZZZ	mg/l	y	0.1	0.0058	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	CALCIUM, TOTAL	330		mg/l	y	2	0.12	20

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW02S-02	28-Jun-05	L0507237-04	6010B	CHROMIUM, TOTAL	0.003	J	mg/l	y	0.01	0.0008	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	COBALT, TOTAL	0.001	J	mg/l	y	0.02	0.0007	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	COPPER, TOTAL	0.002	J	mg/l	y	0.01	0.0008	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	IRON, TOTAL	3.8		mg/l	y	0.05	0.0099	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	LEAD, TOTAL	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	MAGNESIUM, TOTAL	100	ZZZ	mg/l	y	0.1	0.0056	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	MAGNESIUM, TOTAL	210		mg/l	y	2	0.11	20
8-GW02S-02	28-Jun-05	L0507237-04	6010B	MANGANESE, TOTAL	1.2		mg/l	y	0.01	0.0002	1
8-GW02S-02	28-Jun-05	L0507237-04	7470A	MERCURY, TOTAL	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	MOLYBDENUM, TOTAL	0.002	U	mg/l	y	0.05	0.0009	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	NICKEL, TOTAL	0.002	U	mg/l	y	0.025	0.0007	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	POTASSIUM, TOTAL	100	ZZZ	mg/l	y	2.5	0.056	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	POTASSIUM, TOTAL	130		mg/l	y	50	1.1	20
8-GW02S-02	28-Jun-05	L0507237-04	6010B	SELENIUM, TOTAL	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	SILVER, TOTAL	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	SODIUM, TOTAL	100	ZZZ	mg/l	y	2	0.076	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	SODIUM, TOTAL	1600		mg/l	y	40	1.5	20
8-GW02S-02	28-Jun-05	L0507237-04	6010B	THALLIUM, TOTAL	0.0023	U	mg/l	y	0.005	0.0013	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	VANADIUM, TOTAL	0.001	J	mg/l	y	0.01	0.0007	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	ZINC, TOTAL	0.013	J	mg/l	y	0.05	0.0025	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	ALUMINUM, DISSOLVED	0.0065	U	mg/l	n	0.1	0.0065	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	ANTIMONY, DISSOLVED	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	ARSENIC, DISSOLVED	0.003	J	mg/l	y	0.004	0.0026	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	BARIUM, DISSOLVED	0.8		mg/l	y	0.01	0.0002	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	BERYLLIUM, DISSOLVED	0.0001	U	mg/l	n	0.004	0.0001	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	CADMIUM, DISSOLVED	0.0001	U	mg/l	n	0.005	0.0001	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	CALCIUM, DISSOLVED	90	ZZZ	mg/l	y	0.1	0.0058	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	CALCIUM, DISSOLVED	300		mg/l	y	2	0.12	20
8-GW02S-02	28-Jun-05	L0507237-04	6010B	CHROMIUM, DISSOLVED	0.001	J	mg/l	y	0.01	0.0008	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	COBALT, DISSOLVED	0.001	J	mg/l	y	0.02	0.0007	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	COPPER, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	IRON, DISSOLVED	2.8		mg/l	y	0.05	0.0099	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	LEAD, DISSOLVED	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	MAGNESIUM, DISSOLVED	100	ZZZ	mg/l	y	0.1	0.0056	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	MAGNESIUM, DISSOLVED	190		mg/l	y	2	0.11	20
8-GW02S-02	28-Jun-05	L0507237-04	6010B	MANGANESE, DISSOLVED	1.1		mg/l	y	0.01	0.0002	1
8-GW02S-02	28-Jun-05	L0507237-04	7470A	MERCURY, DISSOLVED	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	MOLYBDENUM, DISSOLVED	0.002	U	mg/l	y	0.05	0.0009	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	NICKEL, DISSOLVED	0.0021	U	mg/l	y	0.025	0.0007	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	POTASSIUM, DISSOLVED	100	ZZZ	mg/l	y	2.5	0.056	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	POTASSIUM, DISSOLVED	120		mg/l	y	50	1.1	20
8-GW02S-02	28-Jun-05	L0507237-04	6010B	SELENIUM, DISSOLVED	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	SILVER, DISSOLVED	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	SODIUM, DISSOLVED	100	ZZZ	mg/l	y	2	0.076	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	SODIUM, DISSOLVED	1400		mg/l	y	40	1.5	20
8-GW02S-02	28-Jun-05	L0507237-04	6010B	THALLIUM, DISSOLVED	0.0018	U	mg/l	y	0.005	0.0013	1
8-GW02S-02	28-Jun-05	L0507237-04	6010B	VANADIUM, DISSOLVED	0.0007	U	mg/l	n	0.01	0.0007	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW02S-02	28-Jun-05	L0507237-04	6010B	ZINC, DISSOLVED	0.007	J	mg/l	y	0.05	0.0025	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	METHYLENE CHLORIDE	0.37	UJ	ug/l	n	5	0.37	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,1-DICHLOROETHANE	0.19	UJ	ug/l	n	0.75	0.19	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	CHLOROFORM	0.14	U	ug/l	n	0.75	0.14	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	CARBON TETRACHLORIDE	0.38	U	ug/l	n	0.5	0.38	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,2-DICHLOROPROPANE	0.24	U	ug/l	n	1.8	0.24	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	DIBROMOCHLOROMETHANE	0.19	U	ug/l	n	0.5	0.19	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,1,2-TRICHLOROETHANE	0.16	U	ug/l	n	0.75	0.16	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	TETRACHLOROETHENE	0.43	U	ug/l	n	0.5	0.43	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	CHLOROBENZENE	0.32	U	ug/l	n	0.5	0.32	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	TRICHLOROFLUOROMETHANE	0.29	U	ug/l	n	2.5	0.29	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,2-DICHLOROETHANE	0.14	U	ug/l	n	0.5	0.14	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,1,1-TRICHLOROETHANE	0.25	U	ug/l	n	0.5	0.25	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	BROMODICHLOROMETHANE	0.24	U	ug/l	n	0.5	0.24	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	TRANS-1,3-DICHLOROPROPENE	0.24	U	ug/l	n	0.5	0.24	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	CIS-1,3-DICHLOROPROPENE	0.13	U	ug/l	n	0.5	0.13	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,1-DICHLOROPROPENE	0.34	U	ug/l	n	2.5	0.34	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	BROMOFORM	1.1	U	ug/l	n	2	1.1	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,1,2,2-TETRACHLOROETHANE	0.29	U	ug/l	n	0.5	0.29	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	BENZENE	0.99	J	ug/l	y	0.5	0.29	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	TOLUENE	0.77		ug/l	y	0.75	0.31	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	ETHYLBENZENE	23		ug/l	y	0.5	0.28	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	CHLOROMETHANE	0.12	U	ug/l	n	2.5	0.12	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	BROMOMETHANE	0.36	UJ	ug/l	n	1	0.36	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	VINYL CHLORIDE	0.27	U	ug/l	n	1	0.27	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	CHLOROETHANE	0.36	U	ug/l	n	1	0.36	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,1-DICHLOROETHENE	0.38	U	ug/l	n	0.5	0.38	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	TRANS-1,2-DICHLOROETHENE	0.34	UJ	ug/l	n	0.75	0.34	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	TRICHLOROETHENE	0.34	U	ug/l	n	0.5	0.34	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,2-DICHLOROBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,3-DICHLOROBENZENE	0.2	U	ug/l	n	2.5	0.2	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,4-DICHLOROBENZENE	0.23	U	ug/l	n	2.5	0.23	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	METHYL TERT BUTYL ETHER	0.12	U	ug/l	n	1	0.12	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	P/M-XYLENE	32		ug/l	y	1	0.39	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	O-XYLENE	16		ug/l	y	1	0.3	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	CIS-1,2-DICHLOROETHENE	0.18	U	ug/l	n	0.5	0.18	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	DIBROMOMETHANE	0.19	U	ug/l	n	5	0.19	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,2,3-TRICHLOROPROPANE	0.23	U	ug/l	n	5	0.23	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	STYRENE	0.44	U	ug/l	n	1	0.44	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	DICHLORODIFLUOROMETHANE	0.57	J	ug/l	y	5	0.3	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	ACETONE	1.5	UJ	ug/l	n	5	1.5	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	CARBON DISULFIDE	0.27	UJ	ug/l	n	5	0.27	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	2-BUTANONE	1.7	UJ	ug/l	n	5	1.7	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	4-METHYL-2-PENTANONE	0.4	U	ug/l	n	5	0.4	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	2-HEXANONE	1.8	UJ	ug/l	n	5	1.8	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	BROMOCHLOROMETHANE	0.19	UJ	ug/l	n	2.5	0.19	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	2,2-DICHLOROPROPANE	0.63	U	ug/l	n	2.5	0.63	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,2-DIBROMOETHANE	0.23	U	ug/l	n	2	0.23	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,3-DICHLOROPROPANE	0.17	U	ug/l	n	2.5	0.17	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,1,1,2-TETRACHLOROETHANE	0.31	U	ug/l	n	0.5	0.31	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	BROMOBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	N-BUTYLBENZENE	1.1		ug/l	y	0.5	0.41	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	SEC-BUTYLBENZENE	0.81		ug/l	y	0.5	0.4	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	TERT-BUTYLBENZENE	0.41	J	ug/l	y	2.5	0.29	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	O-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	P-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,2-DIBROMO-3-CHLOROPROPANE	1.6	U	ug/l	n	2.5	1.6	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	HEXACHLOROBUTADIENE	0.43	U	ug/l	n	1	0.43	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	ISOPROPYLBENZENE	2.4		ug/l	y	0.5	0.26	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	P-ISOPROPYLTOLUENE	5.1		ug/l	y	0.5	0.33	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	NAPHTHALENE	10		ug/l	y	2.5	0.41	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	N-PROPYLBENZENE	2.3		ug/l	y	0.5	0.32	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,2,3-TRICHLOROBENZENE	0.38	U	ug/l	n	2.5	0.38	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,2,4-TRICHLOROBENZENE	0.28	U	ug/l	n	2.5	0.28	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,3,5-TRIMETHYLBENZENE	5.6		ug/l	y	2.5	0.27	1
8-GW02S-02	28-Jun-05	L0507237-04	8260B	1,2,4-TRIMETHYLBENZENE	20		ug/l	y	2.5	0.25	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	1,2,4-TRICHLOROBENZENE	1.2	U	ug/l	n	4.8	1.2	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	HEXACHLOROBENZENE	1.6	U	ug/l	n	4.8	1.6	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	BIS(2-CHLOROETHYL)ETHER	1.3	U	ug/l	n	4.8	1.3	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	1,2-DICHLOROBENZENE	1.1	U	ug/l	n	4.8	1.1	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	1,3-DICHLOROBENZENE	1	U	ug/l	n	4.8	1	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	1,4-DICHLOROBENZENE	0.93	U	ug/l	n	4.8	0.93	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	3,3'-DICHLOROBENZIDINE	2.5	U	ug/l	n	48	2.5	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	2,4-DINITROTOLUENE	0.46	U	ug/l	n	5.8	0.46	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	2,6-DINITROTOLUENE	0.93	UJ	ug/l	n	4.8	0.93	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	4-CHLOROPHENYL PHENYL ETHER	0.93	U	ug/l	n	4.8	0.93	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	4-BROMOPHENYL PHENYL ETHER	0.96	U	ug/l	n	4.8	0.96	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	BIS(2-CHLOROISOPROPYL)ETHER	2.1	U	ug/l	n	4.8	2.1	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	BIS(2-CHLOROETHOXY)METHANE	1.5	U	ug/l	n	4.8	1.5	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	HEXACHLOROBUTADIENE	2	U	ug/l	n	9.7	2	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	HEXACHLOROETHANE	0.94	U	ug/l	n	4.8	0.94	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	ISOPHORONE	1.6	U	ug/l	n	4.8	1.6	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	NITROBENZENE	1.5	U	ug/l	n	4.8	1.5	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	NITROSODIPHENYLAMINE(NDPA)/DPA	4.1	U	ug/l	n	14	4.1	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	N-NITROSODI-N-PROPYLAMINE	1.6	U	ug/l	n	4.8	1.6	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	BIS(2-ETHYLHEXYL)PHTHALATE	1.6	U	ug/l	n	9.7	1.6	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	BUTYL BENZYL PHTHALATE	0.65	U	ug/l	n	4.8	0.65	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	DI-N-BUTYLPHTHALATE	0.48	U	ug/l	n	4.8	0.48	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	DI-N-OCTYLPHTHALATE	0.52	U	ug/l	n	4.8	0.52	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	DIETHYL PHTHALATE	1.5	U	ug/l	n	4.8	1.5	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	DIMETHYL PHTHALATE	1.6	U	ug/l	n	4.8	1.6	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	4-CHLOROANILINE	1.4	U	ug/l	n	4.8	1.4	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	2-NITROANILINE	1.1	U	ug/l	n	4.8	1.1	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	3-NITROANILINE	1.1	U	ug/l	n	4.8	1.1	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW02S-02	28-Jun-05	L0507237-04	8270C	4-NITROANILINE	1.3	U	ug/l	n	6.8	1.3	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	DIBENZOFURAN	0.89	U	ug/l	n	4.8	0.89	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	2,4,6-TRICHLOROPHENOL	1.2	U	ug/l	n	4.8	1.2	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	P-CHLORO-M-CRESOL	1.4	U	ug/l	n	4.8	1.4	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	2-CHLOROPHENOL	1.7	U	ug/l	n	5.8	1.7	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	2,4-DICHLOROPHENOL	2	U	ug/l	n	9.7	2	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	2,4-DIMETHYLPHENOL	3	UJ	ug/l	n	9.7	3	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	2-NITROPHENOL	2.3	U	ug/l	n	19	2.3	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	4-NITROPHENOL	1.6	U	ug/l	n	9.7	1.6	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	2,4-DINITROPHENOL	1	U	ug/l	n	19	1	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	4,6-DINITRO-O-CRESOL	1.4	U	ug/l	n	19	1.4	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	PENTACHLOROPHENOL	1.5	U	ug/l	n	19	1.5	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	PHENOL	1.2	U	ug/l	n	6.8	1.2	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	2-METHYLPHENOL	1.5	U	ug/l	n	5.8	1.5	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	3-METHYLPHENOL/4-METHYLPHENOL	1.6	U	ug/l	n	5.8	1.6	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	2,4,5-TRICHLOROPHENOL	0.93	U	ug/l	n	4.8	0.93	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	BENZOIC ACID	0.96	U	ug/l	n	48	0.96	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C	CARBAZOLE	1.6	U	ug/l	n	4.8	1.6	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	ACENAPHTHENE	0.6		ug/l	y	0.19	0.035	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	2-CHLORONAPHTHALENE	0.041	UJ	ug/l	n	0.19	0.041	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	FLUORANTHENE	0.23	J	ug/l	y	0.19	0.039	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	NAPHTHALENE	0.03	U	ug/l	n	0.19	0.03	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	BENZO(A)ANTHRACENE	0.041	J	ug/l	y	0.19	0.037	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	BENZO(A)PYRENE	0.039	UJ	ug/l	n	0.19	0.039	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	BENZO(B)FLUORANTHENE	0.048	U	ug/l	n	0.19	0.048	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	BENZO(K)FLUORANTHENE	0.035	UJ	ug/l	n	0.19	0.035	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	CHRYSENE	0.039	J	ug/l	y	0.19	0.023	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	ACENAPHTHYLENE	0.029	UJ	ug/l	n	0.19	0.029	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	ANTHRACENE	0.09	J	ug/l	y	0.19	0.048	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	BENZO(GHI)PERYLENE	0.024	U	ug/l	n	0.24	0.024	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	FLUORENE	0.023	U	ug/l	n	0.19	0.023	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	PHENANTHRENE	0.048	J	ug/l	y	0.19	0.03	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	DIBENZO(A,H)ANTHRACENE	0.016	U	ug/l	n	0.19	0.016	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	INDENO(1,2,3-CD)PYRENE	0.025	U	ug/l	n	0.19	0.025	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	PYRENE	0.18	J	ug/l	y	0.19	0.044	1
8-GW02S-02	28-Jun-05	L0507237-04	8270C-SIM	2-METHYLNAPHTHALENE	0.035	U	ug/l	n	0.19	0.035	1
8-GW02S-02	28-Jun-05	L0507237-04	8082	AROCLOR 1221	0.07	U	ug/l	n	0.5	0.07	1
8-GW02S-02	28-Jun-05	L0507237-04	8082	AROCLOR 1232	0.15	U	ug/l	n	0.5	0.15	1
8-GW02S-02	28-Jun-05	L0507237-04	8082	AROCLOR 1242/1016	0.05	U	ug/l	n	0.5	0.05	1
8-GW02S-02	28-Jun-05	L0507237-04	8082	AROCLOR 1248	0.12	U	ug/l	n	0.5	0.12	1
8-GW02S-02	28-Jun-05	L0507237-04	8082	AROCLOR 1254	0.06	U	ug/l	n	0.5	0.06	1
8-GW02S-02	28-Jun-05	L0507237-04	8082	AROCLOR 1260	0.02	U	ug/l	n	0.5	0.02	1
8-GW02S-02	28-Jun-05	L0507237-04	8082	AROCLOR 1268	0.05	U	ug/l	n	0.5	0.05	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	DELTA-BHC	0.002	U	ug/l	n	0.02	0.002	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	LINDANE	0.003	U	ug/l	n	0.02	0.003	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	ALPHA-BHC	0.003	U	ug/l	n	0.02	0.003	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	BETA-BHC	0.005	U	ug/l	n	0.02	0.005	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW02S-02	28-Jun-05	L0507237-04	8081A	HEPTACHLOR	0.004	U	ug/l	n	0.02	0.004	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	ALDRIN	0.004	U	ug/l	n	0.02	0.004	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	HEPTACHLOR EPOXIDE	0.004	U	ug/l	n	0.02	0.004	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	ENDRIN	0.01	U	ug/l	n	0.04	0.01	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	ENDRIN ALDEHYDE	0.009	U	ug/l	n	0.04	0.009	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	ENDRIN KETONE	0.007	U	ug/l	n	0.04	0.007	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	DIELDRIN	0.008	U	ug/l	n	0.04	0.008	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	4,4'-DDE	0.007	U	ug/l	n	0.04	0.007	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	4,4'-DDD	0.0156	J	ug/l	y	0.04	0.014	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	4,4'-DDT	0.007	U	ug/l	n	0.04	0.007	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	ENDOSULFAN I	0.005	UJ	ug/l	n	0.02	0.005	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	ENDOSULFAN II	0.014	U	ug/l	n	0.04	0.014	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	ENDOSULFAN SULFATE	0.009	U	ug/l	n	0.04	0.009	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	METHOXYCHLOR	0.04	U	ug/l	n	0.2	0.04	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	TOXAPHENE	0.075	U	ug/l	n	0.5	0.075	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	HEXACHLOROBENZENE	0.002	U	ug/l	n	0.2	0.002	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	CIS-CHLORDANE	0.004	U	ug/l	n	0.02	0.004	1
8-GW02S-02	28-Jun-05	L0507237-04	8081A	TRANS-CHLORDANE	0.004	U	ug/l	n	0.02	0.004	1
8-GW062805	28-Jun-05	L0507237-05	6010B	THALLIUM, DISSOLVED	0.0014	U	mg/l	y	0.005	0.0013	1
8-GW062805	28-Jun-05	L0507237-05	6010B	VANADIUM, DISSOLVED	0.0007	U	mg/l	n	0.01	0.0007	1
8-GW062805	28-Jun-05	L0507237-05	6010B	ZINC, DISSOLVED	0.027	J	mg/l	y	0.05	0.0025	1
8-GW062805	28-Jun-05	L0507237-05	8260B	METHYLENE CHLORIDE	18	U	ug/l	n	250	18	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,1-DICHLOROETHANE	9.5	U	ug/l	n	38	9.5	50
8-GW062805	28-Jun-05	L0507237-05	8260B	CHLOROFORM	8.3	U	ug/l	y	38	7	50
8-GW062805	28-Jun-05	L0507237-05	8260B	CARBON TETRACHLORIDE	19	U	ug/l	n	25	19	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,2-DICHLOROPROPANE	12	U	ug/l	n	88	12	50
8-GW062805	28-Jun-05	L0507237-05	8260B	DIBROMOCHLOROMETHANE	9.5	U	ug/l	n	25	9.5	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,1,2-TRICHLOROETHANE	8	U	ug/l	n	38	8	50
8-GW062805	28-Jun-05	L0507237-05	8260B	TETRACHLOROETHENE	2800		ug/l	y	25	22	50
8-GW062805	28-Jun-05	L0507237-05	8260B	CHLOROBENZENE	16	U	ug/l	n	25	16	50
8-GW062805	28-Jun-05	L0507237-05	8260B	TRICHLOROFLUOROMETHANE	14	U	ug/l	n	120	14	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,2-DICHLOROETHANE	7	U	ug/l	n	25	7	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,1,1-TRICHLOROETHANE	12	U	ug/l	n	25	12	50
8-GW062805	28-Jun-05	L0507237-05	8260B	BROMODICHLOROMETHANE	12	U	ug/l	n	25	12	50
8-GW062805	28-Jun-05	L0507237-05	8260B	TRANS-1,3-DICHLOROPROPENE	12	U	ug/l	n	25	12	50
8-GW062805	28-Jun-05	L0507237-05	8260B	CIS-1,3-DICHLOROPROPENE	6.5	U	ug/l	n	25	6.5	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,1-DICHLOROPROPENE	17	U	ug/l	n	120	17	50
8-GW062805	28-Jun-05	L0507237-05	8260B	BROMOFORM	54	U	ug/l	n	100	54	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,1,2,2-TETRACHLOROETHANE	14	U	ug/l	n	25	14	50
8-GW062805	28-Jun-05	L0507237-05	8260B	BENZENE	14	U	ug/l	n	25	14	50
8-GW062805	28-Jun-05	L0507237-05	8260B	TOLUENE	16	U	ug/l	n	38	16	50
8-GW062805	28-Jun-05	L0507237-05	8260B	ETHYLBENZENE	14	UJ	ug/l	n	25	14	50
8-GW062805	28-Jun-05	L0507237-05	8260B	CHLOROMETHANE	6	U	ug/l	n	120	6	50
8-GW062805	28-Jun-05	L0507237-05	8260B	BROMOMETHANE	18	U	ug/l	n	50	18	50
8-GW062805	28-Jun-05	L0507237-05	8260B	VINYL CHLORIDE	14	U	ug/l	n	50	14	50
8-GW062805	28-Jun-05	L0507237-05	8260B	CHLOROETHANE	18	U	ug/l	n	50	18	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,1-DICHLOROETHENE	19	U	ug/l	n	25	19	50

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW062805	28-Jun-05	L0507237-05	8260B	TRANS-1,2-DICHLOROETHENE	17	U	ug/l	n	38	17	50
8-GW062805	28-Jun-05	L0507237-05	8260B	TRICHLOROETHENE	17	U	ug/l	n	25	17	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,2-DICHLOROBENZENE	7.5	U	ug/l	n	120	7.5	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,3-DICHLOROBENZENE	10	U	ug/l	n	120	10	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,4-DICHLOROBENZENE	12	U	ug/l	n	120	12	50
8-GW062805	28-Jun-05	L0507237-05	8260B	METHYL TERT BUTYL ETHER	6	U	ug/l	n	50	6	50
8-GW062805	28-Jun-05	L0507237-05	8260B	P/M-XYLENE	20	U	ug/l	n	50	20	50
8-GW062805	28-Jun-05	L0507237-05	8260B	O-XYLENE	15	U	ug/l	n	50	15	50
8-GW062805	28-Jun-05	L0507237-05	8260B	CIS-1,2-DICHLOROETHENE	9	U	ug/l	n	25	9	50
8-GW062805	28-Jun-05	L0507237-05	8260B	DIBROMOMETHANE	9.5	U	ug/l	n	250	9.5	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,2,3-TRICHLOROPROPANE	12	U	ug/l	n	250	12	50
8-GW062805	28-Jun-05	L0507237-05	8260B	STYRENE	22	U	ug/l	n	50	22	50
8-GW062805	28-Jun-05	L0507237-05	8260B	DICHLORODIFLUOROMETHANE	15	U	ug/l	n	250	15	50
8-GW062805	28-Jun-05	L0507237-05	8260B	ACETONE	74	UJ	ug/l	n	250	74	50
8-GW062805	28-Jun-05	L0507237-05	8260B	CARBON DISULFIDE	14	U	ug/l	n	250	14	50
8-GW062805	28-Jun-05	L0507237-05	8260B	2-BUTANONE	83	UJ	ug/l	n	250	83	50
8-GW062805	28-Jun-05	L0507237-05	8260B	4-METHYL-2-PENTANONE	20	U	ug/l	n	250	20	50
8-GW062805	28-Jun-05	L0507237-05	8260B	2-HEXANONE	90	UJ	ug/l	n	250	90	50
8-GW062805	28-Jun-05	L0507237-05	8260B	BROMOCHLOROMETHANE	9.5	U	ug/l	n	120	9.5	50
8-GW062805	28-Jun-05	L0507237-05	8260B	2,2-DICHLOROPROPANE	32	U	ug/l	n	120	32	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,2-DIBROMOETHANE	12	U	ug/l	n	100	12	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,3-DICHLOROPROPANE	8.5	U	ug/l	n	120	8.5	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,1,1,2-TETRACHLOROETHANE	16	U	ug/l	n	25	16	50
8-GW062805	28-Jun-05	L0507237-05	8260B	BROMOBENZENE	7.5	U	ug/l	n	120	7.5	50
8-GW062805	28-Jun-05	L0507237-05	8260B	N-BUTYLBENZENE	20	U	ug/l	n	25	20	50
8-GW062805	28-Jun-05	L0507237-05	8260B	SEC-BUTYLBENZENE	20	U	ug/l	n	25	20	50
8-GW062805	28-Jun-05	L0507237-05	8260B	TERT-BUTYLBENZENE	14	U	ug/l	n	120	14	50
8-GW062805	28-Jun-05	L0507237-05	8260B	O-CHLOROTOLUENE	12	U	ug/l	n	120	12	50
8-GW062805	28-Jun-05	L0507237-05	8260B	P-CHLOROTOLUENE	12	U	ug/l	n	120	12	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,2-DIBROMO-3-CHLOROPROPANE	79	U	ug/l	n	120	79	50
8-GW062805	28-Jun-05	L0507237-05	8260B	HEXACHLOROBUTADIENE	22	U	ug/l	n	50	22	50
8-GW062805	28-Jun-05	L0507237-05	8260B	ISOPROPYLBENZENE	13	U	ug/l	n	25	13	50
8-GW062805	28-Jun-05	L0507237-05	8260B	P-ISOPROPYLTOLUENE	16	U	ug/l	n	25	16	50
8-GW062805	28-Jun-05	L0507237-05	8260B	NAPHTHALENE	20	U	ug/l	n	120	20	50
8-GW062805	28-Jun-05	L0507237-05	8260B	N-PROPYLBENZENE	16	U	ug/l	n	25	16	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,2,3-TRICHLOROBENZENE	19	U	ug/l	n	120	19	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,2,4-TRICHLOROBENZENE	14	U	ug/l	n	120	14	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,3,5-TRIMETHYLBENZENE	14	U	ug/l	n	120	14	50
8-GW062805	28-Jun-05	L0507237-05	8260B	1,2,4-TRIMETHYLBENZENE	12	U	ug/l	n	120	12	50
8-GW062805	28-Jun-05	L0507237-05	8270C	1,2,4-TRICHLOROBENZENE	1.2	U	ug/l	n	4.9	1.2	1
8-GW062805	28-Jun-05	L0507237-05	8270C	HEXACHLOROBENZENE	1.6	U	ug/l	n	4.9	1.6	1
8-GW062805	28-Jun-05	L0507237-05	8270C	BIS(2-CHLOROETHYL)ETHER	1.3	U	ug/l	n	4.9	1.3	1
8-GW062805	28-Jun-05	L0507237-05	8270C	1,2-DICHLOROBENZENE	1.1	U	ug/l	n	4.9	1.1	1
8-GW062805	28-Jun-05	L0507237-05	8270C	1,3-DICHLOROBENZENE	1	U	ug/l	n	4.9	1	1
8-GW062805	28-Jun-05	L0507237-05	8270C	1,4-DICHLOROBENZENE	0.94	U	ug/l	n	4.9	0.94	1
8-GW062805	28-Jun-05	L0507237-05	8270C	3,3'-DICHLOROBENZIDINE	2.5	U	ug/l	n	49	2.5	1
8-GW062805	28-Jun-05	L0507237-05	8270C	2,4-DINITROTOLUENE	0.47	U	ug/l	n	5.9	0.47	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW062805	28-Jun-05	L0507237-05	8270C	2,6-DINITROTOLUENE	0.94	UJ	ug/l	n	4.9	0.94	1
8-GW062805	28-Jun-05	L0507237-05	8270C	4-CHLOROPHENYL PHENYL ETHER	0.94	U	ug/l	n	4.9	0.94	1
8-GW062805	28-Jun-05	L0507237-05	8270C	4-BROMOPHENYL PHENYL ETHER	0.97	U	ug/l	n	4.9	0.97	1
8-GW062805	28-Jun-05	L0507237-05	8270C	BIS(2-CHLOROISOPROPYL)ETHER	2.1	U	ug/l	n	4.9	2.1	1
8-GW062805	28-Jun-05	L0507237-05	8270C	BIS(2-CHLOROETHOXY)METHANE	1.5	U	ug/l	n	4.9	1.5	1
8-GW062805	28-Jun-05	L0507237-05	8270C	HEXACHLOROBUTADIENE	2.1	U	ug/l	n	9.8	2.1	1
8-GW062805	28-Jun-05	L0507237-05	8270C	HEXACHLOROETHANE	0.95	U	ug/l	n	4.9	0.95	1
8-GW062805	28-Jun-05	L0507237-05	8270C	ISOPHORONE	1.6	U	ug/l	n	4.9	1.6	1
8-GW062805	28-Jun-05	L0507237-05	8270C	NITROBENZENE	1.5	U	ug/l	n	4.9	1.5	1
8-GW062805	28-Jun-05	L0507237-05	8270C	NITROSODIPHENYLAMINE(NDPA)/DPA	4.1	U	ug/l	n	15	4.1	1
8-GW062805	28-Jun-05	L0507237-05	8270C	N-NITROSODI-N-PROPYLAMINE	1.6	U	ug/l	n	4.9	1.6	1
8-GW062805	28-Jun-05	L0507237-05	8270C	BIS(2-ETHYLHEXYL)PHTHALATE	1.6	U	ug/l	n	9.8	1.6	1
8-GW062805	28-Jun-05	L0507237-05	8270C	BUTYL BENZYL PHTHALATE	0.66	U	ug/l	n	4.9	0.66	1
8-GW062805	28-Jun-05	L0507237-05	8270C	DI-N-BUTYLPHTHALATE	0.49	U	ug/l	n	4.9	0.49	1
8-GW062805	28-Jun-05	L0507237-05	8270C	DI-N-OCTYLPHTHALATE	0.53	U	ug/l	n	4.9	0.53	1
8-GW062805	28-Jun-05	L0507237-05	8270C	DIETHYL PHTHALATE	1.5	U	ug/l	n	4.9	1.5	1
8-GW062805	28-Jun-05	L0507237-05	8270C	DIMETHYL PHTHALATE	1.6	U	ug/l	n	4.9	1.6	1
8-GW062805	28-Jun-05	L0507237-05	8270C	4-CHLOROANILINE	1.4	U	ug/l	n	4.9	1.4	1
8-GW062805	28-Jun-05	L0507237-05	8270C	2-NITROANILINE	1.1	U	ug/l	n	4.9	1.1	1
8-GW062805	28-Jun-05	L0507237-05	8270C	3-NITROANILINE	1.1	U	ug/l	n	4.9	1.1	1
8-GW062805	28-Jun-05	L0507237-05	8270C	4-NITROANILINE	1.3	U	ug/l	n	6.8	1.3	1
8-GW062805	28-Jun-05	L0507237-05	8270C	DIBENZOFURAN	0.9	U	ug/l	n	4.9	0.9	1
8-GW062805	28-Jun-05	L0507237-05	8270C	2,4,6-TRICHLOROPHENOL	1.2	U	ug/l	n	4.9	1.2	1
8-GW062805	28-Jun-05	L0507237-05	8270C	P-CHLORO-M-CRESOL	1.4	U	ug/l	n	4.9	1.4	1
8-GW062805	28-Jun-05	L0507237-05	8270C	2-CHLOROPHENOL	1.8	U	ug/l	n	5.9	1.8	1
8-GW062805	28-Jun-05	L0507237-05	8270C	2,4-DICHLOROPHENOL	2	U	ug/l	n	9.8	2	1
8-GW062805	28-Jun-05	L0507237-05	8270C	2,4-DIMETHYLPHENOL	3	UJ	ug/l	n	9.8	3	1
8-GW062805	28-Jun-05	L0507237-05	8270C	2-NITROPHENOL	2.3	U	ug/l	n	20	2.3	1
8-GW062805	28-Jun-05	L0507237-05	8270C	4-NITROPHENOL	1.6	U	ug/l	n	9.8	1.6	1
8-GW062805	28-Jun-05	L0507237-05	8270C	2,4-DINITROPHENOL	1	U	ug/l	n	20	1	1
8-GW062805	28-Jun-05	L0507237-05	8270C	4,6-DINITRO-O-CRESOL	1.4	U	ug/l	n	20	1.4	1
8-GW062805	28-Jun-05	L0507237-05	8270C	PENTACHLOROPHENOL	1.5	U	ug/l	n	20	1.5	1
8-GW062805	28-Jun-05	L0507237-05	8270C	PHENOL	1.2	U	ug/l	n	6.8	1.2	1
8-GW062805	28-Jun-05	L0507237-05	8270C	2-METHYLPHENOL	1.5	U	ug/l	n	5.9	1.5	1
8-GW062805	28-Jun-05	L0507237-05	8270C	3-METHYLPHENOL/4-METHYLPHENOL	1.6	U	ug/l	n	5.9	1.6	1
8-GW062805	28-Jun-05	L0507237-05	8270C	2,4,5-TRICHLOROPHENOL	0.94	U	ug/l	n	4.9	0.94	1
8-GW062805	28-Jun-05	L0507237-05	8270C	BENZOIC ACID	0.97	U	ug/l	n	49	0.97	1
8-GW062805	28-Jun-05	L0507237-05	8270C	CARBAZOLE	1.6	U	ug/l	n	4.9	1.6	1
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	ACENAPHTHENE	0.035	U	ug/l	n	0.2	0.035	1
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	2-CHLORONAPHTHALENE	0.041	UJ	ug/l	n	0.2	0.041	1
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	FLUORANTHENE	0.039	UJ	ug/l	n	0.2	0.039	1
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	NAPHTHALENE	0.03	U	ug/l	n	0.2	0.03	1
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	BENZO(A)ANTHRACENE	0.037	U	ug/l	n	0.2	0.037	1
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	BENZO(A)PYRENE	0.039	UJ	ug/l	n	0.2	0.039	1
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	BENZO(B)FLUORANTHENE	0.049	U	ug/l	n	0.2	0.049	1
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	BENZO(K)FLUORANTHENE	0.035	UJ	ug/l	n	0.2	0.035	1
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	CHRYSENE	0.024	U	ug/l	n	0.2	0.024	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	ACENAPHTHYLENE	0.029	UJ	ug/l	n	0.2	0.029	1
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	ANTHRACENE	0.048	UJ	ug/l	n	0.2	0.048	1
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	BENZO(GHI)PERYLENE	0.024	U	ug/l	n	0.24	0.024	1
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	FLUORENE	0.024	U	ug/l	n	0.2	0.024	1
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	PHENANTHRENE	0.047	J	ug/l	y	0.2	0.03	1
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	DIBENZO(A,H)ANTHRACENE	0.017	U	ug/l	n	0.2	0.017	1
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	INDENO(1,2,3-CD)PYRENE	0.025	U	ug/l	n	0.2	0.025	1
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	PYRENE	0.045	UJ	ug/l	n	0.2	0.045	1
8-GW062805	28-Jun-05	L0507237-05	8270C-SIM	2-METHYLNAPHTHALENE	0.035	U	ug/l	n	0.2	0.035	1
8-GW062805	28-Jun-05	L0507237-05	8082	AROCLOR 1221	0.07	U	ug/l	n	0.5	0.07	1
8-GW062805	28-Jun-05	L0507237-05	8082	AROCLOR 1232	0.15	U	ug/l	n	0.5	0.15	1
8-GW062805	28-Jun-05	L0507237-05	8082	AROCLOR 1242/1016	0.05	U	ug/l	n	0.5	0.05	1
8-GW062805	28-Jun-05	L0507237-05	8082	AROCLOR 1248	0.12	U	ug/l	n	0.5	0.12	1
8-GW062805	28-Jun-05	L0507237-05	8082	AROCLOR 1254	0.06	U	ug/l	n	0.5	0.06	1
8-GW062805	28-Jun-05	L0507237-05	8082	AROCLOR 1260	0.02	U	ug/l	n	0.5	0.02	1
8-GW062805	28-Jun-05	L0507237-05	8082	AROCLOR 1268	0.05	U	ug/l	n	0.5	0.05	1
8-GW062805	28-Jun-05	L0507237-05	8081A	DELTA-BHC	0.002	U	ug/l	n	0.02	0.002	1
8-GW062805	28-Jun-05	L0507237-05	8081A	LINDANE	0.003	U	ug/l	n	0.02	0.003	1
8-GW062805	28-Jun-05	L0507237-05	8081A	ALPHA-BHC	0.003	U	ug/l	n	0.02	0.003	1
8-GW062805	28-Jun-05	L0507237-05	8081A	BETA-BHC	0.005	U	ug/l	n	0.02	0.005	1
8-GW062805	28-Jun-05	L0507237-05	8081A	HEPTACHLOR	0.004	U	ug/l	n	0.02	0.004	1
8-GW062805	28-Jun-05	L0507237-05	8081A	ALDRIN	0.004	U	ug/l	n	0.02	0.004	1
8-GW062805	28-Jun-05	L0507237-05	8081A	HEPTACHLOR EPOXIDE	0.004	U	ug/l	n	0.02	0.004	1
8-GW062805	28-Jun-05	L0507237-05	8081A	ENDRIN	0.01	U	ug/l	n	0.04	0.01	1
8-GW062805	28-Jun-05	L0507237-05	8081A	ENDRIN ALDEHYDE	0.009	U	ug/l	n	0.04	0.009	1
8-GW062805	28-Jun-05	L0507237-05	8081A	ENDRIN KETONE	0.007	U	ug/l	n	0.04	0.007	1
8-GW062805	28-Jun-05	L0507237-05	8081A	DIELDRIN	0.008	U	ug/l	n	0.04	0.008	1
8-GW062805	28-Jun-05	L0507237-05	8081A	4,4'-DDE	0.007	U	ug/l	n	0.04	0.007	1
8-GW062805	28-Jun-05	L0507237-05	8081A	4,4'-DDD	0.014	U	ug/l	n	0.04	0.014	1
8-GW062805	28-Jun-05	L0507237-05	8081A	4,4'-DDT	0.007	U	ug/l	n	0.04	0.007	1
8-GW062805	28-Jun-05	L0507237-05	8081A	ENDOSULFAN I	0.005	UJ	ug/l	n	0.02	0.005	1
8-GW062805	28-Jun-05	L0507237-05	8081A	ENDOSULFAN II	0.014	U	ug/l	n	0.04	0.014	1
8-GW062805	28-Jun-05	L0507237-05	8081A	ENDOSULFAN SULFATE	0.009	U	ug/l	n	0.04	0.009	1
8-GW062805	28-Jun-05	L0507237-05	8081A	METHOXYCHLOR	0.04	U	ug/l	n	0.2	0.04	1
8-GW062805	28-Jun-05	L0507237-05	8081A	TOXAPHENE	0.075	U	ug/l	n	0.5	0.075	1
8-GW062805	28-Jun-05	L0507237-05	8081A	HEXACHLOROBENZENE	0.002	U	ug/l	n	0.2	0.002	1
8-GW062805	28-Jun-05	L0507237-05	8081A	CIS-CHLORDANE	0.004	U	ug/l	n	0.02	0.004	1
8-GW062805	28-Jun-05	L0507237-05	8081A	TRANS-CHLORDANE	0.004	U	ug/l	n	0.02	0.004	1
8-GW062805	28-Jun-05	L0507237-05	4500NO3-F	NITROGEN, NITRATE	0.33		mg/l	y	0.1	0.006	1
8-GW062805	28-Jun-05	L0507237-05	9038	SULFATE	11		mg/l	y	10	1.4	1
8-GW062805	28-Jun-05	L0507237-05	2340B	HARDNESS	26		mg/l	y	1.7	0.021	1
8-GW062805	28-Jun-05	L0507237-05	6010B	ALUMINUM, TOTAL	0.07	U	mg/l	y	0.1	0.0065	1
8-GW062805	28-Jun-05	L0507237-05	6010B	ANTIMONY, TOTAL	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW062805	28-Jun-05	L0507237-05	6010B	ARSENIC, TOTAL	0.0026	U	mg/l	n	0.004	0.0026	1
8-GW062805	28-Jun-05	L0507237-05	6010B	BARIUM, TOTAL	0.02		mg/l	y	0.01	0.0002	1
8-GW062805	28-Jun-05	L0507237-05	6010B	BERYLLIUM, TOTAL	0.0001	U	mg/l	n	0.004	0.0001	1
8-GW062805	28-Jun-05	L0507237-05	6010B	CADMIUM, TOTAL	0.0004	U	mg/l	y	0.005	0.0001	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW062805	28-Jun-05	L0507237-05	6010B	CALCIUM, TOTAL	7.4		mg/l	y	0.1	0.0058	1
8-GW062805	28-Jun-05	L0507237-05	6010B	CHROMIUM, TOTAL	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW062805	28-Jun-05	L0507237-05	6010B	COBALT, TOTAL	0.0007	U	mg/l	n	0.02	0.0007	1
8-GW062805	28-Jun-05	L0507237-05	6010B	COPPER, TOTAL	0.002	J	mg/l	y	0.01	0.0008	1
8-GW062805	28-Jun-05	L0507237-05	6010B	IRON, TOTAL	0.06		mg/l	y	0.05	0.0099	1
8-GW062805	28-Jun-05	L0507237-05	6010B	LEAD, TOTAL	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW062805	28-Jun-05	L0507237-05	6010B	MAGNESIUM, TOTAL	1.9		mg/l	y	0.1	0.0056	1
8-GW062805	28-Jun-05	L0507237-05	6010B	MANGANESE, TOTAL	0.01		mg/l	y	0.01	0.0002	1
8-GW062805	28-Jun-05	L0507237-05	7470A	MERCURY, TOTAL	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW062805	28-Jun-05	L0507237-05	6010B	MOLYBDENUM, TOTAL	0.0009	U	mg/l	n	0.05	0.0009	1
8-GW062805	28-Jun-05	L0507237-05	6010B	NICKEL, TOTAL	0.0025	U	mg/l	y	0.025	0.0007	1
8-GW062805	28-Jun-05	L0507237-05	6010B	POTASSIUM, TOTAL	2.6	U	mg/l	y	2.5	0.056	1
8-GW062805	28-Jun-05	L0507237-05	6010B	SELENIUM, TOTAL	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW062805	28-Jun-05	L0507237-05	6010B	SILVER, TOTAL	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW062805	28-Jun-05	L0507237-05	6010B	SODIUM, TOTAL	25		mg/l	y	2	0.076	1
8-GW062805	28-Jun-05	L0507237-05	6010B	THALLIUM, TOTAL	0.0032	U	mg/l	y	0.005	0.0013	1
8-GW062805	28-Jun-05	L0507237-05	6010B	VANADIUM, TOTAL	0.0007	U	mg/l	n	0.01	0.0007	1
8-GW062805	28-Jun-05	L0507237-05	6010B	ZINC, TOTAL	0.031	J	mg/l	y	0.05	0.0025	1
8-GW062805	28-Jun-05	L0507237-05	6010B	ALUMINUM, DISSOLVED	0.048	U	mg/l	y	0.1	0.0065	1
8-GW062805	28-Jun-05	L0507237-05	6010B	ANTIMONY, DISSOLVED	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW062805	28-Jun-05	L0507237-05	6010B	ARSENIC, DISSOLVED	0.0026	U	mg/l	n	0.004	0.0026	1
8-GW062805	28-Jun-05	L0507237-05	6010B	BARIUM, DISSOLVED	0.02		mg/l	y	0.01	0.0002	1
8-GW062805	28-Jun-05	L0507237-05	6010B	BERYLLIUM, DISSOLVED	0.0001	U	mg/l	y	0.004	0.0001	1
8-GW062805	28-Jun-05	L0507237-05	6010B	CADMIUM, DISSOLVED	0.0001	U	mg/l	y	0.005	0.0001	1
8-GW062805	28-Jun-05	L0507237-05	6010B	CALCIUM, DISSOLVED	7.2		mg/l	y	0.1	0.0058	1
8-GW062805	28-Jun-05	L0507237-05	6010B	CHROMIUM, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW062805	28-Jun-05	L0507237-05	6010B	COBALT, DISSOLVED	0.0007	U	mg/l	n	0.02	0.0007	1
8-GW062805	28-Jun-05	L0507237-05	6010B	COPPER, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW062805	28-Jun-05	L0507237-05	6010B	IRON, DISSOLVED	0.0099	U	mg/l	n	0.05	0.0099	1
8-GW062805	28-Jun-05	L0507237-05	6010B	LEAD, DISSOLVED	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW062805	28-Jun-05	L0507237-05	6010B	MAGNESIUM, DISSOLVED	1.8		mg/l	y	0.1	0.0056	1
8-GW062805	28-Jun-05	L0507237-05	6010B	MANGANESE, DISSOLVED	0.009	J	mg/l	y	0.01	0.0002	1
8-GW062805	28-Jun-05	L0507237-05	7470A	MERCURY, DISSOLVED	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW062805	28-Jun-05	L0507237-05	6010B	MOLYBDENUM, DISSOLVED	0.0009	U	mg/l	n	0.05	0.0009	1
8-GW062805	28-Jun-05	L0507237-05	6010B	NICKEL, DISSOLVED	0.0011	U	mg/l	y	0.025	0.0007	1
8-GW062805	28-Jun-05	L0507237-05	6010B	POTASSIUM, DISSOLVED	2.4	U	mg/l	y	2.5	0.056	1
8-GW062805	28-Jun-05	L0507237-05	6010B	SELENIUM, DISSOLVED	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW062805	28-Jun-05	L0507237-05	6010B	SILVER, DISSOLVED	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW062805	28-Jun-05	L0507237-05	6010B	SODIUM, DISSOLVED	23		mg/l	y	2	0.076	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	PYRENE	0.046	UJ	ug/l	n	0.2	0.046	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	2-METHYLNAPHTHALENE	0.036	U	ug/l	n	0.2	0.036	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8082	AROCLOR 1221	0.07	U	ug/l	n	0.5	0.07	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8082	AROCLOR 1232	0.15	U	ug/l	n	0.5	0.15	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8082	AROCLOR 1242/1016	0.05	U	ug/l	n	0.5	0.05	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8082	AROCLOR 1248	0.12	U	ug/l	n	0.5	0.12	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8082	AROCLOR 1254	0.06	U	ug/l	n	0.5	0.06	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8082	AROCLOR 1260	0.02	U	ug/l	n	0.5	0.02	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GWHNUS23-02	28-Jun-05	L0507237-06	8082	AROCLOR 1268	0.05	U	ug/l	n	0.5	0.05	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	DELTA-BHC	0.00204	U	ug/l	n	0.0204	0.00204	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	LINDANE	0.00306	U	ug/l	n	0.0204	0.00306	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	ALPHA-BHC	0.00306	U	ug/l	n	0.0204	0.00306	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	BETA-BHC	0.0051	U	ug/l	n	0.0204	0.0051	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	HEPTACHLOR	0.00408	U	ug/l	n	0.0204	0.00408	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	ALDRIN	0.00408	U	ug/l	n	0.0204	0.00408	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	HEPTACHLOR EPOXIDE	0.00408	U	ug/l	n	0.0204	0.00408	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	ENDRIN	0.0102	U	ug/l	n	0.0408	0.0102	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	ENDRIN ALDEHYDE	0.00918	U	ug/l	n	0.0408	0.00918	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	ENDRIN KETONE	0.00714	U	ug/l	n	0.0408	0.00714	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	DIELDRIN	0.00816	U	ug/l	n	0.0408	0.00816	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	4,4'-DDE	0.00714	U	ug/l	n	0.0408	0.00714	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	4,4'-DDD	0.0143	U	ug/l	n	0.0408	0.0143	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	4,4'-DDT	0.00714	U	ug/l	n	0.0408	0.00714	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	ENDOSULFAN I	0.0051	UJ	ug/l	n	0.0204	0.0051	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	ENDOSULFAN II	0.0143	U	ug/l	n	0.0408	0.0143	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	ENDOSULFAN SULFATE	0.00918	U	ug/l	n	0.0408	0.00918	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	METHOXYCHLOR	0.0408	U	ug/l	n	0.204	0.0408	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	TOXAPHENE	0.0765	U	ug/l	n	0.51	0.0765	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	HEXACHLOROBENZENE	0.0071	J	ug/l	y	0.204	0.00204	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	CIS-CHLORDANE	0.00408	U	ug/l	n	0.0204	0.00408	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8081A	TRANS-CHLORDANE	0.00408	U	ug/l	n	0.0204	0.00408	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	4500NO3-F	NITROGEN, NITRATE	5.1		mg/l	y	0.1	0.006	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	9038	SULFATE	17		mg/l	y	10	1.4	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	2340B	HARDNESS	150		mg/l	y	1.7	0.021	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	ALUMINUM, TOTAL	0.42		mg/l	y	0.1	0.0065	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	ANTIMONY, TOTAL	0.0042	U	mg/l	n	0.05	0.0042	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	ARSENIC, TOTAL	0.0026	U	mg/l	n	0.004	0.0026	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	BARIUM, TOTAL	0.06		mg/l	y	0.01	0.0002	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	BERYLLIUM, TOTAL	0.0001	U	mg/l	n	0.004	0.0001	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	CADMIUM, TOTAL	0.0001	U	mg/l	n	0.005	0.0001	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	CALCIUM, TOTAL	42		mg/l	y	0.1	0.0058	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	CHROMIUM, TOTAL	0.0008	U	mg/l	n	0.01	0.0008	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	COBALT, TOTAL	0.001	J	mg/l	y	0.02	0.0007	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	COPPER, TOTAL	0.001	J	mg/l	y	0.01	0.0008	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	IRON, TOTAL	0.49		mg/l	y	0.05	0.0099	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	LEAD, TOTAL	0.0013	U	mg/l	n	0.01	0.0013	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	MAGNESIUM, TOTAL	11		mg/l	y	0.1	0.0056	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	MANGANESE, TOTAL	0.2		mg/l	y	0.01	0.0002	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	7470A	MERCURY, TOTAL	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	MOLYBDENUM, TOTAL	0.0009	U	mg/l	n	0.05	0.0009	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	NICKEL, TOTAL	0.0045	U	mg/l	y	0.025	0.0007	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	POTASSIUM, TOTAL	4.6		mg/l	y	2.5	0.056	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	SELENIUM, TOTAL	0.0026	U	mg/l	n	0.005	0.0026	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	SILVER, TOTAL	0.0005	U	mg/l	n	0.007	0.0005	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	SODIUM, TOTAL	24		mg/l	y	2	0.076	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	THALLIUM, TOTAL	0.0013	U	mg/l	n	0.005	0.0013	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	VANADIUM, TOTAL	0.001	J	mg/l	y	0.01	0.0007	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	ZINC, TOTAL	0.009	J	mg/l	y	0.05	0.0025	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	ALUMINUM, DISSOLVED	0.012	U	mg/l	y	0.1	0.0065	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	ANTIMONY, DISSOLVED	0.0042	U	mg/l	n	0.05	0.0042	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	ARSENIC, DISSOLVED	0.0026	U	mg/l	n	0.004	0.0026	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	BARIUM, DISSOLVED	0.06		mg/l	y	0.01	0.0002	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	BERYLLIUM, DISSOLVED	0.0001	U	mg/l	n	0.004	0.0001	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	CADMIUM, DISSOLVED	0.0001	U	mg/l	n	0.005	0.0001	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	CALCIUM, DISSOLVED	43		mg/l	y	0.1	0.0058	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	CHROMIUM, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	COBALT, DISSOLVED	0.0007	U	mg/l	n	0.02	0.0007	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	COPPER, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	IRON, DISSOLVED	0.0099	U	mg/l	n	0.05	0.0099	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	LEAD, DISSOLVED	0.0013	U	mg/l	n	0.01	0.0013	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	MAGNESIUM, DISSOLVED	11		mg/l	y	0.1	0.0056	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	MANGANESE, DISSOLVED	0.14		mg/l	y	0.01	0.0002	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	7470A	MERCURY, DISSOLVED	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	MOLYBDENUM, DISSOLVED	0.0009	U	mg/l	n	0.05	0.0009	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	NICKEL, DISSOLVED	0.0039	U	mg/l	y	0.025	0.0007	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	POTASSIUM, DISSOLVED	4.4		mg/l	y	2.5	0.056	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	SELENIUM, DISSOLVED	0.0026	U	mg/l	n	0.005	0.0026	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	SILVER, DISSOLVED	0.0005	U	mg/l	n	0.007	0.0005	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	SODIUM, DISSOLVED	24		mg/l	y	2	0.076	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	THALLIUM, DISSOLVED	0.0015	U	mg/l	y	0.005	0.0013	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	VANADIUM, DISSOLVED	0.0007	U	mg/l	n	0.01	0.0007	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	6010B	ZINC, DISSOLVED	0.004	J	mg/l	y	0.05	0.0025	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	METHYLENE CHLORIDE	0.37	UJ	ug/l	n	5	0.37	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,1-DICHLOROETHANE	0.21	J	ug/l	y	0.75	0.19	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	CHLOROFORM	0.14	U	ug/l	n	0.75	0.14	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	CARBON TETRACHLORIDE	0.38	U	ug/l	n	0.5	0.38	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,2-DICHLOROPROPANE	0.24	U	ug/l	n	1.8	0.24	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	DIBROMOCHLOROMETHANE	0.19	U	ug/l	n	0.5	0.19	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,1,2-TRICHLOROETHANE	0.16	U	ug/l	n	0.75	0.16	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	TETRACHLOROETHENE	0.66		ug/l	y	0.5	0.43	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	CHLOROBENZENE	0.32	U	ug/l	n	0.5	0.32	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	TRICHLOROFLUOROMETHANE	0.29	U	ug/l	n	2.5	0.29	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,2-DICHLOROETHANE	0.14	U	ug/l	n	0.5	0.14	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,1,1-TRICHLOROETHANE	0.25	U	ug/l	n	0.5	0.25	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	BROMODICHLOROMETHANE	0.24	U	ug/l	n	0.5	0.24	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	TRANS-1,3-DICHLOROPROPENE	0.24	U	ug/l	n	0.5	0.24	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	CIS-1,3-DICHLOROPROPENE	0.13	U	ug/l	n	0.5	0.13	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,1-DICHLOROPROPENE	0.34	U	ug/l	n	2.5	0.34	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	BROMOFORM	1.1	U	ug/l	n	2	1.1	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,1,2,2-TETRACHLOROETHANE	0.29	U	ug/l	n	0.5	0.29	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	BENZENE	0.29	UJ	ug/l	n	0.5	0.29	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	TOLUENE	0.31	U	ug/l	n	0.75	0.31	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	ETHYLBENZENE	0.28	U	ug/l	n	0.5	0.28	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	CHLOROMETHANE	0.12	U	ug/l	n	2.5	0.12	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	BROMOMETHANE	0.36	UJ	ug/l	n	1	0.36	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	VINYL CHLORIDE	0.27	U	ug/l	n	1	0.27	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	CHLOROETHANE	0.36	U	ug/l	n	1	0.36	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,1-DICHLOROETHENE	0.38	U	ug/l	n	0.5	0.38	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	TRANS-1,2-DICHLOROETHENE	0.34	UJ	ug/l	n	0.75	0.34	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	TRICHLOROETHENE	0.34	U	ug/l	n	0.5	0.34	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,2-DICHLOROBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,3-DICHLOROBENZENE	0.2	U	ug/l	n	2.5	0.2	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,4-DICHLOROBENZENE	0.23	U	ug/l	n	2.5	0.23	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	METHYL TERT BUTYL ETHER	6.4		ug/l	y	1	0.12	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	P/M-XYLENE	0.39	U	ug/l	n	1	0.39	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	O-XYLENE	0.3	U	ug/l	n	1	0.3	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	CIS-1,2-DICHLOROETHENE	0.18	U	ug/l	n	0.5	0.18	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	DIBROMOMETHANE	0.19	U	ug/l	n	5	0.19	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,2,3-TRICHLOROPROPANE	0.23	U	ug/l	n	5	0.23	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	STYRENE	0.44	U	ug/l	n	1	0.44	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	DICHLORODIFLUOROMETHANE	0.3	U	ug/l	n	5	0.3	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	ACETONE	1.5	UJ	ug/l	n	5	1.5	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	CARBON DISULFIDE	0.27	UJ	ug/l	n	5	0.27	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	2-BUTANONE	1.7	UJ	ug/l	n	5	1.7	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	4-METHYL-2-PENTANONE	0.4	U	ug/l	n	5	0.4	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	2-HEXANONE	1.8	UJ	ug/l	n	5	1.8	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	BROMOCHLOROMETHANE	0.19	UJ	ug/l	n	2.5	0.19	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	2,2-DICHLOROPROPANE	0.63	U	ug/l	n	2.5	0.63	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,2-DIBROMOETHANE	0.23	U	ug/l	n	2	0.23	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,3-DICHLOROPROPANE	0.17	U	ug/l	n	2.5	0.17	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,1,1,2-TETRACHLOROETHANE	0.31	U	ug/l	n	0.5	0.31	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	BROMOBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	N-BUTYLBENZENE	0.41	U	ug/l	n	0.5	0.41	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	SEC-BUTYLBENZENE	0.57		ug/l	y	0.5	0.4	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	TERT-BUTYLBENZENE	0.29	U	ug/l	n	2.5	0.29	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	O-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	P-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,2-DIBROMO-3-CHLOROPROPANE	1.6	U	ug/l	n	2.5	1.6	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	HEXACHLOROBUTADIENE	0.43	U	ug/l	n	1	0.43	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	ISOPROPYLBENZENE	0.26	U	ug/l	n	0.5	0.26	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	P-ISOPROPYLTOLUENE	0.33	U	ug/l	n	0.5	0.33	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	NAPHTHALENE	0.41	U	ug/l	n	2.5	0.41	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	N-PROPYLBENZENE	0.32	U	ug/l	n	0.5	0.32	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,2,3-TRICHLOROBENZENE	0.38	U	ug/l	n	2.5	0.38	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,2,4-TRICHLOROBENZENE	0.28	U	ug/l	n	2.5	0.28	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,3,5-TRIMETHYLBENZENE	0.27	U	ug/l	n	2.5	0.27	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8260B	1,2,4-TRIMETHYLBENZENE	0.25	U	ug/l	n	2.5	0.25	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	1,2,4-TRICHLOROBENZENE	1.3	U	ug/l	n	4.9	1.3	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	HEXACHLOROBENZENE	1.6	U	ug/l	n	4.9	1.6	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	BIS(2-CHLOROETHYL)ETHER	1.3	U	ug/l	n	4.9	1.3	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	1,2-DICHLOROBENZENE	1.1	U	ug/l	n	4.9	1.1	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	1,3-DICHLOROBENZENE	1	U	ug/l	n	4.9	1	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	1,4-DICHLOROBENZENE	0.95	U	ug/l	n	4.9	0.95	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	3,3'-DICHLOROBENZIDINE	2.5	U	ug/l	n	49	2.5	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	2,4-DINITROTOLUENE	0.48	U	ug/l	n	5.9	0.48	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	2,6-DINITROTOLUENE	0.95	UJ	ug/l	n	4.9	0.95	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	4-CHLOROPHENYL PHENYL ETHER	0.95	U	ug/l	n	4.9	0.95	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	4-BROMOPHENYL PHENYL ETHER	0.98	U	ug/l	n	4.9	0.98	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	BIS(2-CHLOROISOPROPYL)ETHER	2.2	U	ug/l	n	4.9	2.2	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	BIS(2-CHLOROETHOXY)METHANE	1.6	U	ug/l	n	4.9	1.6	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	HEXACHLOROBUTADIENE	2.1	U	ug/l	n	9.9	2.1	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	HEXACHLOROETHANE	0.96	U	ug/l	n	4.9	0.96	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	ISOPHORONE	1.6	U	ug/l	n	4.9	1.6	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	NITROBENZENE	1.6	U	ug/l	n	4.9	1.6	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	NITROSODIPHENYLAMINE(NDPA)/DPA	4.2	U	ug/l	n	15	4.2	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	N-NITROSODI-N-PROPYLAMINE	1.6	U	ug/l	n	4.9	1.6	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	BIS(2-ETHYLHEXYL)PHTHALATE	1.6	U	ug/l	n	9.9	1.6	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	BUTYL BENZYL PHTHALATE	0.66	U	ug/l	n	4.9	0.66	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	DI-N-BUTYLPHTHALATE	0.49	U	ug/l	n	4.9	0.49	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	DI-N-OCTYLPHTHALATE	0.53	U	ug/l	n	4.9	0.53	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	DIETHYL PHTHALATE	1.6	U	ug/l	n	4.9	1.6	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	DIMETHYL PHTHALATE	1.6	U	ug/l	n	4.9	1.6	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	4-CHLOROANILINE	1.4	U	ug/l	n	4.9	1.4	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	2-NITROANILINE	1.1	U	ug/l	n	4.9	1.1	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	3-NITROANILINE	1.1	U	ug/l	n	4.9	1.1	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	4-NITROANILINE	1.3	U	ug/l	n	6.9	1.3	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	DIBENZOFURAN	0.91	U	ug/l	n	4.9	0.91	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	2,4,6-TRICHLOROPHENOL	1.2	U	ug/l	n	4.9	1.2	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	P-CHLORO-M-CRESOL	1.5	U	ug/l	n	4.9	1.5	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	2-CHLOROPHENOL	1.8	U	ug/l	n	5.9	1.8	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	2,4-DICHLOROPHENOL	2.1	U	ug/l	n	9.9	2.1	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	2,4-DIMETHYLPHENOL	3	UJ	ug/l	n	9.9	3	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	2-NITROPHENOL	2.3	U	ug/l	n	20	2.3	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	4-NITROPHENOL	1.6	U	ug/l	n	9.9	1.6	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	2,4-DINITROPHENOL	1	U	ug/l	n	20	1	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	4,6-DINITRO-O-CRESOL	1.4	U	ug/l	n	20	1.4	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	PENTACHLOROPHENOL	1.5	U	ug/l	n	20	1.5	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	PHENOL	1.2	U	ug/l	n	6.9	1.2	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	2-METHYLPHENOL	1.5	U	ug/l	n	5.9	1.5	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	3-METHYLPHENOL/4-METHYLPHENOL	1.6	U	ug/l	n	5.9	1.6	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	2,4,5-TRICHLOROPHENOL	0.95	U	ug/l	n	4.9	0.95	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	BENZOIC ACID	0.98	U	ug/l	n	49	0.98	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C	CARBAZOLE	1.6	U	ug/l	n	4.9	1.6	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	ACENAPHTHENE	0.036	U	ug/l	n	0.2	0.036	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	2-CHLORONAPHTHALENE	0.042	UJ	ug/l	n	0.2	0.042	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	FLUORANTHENE	0.04	UJ	ug/l	n	0.2	0.04	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	NAPHTHALENE	0.031	U	ug/l	n	0.2	0.031	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	BENZO(A)ANTHRACENE	0.038	U	ug/l	n	0.2	0.038	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	BENZO(A)PYRENE	0.04	UJ	ug/l	n	0.2	0.04	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	BENZO(B)FLUORANTHENE	0.049	U	ug/l	n	0.2	0.049	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	BENZO(K)FLUORANTHENE	0.036	UJ	ug/l	n	0.2	0.036	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	CHRYSENE	0.024	U	ug/l	n	0.2	0.024	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	ACENAPHTHYLENE	0.03	UJ	ug/l	n	0.2	0.03	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	ANTHRACENE	0.048	UJ	ug/l	n	0.2	0.048	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	BENZO(GHI)PERYLENE	0.025	U	ug/l	n	0.25	0.025	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	FLUORENE	0.024	U	ug/l	n	0.2	0.024	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	PHENANTHRENE	0.031	U	ug/l	n	0.2	0.031	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	DIBENZO(A,H)ANTHRACENE	0.017	U	ug/l	n	0.2	0.017	1
8-GWHNUS23-02	28-Jun-05	L0507237-06	8270C-SIM	INDENO(1,2,3-CD)PYRENE	0.026	U	ug/l	n	0.2	0.026	1
8-GW07S-02	28-Jun-05	L0507237-07	4500NO3-F	NITROGEN, NITRATE	0.1		mg/l	y	0.1	0.006	1
8-GW07S-02	28-Jun-05	L0507237-07	9038	SULFATE	1.4	U	mg/l	n	10	1.4	1
8-GW07S-02	28-Jun-05	L0507237-07	2340B	HARDNESS	200		mg/l	y	1.7	0.021	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	ALUMINUM, TOTAL	0.068	U	mg/l	y	0.1	0.0065	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	ANTIMONY, TOTAL	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	ARSENIC, TOTAL	0.0026	U	mg/l	n	0.004	0.0026	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	BARIUM, TOTAL	0.25		mg/l	y	0.01	0.0002	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	BERYLLIUM, TOTAL	0.0002	U	mg/l	y	0.004	0.0001	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	CADMIUM, TOTAL	0.0003	U	mg/l	y	0.005	0.0001	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	CALCIUM, TOTAL	54		mg/l	y	0.1	0.0058	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	CHROMIUM, TOTAL	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	COBALT, TOTAL	0.001	J	mg/l	y	0.02	0.0007	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	COPPER, TOTAL	0.006	J	mg/l	y	0.01	0.0008	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	IRON, TOTAL	7.9		mg/l	y	0.05	0.0099	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	LEAD, TOTAL	0.0028	U	mg/l	y	0.01	0.0013	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	MAGNESIUM, TOTAL	15		mg/l	y	0.1	0.0056	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	MANGANESE, TOTAL	0.39		mg/l	y	0.01	0.0002	1
8-GW07S-02	28-Jun-05	L0507237-07	7470A	MERCURY, TOTAL	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	MOLYBDENUM, TOTAL	0.001	U	mg/l	y	0.05	0.0009	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	NICKEL, TOTAL	0.0027	U	mg/l	y	0.025	0.0007	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	POTASSIUM, TOTAL	15		mg/l	y	2.5	0.056	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	SELENIUM, TOTAL	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	SILVER, TOTAL	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	SODIUM, TOTAL	44		mg/l	y	2	0.076	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	THALLIUM, TOTAL	0.0022	U	mg/l	y	0.005	0.0013	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	VANADIUM, TOTAL	0.0007	U	mg/l	n	0.01	0.0007	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	ZINC, TOTAL	0.034	J	mg/l	y	0.05	0.0025	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	ALUMINUM, DISSOLVED	0.0065	U	mg/l	n	0.1	0.0065	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	ANTIMONY, DISSOLVED	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	ARSENIC, DISSOLVED	0.0026	U	mg/l	n	0.004	0.0026	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	BARIUM, DISSOLVED	0.25		mg/l	y	0.01	0.0002	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	BERYLLIUM, DISSOLVED	0.0001	U	mg/l	n	0.004	0.0001	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	CADMIUM, DISSOLVED	0.0001	U	mg/l	n	0.005	0.0001	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	CALCIUM, DISSOLVED	53		mg/l	y	0.1	0.0058	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW07S-02	28-Jun-05	L0507237-07	6010B	CHROMIUM, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	COBALT, DISSOLVED	0.0007	U	mg/l	n	0.02	0.0007	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	COPPER, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	IRON, DISSOLVED	7.4		mg/l	y	0.05	0.0099	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	LEAD, DISSOLVED	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	MAGNESIUM, DISSOLVED	15		mg/l	y	0.1	0.0056	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	MANGANESE, DISSOLVED	0.38		mg/l	y	0.01	0.0002	1
8-GW07S-02	28-Jun-05	L0507237-07	7470A	MERCURY, DISSOLVED	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	MOLYBDENUM, DISSOLVED	0.001	U	mg/l	y	0.05	0.0009	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	NICKEL, DISSOLVED	0.0027	U	mg/l	y	0.025	0.0007	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	POTASSIUM, DISSOLVED	15		mg/l	y	2.5	0.056	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	SELENIUM, DISSOLVED	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	SILVER, DISSOLVED	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	SODIUM, DISSOLVED	44		mg/l	y	2	0.076	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	THALLIUM, DISSOLVED	0.0034	U	mg/l	y	0.005	0.0013	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	VANADIUM, DISSOLVED	0.0007	U	mg/l	n	0.01	0.0007	1
8-GW07S-02	28-Jun-05	L0507237-07	6010B	ZINC, DISSOLVED	0.012	J	mg/l	y	0.05	0.0025	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	METHYLENE CHLORIDE	0.37	UJ	ug/l	n	5	0.37	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,1-DICHLOROETHANE	0.19	UJ	ug/l	n	0.75	0.19	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	CHLOROFORM	0.14	U	ug/l	n	0.75	0.14	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	CARBON TETRACHLORIDE	0.38	U	ug/l	n	0.5	0.38	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,2-DICHLOROPROPANE	0.24	U	ug/l	n	1.8	0.24	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	DIBROMOCHLOROMETHANE	0.19	U	ug/l	n	0.5	0.19	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,1,2-TRICHLOROETHANE	0.16	U	ug/l	n	0.75	0.16	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	TETRACHLOROETHENE	0.43	U	ug/l	n	0.5	0.43	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	CHLOROBENZENE	0.57		ug/l	y	0.5	0.32	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	TRICHLOROFLUOROMETHANE	0.29	U	ug/l	n	2.5	0.29	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,2-DICHLOROETHANE	0.14	U	ug/l	n	0.5	0.14	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,1,1-TRICHLOROETHANE	0.25	U	ug/l	n	0.5	0.25	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	BROMODICHLOROMETHANE	0.24	U	ug/l	n	0.5	0.24	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	TRANS-1,3-DICHLOROPROPENE	0.24	U	ug/l	n	0.5	0.24	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	CIS-1,3-DICHLOROPROPENE	0.13	U	ug/l	n	0.5	0.13	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,1-DICHLOROPROPENE	0.34	U	ug/l	n	2.5	0.34	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	BROMOFORM	1.1	U	ug/l	n	2	1.1	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,1,2,2-TETRACHLOROETHANE	0.29	U	ug/l	n	0.5	0.29	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	BENZENE	0.35	J	ug/l	y	0.5	0.29	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	TOLUENE	0.31	U	ug/l	n	0.75	0.31	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	ETHYLBENZENE	0.28	U	ug/l	n	0.5	0.28	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	CHLOROMETHANE	0.12	U	ug/l	n	2.5	0.12	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	BROMOMETHANE	0.36	UJ	ug/l	n	1	0.36	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	VINYL CHLORIDE	0.27	U	ug/l	n	1	0.27	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	CHLOROETHANE	0.36	U	ug/l	n	1	0.36	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,1-DICHLOROETHENE	0.38	U	ug/l	n	0.5	0.38	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	TRANS-1,2-DICHLOROETHENE	0.34	UJ	ug/l	n	0.75	0.34	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	TRICHLOROETHENE	0.34	U	ug/l	n	0.5	0.34	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,2-DICHLOROBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,3-DICHLOROBENZENE	0.2	U	ug/l	n	2.5	0.2	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,4-DICHLOROBENZENE	0.23	U	ug/l	n	2.5	0.23	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	METHYL TERT BUTYL ETHER	0.12	U	ug/l	n	1	0.12	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	P/M-XYLENE	2.1		ug/l	y	1	0.39	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	O-XYLENE	0.3	U	ug/l	n	1	0.3	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	CIS-1,2-DICHLOROETHENE	0.18	U	ug/l	n	0.5	0.18	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	DIBROMOMETHANE	0.19	U	ug/l	n	5	0.19	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,2,3-TRICHLOROPROPANE	0.23	U	ug/l	n	5	0.23	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	STYRENE	0.44	U	ug/l	n	1	0.44	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	DICHLORODIFLUOROMETHANE	0.3	U	ug/l	n	5	0.3	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	ACETONE	1.5	UJ	ug/l	n	5	1.5	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	CARBON DISULFIDE	0.27	UJ	ug/l	n	5	0.27	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	2-BUTANONE	1.7	UJ	ug/l	n	5	1.7	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	4-METHYL-2-PENTANONE	0.4	U	ug/l	n	5	0.4	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	2-HEXANONE	1.8	UJ	ug/l	n	5	1.8	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	BROMOCHLOROMETHANE	0.19	UJ	ug/l	n	2.5	0.19	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	2,2-DICHLOROPROPANE	0.63	U	ug/l	n	2.5	0.63	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,2-DIBROMOETHANE	0.23	U	ug/l	n	2	0.23	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,3-DICHLOROPROPANE	0.17	U	ug/l	n	2.5	0.17	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,1,1,2-TETRACHLOROETHANE	0.31	U	ug/l	n	0.5	0.31	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	BROMOBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	N-BUTYLBENZENE	0.41	U	ug/l	n	0.5	0.41	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	SEC-BUTYLBENZENE	0.4	U	ug/l	n	0.5	0.4	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	TERT-BUTYLBENZENE	0.29	U	ug/l	n	2.5	0.29	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	O-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	P-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,2-DIBROMO-3-CHLOROPROPANE	1.6	U	ug/l	n	2.5	1.6	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	HEXACHLOROBUTADIENE	0.43	U	ug/l	n	1	0.43	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	ISOPROPYLBENZENE	0.48	J	ug/l	y	0.5	0.26	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	P-ISOPROPYLTOLUENE	0.33	U	ug/l	n	0.5	0.33	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	NAPHTHALENE	0.41	U	ug/l	n	2.5	0.41	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	N-PROPYLBENZENE	0.32	J	ug/l	y	0.5	0.32	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,2,3-TRICHLOROBENZENE	0.38	U	ug/l	n	2.5	0.38	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,2,4-TRICHLOROBENZENE	0.28	U	ug/l	n	2.5	0.28	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,3,5-TRIMETHYLBENZENE	0.27	U	ug/l	n	2.5	0.27	1
8-GW07S-02	28-Jun-05	L0507237-07	8260B	1,2,4-TRIMETHYLBENZENE	0.98	J	ug/l	y	2.5	0.25	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	1,2,4-TRICHLOROBENZENE	1.2	U	ug/l	n	4.9	1.2	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	HEXACHLOROBENZENE	1.6	U	ug/l	n	4.9	1.6	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	BIS(2-CHLOROETHYL)ETHER	1.3	U	ug/l	n	4.9	1.3	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	1,2-DICHLOROBENZENE	1.1	U	ug/l	n	4.9	1.1	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	1,3-DICHLOROBENZENE	1	U	ug/l	n	4.9	1	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	1,4-DICHLOROBENZENE	0.94	U	ug/l	n	4.9	0.94	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	3,3'-DICHLOROBENZIDINE	2.5	U	ug/l	n	49	2.5	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	2,4-DINITROTOLUENE	0.47	U	ug/l	n	5.9	0.47	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	2,6-DINITROTOLUENE	0.94	UJ	ug/l	n	4.9	0.94	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	4-CHLOROPHENYL PHENYL ETHER	0.94	U	ug/l	n	4.9	0.94	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	4-BROMOPHENYL PHENYL ETHER	0.97	U	ug/l	n	4.9	0.97	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	BIS(2-CHLOROISOPROPYL)ETHER	2.1	U	ug/l	n	4.9	2.1	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW07S-02	28-Jun-05	L0507237-07	8270C	BIS(2-CHLOROETHOXY)METHANE	1.5	U	ug/l	n	4.9	1.5	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	HEXACHLOROBUTADIENE	2.1	U	ug/l	n	9.8	2.1	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	HEXACHLOROETHANE	0.95	U	ug/l	n	4.9	0.95	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	ISOPHORONE	1.6	U	ug/l	n	4.9	1.6	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	NITROBENZENE	1.5	U	ug/l	n	4.9	1.5	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	NITROSODIPHENYLAMINE(NDPA)/DPA	4.1	U	ug/l	n	15	4.1	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	N-NITROSODI-N-PROPYLAMINE	1.6	U	ug/l	n	4.9	1.6	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	BIS(2-ETHYLHEXYL)PHTHALATE	1.6	U	ug/l	n	9.8	1.6	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	BUTYL BENZYL PHTHALATE	0.66	U	ug/l	n	4.9	0.66	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	DI-N-BUTYLPHTHALATE	0.49	U	ug/l	n	4.9	0.49	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	DI-N-OCTYLPHTHALATE	0.53	U	ug/l	n	4.9	0.53	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	DIETHYL PHTHALATE	1.5	U	ug/l	n	4.9	1.5	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	DIMETHYL PHTHALATE	1.6	U	ug/l	n	4.9	1.6	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	4-CHLOROANILINE	1.4	U	ug/l	n	4.9	1.4	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	2-NITROANILINE	1.1	U	ug/l	n	4.9	1.1	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	3-NITROANILINE	1.1	U	ug/l	n	4.9	1.1	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	4-NITROANILINE	1.3	U	ug/l	n	6.8	1.3	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	DIBENZOFURAN	0.9	U	ug/l	n	4.9	0.9	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	2,4,6-TRICHLOROPHENOL	1.2	U	ug/l	n	4.9	1.2	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	P-CHLORO-M-CRESOL	1.4	U	ug/l	n	4.9	1.4	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	2-CHLOROPHENOL	1.8	U	ug/l	n	5.9	1.8	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	2,4-DICHLOROPHENOL	2	U	ug/l	n	9.8	2	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	2,4-DIMETHYLPHENOL	3	UJ	ug/l	n	9.8	3	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	2-NITROPHENOL	2.3	U	ug/l	n	20	2.3	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	4-NITROPHENOL	1.6	U	ug/l	n	9.8	1.6	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	2,4-DINITROPHENOL	1	U	ug/l	n	20	1	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	4,6-DINITRO-O-CRESOL	1.4	U	ug/l	n	20	1.4	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	PENTACHLOROPHENOL	1.5	U	ug/l	n	20	1.5	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	PHENOL	1.2	U	ug/l	n	6.8	1.2	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	2-METHYLPHENOL	1.5	U	ug/l	n	5.9	1.5	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	3-METHYLPHENOL/4-METHYLPHENOL	1.6	U	ug/l	n	5.9	1.6	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	2,4,5-TRICHLOROPHENOL	0.94	U	ug/l	n	4.9	0.94	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	BENZOIC ACID	0.97	U	ug/l	n	49	0.97	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C	CARBAZOLE	1.6	U	ug/l	n	4.9	1.6	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	ACENAPHTHENE	2.7		ug/l	y	0.2	0.035	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	2-CHLORONAPHTHALENE	0.041	UJ	ug/l	n	0.2	0.041	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	FLUORANTHENE	1.1	J	ug/l	y	0.2	0.039	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	NAPHTHALENE	0.71		ug/l	y	0.2	0.03	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	BENZO(A)ANTHRACENE	0.037	U	ug/l	n	0.2	0.037	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	BENZO(A)PYRENE	0.039	UJ	ug/l	n	0.2	0.039	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	BENZO(B)FLUORANTHENE	0.049	U	ug/l	n	0.2	0.049	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	BENZO(K)FLUORANTHENE	0.035	UJ	ug/l	n	0.2	0.035	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	CHRYSENE	0.024	U	ug/l	n	0.2	0.024	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	ACENAPHTHYLENE	0.029	UJ	ug/l	n	0.2	0.029	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	ANTHRACENE	0.23	J	ug/l	y	0.2	0.048	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	BENZO(GHI)PERYLENE	0.024	U	ug/l	n	0.24	0.024	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	FLUORENE	0.89		ug/l	y	0.2	0.024	1

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Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	PHENANTHRENE	0.65		ug/l	y	0.2	0.03	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	DIBENZO(A,H)ANTHRACENE	0.017	U	ug/l	n	0.2	0.017	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	INDENO(1,2,3-CD)PYRENE	0.025	U	ug/l	n	0.2	0.025	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	PYRENE	0.61	J	ug/l	y	0.2	0.045	1
8-GW07S-02	28-Jun-05	L0507237-07	8270C-SIM	2-METHYLNAPHTHALENE	0.14	J	ug/l	y	0.2	0.035	1
8-GW07S-02	28-Jun-05	L0507237-07	8082	AROCLOR 1221	0.07	U	ug/l	n	0.5	0.07	1
8-GW07S-02	28-Jun-05	L0507237-07	8082	AROCLOR 1232	0.15	U	ug/l	n	0.5	0.15	1
8-GW07S-02	28-Jun-05	L0507237-07	8082	AROCLOR 1242/1016	0.05	U	ug/l	n	0.5	0.05	1
8-GW07S-02	28-Jun-05	L0507237-07	8082	AROCLOR 1248	0.12	U	ug/l	n	0.5	0.12	1
8-GW07S-02	28-Jun-05	L0507237-07	8082	AROCLOR 1254	0.06	U	ug/l	n	0.5	0.06	1
8-GW07S-02	28-Jun-05	L0507237-07	8082	AROCLOR 1260	0.02	U	ug/l	n	0.5	0.02	1
8-GW07S-02	28-Jun-05	L0507237-07	8082	AROCLOR 1268	0.05	U	ug/l	n	0.5	0.05	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	DELTA-BHC	0.00206	U	ug/l	n	0.0206	0.00206	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	LINDANE	0.00309	U	ug/l	n	0.0206	0.00309	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	ALPHA-BHC	0.00309	U	ug/l	n	0.0206	0.00309	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	BETA-BHC	0.00515	U	ug/l	n	0.0206	0.00515	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	HEPTACHLOR	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	ALDRIN	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	HEPTACHLOR EPOXIDE	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	ENDRIN	0.0103	U	ug/l	n	0.0412	0.0103	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	ENDRIN ALDEHYDE	0.00928	U	ug/l	n	0.0412	0.00928	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	ENDRIN KETONE	0.00722	U	ug/l	n	0.0412	0.00722	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	DIELDRIN	0.00825	U	ug/l	n	0.0412	0.00825	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	4,4'-DDE	0.00722	U	ug/l	n	0.0412	0.00722	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	4,4'-DDD	0.0144	U	ug/l	n	0.0412	0.0144	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	4,4'-DDT	0.00722	U	ug/l	n	0.0412	0.00722	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	ENDOSULFAN I	0.00515	UJ	ug/l	n	0.0206	0.00515	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	ENDOSULFAN II	0.0144	U	ug/l	n	0.0412	0.0144	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	ENDOSULFAN SULFATE	0.00928	U	ug/l	n	0.0412	0.00928	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	METHOXYCHLOR	0.0412	U	ug/l	n	0.206	0.0412	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	TOXAPHENE	0.0773	U	ug/l	n	0.515	0.0773	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	HEXACHLOROBENZENE	0.00206	U	ug/l	n	0.206	0.00206	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	CIS-CHLORDANE	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW07S-02	28-Jun-05	L0507237-07	8081A	TRANS-CHLORDANE	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	BROMOCHLOROMETHANE	0.19	UJ	ug/l	n	2.5	0.19	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	2,2-DICHLOROPROPANE	0.63	U	ug/l	n	2.5	0.63	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,2-DIBROMOETHANE	0.23	U	ug/l	n	2	0.23	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,3-DICHLOROPROPANE	0.17	U	ug/l	n	2.5	0.17	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,1,1,2-TETRACHLOROETHANE	0.31	U	ug/l	n	0.5	0.31	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	BROMOBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	N-BUTYLBENZENE	0.41	U	ug/l	n	0.5	0.41	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	SEC-BUTYLBENZENE	0.4	U	ug/l	n	0.5	0.4	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	TERT-BUTYLBENZENE	0.29	U	ug/l	n	2.5	0.29	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	O-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	P-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,2-DIBROMO-3-CHLOROPROPANE	1.6	U	ug/l	n	2.5	1.6	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	HEXACHLOROBUTADIENE	0.43	U	ug/l	n	1	0.43	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW5S-02	28-Jun-05	L0507237-08	8260B	ISOPROPYLBENZENE	0.26	U	ug/l	n	0.5	0.26	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	P-ISOPROPYLTOLUENE	0.33	U	ug/l	n	0.5	0.33	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	NAPHTHALENE	0.41	U	ug/l	n	2.5	0.41	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	N-PROPYLBENZENE	0.32	U	ug/l	n	0.5	0.32	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,2,3-TRICHLOROBENZENE	0.38	U	ug/l	n	2.5	0.38	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,2,4-TRICHLOROBENZENE	0.28	U	ug/l	n	2.5	0.28	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,3,5-TRIMETHYLBENZENE	0.27	U	ug/l	n	2.5	0.27	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,2,4-TRIMETHYLBENZENE	0.25	U	ug/l	n	2.5	0.25	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	1,2,4-TRICHLOROBENZENE	1.2	U	ug/l	n	4.9	1.2	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	HEXACHLOROBENZENE	1.6	U	ug/l	n	4.9	1.6	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	BIS(2-CHLOROETHYL)ETHER	1.3	U	ug/l	n	4.9	1.3	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	1,2-DICHLOROBENZENE	1.1	U	ug/l	n	4.9	1.1	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	1,3-DICHLOROBENZENE	1	U	ug/l	n	4.9	1	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	1,4-DICHLOROBENZENE	0.94	U	ug/l	n	4.9	0.94	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	3,3'-DICHLOROBENZIDINE	2.5	U	ug/l	n	49	2.5	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	2,4-DINITROTOLUENE	0.47	U	ug/l	n	5.9	0.47	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	2,6-DINITROTOLUENE	0.94	UJ	ug/l	n	4.9	0.94	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	4-CHLOROPHENYL PHENYL ETHER	0.94	U	ug/l	n	4.9	0.94	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	4-BROMOPHENYL PHENYL ETHER	0.97	U	ug/l	n	4.9	0.97	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	BIS(2-CHLOROISOPROPYL)ETHER	2.1	U	ug/l	n	4.9	2.1	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	BIS(2-CHLOROETHOXY)METHANE	1.5	U	ug/l	n	4.9	1.5	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	HEXACHLOROBUTADIENE	2.1	U	ug/l	n	9.8	2.1	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	HEXACHLOROETHANE	0.95	U	ug/l	n	4.9	0.95	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	ISOPHORONE	1.6	U	ug/l	n	4.9	1.6	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	NITROBENZENE	1.5	U	ug/l	n	4.9	1.5	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	NITROSODIPHENYLAMINE(NDPA)/DPA	4.1	U	ug/l	n	15	4.1	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	N-NITROSODI-N-PROPYLAMINE	1.6	U	ug/l	n	4.9	1.6	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	BIS(2-ETHYLHEXYL)PHTHALATE	1.6	U	ug/l	n	9.8	1.6	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	BUTYL BENZYL PHTHALATE	0.66	U	ug/l	n	4.9	0.66	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	DI-N-BUTYLPHTHALATE	0.49	U	ug/l	n	4.9	0.49	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	DI-N-OCTYLPHTHALATE	0.53	U	ug/l	n	4.9	0.53	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	DIETHYL PHTHALATE	1.5	U	ug/l	n	4.9	1.5	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	DIMETHYL PHTHALATE	1.6	U	ug/l	n	4.9	1.6	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	4-CHLOROANILINE	1.4	U	ug/l	n	4.9	1.4	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	2-NITROANILINE	1.1	U	ug/l	n	4.9	1.1	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	3-NITROANILINE	1.1	U	ug/l	n	4.9	1.1	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	4-NITROANILINE	1.3	U	ug/l	n	6.8	1.3	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	DIBENZOFURAN	0.9	U	ug/l	n	4.9	0.9	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	2,4,6-TRICHLOROPHENOL	1.2	U	ug/l	n	4.9	1.2	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	P-CHLORO-M-CRESOL	1.4	U	ug/l	n	4.9	1.4	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	2-CHLOROPHENOL	1.8	U	ug/l	n	5.9	1.8	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	2,4-DICHLOROPHENOL	2	U	ug/l	n	9.8	2	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	2,4-DIMETHYLPHENOL	3	UJ	ug/l	n	9.8	3	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	2-NITROPHENOL	2.3	U	ug/l	n	20	2.3	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	4-NITROPHENOL	1.6	U	ug/l	n	9.8	1.6	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	2,4-DINITROPHENOL	1	U	ug/l	n	20	1	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	4,6-DINITRO-O-CRESOL	1.4	U	ug/l	n	20	1.4	1

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW5S-02	28-Jun-05	L0507237-08	8270C	PENTACHLOROPHENOL	1.5	U	ug/l	n	20	1.5	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	PHENOL	1.2	U	ug/l	n	6.8	1.2	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	2-METHYLPHENOL	1.5	U	ug/l	n	5.9	1.5	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	3-METHYLPHENOL/4-METHYLPHENOL	1.6	U	ug/l	n	5.9	1.6	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	2,4,5-TRICHLOROPHENOL	0.94	U	ug/l	n	4.9	0.94	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	BENZOIC ACID	0.97	U	ug/l	n	49	0.97	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C	CARBAZOLE	1.6	U	ug/l	n	4.9	1.6	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	ACENAPHTHENE	0.035	U	ug/l	n	0.2	0.035	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	2-CHLORONAPHTHALENE	0.041	UJ	ug/l	n	0.2	0.041	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	FLUORANTHENE	0.039	UJ	ug/l	n	0.2	0.039	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	NAPHTHALENE	0.03	U	ug/l	n	0.2	0.03	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	BENZO(A)ANTHRACENE	0.037	U	ug/l	n	0.2	0.037	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	BENZO(A)PYRENE	0.039	UJ	ug/l	n	0.2	0.039	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	BENZO(B)FLUORANTHENE	0.049	U	ug/l	n	0.2	0.049	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	BENZO(K)FLUORANTHENE	0.035	UJ	ug/l	n	0.2	0.035	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	CHRYSENE	0.023	U	ug/l	n	0.2	0.023	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	ACENAPHTHYLENE	0.029	UJ	ug/l	n	0.2	0.029	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	ANTHRACENE	0.048	UJ	ug/l	n	0.2	0.048	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	BENZO(GHI)PERYLENE	0.024	U	ug/l	n	0.24	0.024	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	FLUORENE	0.023	U	ug/l	n	0.2	0.023	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	PHENANTHRENE	0.051	J	ug/l	y	0.2	0.03	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	DIBENZO(A,H)ANTHRACENE	0.017	U	ug/l	n	0.2	0.017	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	INDENO(1,2,3-CD)PYRENE	0.025	U	ug/l	n	0.2	0.025	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	PYRENE	0.045	UJ	ug/l	n	0.2	0.045	1
8-GW5S-02	28-Jun-05	L0507237-08	8270C-SIM	2-METHYLNAPHTHALENE	0.035	U	ug/l	n	0.2	0.035	1
8-GW5S-02	28-Jun-05	L0507237-08	8082	AROCLOR 1221	0.07	U	ug/l	n	0.5	0.07	1
8-GW5S-02	28-Jun-05	L0507237-08	8082	AROCLOR 1232	0.15	U	ug/l	n	0.5	0.15	1
8-GW5S-02	28-Jun-05	L0507237-08	8082	AROCLOR 1242/1016	0.05	U	ug/l	n	0.5	0.05	1
8-GW5S-02	28-Jun-05	L0507237-08	8082	AROCLOR 1248	0.12	U	ug/l	n	0.5	0.12	1
8-GW5S-02	28-Jun-05	L0507237-08	8082	AROCLOR 1254	0.06	U	ug/l	n	0.5	0.06	1
8-GW5S-02	28-Jun-05	L0507237-08	8082	AROCLOR 1260	0.02	U	ug/l	n	0.5	0.02	1
8-GW5S-02	28-Jun-05	L0507237-08	8082	AROCLOR 1268	0.05	U	ug/l	n	0.5	0.05	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	DELTA-BHC	0.002	U	ug/l	n	0.02	0.002	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	LINDANE	0.003	U	ug/l	n	0.02	0.003	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	ALPHA-BHC	0.003	U	ug/l	n	0.02	0.003	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	BETA-BHC	0.005	U	ug/l	n	0.02	0.005	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	HEPTACHLOR	0.004	U	ug/l	n	0.02	0.004	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	ALDRIN	0.004	U	ug/l	n	0.02	0.004	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	HEPTACHLOR EPOXIDE	0.004	U	ug/l	n	0.02	0.004	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	ENDRIN	0.01	U	ug/l	n	0.04	0.01	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	ENDRIN ALDEHYDE	0.009	U	ug/l	n	0.04	0.009	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	ENDRIN KETONE	0.007	U	ug/l	n	0.04	0.007	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	DIELDRIN	0.008	U	ug/l	n	0.04	0.008	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	4,4'-DDE	0.007	U	ug/l	n	0.04	0.007	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	4,4'-DDD	0.014	U	ug/l	n	0.04	0.014	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	4,4'-DDT	0.007	U	ug/l	n	0.04	0.007	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	ENDOSULFAN I	0.005	UJ	ug/l	n	0.02	0.005	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW5S-02	28-Jun-05	L0507237-08	8081A	ENDOSULFAN II	0.014	U	ug/l	n	0.04	0.014	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	ENDOSULFAN SULFATE	0.009	U	ug/l	n	0.04	0.009	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	METHOXYCHLOR	0.04	U	ug/l	n	0.2	0.04	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	TOXAPHENE	0.075	U	ug/l	n	0.5	0.075	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	HEXACHLOROBENZENE	0.002	U	ug/l	n	0.2	0.002	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	CIS-CHLORDANE	0.004	U	ug/l	n	0.02	0.004	1
8-GW5S-02	28-Jun-05	L0507237-08	8081A	TRANS-CHLORDANE	0.004	U	ug/l	n	0.02	0.004	1
8-GW5S-02	28-Jun-05	L0507237-08	4500NO3-F	NITROGEN, NITRATE	0.29		mg/l	y	0.1	0.006	1
8-GW5S-02	28-Jun-05	L0507237-08	9038	SULFATE	1300		mg/l	y	500	71	50
8-GW5S-02	28-Jun-05	L0507237-08	2340B	HARDNESS	635	ZZZ	mg/l	y	1.7	0.021	1
8-GW5S-02	28-Jun-05	L0507237-08	2340B	HARDNESS	3100		mg/l	y	170	2.1	100
8-GW5S-02	28-Jun-05	L0507237-08	6010B	ALUMINUM, TOTAL	0.0065	U	mg/l	n	0.1	0.0065	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	ANTIMONY, TOTAL	0.0055	J	mg/l	y	0.05	0.0042	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	ARSENIC, TOTAL	0.0026	U	mg/l	n	0.004	0.0026	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	BARIUM, TOTAL	0.04		mg/l	y	0.01	0.0002	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	BERYLLIUM, TOTAL	0.0001	U	mg/l	n	0.004	0.0001	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	CADMIUM, TOTAL	0.0001	U	mg/l	n	0.005	0.0001	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	CALCIUM, TOTAL	90	ZZZ	mg/l	y	0.1	0.0058	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	CALCIUM, TOTAL	200		mg/l	y	10	0.58	100
8-GW5S-02	28-Jun-05	L0507237-08	6010B	CHROMIUM, TOTAL	0.001	J	mg/l	y	0.01	0.0008	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	COBALT, TOTAL	0.001	J	mg/l	y	0.02	0.0007	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	COPPER, TOTAL	0.008	J	mg/l	y	0.01	0.0008	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	IRON, TOTAL	0.2		mg/l	y	0.05	0.0099	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	LEAD, TOTAL	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	MAGNESIUM, TOTAL	100	ZZZ	mg/l	y	0.1	0.0056	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	MAGNESIUM, TOTAL	630		mg/l	y	10	0.56	100
8-GW5S-02	28-Jun-05	L0507237-08	6010B	MANGANESE, TOTAL	0.01		mg/l	y	0.01	0.0002	1
8-GW5S-02	28-Jun-05	L0507237-08	7470A	MERCURY, TOTAL	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	MOLYBDENUM, TOTAL	0.003	U	mg/l	y	0.05	0.0009	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	NICKEL, TOTAL	0.0029	U	mg/l	y	0.025	0.0007	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	POTASSIUM, TOTAL	100	ZZZ	mg/l	y	2.5	0.056	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	POTASSIUM, TOTAL	300		mg/l	y	250	5.6	100
8-GW5S-02	28-Jun-05	L0507237-08	6010B	SELENIUM, TOTAL	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	SILVER, TOTAL	0.0013	U	mg/l	y	0.007	0.0005	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	SODIUM, TOTAL	100	ZZZ	mg/l	y	2	0.076	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	SODIUM, TOTAL	4900		mg/l	y	200	7.6	100
8-GW5S-02	28-Jun-05	L0507237-08	6010B	THALLIUM, TOTAL	0.0038	U	mg/l	y	0.005	0.0013	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	VANADIUM, TOTAL	0.002	J	mg/l	y	0.01	0.0007	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	ZINC, TOTAL	0.032	J	mg/l	y	0.05	0.0025	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	ALUMINUM, DISSOLVED	0.0065	U	mg/l	n	0.1	0.0065	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	ANTIMONY, DISSOLVED	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	ARSENIC, DISSOLVED	0.0026	U	mg/l	n	0.004	0.0026	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	BARIUM, DISSOLVED	0.04		mg/l	y	0.01	0.0002	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	BERYLLIUM, DISSOLVED	0.0001	U	mg/l	n	0.004	0.0001	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	CADMIUM, DISSOLVED	0.0001	U	mg/l	n	0.005	0.0001	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	CALCIUM, DISSOLVED	90	ZZZ	mg/l	y	0.1	0.0058	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	CALCIUM, DISSOLVED	200		mg/l	y	10	0.58	100

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW5S-02	28-Jun-05	L0507237-08	6010B	CHROMIUM, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	COBALT, DISSOLVED	0.001	J	mg/l	y	0.02	0.0007	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	COPPER, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	IRON, DISSOLVED	0.14		mg/l	y	0.05	0.0099	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	LEAD, DISSOLVED	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	MAGNESIUM, DISSOLVED	100	ZZZ	mg/l	y	0.1	0.0056	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	MAGNESIUM, DISSOLVED	620		mg/l	y	10	0.56	100
8-GW5S-02	28-Jun-05	L0507237-08	6010B	MANGANESE, DISSOLVED	0.01		mg/l	y	0.01	0.0002	1
8-GW5S-02	28-Jun-05	L0507237-08	7470A	MERCURY, DISSOLVED	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	MOLYBDENUM, DISSOLVED	0.002	U	mg/l	y	0.05	0.0009	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	NICKEL, DISSOLVED	0.0027	U	mg/l	y	0.025	0.0007	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	POTASSIUM, DISSOLVED	100	ZZZ	mg/l	y	2.5	0.056	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	POTASSIUM, DISSOLVED	300		mg/l	y	250	5.6	100
8-GW5S-02	28-Jun-05	L0507237-08	6010B	SELENIUM, DISSOLVED	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	SILVER, DISSOLVED	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	SODIUM, DISSOLVED	100	ZZZ	mg/l	y	2	0.076	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	SODIUM, DISSOLVED	4800		mg/l	y	200	7.6	100
8-GW5S-02	28-Jun-05	L0507237-08	6010B	THALLIUM, DISSOLVED	0.0039	U	mg/l	y	0.005	0.0013	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	VANADIUM, DISSOLVED	0.001	J	mg/l	y	0.01	0.0007	1
8-GW5S-02	28-Jun-05	L0507237-08	6010B	ZINC, DISSOLVED	0.025	J	mg/l	y	0.05	0.0025	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	METHYLENE CHLORIDE	0.37	UJ	ug/l	n	5	0.37	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,1-DICHLOROETHANE	0.19	UJ	ug/l	n	0.75	0.19	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	CHLOROFORM	0.14	U	ug/l	n	0.75	0.14	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	CARBON TETRACHLORIDE	0.38	U	ug/l	n	0.5	0.38	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,2-DICHLOROPROPANE	0.24	U	ug/l	n	1.8	0.24	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	DIBROMOCHLOROMETHANE	0.19	U	ug/l	n	0.5	0.19	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,1,2-TRICHLOROETHANE	0.16	U	ug/l	n	0.75	0.16	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	TETRACHLOROETHENE	0.43	U	ug/l	n	0.5	0.43	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	CHLOROBENZENE	0.32	U	ug/l	n	0.5	0.32	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	TRICHLOROFLUOROMETHANE	0.29	U	ug/l	n	2.5	0.29	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,2-DICHLOROETHANE	0.14	U	ug/l	n	0.5	0.14	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,1,1-TRICHLOROETHANE	0.25	U	ug/l	n	0.5	0.25	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	BROMODICHLOROMETHANE	0.24	U	ug/l	n	0.5	0.24	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	TRANS-1,3-DICHLOROPROPENE	0.24	U	ug/l	n	0.5	0.24	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	CIS-1,3-DICHLOROPROPENE	0.13	U	ug/l	n	0.5	0.13	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,1-DICHLOROPROPENE	0.34	U	ug/l	n	2.5	0.34	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	BROMOFORM	1.1	U	ug/l	n	2	1.1	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,1,2,2-TETRACHLOROETHANE	0.29	U	ug/l	n	0.5	0.29	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	BENZENE	0.29	UJ	ug/l	n	0.5	0.29	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	TOLUENE	0.31	U	ug/l	n	0.75	0.31	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	ETHYLBENZENE	0.28	U	ug/l	n	0.5	0.28	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	CHLOROMETHANE	0.12	U	ug/l	n	2.5	0.12	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	BROMOMETHANE	0.36	UJ	ug/l	n	1	0.36	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	VINYL CHLORIDE	0.27	U	ug/l	n	1	0.27	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	CHLOROETHANE	0.36	U	ug/l	n	1	0.36	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,1-DICHLOROETHENE	0.38	U	ug/l	n	0.5	0.38	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	TRANS-1,2-DICHLOROETHENE	0.34	UJ	ug/l	n	0.75	0.34	1

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Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW5S-02	28-Jun-05	L0507237-08	8260B	TRICHLOROETHENE	0.34	U	ug/l	n	0.5	0.34	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,2-DICHLOROBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,3-DICHLOROBENZENE	0.2	U	ug/l	n	2.5	0.2	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,4-DICHLOROBENZENE	0.23	U	ug/l	n	2.5	0.23	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	METHYL TERT BUTYL ETHER	0.12	U	ug/l	n	1	0.12	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	P/M-XYLENE	0.39	U	ug/l	n	1	0.39	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	O-XYLENE	0.3	U	ug/l	n	1	0.3	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	CIS-1,2-DICHLOROETHENE	0.18	U	ug/l	n	0.5	0.18	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	DIBROMOMETHANE	0.19	U	ug/l	n	5	0.19	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	1,2,3-TRICHLOROPROPANE	0.23	U	ug/l	n	5	0.23	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	STYRENE	0.44	U	ug/l	n	1	0.44	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	DICHLORODIFLUOROMETHANE	0.3	U	ug/l	n	5	0.3	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	ACETONE	1.5	UJ	ug/l	n	5	1.5	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	CARBON DISULFIDE	0.27	UJ	ug/l	n	5	0.27	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	2-BUTANONE	1.7	UJ	ug/l	n	5	1.7	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	4-METHYL-2-PENTANONE	0.4	U	ug/l	n	5	0.4	1
8-GW5S-02	28-Jun-05	L0507237-08	8260B	2-HEXANONE	1.8	UJ	ug/l	n	5	1.8	1
8-GW08D-02	29-Jun-05	L0507237-09	4500NO3-F	NITROGEN, NITRATE	0.39	J	mg/l	y	0.1	0.006	1
8-GW08D-02	29-Jun-05	L0507237-09	9038	SULFATE	9.9	J	mg/l	y	10	1.4	1
8-GW08D-02	29-Jun-05	L0507237-09	2340B	HARDNESS	46		mg/l	y	1.7	0.021	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	ALUMINUM, TOTAL	0.051	U	mg/l	y	0.1	0.0065	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	ANTIMONY, TOTAL	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	ARSENIC, TOTAL	0.0026	U	mg/l	n	0.004	0.0026	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	BARIUM, TOTAL	0.01		mg/l	y	0.01	0.0002	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	BERYLLIUM, TOTAL	0.0001	U	mg/l	n	0.004	0.0001	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	CADMIUM, TOTAL	0.0001	U	mg/l	y	0.005	0.0001	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	CALCIUM, TOTAL	14		mg/l	y	0.1	0.0058	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	CHROMIUM, TOTAL	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	COBALT, TOTAL	0.0007	UJ	mg/l	n	0.02	0.0007	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	COPPER, TOTAL	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	IRON, TOTAL	0.027	J	mg/l	y	0.05	0.0099	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	LEAD, TOTAL	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	MAGNESIUM, TOTAL	2.3		mg/l	y	0.1	0.0056	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	MANGANESE, TOTAL	0.06		mg/l	y	0.01	0.0002	1
8-GW08D-02	29-Jun-05	L0507237-09	7470A	MERCURY, TOTAL	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	MOLYBDENUM, TOTAL	0.0009	U	mg/l	n	0.05	0.0009	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	NICKEL, TOTAL	0.0014	U	mg/l	y	0.025	0.0007	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	POTASSIUM, TOTAL	3.6	U	mg/l	y	2.5	0.056	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	SELENIUM, TOTAL	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	SILVER, TOTAL	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	SODIUM, TOTAL	30		mg/l	y	2	0.076	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	THALLIUM, TOTAL	0.0013	U	mg/l	n	0.005	0.0013	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	VANADIUM, TOTAL	0.0007	UJ	mg/l	n	0.01	0.0007	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	ZINC, TOTAL	0.009	J	mg/l	y	0.05	0.0025	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	ALUMINUM, DISSOLVED	0.013	U	mg/l	y	0.1	0.0065	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	ANTIMONY, DISSOLVED	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	ARSENIC, DISSOLVED	0.0026	U	mg/l	n	0.004	0.0026	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW08D-02	29-Jun-05	L0507237-09	6010B	BARIUM, DISSOLVED	0.01		mg/l	y	0.01	0.0002	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	BERYLLIUM, DISSOLVED	0.0001	U	mg/l	n	0.004	0.0001	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	CADMIUM, DISSOLVED	0.0001	U	mg/l	n	0.005	0.0001	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	CALCIUM, DISSOLVED	14		mg/l	y	0.1	0.0058	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	CHROMIUM, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	COBALT, DISSOLVED	0.0007	U	mg/l	n	0.02	0.0007	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	COPPER, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	IRON, DISSOLVED	0.0099	U	mg/l	n	0.05	0.0099	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	LEAD, DISSOLVED	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	MAGNESIUM, DISSOLVED	2.2		mg/l	y	0.1	0.0056	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	MANGANESE, DISSOLVED	0.04		mg/l	y	0.01	0.0002	1
8-GW08D-02	29-Jun-05	L0507237-09	7470A	MERCURY, DISSOLVED	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	MOLYBDENUM, DISSOLVED	0.0009	U	mg/l	n	0.05	0.0009	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	NICKEL, DISSOLVED	0.0011	U	mg/l	y	0.025	0.0007	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	POTASSIUM, DISSOLVED	3.5	U	mg/l	y	2.5	0.056	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	SELENIUM, DISSOLVED	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	SILVER, DISSOLVED	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	SODIUM, DISSOLVED	29		mg/l	y	2	0.076	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	THALLIUM, DISSOLVED	0.0018	U	mg/l	y	0.005	0.0013	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	VANADIUM, DISSOLVED	0.0007	U	mg/l	n	0.01	0.0007	1
8-GW08D-02	29-Jun-05	L0507237-09	6010B	ZINC, DISSOLVED	0.008	J	mg/l	y	0.05	0.0025	1
8-GW08D-02	29-Jun-05	L0507237-09	8260B	METHYLENE CHLORIDE	18	U	ug/l	n	250	18	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,1-DICHLOROETHANE	9.5	U	ug/l	n	38	9.5	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	CHLOROFORM	12	U	ug/l	y	38	7	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	CARBON TETRACHLORIDE	19	U	ug/l	n	25	19	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,2-DICHLOROPROPANE	12	U	ug/l	n	88	12	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	DIBROMOCHLOROMETHANE	9.5	U	ug/l	n	25	9.5	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,1,2-TRICHLOROETHANE	8	U	ug/l	n	38	8	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	TETRACHLOROETHENE	3200		ug/l	y	25	22	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	CHLOROBENZENE	16	U	ug/l	n	25	16	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	TRICHLOROFLUOROMETHANE	14	U	ug/l	n	120	14	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,2-DICHLOROETHANE	7	U	ug/l	n	25	7	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,1,1-TRICHLOROETHANE	12	U	ug/l	n	25	12	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	BROMODICHLOROMETHANE	12	U	ug/l	n	25	12	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	TRANS-1,3-DICHLOROPROPENE	12	U	ug/l	n	25	12	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	CIS-1,3-DICHLOROPROPENE	6.5	U	ug/l	n	25	6.5	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,1-DICHLOROPROPENE	35	J	ug/l	y	120	17	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	BROMOFORM	54	U	ug/l	n	100	54	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,1,2,2-TETRACHLOROETHANE	14	U	ug/l	n	25	14	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	BENZENE	14	U	ug/l	n	25	14	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	TOLUENE	16	U	ug/l	n	38	16	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	ETHYLBENZENE	14	U	ug/l	n	25	14	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	CHLOROMETHANE	6	U	ug/l	n	120	6	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	BROMOMETHANE	18	U	ug/l	n	50	18	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	VINYL CHLORIDE	14	U	ug/l	n	50	14	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	CHLOROETHANE	18	U	ug/l	n	50	18	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,1-DICHLOROETHENE	19	U	ug/l	n	25	19	50

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW08D-02	29-Jun-05	L0507237-09	8260B	TRANS-1,2-DICHLOROETHENE	17	U	ug/l	n	38	17	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	TRICHLOROETHENE	17	U	ug/l	n	25	17	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,2-DICHLOROBENZENE	7.5	U	ug/l	n	120	7.5	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,3-DICHLOROBENZENE	10	U	ug/l	n	120	10	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,4-DICHLOROBENZENE	12	U	ug/l	n	120	12	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	METHYL TERT BUTYL ETHER	6	U	ug/l	n	50	6	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	P/M-XYLENE	20	U	ug/l	n	50	20	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	O-XYLENE	15	U	ug/l	n	50	15	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	CIS-1,2-DICHLOROETHENE	9	U	ug/l	n	25	9	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	DIBROMOMETHANE	9.5	U	ug/l	n	250	9.5	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,2,3-TRICHLOROPROPANE	12	U	ug/l	n	250	12	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	STYRENE	22	U	ug/l	n	50	22	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	DICHLORODIFLUOROMETHANE	15	UJ	ug/l	n	250	15	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	ACETONE	74	U	ug/l	n	250	74	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	CARBON DISULFIDE	14	U	ug/l	n	250	14	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	2-BUTANONE	83	U	ug/l	n	250	83	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	4-METHYL-2-PENTANONE	20	U	ug/l	n	250	20	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	2-HEXANONE	90	U	ug/l	n	250	90	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	BROMOCHLOROMETHANE	9.5	U	ug/l	n	120	9.5	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	2,2-DICHLOROPROPANE	32	U	ug/l	n	120	32	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,2-DIBROMOETHANE	12	U	ug/l	n	100	12	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,3-DICHLOROPROPANE	8.5	U	ug/l	n	120	8.5	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,1,1,2-TETRACHLOROETHANE	16	U	ug/l	n	25	16	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	BROMOBENZENE	7.5	U	ug/l	n	120	7.5	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	N-BUTYLBENZENE	20	U	ug/l	n	25	20	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	SEC-BUTYLBENZENE	20	U	ug/l	n	25	20	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	TERT-BUTYLBENZENE	14	U	ug/l	n	120	14	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	O-CHLOROTOLUENE	12	U	ug/l	n	120	12	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	P-CHLOROTOLUENE	12	U	ug/l	n	120	12	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,2-DIBROMO-3-CHLOROPROPANE	79	U	ug/l	n	120	79	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	HEXACHLOROBUTADIENE	22	U	ug/l	n	50	22	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	ISOPROPYLBENZENE	13	U	ug/l	n	25	13	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	P-ISOPROPYLTOLUENE	16	U	ug/l	n	25	16	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	NAPHTHALENE	20	U	ug/l	n	120	20	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	N-PROPYLBENZENE	16	U	ug/l	n	25	16	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,2,3-TRICHLOROBENZENE	19	U	ug/l	n	120	19	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,2,4-TRICHLOROBENZENE	14	U	ug/l	n	120	14	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,3,5-TRIMETHYLBENZENE	14	U	ug/l	n	120	14	50
8-GW08D-02	29-Jun-05	L0507237-09	8260B	1,2,4-TRIMETHYLBENZENE	12	U	ug/l	n	120	12	50
8-GW08D-02	29-Jun-05	L0507237-09	8270C	1,2,4-TRICHLOROBENZENE	1.2	U	ug/l	n	4.8	1.2	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	HEXACHLOROBENZENE	1.5	U	ug/l	n	4.8	1.5	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	BIS(2-CHLOROETHYL)ETHER	1.3	U	ug/l	n	4.8	1.3	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	1,2-DICHLOROBENZENE	1.1	U	ug/l	n	4.8	1.1	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	1,3-DICHLOROBENZENE	1	U	ug/l	n	4.8	1	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	1,4-DICHLOROBENZENE	0.93	U	ug/l	n	4.8	0.93	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	3,3'-DICHLOROBENZIDINE	2.5	U	ug/l	n	48	2.5	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	2,4-DINITROTOLUENE	0.46	U	ug/l	n	5.8	0.46	1

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Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW08D-02	29-Jun-05	L0507237-09	8270C	2,6-DINITROTOLUENE	0.93	UJ	ug/l	n	4.8	0.93	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	4-CHLOROPHENYL PHENYL ETHER	0.93	U	ug/l	n	4.8	0.93	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	4-BROMOPHENYL PHENYL ETHER	0.96	U	ug/l	n	4.8	0.96	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	BIS(2-CHLOROISOPROPYL)ETHER	2.1	U	ug/l	n	4.8	2.1	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	BIS(2-CHLOROETHOXY)METHANE	1.5	U	ug/l	n	4.8	1.5	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	HEXACHLOROBUTADIENE	2	U	ug/l	n	9.7	2	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	HEXACHLOROETHANE	0.94	U	ug/l	n	4.8	0.94	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	ISOPHORONE	1.5	U	ug/l	n	4.8	1.5	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	NITROBENZENE	1.5	U	ug/l	n	4.8	1.5	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	NITROSODIPHENYLAMINE(NDPA)/DPA	4.1	U	ug/l	n	14	4.1	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	N-NITROSODI-N-PROPYLAMINE	1.6	U	ug/l	n	4.8	1.6	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	BIS(2-ETHYLHEXYL)PHTHALATE	1.6	U	ug/l	n	9.7	1.6	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	BUTYL BENZYL PHTHALATE	0.65	U	ug/l	n	4.8	0.65	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	DI-N-BUTYLPHTHALATE	0.48	U	ug/l	n	4.8	0.48	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	DI-N-OCTYLPHTHALATE	0.52	U	ug/l	n	4.8	0.52	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	DIETHYL PHTHALATE	1.5	U	ug/l	n	4.8	1.5	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	DIMETHYL PHTHALATE	1.6	U	ug/l	n	4.8	1.6	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	4-CHLOROANILINE	1.4	U	ug/l	n	4.8	1.4	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	2-NITROANILINE	1.1	U	ug/l	n	4.8	1.1	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	3-NITROANILINE	1.1	U	ug/l	n	4.8	1.1	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	4-NITROANILINE	1.2	U	ug/l	n	6.8	1.2	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	DIBENZOFURAN	0.89	U	ug/l	n	4.8	0.89	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	2,4,6-TRICHLOROPHENOL	1.2	U	ug/l	n	4.8	1.2	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	P-CHLORO-M-CRESOL	1.4	U	ug/l	n	4.8	1.4	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	2-CHLOROPHENOL	1.7	U	ug/l	n	5.8	1.7	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	2,4-DICHLOROPHENOL	2	U	ug/l	n	9.7	2	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	2,4-DIMETHYLPHENOL	3	UJ	ug/l	n	9.7	3	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	2-NITROPHENOL	2.3	U	ug/l	n	19	2.3	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	4-NITROPHENOL	1.6	U	ug/l	n	9.7	1.6	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	2,4-DINITROPHENOL	1	U	ug/l	n	19	1	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	4,6-DINITRO-O-CRESOL	1.4	U	ug/l	n	19	1.4	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	PENTACHLOROPHENOL	1.5	U	ug/l	n	19	1.5	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	PHENOL	1.2	U	ug/l	n	6.8	1.2	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	2-METHYLPHENOL	1.5	U	ug/l	n	5.8	1.5	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	3-METHYLPHENOL/4-METHYLPHENOL	1.5	U	ug/l	n	5.8	1.5	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	2,4,5-TRICHLOROPHENOL	0.93	U	ug/l	n	4.8	0.93	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	BENZOIC ACID	0.96	U	ug/l	n	48	0.96	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C	CARBAZOLE	1.6	U	ug/l	n	4.8	1.6	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	ACENAPHTHENE	0.035	U	ug/l	n	0.19	0.035	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	2-CHLORONAPHTHALENE	0.041	UJ	ug/l	n	0.19	0.041	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	FLUORANTHENE	0.039	UJ	ug/l	n	0.19	0.039	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	NAPHTHALENE	0.03	U	ug/l	n	0.19	0.03	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	BENZO(A)ANTHRACENE	0.037	U	ug/l	n	0.19	0.037	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	BENZO(A)PYRENE	0.039	UJ	ug/l	n	0.19	0.039	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	BENZO(B)FLUORANTHENE	0.048	U	ug/l	n	0.19	0.048	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	BENZO(K)FLUORANTHENE	0.035	UJ	ug/l	n	0.19	0.035	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	CHRYSENE	0.023	U	ug/l	n	0.19	0.023	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	ACENAPHTHYLENE	0.029	UJ	ug/l	n	0.19	0.029	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	ANTHRACENE	0.047	UJ	ug/l	n	0.19	0.047	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	BENZO(GHI)PERYLENE	0.024	U	ug/l	n	0.24	0.024	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	FLUORENE	0.023	U	ug/l	n	0.19	0.023	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	PHENANTHRENE	0.03	U	ug/l	n	0.19	0.03	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	DIBENZO(A,H)ANTHRACENE	0.016	U	ug/l	n	0.19	0.016	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	INDENO(1,2,3-CD)PYRENE	0.025	U	ug/l	n	0.19	0.025	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	PYRENE	0.044	UJ	ug/l	n	0.19	0.044	1
8-GW08D-02	29-Jun-05	L0507237-09	8270C-SIM	2-METHYLNAPHTHALENE	0.035	U	ug/l	n	0.19	0.035	1
8-GW08D-02	29-Jun-05	L0507237-09	8082	AROCLOR 1221	0.07	U	ug/l	n	0.5	0.07	1
8-GW08D-02	29-Jun-05	L0507237-09	8082	AROCLOR 1232	0.15	U	ug/l	n	0.5	0.15	1
8-GW08D-02	29-Jun-05	L0507237-09	8082	AROCLOR 1242/1016	0.05	U	ug/l	n	0.5	0.05	1
8-GW08D-02	29-Jun-05	L0507237-09	8082	AROCLOR 1248	0.12	U	ug/l	n	0.5	0.12	1
8-GW08D-02	29-Jun-05	L0507237-09	8082	AROCLOR 1254	0.06	U	ug/l	n	0.5	0.06	1
8-GW08D-02	29-Jun-05	L0507237-09	8082	AROCLOR 1260	0.02	U	ug/l	n	0.5	0.02	1
8-GW08D-02	29-Jun-05	L0507237-09	8082	AROCLOR 1268	0.05	U	ug/l	n	0.5	0.05	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	DELTA-BHC	0.00206	U	ug/l	n	0.0206	0.00206	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	LINDANE	0.00309	U	ug/l	n	0.0206	0.00309	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	ALPHA-BHC	0.00309	U	ug/l	n	0.0206	0.00309	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	BETA-BHC	0.00515	U	ug/l	n	0.0206	0.00515	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	HEPTACHLOR	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	ALDRIN	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	HEPTACHLOR EPOXIDE	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	ENDRIN	0.0103	U	ug/l	n	0.0412	0.0103	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	ENDRIN ALDEHYDE	0.00928	U	ug/l	n	0.0412	0.00928	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	ENDRIN KETONE	0.00722	U	ug/l	n	0.0412	0.00722	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	DIELDRIN	0.00825	U	ug/l	n	0.0412	0.00825	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	4,4'-DDE	0.00722	U	ug/l	n	0.0412	0.00722	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	4,4'-DDD	0.0144	U	ug/l	n	0.0412	0.0144	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	4,4'-DDT	0.00722	U	ug/l	n	0.0412	0.00722	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	ENDOSULFAN I	0.00515	UJ	ug/l	n	0.0206	0.00515	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	ENDOSULFAN II	0.0144	U	ug/l	n	0.0412	0.0144	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	ENDOSULFAN SULFATE	0.00928	U	ug/l	n	0.0412	0.00928	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	METHOXYCHLOR	0.0412	U	ug/l	n	0.206	0.0412	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	TOXAPHENE	0.0773	U	ug/l	n	0.515	0.0773	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	HEXACHLOROBENZENE	0.00206	U	ug/l	n	0.206	0.00206	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	CIS-CHLORDANE	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW08D-02	29-Jun-05	L0507237-09	8081A	TRANS-CHLORDANE	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW062905	29-Jun-05	L0507237-10	6010B	CALCIUM, TOTAL	15		mg/l	y	0.1	0.0058	1
8-GW062905	29-Jun-05	L0507237-10	6010B	CHROMIUM, TOTAL	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW062905	29-Jun-05	L0507237-10	6010B	COBALT, TOTAL	0.001	J	mg/l	y	0.02	0.0007	1
8-GW062905	29-Jun-05	L0507237-10	6010B	COPPER, TOTAL	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW062905	29-Jun-05	L0507237-10	6010B	IRON, TOTAL	0.042	J	mg/l	y	0.05	0.0099	1
8-GW062905	29-Jun-05	L0507237-10	6010B	LEAD, TOTAL	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW062905	29-Jun-05	L0507237-10	6010B	MAGNESIUM, TOTAL	2.3		mg/l	y	0.1	0.0056	1
8-GW062905	29-Jun-05	L0507237-10	6010B	MANGANESE, TOTAL	0.07		mg/l	y	0.01	0.0002	1
8-GW062905	29-Jun-05	L0507237-10	7470A	MERCURY, TOTAL	0.000014	U	mg/l	n	0.0002	0.000014	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW062905	29-Jun-05	L0507237-10	6010B	MOLYBDENUM, TOTAL	0.008	J	mg/l	y	0.05	0.0009	1
8-GW062905	29-Jun-05	L0507237-10	6010B	NICKEL, TOTAL	0.0013	U	mg/l	y	0.025	0.0007	1
8-GW062905	29-Jun-05	L0507237-10	6010B	POTASSIUM, TOTAL	3.5	U	mg/l	y	2.5	0.056	1
8-GW062905	29-Jun-05	L0507237-10	6010B	SELENIUM, TOTAL	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW062905	29-Jun-05	L0507237-10	6010B	SILVER, TOTAL	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW062905	29-Jun-05	L0507237-10	6010B	SODIUM, TOTAL	30		mg/l	y	2	0.076	1
8-GW062905	29-Jun-05	L0507237-10	6010B	THALLIUM, TOTAL	0.0018	U	mg/l	y	0.005	0.0013	1
8-GW062905	29-Jun-05	L0507237-10	6010B	VANADIUM, TOTAL	0.001	J	mg/l	y	0.01	0.0007	1
8-GW062905	29-Jun-05	L0507237-10	6010B	ZINC, TOTAL	0.01	J	mg/l	y	0.05	0.0025	1
8-GW062905	29-Jun-05	L0507237-10	6010B	ALUMINUM, DISSOLVED	0.0065	U	mg/l	n	0.1	0.0065	1
8-GW062905	29-Jun-05	L0507237-10	6010B	ANTIMONY, DISSOLVED	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW062905	29-Jun-05	L0507237-10	6010B	ARSENIC, DISSOLVED	0.0026	U	mg/l	n	0.004	0.0026	1
8-GW062905	29-Jun-05	L0507237-10	6010B	BARIUM, DISSOLVED	0.01		mg/l	y	0.01	0.0002	1
8-GW062905	29-Jun-05	L0507237-10	6010B	BERYLLIUM, DISSOLVED	0.0001	U	mg/l	n	0.004	0.0001	1
8-GW062905	29-Jun-05	L0507237-10	6010B	CADMIUM, DISSOLVED	0.0001	U	mg/l	y	0.005	0.0001	1
8-GW062905	29-Jun-05	L0507237-10	6010B	CALCIUM, DISSOLVED	13		mg/l	y	0.1	0.0058	1
8-GW062905	29-Jun-05	L0507237-10	6010B	CHROMIUM, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW062905	29-Jun-05	L0507237-10	6010B	COBALT, DISSOLVED	0.0007	U	mg/l	n	0.02	0.0007	1
8-GW062905	29-Jun-05	L0507237-10	6010B	COPPER, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW062905	29-Jun-05	L0507237-10	6010B	IRON, DISSOLVED	0.0099	U	mg/l	n	0.05	0.0099	1
8-GW062905	29-Jun-05	L0507237-10	6010B	LEAD, DISSOLVED	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW062905	29-Jun-05	L0507237-10	6010B	MAGNESIUM, DISSOLVED	2.2		mg/l	y	0.1	0.0056	1
8-GW062905	29-Jun-05	L0507237-10	6010B	MANGANESE, DISSOLVED	0.03		mg/l	y	0.01	0.0002	1
8-GW062905	29-Jun-05	L0507237-10	7470A	MERCURY, DISSOLVED	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW062905	29-Jun-05	L0507237-10	6010B	MOLYBDENUM, DISSOLVED	0.006	U	mg/l	y	0.05	0.0009	1
8-GW062905	29-Jun-05	L0507237-10	6010B	NICKEL, DISSOLVED	0.0015	U	mg/l	y	0.025	0.0007	1
8-GW062905	29-Jun-05	L0507237-10	6010B	POTASSIUM, DISSOLVED	3.4	U	mg/l	y	2.5	0.056	1
8-GW062905	29-Jun-05	L0507237-10	6010B	SELENIUM, DISSOLVED	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW062905	29-Jun-05	L0507237-10	6010B	SILVER, DISSOLVED	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW062905	29-Jun-05	L0507237-10	6010B	SODIUM, DISSOLVED	28		mg/l	y	2	0.076	1
8-GW062905	29-Jun-05	L0507237-10	6010B	THALLIUM, DISSOLVED	0.0013	U	mg/l	n	0.005	0.0013	1
8-GW062905	29-Jun-05	L0507237-10	6010B	VANADIUM, DISSOLVED	0.0007	U	mg/l	n	0.01	0.0007	1
8-GW062905	29-Jun-05	L0507237-10	6010B	ZINC, DISSOLVED	0.008	J	mg/l	y	0.05	0.0025	1
8-GW062905	29-Jun-05	L0507237-10	8260B	METHYLENE CHLORIDE	18	U	ug/l	n	250	18	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,1-DICHLOROETHANE	9.5	U	ug/l	n	38	9.5	50
8-GW062905	29-Jun-05	L0507237-10	8260B	CHLOROFORM	10	U	ug/l	y	38	7	50
8-GW062905	29-Jun-05	L0507237-10	8260B	CARBON TETRACHLORIDE	19	U	ug/l	n	25	19	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,2-DICHLOROPROPANE	12	U	ug/l	n	88	12	50
8-GW062905	29-Jun-05	L0507237-10	8260B	DIBROMOCHLOROMETHANE	9.5	U	ug/l	n	25	9.5	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,1,2-TRICHLOROETHANE	8	U	ug/l	n	38	8	50
8-GW062905	29-Jun-05	L0507237-10	8260B	TETRACHLOROETHENE	3100		ug/l	y	25	22	50
8-GW062905	29-Jun-05	L0507237-10	8260B	CHLOROBENZENE	16	U	ug/l	n	25	16	50
8-GW062905	29-Jun-05	L0507237-10	8260B	TRICHLOROFLUOROMETHANE	14	U	ug/l	n	120	14	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,2-DICHLOROETHANE	7	U	ug/l	n	25	7	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,1,1-TRICHLOROETHANE	12	U	ug/l	n	25	12	50
8-GW062905	29-Jun-05	L0507237-10	8260B	BROMODICHLOROMETHANE	12	U	ug/l	n	25	12	50
8-GW062905	29-Jun-05	L0507237-10	8260B	TRANS-1,3-DICHLOROPROPENE	12	U	ug/l	n	25	12	50

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW062905	29-Jun-05	L0507237-10	8260B	CIS-1,3-DICHLOROPROPENE	6.5	U	ug/l	n	25	6.5	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,1-DICHLOROPROPENE	17	UJ	ug/l	n	120	17	50
8-GW062905	29-Jun-05	L0507237-10	8260B	BROMOFORM	54	U	ug/l	n	100	54	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,1,2,2-TETRACHLOROETHANE	14	U	ug/l	n	25	14	50
8-GW062905	29-Jun-05	L0507237-10	8260B	BENZENE	14	U	ug/l	n	25	14	50
8-GW062905	29-Jun-05	L0507237-10	8260B	TOLUENE	16	U	ug/l	n	38	16	50
8-GW062905	29-Jun-05	L0507237-10	8260B	ETHYLBENZENE	14	U	ug/l	n	25	14	50
8-GW062905	29-Jun-05	L0507237-10	8260B	CHLOROMETHANE	6	U	ug/l	n	120	6	50
8-GW062905	29-Jun-05	L0507237-10	8260B	BROMOMETHANE	18	U	ug/l	n	50	18	50
8-GW062905	29-Jun-05	L0507237-10	8260B	VINYL CHLORIDE	14	U	ug/l	n	50	14	50
8-GW062905	29-Jun-05	L0507237-10	8260B	CHLOROETHANE	18	U	ug/l	n	50	18	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,1-DICHLOROETHENE	19	U	ug/l	n	25	19	50
8-GW062905	29-Jun-05	L0507237-10	8260B	TRANS-1,2-DICHLOROETHENE	17	U	ug/l	n	38	17	50
8-GW062905	29-Jun-05	L0507237-10	8260B	TRICHLOROETHENE	17	U	ug/l	n	25	17	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,2-DICHLOROBENZENE	7.5	U	ug/l	n	120	7.5	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,3-DICHLOROBENZENE	10	U	ug/l	n	120	10	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,4-DICHLOROBENZENE	12	U	ug/l	n	120	12	50
8-GW062905	29-Jun-05	L0507237-10	8260B	METHYL TERT BUTYL ETHER	6	U	ug/l	n	50	6	50
8-GW062905	29-Jun-05	L0507237-10	8260B	P/M-XYLENE	20	U	ug/l	n	50	20	50
8-GW062905	29-Jun-05	L0507237-10	8260B	O-XYLENE	15	U	ug/l	n	50	15	50
8-GW062905	29-Jun-05	L0507237-10	8260B	CIS-1,2-DICHLOROETHENE	9	U	ug/l	n	25	9	50
8-GW062905	29-Jun-05	L0507237-10	8260B	DIBROMOMETHANE	9.5	U	ug/l	n	250	9.5	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,2,3-TRICHLOROPROPANE	12	U	ug/l	n	250	12	50
8-GW062905	29-Jun-05	L0507237-10	8260B	STYRENE	22	U	ug/l	n	50	22	50
8-GW062905	29-Jun-05	L0507237-10	8260B	DICHLORODIFLUOROMETHANE	15	U	ug/l	n	250	15	50
8-GW062905	29-Jun-05	L0507237-10	8260B	ACETONE	74	UJ	ug/l	n	250	74	50
8-GW062905	29-Jun-05	L0507237-10	8260B	CARBON DISULFIDE	14	U	ug/l	n	250	14	50
8-GW062905	29-Jun-05	L0507237-10	8260B	2-BUTANONE	83	UJ	ug/l	n	250	83	50
8-GW062905	29-Jun-05	L0507237-10	8260B	4-METHYL-2-PENTANONE	20	U	ug/l	n	250	20	50
8-GW062905	29-Jun-05	L0507237-10	8260B	2-HEXANONE	90	UJ	ug/l	n	250	90	50
8-GW062905	29-Jun-05	L0507237-10	8260B	BROMOCHLOROMETHANE	9.5	U	ug/l	n	120	9.5	50
8-GW062905	29-Jun-05	L0507237-10	8260B	2,2-DICHLOROPROPANE	32	U	ug/l	n	120	32	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,2-DIBROMOETHANE	12	U	ug/l	n	100	12	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,3-DICHLOROPROPANE	8.5	U	ug/l	n	120	8.5	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,1,1,2-TETRACHLOROETHANE	16	U	ug/l	n	25	16	50
8-GW062905	29-Jun-05	L0507237-10	8260B	BROMOBENZENE	7.5	U	ug/l	n	120	7.5	50
8-GW062905	29-Jun-05	L0507237-10	8260B	N-BUTYLBENZENE	20	U	ug/l	n	25	20	50
8-GW062905	29-Jun-05	L0507237-10	8260B	SEC-BUTYLBENZENE	20	U	ug/l	n	25	20	50
8-GW062905	29-Jun-05	L0507237-10	8260B	TERT-BUTYLBENZENE	14	U	ug/l	n	120	14	50
8-GW062905	29-Jun-05	L0507237-10	8260B	O-CHLOROTOLUENE	12	U	ug/l	n	120	12	50
8-GW062905	29-Jun-05	L0507237-10	8260B	P-CHLOROTOLUENE	12	U	ug/l	n	120	12	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,2-DIBROMO-3-CHLOROPROPANE	79	U	ug/l	n	120	79	50
8-GW062905	29-Jun-05	L0507237-10	8260B	HEXACHLOROBUTADIENE	22	U	ug/l	n	50	22	50
8-GW062905	29-Jun-05	L0507237-10	8260B	ISOPROPYLBENZENE	13	U	ug/l	n	25	13	50
8-GW062905	29-Jun-05	L0507237-10	8260B	P-ISOPROPYLTOLUENE	16	U	ug/l	n	25	16	50
8-GW062905	29-Jun-05	L0507237-10	8260B	NAPHTHALENE	20	U	ug/l	n	120	20	50
8-GW062905	29-Jun-05	L0507237-10	8260B	N-PROPYLBENZENE	16	U	ug/l	n	25	16	50

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Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW062905	29-Jun-05	L0507237-10	8260B	1,2,3-TRICHLOROBENZENE	19	U	ug/l	n	120	19	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,2,4-TRICHLOROBENZENE	14	U	ug/l	n	120	14	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,3,5-TRIMETHYLBENZENE	14	U	ug/l	n	120	14	50
8-GW062905	29-Jun-05	L0507237-10	8260B	1,2,4-TRIMETHYLBENZENE	12	U	ug/l	n	120	12	50
8-GW062905	29-Jun-05	L0507237-10	8270C	1,2,4-TRICHLOROBENZENE	1.3	U	ug/l	n	4.9	1.3	1
8-GW062905	29-Jun-05	L0507237-10	8270C	HEXACHLOROBENZENE	1.6	U	ug/l	n	4.9	1.6	1
8-GW062905	29-Jun-05	L0507237-10	8270C	BIS(2-CHLOROETHYL)ETHER	1.3	U	ug/l	n	4.9	1.3	1
8-GW062905	29-Jun-05	L0507237-10	8270C	1,2-DICHLOROBENZENE	1.1	U	ug/l	n	4.9	1.1	1
8-GW062905	29-Jun-05	L0507237-10	8270C	1,3-DICHLOROBENZENE	1	U	ug/l	n	4.9	1	1
8-GW062905	29-Jun-05	L0507237-10	8270C	1,4-DICHLOROBENZENE	0.95	U	ug/l	n	4.9	0.95	1
8-GW062905	29-Jun-05	L0507237-10	8270C	3,3'-DICHLOROBENZIDINE	2.5	U	ug/l	n	49	2.5	1
8-GW062905	29-Jun-05	L0507237-10	8270C	2,4-DINITROTOLUENE	0.48	U	ug/l	n	5.9	0.48	1
8-GW062905	29-Jun-05	L0507237-10	8270C	2,6-DINITROTOLUENE	0.95	UJ	ug/l	n	4.9	0.95	1
8-GW062905	29-Jun-05	L0507237-10	8270C	4-CHLOROPHENYL PHENYL ETHER	0.95	U	ug/l	n	4.9	0.95	1
8-GW062905	29-Jun-05	L0507237-10	8270C	4-BROMOPHENYL PHENYL ETHER	0.98	U	ug/l	n	4.9	0.98	1
8-GW062905	29-Jun-05	L0507237-10	8270C	BIS(2-CHLOROISOPROPYL)ETHER	2.2	U	ug/l	n	4.9	2.2	1
8-GW062905	29-Jun-05	L0507237-10	8270C	BIS(2-CHLOROETHOXY)METHANE	1.6	U	ug/l	n	4.9	1.6	1
8-GW062905	29-Jun-05	L0507237-10	8270C	HEXACHLOROBUTADIENE	2.1	U	ug/l	n	9.9	2.1	1
8-GW062905	29-Jun-05	L0507237-10	8270C	HEXACHLOROETHANE	0.96	U	ug/l	n	4.9	0.96	1
8-GW062905	29-Jun-05	L0507237-10	8270C	ISOPHORONE	1.6	U	ug/l	n	4.9	1.6	1
8-GW062905	29-Jun-05	L0507237-10	8270C	NITROBENZENE	1.6	U	ug/l	n	4.9	1.6	1
8-GW062905	29-Jun-05	L0507237-10	8270C	NITROSODIPHENYLAMINE(NDPA)/DPA	4.2	U	ug/l	n	15	4.2	1
8-GW062905	29-Jun-05	L0507237-10	8270C	N-NITROSODI-N-PROPYLAMINE	1.6	U	ug/l	n	4.9	1.6	1
8-GW062905	29-Jun-05	L0507237-10	8270C	BIS(2-ETHYLHEXYL)PHTHALATE	1.6	U	ug/l	n	9.9	1.6	1
8-GW062905	29-Jun-05	L0507237-10	8270C	BUTYL BENZYL PHTHALATE	0.66	U	ug/l	n	4.9	0.66	1
8-GW062905	29-Jun-05	L0507237-10	8270C	DI-N-BUTYLPHTHALATE	0.49	U	ug/l	n	4.9	0.49	1
8-GW062905	29-Jun-05	L0507237-10	8270C	DI-N-OCTYLPHTHALATE	0.53	U	ug/l	n	4.9	0.53	1
8-GW062905	29-Jun-05	L0507237-10	8270C	DIETHYL PHTHALATE	1.6	U	ug/l	n	4.9	1.6	1
8-GW062905	29-Jun-05	L0507237-10	8270C	DIMETHYL PHTHALATE	1.6	U	ug/l	n	4.9	1.6	1
8-GW062905	29-Jun-05	L0507237-10	8270C	4-CHLOROANILINE	1.4	U	ug/l	n	4.9	1.4	1
8-GW062905	29-Jun-05	L0507237-10	8270C	2-NITROANILINE	1.1	U	ug/l	n	4.9	1.1	1
8-GW062905	29-Jun-05	L0507237-10	8270C	3-NITROANILINE	1.1	U	ug/l	n	4.9	1.1	1
8-GW062905	29-Jun-05	L0507237-10	8270C	4-NITROANILINE	1.3	U	ug/l	n	6.9	1.3	1
8-GW062905	29-Jun-05	L0507237-10	8270C	DIBENZOFURAN	0.91	U	ug/l	n	4.9	0.91	1
8-GW062905	29-Jun-05	L0507237-10	8270C	2,4,6-TRICHLOROPHENOL	1.2	U	ug/l	n	4.9	1.2	1
8-GW062905	29-Jun-05	L0507237-10	8270C	P-CHLORO-M-CRESOL	1.5	U	ug/l	n	4.9	1.5	1
8-GW062905	29-Jun-05	L0507237-10	8270C	2-CHLOROPHENOL	1.8	U	ug/l	n	5.9	1.8	1
8-GW062905	29-Jun-05	L0507237-10	8270C	2,4-DICHLOROPHENOL	2.1	U	ug/l	n	9.9	2.1	1
8-GW062905	29-Jun-05	L0507237-10	8270C	2,4-DIMETHYLPHENOL	3	UJ	ug/l	n	9.9	3	1
8-GW062905	29-Jun-05	L0507237-10	8270C	2-NITROPHENOL	2.3	U	ug/l	n	20	2.3	1
8-GW062905	29-Jun-05	L0507237-10	8270C	4-NITROPHENOL	1.6	U	ug/l	n	9.9	1.6	1
8-GW062905	29-Jun-05	L0507237-10	8270C	2,4-DINITROPHENOL	1	U	ug/l	n	20	1	1
8-GW062905	29-Jun-05	L0507237-10	8270C	4,6-DINITRO-O-CRESOL	1.4	U	ug/l	n	20	1.4	1
8-GW062905	29-Jun-05	L0507237-10	8270C	PENTACHLOROPHENOL	1.5	U	ug/l	n	20	1.5	1
8-GW062905	29-Jun-05	L0507237-10	8270C	PHENOL	1.2	U	ug/l	n	6.9	1.2	1
8-GW062905	29-Jun-05	L0507237-10	8270C	2-METHYLPHENOL	1.5	U	ug/l	n	5.9	1.5	1
8-GW062905	29-Jun-05	L0507237-10	8270C	3-METHYLPHENOL/4-METHYLPHENOL	1.6	U	ug/l	n	5.9	1.6	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW062905	29-Jun-05	L0507237-10	8270C	2,4,5-TRICHLOROPHENOL	0.95	U	ug/l	n	4.9	0.95	1
8-GW062905	29-Jun-05	L0507237-10	8270C	BENZOIC ACID	0.98	U	ug/l	n	49	0.98	1
8-GW062905	29-Jun-05	L0507237-10	8270C	CARBAZOLE	1.6	U	ug/l	n	4.9	1.6	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	ACENAPHTHENE	0.036	U	ug/l	n	0.2	0.036	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	2-CHLORONAPHTHALENE	0.042	UJ	ug/l	n	0.2	0.042	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	FLUORANTHENE	0.04	UJ	ug/l	n	0.2	0.04	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	NAPHTHALENE	0.031	U	ug/l	n	0.2	0.031	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	BENZO(A)ANTHRACENE	0.038	U	ug/l	n	0.2	0.038	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	BENZO(A)PYRENE	0.04	UJ	ug/l	n	0.2	0.04	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	BENZO(B)FLUORANTHENE	0.049	U	ug/l	n	0.2	0.049	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	BENZO(K)FLUORANTHENE	0.036	UJ	ug/l	n	0.2	0.036	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	CHRYSENE	0.024	U	ug/l	n	0.2	0.024	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	ACENAPHTHYLENE	0.03	UJ	ug/l	n	0.2	0.03	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	ANTHRACENE	0.048	UJ	ug/l	n	0.2	0.048	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	BENZO(GHI)PERYLENE	0.025	U	ug/l	n	0.25	0.025	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	FLUORENE	0.024	U	ug/l	n	0.2	0.024	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	PHENANTHRENE	0.031	U	ug/l	n	0.2	0.031	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	DIBENZO(A,H)ANTHRACENE	0.017	U	ug/l	n	0.2	0.017	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	INDENO(1,2,3-CD)PYRENE	0.026	U	ug/l	n	0.2	0.026	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	PYRENE	0.046	UJ	ug/l	n	0.2	0.046	1
8-GW062905	29-Jun-05	L0507237-10	8270C-SIM	2-METHYLNAPHTHALENE	0.036	U	ug/l	n	0.2	0.036	1
8-GW062905	29-Jun-05	L0507237-10	8082	AROCLOR 1221	0.07	U	ug/l	n	0.5	0.07	1
8-GW062905	29-Jun-05	L0507237-10	8082	AROCLOR 1232	0.15	U	ug/l	n	0.5	0.15	1
8-GW062905	29-Jun-05	L0507237-10	8082	AROCLOR 1242/1016	0.05	U	ug/l	n	0.5	0.05	1
8-GW062905	29-Jun-05	L0507237-10	8082	AROCLOR 1248	0.12	U	ug/l	n	0.5	0.12	1
8-GW062905	29-Jun-05	L0507237-10	8082	AROCLOR 1254	0.06	U	ug/l	n	0.5	0.06	1
8-GW062905	29-Jun-05	L0507237-10	8082	AROCLOR 1260	0.02	U	ug/l	n	0.5	0.02	1
8-GW062905	29-Jun-05	L0507237-10	8082	AROCLOR 1268	0.05	U	ug/l	n	0.5	0.05	1
8-GW062905	29-Jun-05	L0507237-10	8081A	DELTA-BHC	0.00208	U	ug/l	n	0.0208	0.00208	1
8-GW062905	29-Jun-05	L0507237-10	8081A	LINDANE	0.00312	U	ug/l	n	0.0208	0.00312	1
8-GW062905	29-Jun-05	L0507237-10	8081A	ALPHA-BHC	0.00312	U	ug/l	n	0.0208	0.00312	1
8-GW062905	29-Jun-05	L0507237-10	8081A	BETA-BHC	0.00521	U	ug/l	n	0.0208	0.00521	1
8-GW062905	29-Jun-05	L0507237-10	8081A	HEPTACHLOR	0.00417	U	ug/l	n	0.0208	0.00417	1
8-GW062905	29-Jun-05	L0507237-10	8081A	ALDRIN	0.00417	U	ug/l	n	0.0208	0.00417	1
8-GW062905	29-Jun-05	L0507237-10	8081A	HEPTACHLOR EPOXIDE	0.00417	U	ug/l	n	0.0208	0.00417	1
8-GW062905	29-Jun-05	L0507237-10	8081A	ENDRIN	0.0104	U	ug/l	n	0.0417	0.0104	1
8-GW062905	29-Jun-05	L0507237-10	8081A	ENDRIN ALDEHYDE	0.00938	U	ug/l	n	0.0417	0.00938	1
8-GW062905	29-Jun-05	L0507237-10	8081A	ENDRIN KETONE	0.00729	U	ug/l	n	0.0417	0.00729	1
8-GW062905	29-Jun-05	L0507237-10	8081A	DIELDRIN	0.00833	U	ug/l	n	0.0417	0.00833	1
8-GW062905	29-Jun-05	L0507237-10	8081A	4,4'-DDE	0.00729	U	ug/l	n	0.0417	0.00729	1
8-GW062905	29-Jun-05	L0507237-10	8081A	4,4'-DDD	0.0146	U	ug/l	n	0.0417	0.0146	1
8-GW062905	29-Jun-05	L0507237-10	8081A	4,4'-DDT	0.00729	U	ug/l	n	0.0417	0.00729	1
8-GW062905	29-Jun-05	L0507237-10	8081A	ENDOSULFAN I	0.00521	UJ	ug/l	n	0.0208	0.00521	1
8-GW062905	29-Jun-05	L0507237-10	8081A	ENDOSULFAN II	0.0146	U	ug/l	n	0.0417	0.0146	1
8-GW062905	29-Jun-05	L0507237-10	8081A	ENDOSULFAN SULFATE	0.00938	U	ug/l	n	0.0417	0.00938	1
8-GW062905	29-Jun-05	L0507237-10	8081A	METHOXYCHLOR	0.0417	U	ug/l	n	0.208	0.0417	1
8-GW062905	29-Jun-05	L0507237-10	8081A	TOXAPHENE	0.0781	U	ug/l	n	0.521	0.0781	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW062905	29-Jun-05	L0507237-10	8081A	HEXACHLOROBENZENE	0.00208	U	ug/l	n	0.208	0.00208	1
8-GW062905	29-Jun-05	L0507237-10	8081A	CIS-CHLORDANE	0.00417	U	ug/l	n	0.0208	0.00417	1
8-GW062905	29-Jun-05	L0507237-10	8081A	TRANS-CHLORDANE	0.00417	U	ug/l	n	0.0208	0.00417	1
8-GW062905	29-Jun-05	L0507237-10	4500NO3-F	NITROGEN, NITRATE	1.1	J	mg/l	y	0.1	0.006	1
8-GW062905	29-Jun-05	L0507237-10	9038	SULFATE	12		mg/l	y	10	1.4	1
8-GW062905	29-Jun-05	L0507237-10	2340B	HARDNESS	46		mg/l	y	1.7	0.021	1
8-GW062905	29-Jun-05	L0507237-10	6010B	ALUMINUM, TOTAL	0.068	U	mg/l	y	0.1	0.0065	1
8-GW062905	29-Jun-05	L0507237-10	6010B	ANTIMONY, TOTAL	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW062905	29-Jun-05	L0507237-10	6010B	ARSENIC, TOTAL	0.0026	U	mg/l	n	0.004	0.0026	1
8-GW062905	29-Jun-05	L0507237-10	6010B	BARIUM, TOTAL	0.01		mg/l	y	0.01	0.0002	1
8-GW062905	29-Jun-05	L0507237-10	6010B	BERYLLIUM, TOTAL	0.0002	U	mg/l	y	0.004	0.0001	1
8-GW062905	29-Jun-05	L0507237-10	6010B	CADMIUM, TOTAL	0.0002	U	mg/l	y	0.005	0.0001	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	4-NITROANILINE	1.2	U	ug/l	n	6.7	1.2	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	DIBENZOFURAN	0.88	U	ug/l	n	4.8	0.88	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	2,4,6-TRICHLOROPHENOL	1.2	U	ug/l	n	4.8	1.2	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	P-CHLORO-M-CRESOL	1.4	U	ug/l	n	4.8	1.4	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	2-CHLOROPHENOL	1.7	U	ug/l	n	5.7	1.7	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	2,4-DICHLOROPHENOL	2	U	ug/l	n	9.6	2	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	2,4-DIMETHYLPHENOL	6.7	J	ug/l	y	9.6	2.9	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	2-NITROPHENOL	2.2	U	ug/l	n	19	2.2	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	4-NITROPHENOL	1.6	U	ug/l	n	9.6	1.6	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	2,4-DINITROPHENOL	1	U	ug/l	n	19	1	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	4,6-DINITRO-O-CRESOL	1.4	U	ug/l	n	19	1.4	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	PENTACHLOROPHENOL	1.5	U	ug/l	n	19	1.5	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	PHENOL	11		ug/l	y	6.7	1.1	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	2-METHYLPHENOL	1.4	U	ug/l	n	5.7	1.4	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	3-METHYLPHENOL/4-METHYLPHENOL	1.5	U	ug/l	n	5.7	1.5	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	2,4,5-TRICHLOROPHENOL	0.92	U	ug/l	n	4.8	0.92	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	BENZOIC ACID	0.95	U	ug/l	n	48	0.95	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	CARBAZOLE	2	J	ug/l	y	4.8	1.5	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	ACENAPHTHENE	2.5		ug/l	y	0.19	0.034	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	2-CHLORONAPHTHALENE	0.04	UJ	ug/l	n	0.19	0.04	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	FLUORANTHENE	1.1	J	ug/l	y	0.19	0.038	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	NAPHTHALENE	3		ug/l	y	0.19	0.03	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	BENZO(A)ANTHRACENE	0.066	J	ug/l	y	0.19	0.036	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	BENZO(A)PYRENE	0.038	UJ	ug/l	n	0.19	0.038	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	BENZO(B)FLUORANTHENE	0.048	U	ug/l	n	0.19	0.048	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	BENZO(K)FLUORANTHENE	0.034	UJ	ug/l	n	0.19	0.034	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	CHRYSENE	0.072	J	ug/l	y	0.19	0.023	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	ACENAPHTHYLENE	0.029	UJ	ug/l	n	0.19	0.029	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	ANTHRACENE	0.45	J	ug/l	y	0.19	0.047	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	BENZO(GHI)PERYLENE	0.024	U	ug/l	n	0.24	0.024	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	FLUORENE	1		ug/l	y	0.19	0.023	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	PHENANTHRENE	1.2		ug/l	y	0.19	0.03	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	DIBENZO(A,H)ANTHRACENE	0.016	U	ug/l	n	0.19	0.016	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	INDENO(1,2,3-CD)PYRENE	0.025	U	ug/l	n	0.19	0.025	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	PYRENE	0.71	J	ug/l	y	0.19	0.044	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW06S-02	29-Jun-05	L0507237-11	8270C-SIM	2-METHYLNAPHTHALENE	0.52		ug/l	y	0.19	0.034	1
8-GW06S-02	29-Jun-05	L0507237-11	8082	AROCLOR 1221	0.07	U	ug/l	n	0.5	0.07	1
8-GW06S-02	29-Jun-05	L0507237-11	8082	AROCLOR 1232	0.15	U	ug/l	n	0.5	0.15	1
8-GW06S-02	29-Jun-05	L0507237-11	8082	AROCLOR 1242/1016	0.05	U	ug/l	n	0.5	0.05	1
8-GW06S-02	29-Jun-05	L0507237-11	8082	AROCLOR 1248	0.12	U	ug/l	n	0.5	0.12	1
8-GW06S-02	29-Jun-05	L0507237-11	8082	AROCLOR 1254	0.06	U	ug/l	n	0.5	0.06	1
8-GW06S-02	29-Jun-05	L0507237-11	8082	AROCLOR 1260	0.02	U	ug/l	n	0.5	0.02	1
8-GW06S-02	29-Jun-05	L0507237-11	8082	AROCLOR 1268	0.05	U	ug/l	n	0.5	0.05	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	DELTA-BHC	0.00206	U	ug/l	n	0.0206	0.00206	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	LINDANE	0.00309	U	ug/l	n	0.0206	0.00309	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	ALPHA-BHC	0.00309	U	ug/l	n	0.0206	0.00309	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	BETA-BHC	0.00515	U	ug/l	n	0.0206	0.00515	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	HEPTACHLOR	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	ALDRIN	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	HEPTACHLOR EPOXIDE	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	ENDRIN	0.0103	U	ug/l	n	0.0412	0.0103	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	ENDRIN ALDEHYDE	0.00928	U	ug/l	n	0.0412	0.00928	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	ENDRIN KETONE	0.00722	U	ug/l	n	0.0412	0.00722	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	DIELDRIN	0.00825	U	ug/l	n	0.0412	0.00825	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	4,4'-DDE	0.00722	U	ug/l	n	0.0412	0.00722	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	4,4'-DDD	0.0144	U	ug/l	n	0.0412	0.0144	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	4,4'-DDT	0.00722	U	ug/l	n	0.0412	0.00722	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	ENDOSULFAN I	0.00515	UJ	ug/l	n	0.0206	0.00515	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	ENDOSULFAN II	0.0144	U	ug/l	n	0.0412	0.0144	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	ENDOSULFAN SULFATE	0.00928	U	ug/l	n	0.0412	0.00928	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	METHOXYCHLOR	0.0412	U	ug/l	n	0.206	0.0412	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	TOXAPHENE	0.0773	U	ug/l	n	0.515	0.0773	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	HEXACHLOROBENZENE	0.00206	U	ug/l	n	0.206	0.00206	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	CIS-CHLORDANE	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW06S-02	29-Jun-05	L0507237-11	8081A	TRANS-CHLORDANE	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW06S-02	29-Jun-05	L0507237-11	4500NO3-F	NITROGEN, NITRATE	0.054	J	mg/l	y	0.1	0.006	1
8-GW06S-02	29-Jun-05	L0507237-11	9038	SULFATE	29		mg/l	y	10	1.4	1
8-GW06S-02	29-Jun-05	L0507237-11	2340B	HARDNESS	520		mg/l	y	1.7	0.021	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	ALUMINUM, TOTAL	0.078	U	mg/l	y	0.1	0.0065	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	ANTIMONY, TOTAL	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	ARSENIC, TOTAL	0.007		mg/l	y	0.004	0.0026	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	BARIUM, TOTAL	0.79		mg/l	y	0.01	0.0002	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	BERYLLIUM, TOTAL	0.0003	U	mg/l	y	0.004	0.0001	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	CADMIUM, TOTAL	0.0001	U	mg/l	n	0.005	0.0001	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	CALCIUM, TOTAL	69		mg/l	y	0.1	0.0058	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	CHROMIUM, TOTAL	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	COBALT, TOTAL	0.001	J	mg/l	y	0.02	0.0007	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	COPPER, TOTAL	0.003	J	mg/l	y	0.01	0.0008	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	IRON, TOTAL	2.5		mg/l	y	0.05	0.0099	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	LEAD, TOTAL	0.0017	U	mg/l	y	0.01	0.0013	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	MAGNESIUM, TOTAL	84		mg/l	y	0.1	0.0056	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	MANGANESE, TOTAL	0.18		mg/l	y	0.01	0.0002	1

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Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW06S-02	29-Jun-05	L0507237-11	7470A	MERCURY, TOTAL	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	MOLYBDENUM, TOTAL	0.08		mg/l	y	0.05	0.0009	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	NICKEL, TOTAL	0.0015	U	mg/l	y	0.025	0.0007	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	POTASSIUM, TOTAL	66		mg/l	y	2.5	0.056	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	SELENIUM, TOTAL	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	SILVER, TOTAL	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	SODIUM, TOTAL	100	ZZZ	mg/l	y	2	0.076	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	SODIUM, TOTAL	650		mg/l	y	40	1.5	20
8-GW06S-02	29-Jun-05	L0507237-11	6010B	THALLIUM, TOTAL	0.0034	U	mg/l	y	0.005	0.0013	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	VANADIUM, TOTAL	0.001	J	mg/l	y	0.01	0.0007	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	ZINC, TOTAL	0.007	J	mg/l	y	0.05	0.0025	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	ALUMINUM, DISSOLVED	0.017	U	mg/l	y	0.1	0.0065	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	ANTIMONY, DISSOLVED	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	ARSENIC, DISSOLVED	0.007		mg/l	y	0.004	0.0026	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	BARIUM, DISSOLVED	0.79		mg/l	y	0.01	0.0002	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	BERYLLIUM, DISSOLVED	0.0001	U	mg/l	n	0.004	0.0001	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	CADMIUM, DISSOLVED	0.0001	U	mg/l	n	0.005	0.0001	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	CALCIUM, DISSOLVED	69		mg/l	y	0.1	0.0058	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	CHROMIUM, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	COBALT, DISSOLVED	0.001	J	mg/l	y	0.02	0.0007	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	COPPER, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	IRON, DISSOLVED	2.2		mg/l	y	0.05	0.0099	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	LEAD, DISSOLVED	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	MAGNESIUM, DISSOLVED	84		mg/l	y	0.1	0.0056	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	MANGANESE, DISSOLVED	0.18		mg/l	y	0.01	0.0002	1
8-GW06S-02	29-Jun-05	L0507237-11	7470A	MERCURY, DISSOLVED	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	MOLYBDENUM, DISSOLVED	0.08		mg/l	y	0.05	0.0009	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	NICKEL, DISSOLVED	0.0016	U	mg/l	y	0.025	0.0007	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	POTASSIUM, DISSOLVED	66		mg/l	y	2.5	0.056	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	SELENIUM, DISSOLVED	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	SILVER, DISSOLVED	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	SODIUM, DISSOLVED	100	ZZZ	mg/l	y	2	0.076	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	SODIUM, DISSOLVED	670		mg/l	y	40	1.5	20
8-GW06S-02	29-Jun-05	L0507237-11	6010B	THALLIUM, DISSOLVED	0.0016	U	mg/l	y	0.005	0.0013	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	VANADIUM, DISSOLVED	0.0007	U	mg/l	n	0.01	0.0007	1
8-GW06S-02	29-Jun-05	L0507237-11	6010B	ZINC, DISSOLVED	0.003	J	mg/l	y	0.05	0.0025	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	METHYLENE CHLORIDE	0.37	UJ	ug/l	n	5	0.37	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,1-DICHLOROETHANE	0.19	UJ	ug/l	n	0.75	0.19	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	CHLOROFORM	0.14	U	ug/l	n	0.75	0.14	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	CARBON TETRACHLORIDE	0.38	U	ug/l	n	0.5	0.38	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,2-DICHLOROPROPANE	0.24	U	ug/l	n	1.8	0.24	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	DIBROMOCHLOROMETHANE	0.19	U	ug/l	n	0.5	0.19	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,1,2-TRICHLOROETHANE	0.16	U	ug/l	n	0.75	0.16	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	TETRACHLOROETHENE	0.43	U	ug/l	n	0.5	0.43	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	CHLOROBENZENE	0.32	U	ug/l	n	0.5	0.32	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	TRICHLOROFLUOROMETHANE	0.29	U	ug/l	n	2.5	0.29	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,2-DICHLOROETHANE	0.14	U	ug/l	n	0.5	0.14	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,1,1-TRICHLOROETHANE	0.25	U	ug/l	n	0.5	0.25	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	BROMODICHLOROMETHANE	0.24	U	ug/l	n	0.5	0.24	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	TRANS-1,3-DICHLOROPROPENE	0.24	U	ug/l	n	0.5	0.24	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	CIS-1,3-DICHLOROPROPENE	0.13	U	ug/l	n	0.5	0.13	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,1-DICHLOROPROPENE	0.34	U	ug/l	n	2.5	0.34	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	BROMOFORM	1.1	U	ug/l	n	2	1.1	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,1,2,2-TETRACHLOROETHANE	0.29	U	ug/l	n	0.5	0.29	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	BENZENE	0.49	J	ug/l	y	0.5	0.29	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	TOLUENE	0.31	U	ug/l	n	0.75	0.31	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	ETHYLBENZENE	0.28	U	ug/l	n	0.5	0.28	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	CHLOROMETHANE	0.12	U	ug/l	n	2.5	0.12	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	BROMOMETHANE	0.36	UJ	ug/l	n	1	0.36	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	VINYL CHLORIDE	0.27	U	ug/l	n	1	0.27	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	CHLOROETHANE	0.36	U	ug/l	n	1	0.36	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,1-DICHLOROETHENE	0.38	U	ug/l	n	0.5	0.38	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	TRANS-1,2-DICHLOROETHENE	0.34	UJ	ug/l	n	0.75	0.34	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	TRICHLOROETHENE	0.34	U	ug/l	n	0.5	0.34	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,2-DICHLOROBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,3-DICHLOROBENZENE	0.2	U	ug/l	n	2.5	0.2	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,4-DICHLOROBENZENE	0.42	J	ug/l	y	2.5	0.23	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	METHYL TERT BUTYL ETHER	0.12	U	ug/l	n	1	0.12	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	P/M-XYLENE	0.39	U	ug/l	n	1	0.39	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	O-XYLENE	0.3	U	ug/l	n	1	0.3	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	CIS-1,2-DICHLOROETHENE	0.18	U	ug/l	n	0.5	0.18	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	DIBROMOMETHANE	0.19	U	ug/l	n	5	0.19	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,2,3-TRICHLOROPROPANE	0.23	U	ug/l	n	5	0.23	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	STYRENE	0.44	U	ug/l	n	1	0.44	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	DICHLORODIFLUOROMETHANE	0.3	U	ug/l	n	5	0.3	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	ACETONE	1.5	UJ	ug/l	n	5	1.5	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	CARBON DISULFIDE	0.27	UJ	ug/l	n	5	0.27	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	2-BUTANONE	1.7	UJ	ug/l	n	5	1.7	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	4-METHYL-2-PENTANONE	0.4	U	ug/l	n	5	0.4	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	2-HEXANONE	1.8	UJ	ug/l	n	5	1.8	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	BROMOCHLOROMETHANE	0.19	UJ	ug/l	n	2.5	0.19	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	2,2-DICHLOROPROPANE	0.63	U	ug/l	n	2.5	0.63	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,2-DIBROMOETHANE	0.23	U	ug/l	n	2	0.23	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,3-DICHLOROPROPANE	0.17	U	ug/l	n	2.5	0.17	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,1,1,2-TETRACHLOROETHANE	0.31	U	ug/l	n	0.5	0.31	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	BROMOBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	N-BUTYLBENZENE	0.41	U	ug/l	n	0.5	0.41	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	SEC-BUTYLBENZENE	0.4	U	ug/l	n	0.5	0.4	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	TERT-BUTYLBENZENE	0.29	U	ug/l	n	2.5	0.29	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	O-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	P-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,2-DIBROMO-3-CHLOROPROPANE	1.6	U	ug/l	n	2.5	1.6	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	HEXACHLOROBUTADIENE	0.43	U	ug/l	n	1	0.43	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	ISOPROPYLBENZENE	0.26	U	ug/l	n	0.5	0.26	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW06S-02	29-Jun-05	L0507237-11	8260B	P-ISOPROPYLTOLUENE	0.33	U	ug/l	n	0.5	0.33	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	NAPHTHALENE	0.41	U	ug/l	n	2.5	0.41	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	N-PROPYLBENZENE	0.32	U	ug/l	n	0.5	0.32	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,2,3-TRICHLOROBENZENE	0.38	U	ug/l	n	2.5	0.38	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,2,4-TRICHLOROBENZENE	0.28	U	ug/l	n	2.5	0.28	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,3,5-TRIMETHYLBENZENE	0.27	U	ug/l	n	2.5	0.27	1
8-GW06S-02	29-Jun-05	L0507237-11	8260B	1,2,4-TRIMETHYLBENZENE	0.25	U	ug/l	n	2.5	0.25	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	1,2,4-TRICHLOROBENZENE	1.2	U	ug/l	n	4.8	1.2	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	HEXACHLOROBENZENE	1.5	U	ug/l	n	4.8	1.5	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	BIS(2-CHLOROETHYL)ETHER	1.3	U	ug/l	n	4.8	1.3	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	1,2-DICHLOROBENZENE	1	U	ug/l	n	4.8	1	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	1,3-DICHLOROBENZENE	1	U	ug/l	n	4.8	1	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	1,4-DICHLOROBENZENE	0.92	U	ug/l	n	4.8	0.92	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	3,3'-DICHLOROBENZIDINE	2.4	U	ug/l	n	48	2.4	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	2,4-DINITROTOLUENE	0.46	U	ug/l	n	5.7	0.46	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	2,6-DINITROTOLUENE	0.92	UJ	ug/l	n	4.8	0.92	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	4-CHLOROPHENYL PHENYL ETHER	0.92	U	ug/l	n	4.8	0.92	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	4-BROMOPHENYL PHENYL ETHER	0.95	U	ug/l	n	4.8	0.95	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	BIS(2-CHLOROISOPROPYL)ETHER	2.1	U	ug/l	n	4.8	2.1	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	BIS(2-CHLOROETHOXY)METHANE	1.5	U	ug/l	n	4.8	1.5	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	HEXACHLOROBUTADIENE	2	U	ug/l	n	9.6	2	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	HEXACHLOROETHANE	0.93	U	ug/l	n	4.8	0.93	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	ISOPHORONE	1.5	U	ug/l	n	4.8	1.5	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	NITROBENZENE	1.5	U	ug/l	n	4.8	1.5	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	NITROSODIPHENYLAMINE(NDPA)/DPA	4	U	ug/l	n	14	4	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	N-NITROSODI-N-PROPYLAMINE	1.6	U	ug/l	n	4.8	1.6	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	BIS(2-ETHYLHEXYL)PHTHALATE	1.6	U	ug/l	n	9.6	1.6	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	BUTYL BENZYL PHTHALATE	0.64	U	ug/l	n	4.8	0.64	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	DI-N-BUTYLPHTHALATE	0.48	U	ug/l	n	4.8	0.48	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	DI-N-OCTYLPHTHALATE	0.52	U	ug/l	n	4.8	0.52	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	DIETHYL PHTHALATE	1.5	U	ug/l	n	4.8	1.5	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	DIMETHYL PHTHALATE	1.5	U	ug/l	n	4.8	1.5	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	4-CHLOROANILINE	1.4	U	ug/l	n	4.8	1.4	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	2-NITROANILINE	1.1	U	ug/l	n	4.8	1.1	1
8-GW06S-02	29-Jun-05	L0507237-11	8270C	3-NITROANILINE	1.1	U	ug/l	n	4.8	1.1	1
8-GW03-02	28-Jun-05	L0507237-12	4500NO3-F	NITROGEN, NITRATE	0.042	J	mg/l	y	0.1	0.006	1
8-GW03-02	28-Jun-05	L0507237-12	9038	SULFATE	1.4	U	mg/l	n	10	1.4	1
8-GW03-02	28-Jun-05	L0507237-12	2340B	HARDNESS	220		mg/l	y	1.7	0.021	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	ALUMINUM, TOTAL	0.065	U	mg/l	y	0.1	0.0065	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	ANTIMONY, TOTAL	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	ARSENIC, TOTAL	0.003	J	mg/l	y	0.004	0.0026	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	BARIUM, TOTAL	0.6		mg/l	y	0.01	0.0002	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	BERYLLIUM, TOTAL	0.0002	U	mg/l	y	0.004	0.0001	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	CADMIUM, TOTAL	0.0002	U	mg/l	y	0.005	0.0001	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	CALCIUM, TOTAL	36		mg/l	y	0.1	0.0058	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	CHROMIUM, TOTAL	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	COBALT, TOTAL	0.001	J	mg/l	y	0.02	0.0007	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW03-02	28-Jun-05	L0507237-12	6010B	COPPER, TOTAL	0.002	J	mg/l	y	0.01	0.0008	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	IRON, TOTAL	0.87		mg/l	y	0.05	0.0099	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	LEAD, TOTAL	0.0027	U	mg/l	y	0.01	0.0013	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	MAGNESIUM, TOTAL	31		mg/l	y	0.1	0.0056	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	MANGANESE, TOTAL	0.09		mg/l	y	0.01	0.0002	1
8-GW03-02	28-Jun-05	L0507237-12	7470A	MERCURY, TOTAL	0.00003	J	mg/l	y	0.0002	0.000014	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	MOLYBDENUM, TOTAL	0.009	J	mg/l	y	0.05	0.0009	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	NICKEL, TOTAL	0.0009	U	mg/l	y	0.025	0.0007	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	POTASSIUM, TOTAL	26		mg/l	y	2.5	0.056	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	SELENIUM, TOTAL	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	SILVER, TOTAL	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	SODIUM, TOTAL	100	ZZZ	mg/l	y	2	0.076	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	SODIUM, TOTAL	240		mg/l	y	40	1.5	20
8-GW03-02	28-Jun-05	L0507237-12	6010B	THALLIUM, TOTAL	0.0026	U	mg/l	y	0.005	0.0013	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	VANADIUM, TOTAL	0.0007	U	mg/l	n	0.01	0.0007	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	ZINC, TOTAL	0.007	J	mg/l	y	0.05	0.0025	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	ALUMINUM, DISSOLVED	0.021	U	mg/l	y	0.1	0.0065	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	ANTIMONY, DISSOLVED	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	ARSENIC, DISSOLVED	0.0026	U	mg/l	n	0.004	0.0026	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	BARIUM, DISSOLVED	0.6		mg/l	y	0.01	0.0002	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	BERYLLIUM, DISSOLVED	0.0001	U	mg/l	y	0.004	0.0001	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	CADMIUM, DISSOLVED	0.0001	U	mg/l	y	0.005	0.0001	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	CALCIUM, DISSOLVED	36		mg/l	y	0.1	0.0058	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	CHROMIUM, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	COBALT, DISSOLVED	0.001	J	mg/l	y	0.02	0.0007	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	COPPER, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	IRON, DISSOLVED	0.65		mg/l	y	0.05	0.0099	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	LEAD, DISSOLVED	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	MAGNESIUM, DISSOLVED	31		mg/l	y	0.1	0.0056	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	MANGANESE, DISSOLVED	0.09		mg/l	y	0.01	0.0002	1
8-GW03-02	28-Jun-05	L0507237-12	7470A	MERCURY, DISSOLVED	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	MOLYBDENUM, DISSOLVED	0.009	J	mg/l	y	0.05	0.0009	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	NICKEL, DISSOLVED	0.0016	U	mg/l	y	0.025	0.0007	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	POTASSIUM, DISSOLVED	26		mg/l	y	2.5	0.056	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	SELENIUM, DISSOLVED	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	SILVER, DISSOLVED	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	SODIUM, DISSOLVED	100	ZZZ	mg/l	y	2	0.076	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	SODIUM, DISSOLVED	240		mg/l	y	40	1.5	20
8-GW03-02	28-Jun-05	L0507237-12	6010B	THALLIUM, DISSOLVED	0.0026	U	mg/l	y	0.005	0.0013	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	VANADIUM, DISSOLVED	0.0007	U	mg/l	n	0.01	0.0007	1
8-GW03-02	28-Jun-05	L0507237-12	6010B	ZINC, DISSOLVED	0.004	J	mg/l	y	0.05	0.0025	1
8-GW03-02	28-Jun-05	L0507237-12	8260B	METHYLENE CHLORIDE	0.99	J	ug/l	y	10	0.74	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,1-DICHLOROETHANE	0.38	UJ	ug/l	n	1.5	0.38	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	CHLOROFORM	0.28	U	ug/l	n	1.5	0.28	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	CARBON TETRACHLORIDE	0.76	U	ug/l	n	1	0.76	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,2-DICHLOROPROPANE	0.48	U	ug/l	n	3.5	0.48	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	DIBROMOCHLOROMETHANE	0.38	U	ug/l	n	1	0.38	2

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,1,2-TRICHLOROETHANE	0.32	U	ug/l	n	1.5	0.32	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	TETRACHLOROETHENE	0.86	U	ug/l	n	1	0.86	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	CHLOROBENZENE	0.82	J	ug/l	y	1	0.64	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	TRICHLOROFLUOROMETHANE	0.58	U	ug/l	n	5	0.58	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,2-DICHLOROETHANE	0.28	U	ug/l	n	1	0.28	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,1,1-TRICHLOROETHANE	0.5	U	ug/l	n	1	0.5	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	BROMODICHLOROMETHANE	0.48	U	ug/l	n	1	0.48	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	TRANS-1,3-DICHLOROPROPENE	0.48	U	ug/l	n	1	0.48	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	CIS-1,3-DICHLOROPROPENE	0.26	U	ug/l	n	1	0.26	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,1-DICHLOROPROPENE	0.68	U	ug/l	n	5	0.68	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	BROMOFORM	2.2	U	ug/l	n	4	2.2	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,1,2,2-TETRACHLOROETHANE	0.58	U	ug/l	n	1	0.58	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	BENZENE	1.7	J	ug/l	y	1	0.58	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	TOLUENE	2.4		ug/l	y	1.5	0.62	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	ETHYLBENZENE	94		ug/l	y	1	0.56	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	CHLOROMETHANE	0.24	U	ug/l	n	5	0.24	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	BROMOMETHANE	0.72	UJ	ug/l	n	2	0.72	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	VINYL CHLORIDE	0.72	J	ug/l	y	2	0.54	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	CHLOROETHANE	0.72	U	ug/l	n	2	0.72	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,1-DICHLOROETHENE	0.76	U	ug/l	n	1	0.76	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	TRANS-1,2-DICHLOROETHENE	0.68	UJ	ug/l	n	1.5	0.68	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	TRICHLOROETHENE	0.68	U	ug/l	n	1	0.68	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,2-DICHLOROBENZENE	0.3	U	ug/l	n	5	0.3	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,3-DICHLOROBENZENE	0.4	U	ug/l	n	5	0.4	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,4-DICHLOROBENZENE	0.72	J	ug/l	y	5	0.46	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	METHYL TERT BUTYL ETHER	0.24	U	ug/l	n	2	0.24	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	P/M-XYLENE	90		ug/l	y	2	0.78	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	O-XYLENE	36		ug/l	y	2	0.6	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	CIS-1,2-DICHLOROETHENE	0.36	U	ug/l	n	1	0.36	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	DIBROMOMETHANE	0.38	U	ug/l	n	10	0.38	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,2,3-TRICHLOROPROPANE	0.46	U	ug/l	n	10	0.46	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	STYRENE	0.88	U	ug/l	n	2	0.88	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	DICHLORODIFLUOROMETHANE	0.6	U	ug/l	n	10	0.6	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	ACETONE	3	UJ	ug/l	n	10	3	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	CARBON DISULFIDE	0.54	UJ	ug/l	n	10	0.54	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	2-BUTANONE	3.3	UJ	ug/l	n	10	3.3	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	4-METHYL-2-PENTANONE	0.8	U	ug/l	n	10	0.8	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	2-HEXANONE	3.6	UJ	ug/l	n	10	3.6	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	BROMOCHLOROMETHANE	0.38	UJ	ug/l	n	5	0.38	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	2,2-DICHLOROPROPANE	1.3	U	ug/l	n	5	1.3	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,2-DIBROMOETHANE	0.46	U	ug/l	n	4	0.46	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,3-DICHLOROPROPANE	0.34	U	ug/l	n	5	0.34	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,1,1,2-TETRACHLOROETHANE	0.62	U	ug/l	n	1	0.62	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	BROMOBENZENE	0.3	U	ug/l	n	5	0.3	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	N-BUTYLBENZENE	3.7		ug/l	y	1	0.82	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	SEC-BUTYLBENZENE	2.7		ug/l	y	1	0.8	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	TERT-BUTYLBENZENE	0.87	J	ug/l	y	5	0.58	2

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW03-02	28-Jun-05	L0507237-12	8260B	O-CHLOROTOLUENE	0.48	U	ug/l	n	5	0.48	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	P-CHLOROTOLUENE	0.48	U	ug/l	n	5	0.48	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,2-DIBROMO-3-CHLOROPROPANE	3.2	U	ug/l	n	5	3.2	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	HEXACHLOROBUTADIENE	0.86	U	ug/l	n	2	0.86	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	ISOPROPYLBENZENE	8.7		ug/l	y	1	0.52	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	P-ISOPROPYLTOLUENE	7.4		ug/l	y	1	0.66	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	NAPHTHALENE	52		ug/l	y	5	0.82	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	N-PROPYLBENZENE	9.4		ug/l	y	1	0.64	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,2,3-TRICHLOROBENZENE	0.76	U	ug/l	n	5	0.76	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,2,4-TRICHLOROBENZENE	0.56	U	ug/l	n	5	0.56	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,3,5-TRIMETHYLBENZENE	18		ug/l	y	5	0.54	2
8-GW03-02	28-Jun-05	L0507237-12	8260B	1,2,4-TRIMETHYLBENZENE	68		ug/l	y	5	0.5	2
8-GW03-02	28-Jun-05	L0507237-12	8270C	1,2,4-TRICHLOROBENZENE	1.2	U	ug/l	n	4.8	1.2	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	HEXACHLOROBENZENE	1.5	U	ug/l	n	4.8	1.5	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	BIS(2-CHLOROETHYL)ETHER	1.3	U	ug/l	n	4.8	1.3	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	1,2-DICHLOROBENZENE	1	U	ug/l	n	4.8	1	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	1,3-DICHLOROBENZENE	1	U	ug/l	n	4.8	1	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	1,4-DICHLOROBENZENE	0.92	U	ug/l	n	4.8	0.92	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	3,3'-DICHLOROBENZIDINE	2.4	U	ug/l	n	48	2.4	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	2,4-DINITROTOLUENE	0.46	U	ug/l	n	5.7	0.46	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	2,6-DINITROTOLUENE	0.92	UJ	ug/l	n	4.8	0.92	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	4-CHLOROPHENYL PHENYL ETHER	0.92	U	ug/l	n	4.8	0.92	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	4-BROMOPHENYL PHENYL ETHER	0.95	U	ug/l	n	4.8	0.95	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	BIS(2-CHLOROISOPROPYL)ETHER	2.1	U	ug/l	n	4.8	2.1	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	BIS(2-CHLOROETHOXY)METHANE	1.5	U	ug/l	n	4.8	1.5	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	HEXACHLOROBUTADIENE	2	U	ug/l	n	9.6	2	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	HEXACHLOROETHANE	0.93	U	ug/l	n	4.8	0.93	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	ISOPHORONE	1.5	U	ug/l	n	4.8	1.5	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	NITROBENZENE	1.5	U	ug/l	n	4.8	1.5	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	NITROSODIPHENYLAMINE(NDPA)/DPA	4	U	ug/l	n	14	4	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	N-NITROSODI-N-PROPYLAMINE	1.6	U	ug/l	n	4.8	1.6	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	BIS(2-ETHYLHEXYL)PHTHALATE	1.6	U	ug/l	n	9.6	1.6	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	BUTYL BENZYL PHTHALATE	0.64	U	ug/l	n	4.8	0.64	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	DI-N-BUTYLPHTHALATE	0.48	U	ug/l	n	4.8	0.48	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	DI-N-OCTYLPHTHALATE	0.52	U	ug/l	n	4.8	0.52	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	DIETHYL PHTHALATE	1.5	U	ug/l	n	4.8	1.5	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	DIMETHYL PHTHALATE	1.5	U	ug/l	n	4.8	1.5	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	4-CHLOROANILINE	1.4	U	ug/l	n	4.8	1.4	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	2-NITROANILINE	1.1	U	ug/l	n	4.8	1.1	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	3-NITROANILINE	1.1	U	ug/l	n	4.8	1.1	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	4-NITROANILINE	1.2	U	ug/l	n	6.7	1.2	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	DIBENZOFURAN	2.5	J	ug/l	y	4.8	0.88	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	2,4,6-TRICHLOROPHENOL	1.2	U	ug/l	n	4.8	1.2	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	P-CHLORO-M-CRESOL	1.4	U	ug/l	n	4.8	1.4	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	2-CHLOROPHENOL	1.7	U	ug/l	n	5.7	1.7	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	2,4-DICHLOROPHENOL	2	U	ug/l	n	9.6	2	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	2,4-DIMETHYLPHENOL	22	J	ug/l	y	9.6	2.9	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW03-02	28-Jun-05	L0507237-12	8270C	2-NITROPHENOL	2.2	U	ug/l	n	19	2.2	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	4-NITROPHENOL	1.6	U	ug/l	n	9.6	1.6	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	2,4-DINITROPHENOL	1	U	ug/l	n	19	1	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	4,6-DINITRO-O-CRESOL	1.4	U	ug/l	n	19	1.4	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	PENTACHLOROPHENOL	1.5	U	ug/l	n	19	1.5	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	PHENOL	4.6	J	ug/l	y	6.7	1.1	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	2-METHYLPHENOL	1.4	U	ug/l	n	5.7	1.4	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	3-METHYLPHENOL/4-METHYLPHENOL	1.5	U	ug/l	n	5.7	1.5	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	2,4,5-TRICHLOROPHENOL	0.92	U	ug/l	n	4.8	0.92	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	BENZOIC ACID	0.95	U	ug/l	n	48	0.95	1
8-GW03-02	28-Jun-05	L0507237-12	8270C	CARBAZOLE	5.1		ug/l	y	4.8	1.5	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	ACENAPHTHENE	4.2		ug/l	y	0.19	0.034	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	2-CHLORONAPHTHALENE	0.04	UJ	ug/l	n	0.19	0.04	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	FLUORANTHENE	1.8	J	ug/l	y	0.19	0.038	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	NAPHTHALENE	22		ug/l	y	0.19	0.03	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	BENZO(A)ANTHRACENE	0.24		ug/l	y	0.19	0.036	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	BENZO(A)PYRENE	0.16	J	ug/l	y	0.19	0.038	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	BENZO(B)FLUORANTHENE	0.15	J	ug/l	y	0.19	0.048	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	BENZO(K)FLUORANTHENE	0.18	J	ug/l	y	0.19	0.034	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	CHRYSENE	0.26		ug/l	y	0.19	0.023	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	ACENAPHTHYLENE	0.17	J	ug/l	y	0.19	0.029	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	ANTHRACENE	1.1	J	ug/l	y	0.19	0.047	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	BENZO(GHI)PERYLENE	0.1	J	ug/l	y	0.24	0.024	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	FLUORENE	5		ug/l	y	0.19	0.023	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	PHENANTHRENE	6.6		ug/l	y	0.19	0.03	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	DIBENZO(A,H)ANTHRACENE	0.016	U	ug/l	n	0.19	0.016	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	INDENO(1,2,3-CD)PYRENE	0.096	J	ug/l	y	0.19	0.025	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	PYRENE	1.1	J	ug/l	y	0.19	0.044	1
8-GW03-02	28-Jun-05	L0507237-12	8270C-SIM	2-METHYLNAPHTHALENE	4.3		ug/l	y	0.19	0.034	1
8-GW03-02	28-Jun-05	L0507237-12	8082	AROCLOR 1221	0.07	U	ug/l	n	0.5	0.07	1
8-GW03-02	28-Jun-05	L0507237-12	8082	AROCLOR 1232	0.15	U	ug/l	n	0.5	0.15	1
8-GW03-02	28-Jun-05	L0507237-12	8082	AROCLOR 1242/1016	0.05	U	ug/l	n	0.5	0.05	1
8-GW03-02	28-Jun-05	L0507237-12	8082	AROCLOR 1248	0.12	U	ug/l	n	0.5	0.12	1
8-GW03-02	28-Jun-05	L0507237-12	8082	AROCLOR 1254	0.06	U	ug/l	n	0.5	0.06	1
8-GW03-02	28-Jun-05	L0507237-12	8082	AROCLOR 1260	0.02	U	ug/l	n	0.5	0.02	1
8-GW03-02	28-Jun-05	L0507237-12	8082	AROCLOR 1268	0.05	U	ug/l	n	0.5	0.05	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	DELTA-BHC	0.00202	U	ug/l	n	0.0202	0.00202	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	LINDANE	0.00303	U	ug/l	n	0.0202	0.00303	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	ALPHA-BHC	0.00303	U	ug/l	n	0.0202	0.00303	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	BETA-BHC	0.00505	U	ug/l	n	0.0202	0.00505	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	HEPTACHLOR	0.00404	U	ug/l	n	0.0202	0.00404	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	ALDRIN	0.00404	U	ug/l	n	0.0202	0.00404	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	HEPTACHLOR EPOXIDE	0.00404	U	ug/l	n	0.0202	0.00404	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	ENDRIN	0.0101	U	ug/l	n	0.0404	0.0101	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	ENDRIN ALDEHYDE	0.00909	U	ug/l	n	0.0404	0.00909	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	ENDRIN KETONE	0.00707	U	ug/l	n	0.0404	0.00707	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	DIELDRIN	0.00808	U	ug/l	n	0.0404	0.00808	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW03-02	28-Jun-05	L0507237-12	8081A	4,4'-DDE	0.00707	U	ug/l	n	0.0404	0.00707	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	4,4'-DDD	0.0141	U	ug/l	n	0.0404	0.0141	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	4,4'-DDT	0.00707	U	ug/l	n	0.0404	0.00707	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	ENDOSULFAN I	0.00505	UJ	ug/l	n	0.0202	0.00505	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	ENDOSULFAN II	0.0141	U	ug/l	n	0.0404	0.0141	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	ENDOSULFAN SULFATE	0.00909	U	ug/l	n	0.0404	0.00909	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	METHOXYCHLOR	0.0404	U	ug/l	n	0.202	0.0404	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	TOXAPHENE	0.0758	U	ug/l	n	0.505	0.0758	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	HEXACHLOROBENZENE	0.00202	U	ug/l	n	0.202	0.00202	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	CIS-CHLORDANE	0.00404	U	ug/l	n	0.0202	0.00404	1
8-GW03-02	28-Jun-05	L0507237-12	8081A	TRANS-CHLORDANE	0.00404	U	ug/l	n	0.0202	0.00404	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	N-PROPYLBENZENE	0.32	U	ug/l	n	0.5	0.32	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,2,3-TRICHLOROBENZENE	0.38	U	ug/l	n	2.5	0.38	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,2,4-TRICHLOROBENZENE	0.28	U	ug/l	n	2.5	0.28	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,3,5-TRIMETHYLBENZENE	0.27	U	ug/l	n	2.5	0.27	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,2,4-TRIMETHYLBENZENE	0.25	U	ug/l	n	2.5	0.25	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	METHYLENE CHLORIDE	0.37	U	ug/l	n	5	0.37	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,1-DICHLOROETHANE	0.19	U	ug/l	n	0.75	0.19	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	CHLOROFORM	0.16	U	ug/l	y	0.75	0.14	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	CARBON TETRACHLORIDE	0.38	U	ug/l	n	0.5	0.38	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,2-DICHLOROPROPANE	0.24	U	ug/l	n	1.8	0.24	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	DIBROMOCHLOROMETHANE	0.19	U	ug/l	n	0.5	0.19	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,1,2-TRICHLOROETHANE	0.16	U	ug/l	n	0.75	0.16	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	TETRACHLOROETHENE	0.43	U	ug/l	n	0.5	0.43	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	CHLOROBENZENE	0.32	U	ug/l	n	0.5	0.32	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	TRICHLOROFLUOROMETHANE	0.29	U	ug/l	n	2.5	0.29	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,2-DICHLOROETHANE	0.14	U	ug/l	n	0.5	0.14	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,1,1-TRICHLOROETHANE	0.25	U	ug/l	n	0.5	0.25	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	BROMODICHLOROMETHANE	0.24	U	ug/l	n	0.5	0.24	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	TRANS-1,3-DICHLOROPROPENE	0.24	U	ug/l	n	0.5	0.24	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	CIS-1,3-DICHLOROPROPENE	0.13	U	ug/l	n	0.5	0.13	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,1-DICHLOROPROPENE	0.34	U	ug/l	n	2.5	0.34	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	BROMOFORM	1.1	U	ug/l	n	2	1.1	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,1,2,2-TETRACHLOROETHANE	0.29	U	ug/l	n	0.5	0.29	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	BENZENE	0.29	U	ug/l	n	0.5	0.29	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	TOLUENE	0.31	U	ug/l	n	0.75	0.31	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	ETHYLBENZENE	0.28	U	ug/l	n	0.5	0.28	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	CHLOROMETHANE	0.12	U	ug/l	n	2.5	0.12	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	BROMOMETHANE	0.36	U	ug/l	n	1	0.36	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	VINYL CHLORIDE	0.27	U	ug/l	n	1	0.27	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	CHLOROETHANE	0.36	U	ug/l	n	1	0.36	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,1-DICHLOROETHENE	0.38	U	ug/l	n	0.5	0.38	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	TRANS-1,2-DICHLOROETHENE	0.34	U	ug/l	n	0.75	0.34	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	TRICHLOROETHENE	0.34	U	ug/l	n	0.5	0.34	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,2-DICHLOROBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,3-DICHLOROBENZENE	0.2	U	ug/l	n	2.5	0.2	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,4-DICHLOROBENZENE	0.23	U	ug/l	n	2.5	0.23	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507237

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-TB01-02	1-Jun-05	L0507237-13	8260B	METHYL TERT BUTYL ETHER	0.12	U	ug/l	n	1	0.12	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	P/M-XYLENE	0.39	U	ug/l	n	1	0.39	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	O-XYLENE	0.3	U	ug/l	n	1	0.3	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	CIS-1,2-DICHLOROETHENE	0.18	U	ug/l	n	0.5	0.18	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	DIBROMOMETHANE	0.19	U	ug/l	n	5	0.19	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,2,3-TRICHLOROPROPANE	0.23	U	ug/l	n	5	0.23	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	STYRENE	0.44	U	ug/l	n	1	0.44	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	DICHLORODIFLUOROMETHANE	0.3	U	ug/l	n	5	0.3	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	ACETONE	1.5	UJ	ug/l	n	5	1.5	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	CARBON DISULFIDE	0.27	U	ug/l	n	5	0.27	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	2-BUTANONE	1.7	UJ	ug/l	n	5	1.7	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	4-METHYL-2-PENTANONE	0.4	U	ug/l	n	5	0.4	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	2-HEXANONE	1.8	UJ	ug/l	n	5	1.8	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	BROMOCHLOROMETHANE	0.19	U	ug/l	n	2.5	0.19	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	2,2-DICHLOROPROPANE	0.63	U	ug/l	n	2.5	0.63	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,2-DIBROMOETHANE	0.23	U	ug/l	n	2	0.23	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,3-DICHLOROPROPANE	0.17	U	ug/l	n	2.5	0.17	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,1,1,2-TETRACHLOROETHANE	0.31	U	ug/l	n	0.5	0.31	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	BROMOBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	N-BUTYLBENZENE	0.41	U	ug/l	n	0.5	0.41	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	SEC-BUTYLBENZENE	0.4	U	ug/l	n	0.5	0.4	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	TERT-BUTYLBENZENE	0.29	U	ug/l	n	2.5	0.29	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	O-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	P-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	1,2-DIBROMO-3-CHLOROPROPANE	1.6	U	ug/l	n	2.5	1.6	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	HEXACHLOROBUTADIENE	0.43	U	ug/l	n	1	0.43	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	ISOPROPYLBENZENE	0.26	U	ug/l	n	0.5	0.26	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	P-ISOPROPYLTOLUENE	0.33	U	ug/l	n	0.5	0.33	1
8-TB01-02	1-Jun-05	L0507237-13	8260B	NAPHTHALENE	0.41	U	ug/l	n	2.5	0.41	1

Field Duplicate Worksheet - Round 14 - June 2005 - Goss Cove - SDG 0507237

Field Sample	Analyte	Analytical Method	Dilution Factor	Result	Units	Qualifier	Field Duplicate	Dilution Factor	Analyte	Result	Units	Qualifier	Field Duplicate RPD
8-GW10S-02	ETHYLBENZENE	8260B	2.5	1.6	ug/l	J	8-GW062805	50	ETHYLBENZENE	14	ug/l	UJ	**NC**
8-GW10S-02	TETRACHLOROETHENE	8260B	100	2700	ug/l		8-GW062805	50	TETRACHLOROETHENE	2800	ug/l		3.6
8-GW08D-02	TETRACHLOROETHENE	8260B	50	3200	ug/l		8-GW062905	50	TETRACHLOROETHENE	3100	ug/l		3.2
8-GW08D-02	1,1-DICHLOROPROPENE	8260B	50	35	ug/l	J	8-GW062905	50	1,1-DICHLOROPROPENE	17	ug/l	UJ	**NC**
8-GW10S-02	PHENANTHRENE	8270-SIM	1	0.04	ug/l	J	8-GW062805	1	PHENANTHRENE	0.047	ug/l	J	16.1
8-GW10S-02	BARIUM, TOTAL	6010B	1	0.02	mg/l		8-GW062805	1	BARIUM, TOTAL	0.02	mg/l		0.0
8-GW10S-02	CALCIUM, TOTAL	6010B	1	7.1	mg/l		8-GW062805	1	CALCIUM, TOTAL	7.4	mg/l		4.1
8-GW10S-02	COPPER, TOTAL	6010B	1	0.001	mg/l	J	8-GW062805	1	COPPER, TOTAL	0.002	mg/l	J	**66.7**
8-GW10S-02	IRON, TOTAL	6010B	1	0.038	mg/l	J	8-GW062805	1	IRON, TOTAL	0.06	mg/l		44.9
8-GW10S-02	MAGNESIUM, TOTAL	6010B	1	1.8	mg/l		8-GW062805	1	MAGNESIUM, TOTAL	1.9	mg/l		5.4
8-GW10S-02	MANGANESE, TOTAL	6010B	1	0.01	mg/l	J	8-GW062805	1	MANGANESE, TOTAL	0.01	mg/l		0.0
8-GW10S-02	SODIUM, TOTAL	6010B	1	23	mg/l		8-GW062805	1	SODIUM, TOTAL	25	mg/l		8.3
8-GW10S-02	ZINC, TOTAL	6010B	1	0.03	mg/l	J	8-GW062805	1	ZINC, TOTAL	0.031	mg/l	J	3.3
8-GW10S-02	BARIUM, DISSOLVED	6010B	1	0.02	mg/l		8-GW062805	1	BARIUM, DISSOLVED	0.02	mg/l		0.0
8-GW10S-02	CALCIUM, DISSOLVED	6010B	1	7	mg/l		8-GW062805	1	CALCIUM, DISSOLVED	7.2	mg/l		2.8
8-GW10S-02	MAGNESIUM, DISSOLVED	6010B	1	1.7	mg/l		8-GW062805	1	MAGNESIUM, DISSOLVED	1.8	mg/l		5.7
8-GW10S-02	MANGANESE, DISSOLVED	6010B	1	0.009	mg/l	J	8-GW062805	1	MANGANESE, DISSOLVED	0.009	mg/l	J	0.0
8-GW10S-02	SODIUM, DISSOLVED	6010B	1	22	mg/l		8-GW062805	1	SODIUM, DISSOLVED	23	mg/l		4.4
8-GW10S-02	ZINC, DISSOLVED	6010B	1	0.027	mg/l	J	8-GW062805	1	ZINC, DISSOLVED	0.027	mg/l	J	0.0
8-GW08D-02	BARIUM, TOTAL	6010B	1	0.01	mg/l		8-GW062905	1	BARIUM, TOTAL	0.01	mg/l		0.0
8-GW08D-02	CALCIUM, TOTAL	6010B	1	14	mg/l		8-GW062905	1	CALCIUM, TOTAL	15	mg/l		6.9
8-GW08D-02	COBALT, TOTAL	6010B	1	0.0007	mg/l	UJ	8-GW062905	1	COBALT, TOTAL	0.001	mg/l	J	**NC**
8-GW08D-02	IRON, TOTAL	6010B	1	0.027	mg/l	J	8-GW062905	1	IRON, TOTAL	0.042	mg/l	J	43.5
8-GW08D-02	MAGNESIUM, TOTAL	6010B	1	2.3	mg/l		8-GW062905	1	MAGNESIUM, TOTAL	2.3	mg/l		0.0
8-GW08D-02	MANGANESE, TOTAL	6010B	1	0.06	mg/l		8-GW062905	1	MANGANESE, TOTAL	0.07	mg/l		15.4
8-GW08D-02	MOLYBDENUM, TOTAL	6010B	1	0.0009	mg/l	U	8-GW062905	1	MOLYBDENUM, TOTAL	0.008	mg/l	J	**NC**
8-GW08D-02	SODIUM, TOTAL	6010B	1	30	mg/l		8-GW062905	1	SODIUM, TOTAL	30	mg/l		0.0
8-GW08D-02	VANADIUM, TOTAL	6010B	1	0.0007	mg/l	UJ	8-GW062905	1	VANADIUM, TOTAL	0.001	mg/l	J	**NC**
8-GW08D-02	ZINC, TOTAL	6010B	1	0.009	mg/l	J	8-GW062905	1	ZINC, TOTAL	0.01	mg/l	J	10.5
8-GW08D-02	BARIUM, DISSOLVED	6010B	1	0.01	mg/l		8-GW062905	1	BARIUM, DISSOLVED	0.01	mg/l		0.0
8-GW08D-02	CALCIUM, DISSOLVED	6010B	1	14	mg/l		8-GW062905	1	CALCIUM, DISSOLVED	13	mg/l		7.4
8-GW08D-02	MAGNESIUM, DISSOLVED	6010B	1	2.2	mg/l		8-GW062905	1	MAGNESIUM, DISSOLVED	2.2	mg/l		0.0
8-GW08D-02	MANGANESE, DISSOLVED	6010B	1	0.04	mg/l		8-GW062905	1	MANGANESE, DISSOLVED	0.03	mg/l		28.6
8-GW08D-02	SODIUM, DISSOLVED	6010B	1	29	mg/l		8-GW062905	1	SODIUM, DISSOLVED	28	mg/l		3.5
8-GW08D-02	ZINC, DISSOLVED	6010B	1	0.008	mg/l	J	8-GW062905	1	ZINC, DISSOLVED	0.008	mg/l	J	0.0
8-GW10S-02	SULFATE	9038	1	11	mg/l		8-GW062805	1	SULFATE	11	mg/l		0.0
8-GW08D-02	SULFATE	9038	1	9.9	mg/l	J	8-GW062905	1	SULFATE	12	mg/l		19.2
8-GW10S-02	HARDNESS	2340B	1	25	mg/l		8-GW062805	1	HARDNESS	26	mg/l		3.9
8-GW08D-02	HARDNESS	2340B	1	46	mg/l		8-GW062905	1	HARDNESS	46	mg/l		0.0

Field Duplicate Worksheet - Round 14 - June 2005 - Goss Cove - SDG 0507237

8-GW10S-02	NITROGEN, NITRATE	4500NO3-F	1	0.34	mg/l		8-GW062805	1	NITROGEN, NITRATE	0.33	mg/l		3.0
8-GW08D-02	NITROGEN, NITRATE	4500NO3-F	1	0.39	mg/l	J	8-GW062905	1	NITROGEN, NITRATE	1.1	mg/l	J	**95.3**

CHAIN OF CUSTODY

Date Rec'd in Lab: 6/29/05

ALPHA Job #: L0507237

ALPHA Laboratory
Eight Walk Up Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Client Information

Client: Environmental Chemical Corporation
Address: 50 D'ANGELO DRIVE
MARLBOROUGH, MA 01752
Phone: 508-229-2270
Fax:
Email:

☒ These samples have been Previously analyzed by Alpha

Project Information

Project Name: GOSS COVE
Project Location: NEW LONDON, CT
Project #:
Project Manager:
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: 7/7/05 Time:

Report Information

☐ FAX ☐ EMAIL
☐ ADEx ☐ Add'l Deliverables

Data Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

MCP PRESUMPTIVE CERTAINTY-THESE QUESTIONS MUST BE ANSWERED

☐ Yes	☐ No	Are MCP Analytical Methods Required?
☐ Yes	☐ No	Are Drinking Water Samples Submitted?
☐ Yes	☐ No	Have you met minimum field QC requirements?

Other Project Specific Requirements/Comments/Detection Limits:
*Dissolved metals are field filtered.

ANALYSIS

SAMPLE HANDLING
Filtration
☐ Done
☐ Not Needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	SVOC-8270C	PAH-8270C SIM	TOTAL METALS	*DISSOLVED METALS	HARDNESS	VOC	SULFATE, NITRATE	PCB, PEST					Sample Specific Comments
07237.1	8-GW10S-02	6/28/05	1758	GW		X	X	X	X	X	X	X	X					
2	8-GW01-02	6/29/05	1050	GW		X	X	X	X	X	X	X	X					
3	8-GW02D-02	6/28/05	0943	GW		X	X	X	X	X	X	X	X					
4	8-GW02S-02	6/28/05	1045	GW		X	X	X	X	X	X	X	X					
5	8-GW062805	6/28/05	0000	GW		X	X	X	X	X	X	X	X					
6	8-GWHNUS23-02	6/28/05	1559	GW		X	X	X	X	X	X	X	X					
7	8-GW07S-02	6/28/05	1338	GW		X	X	X	X	X	X	X	X					
8	8-GW5S-02	6/28/05	0943	GW		X	X	X	X	X	X	X	X					
9	8-GW08D-02	6/29/05	1048	GW		X	X	X	X	X	X	X	X					MS/MSD
10	8-GW062905	6/29/05	0000	GW		X	X	X	X	X	X	X	X					
					Container Type	-	-	-	-	-	-	-	-	-	-	-	-	
					Preservative	-	-	-	-	-	-	-	-	-	-	-	-	

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

IS YOUR PROJECT MCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	6/29/05 1630	[illegible]	6/29/05 16[illegible]
[illegible]	6/29/05 1830	[illegible]	6/29/05 183[illegible]

Please print clearly, legi and completely. Sampl not be logged in and turnaround time clock w start until any ambiguitie resolved. All samples submitted are subject to Alpha's Payment Terms

FORM NO 01-01 Internal

CHAIN OF CUSTODY

PAGE OF

ALPHA ANALYTICAL

Eight Walk Up Drive Westborough, MA 01581
TEL 508-898-9220 FAX: 508-898-9193

Client Information

Client: Environmental Chemical Corporation
Address: 50 D'ANGELO DRIVE
MARLBOROUGH, MA 01752
Phone: 508-229-2270
Fax:
Email:

☒ These samples have been Previously analyzed by Alpha

Project Information

Project Name: GOSS COVE
Project Location: NEW LONDON, CT
Project #:
Project Manager:
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: 7/7/05 Time:

Other Project Specific Requirements/Comments/Detection Limits:
Dissolved Metals are Field Filtered.

Date Rec'd in Lab: 6/29/05

ALPHA Job #: L0507237

Report Information Data Deliverables

☐ FAX ☐ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

MCP PRESUMPTIVE CERTAINTY-THESE QUESTIONS MUST BE ANSWERED

☐ Yes	☐ No	Are MCP Analytical Methods Recuired?
☐ Yes	☐ No	Are Drinking Water Samples Submitted?
☐ Yes	☐ No	Have you met minimum field QC requirements?

ANALYSIS

SAMPLE HANDLING
Filtration
☐ Done
☐ Not Needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	SVOC-8270C	PAH-8270C SIM	TOTAL METALS	DISSOLVED METALS	HARDNESS	VOC	SULFATE, NITRATE	PCB, PEST					Sample Specific Comments
07237, 11	8-GW06S-02	6/29/05	1453	GW		X	X	X	X	X	X	X	X					FF
12	8-GW03-02	6/28/05	1040	GW		X	X	X	X	X	X	X	X					FF
13	8-TB01-02	6/29/05	0800	W							X							
Container Type						-	-	-	-	-	-	-	-	-	-	-	-	
Preservative						-	-	-	-	-	-	-	-	-	-	-	-	

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

IS YOUR PROJECT **MCP?**

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	6/29/05 1630	[illegible]	6/29/05 1630
[illegible]	6/29/05 1830	[illegible]	6/29/05 1830

Please print clearly, legi and completely. Sampl not be logged in and turnaround time clock w start until any ambiguitie resolved. All samples submitted are subject to Alpha's Payment Terms

FORM NO 01-01 Internal

DATA VALIDATION MEMORANDUM
O&M MONITORING SITES – NEW LONDON NSB GOSS COVE
JUNE 2005 SAMPLING ROUND 14 (SDG 0507274 ALPHA LAB)

TO: ENGINEERING FIELD ACTIVITY NORTHEAST

FROM: JACKSON KIKER, ECC SENIOR CHEMIST, MARLBOROUGH, MA.

SUBJECT: NEW LONDON NSB – IRP O&M MONITORING SITES - SAMPLING ROUND-14, JUNE '05

DATE: 25 AUGUST 2005

Project data were validated using the following Validation Functional Guideline, as modified for non-CLP methods.

1. Region I, EPA-NE Data Validation Functional Guidelines for Evaluation of Environmental Analyses (Dec, 1996).

2. Operations and Maintenance Manual for Installation Restoration Program at Naval Submarine Base New London (Nov, 2002).

The validation guideline exceedences are assessed and documented on the method specific data validation worksheet. On the data validation worksheet, the data quality acceptance criteria are presented, analytes requiring qualification based on laboratory historical control limits and/or validation guidance criteria exceedences are listed, assigned qualifiers, qualifying rationale is documented, and any potential bias noted. The overall evaluation of the data generated is presented in the data validation worksheet.

Standard EPA Region I data qualifiers are used to denote the assessment of data quality. The final and ranking assigned data qualifier for an analyte is presented in the data summary table. Ancillary qualifiers are noted on the data validation worksheets.

As an exception to the USEPA Region I data validation guidance, non-target ketone VOC data with response factors (RFs) less than the 0.05 were not qualified, as the Tier guidance allows for exceptions to the RF guidance.

The USEPA Region I Organic Regional Data Assessment (ORDA) sheet displays the summarized results of the data validation assessment for all analytical methods reported in the SDG.

Region I, EPA-NE ORGANIC REGIONAL DATA ASSESSMENT

LAB NAME: Alpha Lab
SDG #:__L0507274_____
EPA-NE DV TIER LEVEL:___II___
SITE NAME: New London NSB O&M – Goss Cove

# of SAMPLES/MATRIX:___1-groundwater & 1-TB (VOC)__
VALIDATION CONTRACTOR:__ECC
VALIDATOR'S NAME: Guruprasad Ranganathan
DV Completion Date:_August 31, 2005.
Date Sampled__June 30, 2005 _____

ANALYTICAL DATA QUALITY SUMMARY

		VOC	SVOC	PAH	Pesticide	PCB	Metals
1	Preservation and HT	O	O	O	O	O	O
2	Instrument Performance Check	O	O	O	O	-	O
3	Initial Calibration:	O	O	M	O	O	O
4	Continuing Calibration:	M	M	M	O	O	O
5	Blanks:	M	O	O	O	O	M
6	Surrogate Compounds:	O	O	O	O	O	-
7	Internal Standards	O	O	O	O	O	-
8	Matrix Spike/Matrix Spike Duplicate:	O	M	O	M	O	O
9	Sensitivity Check:	O	O	O	O	O	O
10	PE Samples- Accuracy Check	O	M	O	M	O	O
11	Target Compound Identification:	O	O	O	O	O	O
12	Compound Quantitation and Reported QLs	O	O	O	O	O	O
13	Tentatively Identified Compounds:	-	-	-	-	-	-
14	Semivolatile/Pesticide/PCB Cleanup:	-	-	-	-	-	-
15	Data Completeness	O	O	O	O	O	O
16	Overall Evaluation of Data:	O	O	O	O	O	O

O = Data had no problems or were qualified due to minor contractual problems; M = Data were qualified due to major/systemic MPC exceedences: Z = Data were rejected as unusable due to major contractual problems.

ACTION ITEMS: (Z items): no action items.

AREAS OF CONCERN: (M items):

VOC: Due to high %D in CCV, acetone, 2-butanone & 2-hexanone results were qualified UJ. Chloroform result in sample 02 was qualified U due to method blank contamination.

SVOC: Low recoveries for NDPA/DPA, 2,4-dimethlphenol and benzoic acid. Results for NDPA/DPA, 2,4-dimethlphenol and benzoic acid qualified UJ. High MS/MSD RPD's for 2,4-dimethylphenol and benzoic acid – results for these compounds qualified UJ. High CCV %D for 2,6-dinitrotoluene.

PAH: 2-chloronaphthalene, anthracene, pyrene, benzo(k)fluoranthene and benzo(a)pyrene results were qualified J for detects and UJ for non-detects due to high ICV %D's. Due to high %D in CCV, acenaphthylene result was qualified UJ.

Pesticide: Zero LCS recovery for toxaphene but the LCS also had zero surrogate recoveries, so the LCS for toxaphene was ignored and the sample result qualified UJ. Low LCS recovery for beta-BHC. MS recoveries outside MPC limits for alpha-BHC, beta-BHC, endrin ketone and hexachlorobenzene – results for the compounds qualified UJ.

PCB: None.

Metals: Total Tl result in sample 01 was qualified U due to prep blank contamination. Total and dissolved Ni results were qualified U due to ICB contamination.

ECC Region I Data Review Worksheet (rv 2) **VOCs 8260B**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual (2002)**

Data Validation Level	Matrix	Preservation	Temp Sample Receipt	Laboratory	SDG Number
Tier II	Aqueous	HCl	1-cooler 3.3 °C	Alpha Laboratory Westborough, MA	L0507274

Field Identification and Laboratory Number of Samples Evaluated:

Field ID	Lab Sample Number
8-GW06D-02	L0507274-01
8-TB02-02	L0507274-02

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED/Rationale	Inventory	QUAL	BIAS
COC, Sample Delivery Group Form.	1)Unbroken custody (accept or if broken R) 2) Temp≤6° (Soil-J detects, R -nondetects preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound)	Cooler temperatures < 6 °C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody. No samples qualified.	X	-	
Holding Time	1) 14 Days to analysis, if preserved 2) J –detects, UJ or R –nondetects (function of time) 3) *transcription errors	Sample Date: June 30, 2005. Analyzed on: July 1, 2005. All samples analyzed within holding times – no sample qualifications.	X	-	
% Solids Check (SOLIDS)	30%<Solids: if no sample weight adjustment made. 1) <10% R entire sample 2) 10%.> and <30%; J-detects, NDs -R	Not applicable (NA)	X	-	
Trip Blanks	1) < 5x (<10x common) contaminants for aq samples- 2) TGT analytes <Lab QL (contact lab) -for soils indicate TB (X rules apply to raw data) 4) MeCl & Acetone < 5 5) >RL report sample level U 6) <RL report PQL as U	Trip blank – sample 02 – detected with chloroform and bromodichloromethane. Chloroform result was qualified U due to method blank contamination. No bromodichloromethane detection in the other sample. No sample qualifications.	X	-	
Equip Blank	1) < 5x (<10x common) contaminants for aq samples- 2) TGT analytes <Lab QL (contact lab) -for soils indicate TB (X rules don't apply) 3) MeCl & Acetone < 5 *Check IS area (10% of them) * recalculate surrogate (%R – 10 % of them)	Not collected/analyzed with this SDG - dedicated equipment.	-	-	
Results > Cal Range or <Cal Range	1) >Upper Cal Range J-detects - ensure instrument blank performed 2) <PQL but >MDL – J –detects (estimated) listed on data summary sheet.	Results <PQL but >MDL were qualified as estimated (J). Please see attached data summary tables for all such results.	X	Results < MRL but > MDL qualified J.	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED/Rationale	Inven-tory	QUAL	BIAS
*TICs (if reported)	1) *verify library search for samples and blanks 2) verify TICs were not misreported compounds (different fraction or miss in search) 3) All TICs – J estimated 4) * verify blanks do not contain TIC peaks 5) * check TIC assignment spectra to STD spectra 6) *review blank and Samples for common lab contaminants	None Reported/not evaluated	-	-	
Surrogates	1,2-Dichloroethane-d4 70-120% Toluene-d8 75%-120% 4-BFB 75%-120% *check raw data for surrogated (recalculate 10% of them). *Transcription errors Qualification: >UCL J –detects, %R<10% J –detects, R –NDs, %R >10% but <70% J-detects, UJ NDs	All surrogate recoveries within MPC limits. No samples qualified	X	-	
Lab Blanks (method blanks)	1) < 5x (<10x common) contaminants for aq samples- 3) TGT analytes <Lab QL 4) MeCl & Acetone, 2-butanone, 4M-2Pentaone, and 2-hexanone < 5 (25 ml purge) 5) if linear range is exceeded, verify if a instrument blank was performed 6) *verify accurate transcription of times, Ids, are reported on forms 7) *verify from the raw data if the instrument blank was performed in the same vessel 8) *verify IS, RRT, and surrogate %R *check 10% of raw chromotgrams for false +/-, check for transcription errors	Method blank was detected with chloroform (0.16 ppb) and 1,1-dichloropropene (0.67ppb). Chloroform detection in sample 02 (trip blank) was qualified U. No detection of 1,1-dichloropropene in the samples.	X	Chloroform result in sample 02 was qualified U.	
LCS Recovery	1) benzene 79-119%, toluene 75-123%, chlorobenzene 81-123%, 1,1 DCE 69-126%, TCE 79-118%. 2) 10% and <LCL% J detec ts, UJ –Nods 3) >UCL% J detects <10% R NDs, J-detects 7) *Recalculate the concentrations for one compound in the LCS 8) * Recalculate the %R (within 10% of lab) Note: Tier guidance as a zero blind	All LCS recoveries within MPC limits. No sample qualifications.	X	-	
MS/MSD Recovery	1) benzene 80-120%, toluene 75-120%, chlorobenzene 80-120%, 1,1 DCE 70-130%, TCE 70-125%. 2) 80-120% (if MS > 4X native levels) Qualification of MS sample: <10% J detects, R NDs >10% and <LCL% J detects, UJ -NDs >UCL% J detects 3) *Recalculate the concentrations for one compound in the MS/MSD * Recalculate the %R (within 10% of lab)	Native sample - sample 0507237-09 – part of another SDG. MS/MSD recoveries outside MPC limits for tetrachloroethene but the spikes were < 4X native sample levels for the compound. MS/MSD recoveries within MPC limits for all other compounds. No sample qualifications.	X	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED/Rationale	Inven-tory	QUAL	BIAS
MS/MSD RPD	RPD ≤30% (aq) J –detects in MS sample UJ-non detects * recalculate RPD	Native sample - sample 0507237-09 – part of another SDG. RPD's within MPC limits for all compounds. Laboratory precision was acceptable for all VOC's of concern. No samples qualified.	X	-	
Field Dup RPD	1) RPD ≤ 30%, <40% gaseous VOCs water; ≤ 50 soil for Results > PQL (FD pair only) J-detects (both > PQL) 2) If one >PQL, other ND, J-detections, UJ non-detect 3) Other conditions use judgement 4) Determine RPD for detects only. *Recalculate the concentrations for one compound and the PQL	No applicable field duplicates analyzed with this SDG.	X	-	
*MDL Study	1) *In accordance with 40CFR – seven replicates %RSD < 20% 2) * IS and retention times within method requirements 5) * performed annually 6) *MDL is at least ½ of PQL 7) *tgt and surrogate 80-120% R *VOA/SV-X11 (recalcuate %RSD and %R for three compounds (10% of them).	NA	-	-	
Internal Stds	1) IS are –50% to 200% of last Ical, or CCV 3) RRT<0.06 (30 sec) 4) IS>100% J-detects 5) IS<20%CCV NDs – R 6) IS>20%CCV <50%CCV NDs – UJ 7) *check for IS transcription errors	All IS %R and RT's were within method limits. No samples qualified.	X	-	
Sensitivity	1) MDL study – 7 replicates (40 CFR) 2) Surrogates %in control limits. 3) %R <10 ND- (R) , J- detects 4) 10%> but <LCL% , judgement 5) %R>UCL% J-detects 4) QC, IS, RRT meet criteria, 5) %RSD < 20% 6) MDL< MQL (3x less ideal) 7) Lab fortitied blank (see VOA/SV Part II – section X). 8) *Check and recalculate %RSDs and %R for three compounds (with 10% of lab) <u>Dilution factors for samples – impacts to sensitivity</u>	No dilutions required. Acceptable sensitivities for all results – MQL > 3xMDL for most of the compounds.	X	-	
*Compound Quantitation (completed as part of other steps)	1) Check sensitivy (MDL< 1/3 PQL) 2) *Recalculate one detection and quantitation limit 3) *verify concentrations have been adjusted to account for DW, DF, 4) *verifiy correct IS and RRF were used	NA	-	-	
*System Performance	1)* evaluate PES, MS//MSD, cal STDs, MDS study, and surrogates for systemic bias – high or low and access system accuracy 9) *Matrix effects- MS/MSD, surrogated, PDS. 10) *System chromatography- evaluate RRTs, peaks shapes, system impacts on data, baseline shifts. 11) *overall system contamination-review all	NA	-	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED/Rationale	Inven-tory	QUAL	BIAS
	blanks for systemic or sporadic contamination				
*TGT Compound Identification	1) *Within 0.06 (30 sec) of CCV RRT 2) * compare sample Mass spectra to standard spectra; a) all ions in std spectra (with 10% rel intensity) presnent in sample spectra. B) sample ion abundance within 20% of standard spectra. 3) *chromatogram: all peaks greater than 10% of nearest IS identified.	NA	-	-	
Single Blind PE	1) Qualify associated samples in PES batch PES = ND, Detects J – ND PE analytes in samples, NDs – R 12) PES > acceptance criteria – Detects in samples J, 13) PES<acceptance criteria – Detects J, NDs –R 14) VOA/SV-XI14 other criteria 15) *% of PES sample above and below criteria *Recalculate concentrations for one tgt compound per PES (10% of lab)	NA	-	-	
Tune check	1) ion abundance with method limits 2) *check for co-elution /proper background subtratction 3) *compare reported data to raw data	All tunes passed method criteria. No samples qualified.	X	-	
Initial Cal Multipoint (instrument evaluation)	1) correct calibration stds 2) within 12 hours of the tune check 3) CCCs %RSD: <30% (1,1 DCA, chloroform, 1,2dichloropropane, Toluene, EB, VC (J –detects, R or UJ NDs all samples associated with Ical) 4) SPCCs Average RRF: SPCCs Chloromethane >0.10, 1,1 DCA>0.10, bromoform >0.10, chlorobenzene>0.3, 1122TCA>0.3 (J –detects, R NDs) 5) RRF>0.05 all compounds 6) RRT < 0.06 units (all stds within 30 sec) *7) RRF exclusions: surrogates, acetone, MeCL, chloroethane/methane, CS, 1,2 DCA, 2-butanone, 1,2 dichloropropane, 2-hexanone (IV-8)./* 8) *verify that instrument parameters met method and that Ical and analysis used the same parameters 9) *recalculate RRF one tgt compound associated with each IS. Recalculated values within 10% of lab values. 10) *recalculate one tgt compound associated with each IS. Recalculated values within 10% 11) *option-review preparation logs to ensure cal stds are traceable to NIST stds. 12) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package)	Instrument: Elaine Date: June 21, 2005 at 11:51 (end time). RRF>0.05 for all compounds.	X	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED/Rationale	Inven-tory	QUAL	BIAS
Initial Cal (Linearity)	%RSD < 15% use average RF for calibration %RSD> 15% use least squares COD (r2) > 0.990 or correlation coefficient r> 0.995 or alternatively mean %RSD <15% for all target analytes, with no analyte %RSD>30% or %RSD<30% each target analyte Qualification for compounds with %RSD>30% (see VOA/SVIII-5)	Instrument: Elaine Date: June 21, 2005 at 11:51 (end time). %RSD < 15 or COD > 0.99 for all compounds. Calibration was linear for all compounds of concern. No sample qualifications.	X	-	
2nd Source ICV	%D <25%. %R (between ICV and Ical) analytes 80%--120% (+ or -) once per 5 pt cal Qualification: J detects, R or UJ NDs	Instrument: Elaine Date: June 21, 2005 at 15:14 (inj. time). All %D's within MPC limits – no sample qualifications.	X	-	
CCV	1) SPCCs Average RRF: SPCCs Chloromethane >0.10, 1,1 DCA>0.10, bromoform >0.10, chlorobenzene>0.3, 1122TCA>0.3 2) RRF all compounds > 0.05 *3)* CCC: (1,1 DCA, chloroform, 1,2dichloropropane, Toluene, EB, VC) %D<20% (or all analytes if no CCCs reported). *4)* Lab method limits for non SPCC/CCC's. *5)* *RRF exclusions: surrogates, acetone, MeCL, chloroethane/methane, CS, 1,2 DCA, 2-butanone, 1,2 dichloropropane, 2-hexanone (IV-8)./* 6) Qualification-J detects, R or UJ NDs 7) *verify same instrument and parameters 8) *Recalculate RRF for one tgt cmpd associated with each IS. (within 10%) 9) *Recalculate %D for one tgt cmpd associated with each IS (within 10%) 10) *IS RRT<0.06 units (30 sec) 11) * IS area -50 % to 100 % of last ICAL 12) *option-review preparation logs to ensure cal stds are traceable to NIST stds. 13) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package)	Instrument ID: Elaine Date: July 1, 2005. July 1 at 1451 hrs – %D outside MPC limits for acetone, 2-butanone and 2-hexanone. Results for these compounds in the samples – all non-detects – were qualified UJ.	X	Results for acetone, 2-butanone and 2-hexanone qualified UJ.	
Overall Evaluation of Data	1) Appropriate method 2) Evaluate any analytical problems 3) Evaluate sampling errors – field contamination, sample hold times	Laboratory precision and accuracy acceptable. Sample results usable for project decisions, as qualified. All surrogate and LCS recoveries within MPC limits. No qualifications due to MS/MSD recoveries – all recovery exceedances were in cases where spikes were < 4X native levels. All MS/MSD RPD's within MPC limits. Calibration: ICAL linear for all compounds. ICV's - ICal confirmed. CCV: Due to high %D, acetone, 2-butanone & 2-hexanone results in samples were qualified UJ. No qualifications due to trip blank detection of chloroform - it was qualified U due to method blank contamination. Chloroform result in sample 02 was qualified U due to method blank contamination.	X	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED/Rationale	Inven-tory	QUAL	BIAS
		All results > MDL but < RDL were qualified J – please see attached Data Summary Table for all such results. Sampling precision: No field duplicates analyzed with this SDG.			

* Tier III review items only.

Completeness Check: Inventory Check Sheet_____X__. Sample Quantitation Calculations (TIER III only):

ECC Region I Data Review Worksheet (rv 2) **SVOCs 8270C**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual (2002)**

Data Validation Level	Matrix	Preservation	Temperature Sample Receipt	Laboratory	SDG Number
Tier II	Aqueous	-	1-cooler 3.3 °C	Alpha Laboratory Westborough , MA	L0507274

Field Identification of Samples Evaluated:

Field ID	Lab Sample Number
8-GW06D-02	L0507274-01

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inve n-tory	QUAL	BIA S
COC, Sample Delivery Group Form.	1)Unbroken custody (accept or if broken R) 2) Temp≤6° (Soil-J detects, R -nondetects preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound)	Cooler temperatures < 6 °C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody. No samples qualified.	X	-	
Holding Time	1) 7 Days aqueous – 14 days soil (extract 40 days) 2) J –detects, UJ or R –nondetects (function of time)	Sample Date: June 30, 2005. Extracted on: July 1, 2005 Analyzed on: July 7, 2005. All samples analyzed within holding times – no sample qualifications.	X	-	
% Solids Check (SOLIDS)	30%<Solids: if no sample weight adjustment made (no USACE) 1) <10% R entire sample 2) 10%.> and <30%; J-detects, NDs -R	Not applicable	-	-	
Results > Cal Range or <Cal Range	1) >Upper Cal Range J-detects - ensure instrument blank performed 2) <PQL but >MDL – J –detects (estimated)	Data reported between the MDL and the MRL or exceeding upper calibration range were qualified as estimated (J). No such results.	X	-	
TIC's (if reported)	1) *verify library search for samples and blanks 2) verify TICs were not misreported compounds (different fraction or miss in search) 3) All TICs – J estimated 4) * verify blanks do not contain TIC peaks 5) * check TIC assignment spectra to STD spectra 6) *review blank and Samples for common lab contaminants	None Reported	X	-	
Internal Stds	1) IS are –50% to 200% of CCV 1) RRT<0.06 (30 sec) 2) IS>100% J-detects 3) IS<20%CCV NDs – R 4) IS>20%CCV <50%CCV NDs – UJ 5) *check for IS transcription errors	Internal standards were within MPC limits. No samples qualified.	X	-	
Equip Blank	< 5x (<10x common) contaminants for aq samples – for soil indicate EB (X rules don't apply)	Dedicated equipment – hence not collected/analyzed with this SDG	-	-	

ECC Region I Data Review Worksheet (rv 2) **SVOCs 8270C**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual (2002)**

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inve n-tory	QUAL	BIAS
Surrogates	Within historical laboratory limits Qualification: >UCL J –detects, %R<10% J –detects, R –NDs, %R >10% but <LCL% J-detects, UJ NDs	Surrogate recoveries within MPC limits for all samples. No sample qualifications.	X	-	
Lab Blanks (method blanks)	1) < 5x (<10x common) contaminants – U 2) analytes <lab PQL (contract lab) no phthalates >5X QL (QAPP)	Method blank was non-detect for all SVOC's of concern.	X	-	
LCS Recovery	1) Within historical laboratory limits listed in (QAPP) 10% and <LCL% J detects, UJ –NDs >UCL% J detects <10% R NDs, J-detects	High LCS recoveries for 2,4-dinitrotoluene and 2,6-dinitrotoluene but all sample results were non-detects. Low recoveries for NDPA/DPA, 2,4-dimethlphenol and benzoic acid. Results for NDPA/DPA, 2,4-dimethlphenol and benzoic acid qualified UJ.	X	Results for NDPA/DPA, 2,4-dimethylphenol and benzoic acid qualified UJ.	
MS/MSD Recovery	1) Within historical laboratory limits (QAPP) (if MS > 4X native levels) Qualification of MS sample: <10% J detects, R NDs >10% and <70% J detects, UJ -NDs >130% J detects	Native sample – sample 01. High MS/MSD recoveries for 2,4-dinitrotoluene and 2,6-dinitrotoluene but all sample results for the compounds were non-detects.	X	-	
Cleanup Performance Check (if performed)	%R< 10% NDs-R detections J %R>10% <LCL (80%GPC) –detections J, NDs UJ %R>UCL (120%) – detections J Retention Time shift <5%, symmetrical peakshape. GPC check with interferants. Good surrogate recovery, GPC blank check – no carryover.(VOA/SV-IX-I6). Sulfur and High MW compounds removed. Symmetrical peaks for all compounds	NA	-	-	
MS/MSD RPD	RPD ≤30% aq, <50% (S) J –detects in MS sample UJ-non detects	Native sample – sample 01. High MS/MSD RPD's for 2,4-dimethylphenol and benzoic acid – results for these compounds qualified UJ.	X	2,4-dimethylphenol and benzoic acid results qualified UJ.	
Tune Check	Tune check within method parameters for DFTPP	The raw data sheets were used for validation. All tunes were within limits.	X	-	
DDT degradation Instrument performance check	1) Breakdown <20% DDT 2) benzidine and pentachlorophenol at normal response - no peak trailing (<3.0 benz. , <5.0 penta.) Detections – J	Degradation checks performed with associated tune checks were all within limits.	X	-	
Field Dup RPD	1) RPD ≤ 100% water; ≤ 100% soil for Results > PQL (FD pair only) J-detects (both > PQL) 2) If one > PQL, other ND, J-detections, UJ non-detect Other conditions use judgement	No field duplicate sample analyzed with this SDG.	X	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inve n-tory	QUAL	BIAS
Initial Cal (Linearity)	Correct calibration stds %RSD < 15% use average RF for calibration %RSD> 15% use least squares COD (r2) > 0.990 or correlation coefficient r> 0.995 or alternatively mean %RSD <15% for all target analytes, with no analyte %RSD>30% or %RSD<30% each target analyte 1) CCCs %RSD: < 30% (acenaphthene, 1,4 dichlorobenzene, hexachlorobutadiene, dipheynlamin, di-n-octyl phthalate, fluoranthene, benzo(a)pyrene, 4-chloro-3-methylphenol, 2,4, dichlorophenol, 2-nitrophenol, phenol, pentachlorophenol, 2,4,6 trichlorophenol) 2) SPCCs Average RRF: SPCCs n-nitroso-di-n-propylamine, hexachlorcyclopentdiene, 2,4 dinitrophenol, 4-nitrophenol J –detects, R or UJ NDs all samples associated with Ical) 3) SPCCs Average RRF > 0.05: SPCCs n-nitroso-di-n-propylamine, hexachlorcyclopentdiene, 2,4 dinitrophenol, 4-nitrophenol. (J –detects, R NDs) 4) RRF>0.05 all target compounds RRT < 0.06 units (all stds within 30 sec) 5) *verify that instrument parameters met method and that Ical and analysis used the same parameters 6) *recalculate RRF one tgt compound associated with each IS. Recalculated values within 10% of lab values. 7) *recalculate one tgt compound associated with each IS. Recalculated values within 10% 8) *option-review preparation logs to ensure cal stds are traceable to NIST stds. 9) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package)	Instrument: Buffy Date: July 07, 2005, 1:05 (end time). RRF>0.05 all SVOC's. RSD < 15% criteria used for linearity of SVOC Ical. Acceptable linearity. No samples qualified based on ICAL.	X	-	
2nd Source ICV	%R (between ICV and Ical) analytes 80%--120% (USACE) %D ≤ 25%, (+ or -) once per 5 pt cal Qualification: J detects, R or UJ ND's	Instrument: Buffy Date: July 07, 2005 at 1:35 (inj. time). %D's within MPC limits for all SVOC's of concern.	X	-	
CCV	1) SPCCs Average RRF: SPCCs n-nitroso-di-n-propylamine, hexachlorcyclopentdiene, 2,4 dinitrophenol, 4-nitrophenol. 2) RRF all compounds > 0.05 3) CCC: (acenatphthene, 1,4 dichlorobenzene, hexachlorobutadiene, dipheynlamin, di-n-octyl phthalate, fluoranthene, benzo(a)pyrene, 4-chloro-3-methylphenol, 2,4, dichlorophenol, 2-nitrophenol, phenol, pentachlorophenol, 2,4,6 trichlorophenol) 4) %D<20%. CCCs (QAPP -except surrogates). 5) Qualification-J detects, R or UJ Nods 6) %D<25% all compounds (Tier I).	Instrument: Buffy Date: July 07, 2005. %D's outside MPC limits for 2,6-dinitrotoluene. Results for the compound - all non-detects – were qualified UJ.	X	2,6-dinitrotoluene results qualified UJ.	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inve n-tory	QUAL	BIA S
	7) RRF exclusions: surrogates, 8) *verify same instrument and parameters 9) *Recalculate RRF for one tgt cmpd associated with each IS. (within 10%) 10) *Recalculate %D for one tgt cmpd associated with each IS (within 10%) 11) *IS RRT<0.06 units (30 sec) 12) * IS area -50 % to 100 % of last ICAL 13) *option-review preparation logs to ensure cal stds are traceable to NIST stds. 14) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package)				
Compound Quantitation	1) Check sensitivity (MDL< 1/3 PQL or per QAPP)	For target SVOC's the MDL< 1/3 PQL. Analytical sensitivity was adequate. Reporting limits were below the monitoring criteria for all compounds.	X	-	
Overall Evaluation of Data	1) Appropriate method 2) Evaluate any analytical problems 3) Evaluate sampling errors – field contamination, sample hold times	The laboratory accuracy and precision were acceptable. Results usable for making project decisions as qualified. Method blank; non-detect for all SVOC's of concern. High LCS recoveries for 2,4-dinitrotoluene and 2,6-dinitrotoluene but all sample results were non-detects. Low recoveries for NDPA/DPA, 2,4-dimethlphenol and benzoic acid. Results for NDPA/DPA, 2,4-dimethlphenol and benzoic acid qualified UJ. Surrogate recoveries within MPC limits for all samples. High MS/MSD recoveries for 2,4-dinitrotoluene and 2,6-dinitrotoluene but all sample results for the compounds were non-detects. High MS/MSD RPD's for 2,4-dimethylphenol and benzoic acid – results for these compounds qualified UJ. ICAL; linear. ICV: within limits. CCV: within MPC limits except 2,6-dinitrotoluene. Sampling error – no field duplicate pair was analyzed with this SDG.	X	-	

*Tier III criteria.

Completeness Check: Inventory Check Sheet_____X__ Sample Quantitation Calculations (TIER III ONLY):

Lab Correspondence: None.

ECC Region I Data Review Worksheet (rv 2) **PAH 8270C - SIM**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual(2002)**

Data Validation Level	Matrix	Preservation	Temperature Sample Receipt	Laboratory	SDG Number
Tier II	Aqueous	-	1-cooler 3.3 °C	Alpha Laboratory Westborough, MA	L0507274

Field Identification of Samples Evaluated:

Field ID	Lab Sample Number
8-GW06D-02	L0507274-01

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED	Inven-tory	QUAL	BIAS
COC, Sample Delivery Group Form.	1)Unbroken custody (accept or if broken R) 2) Temp≤6° (Soil-J detects, R -nondetects preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound)	Cooler temperatures < 6 °C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody. No samples qualified.	X	-	
Holding Time	1) 7 Days water, 40 to analysis 2) J –detects, UJ or R –nondetects (function of time)	Sample Date: June 30, 2005. Extraction Date: July 1, 2005. Analyzed on: July 7, 2005. All samples were analyzed within holding times – no sample qualifications.	X	-	
% Solids Check (SOLIDS)	30%<Solids: if no sample weight adjustment made (no USACE) 1) <10% R entire sample 2) 10%.> and <30%; J-detects, NDs -R	Not applicable	-	-	
Results > Cal Range or <Cal Range	1) >Upper Cal Range J-detects - ensure instrument blank performed 2) <PQL but >MDL – J –detects (estimated)	Results < MRL but > MDL were qualified as estimated (J). Please see attached data summary table for all such results. No results exceeding upper calibration range.	X	Results < MRL but > MDL are qualified J.	
Equip Blank	< 5x (<10x common) contaminants for aq samples – for soil indicate EB (X rules don't apply)	Not applicable. Equipment blank not collected/analyzed with this SDG as all the equipment used were dedicated.	-	-	
Surrogates	1) Surrogate acceptance limits Nitrobenzene-d5, 2-Fluorobiphenyl & p-Terphenly-d14 within historical lab limits. Qualification: >UCL J –detects, %R<10% J –detects, R –NDs, %R >10% but <60% J-detects, UJ NDs	All surrogate recoveries within MPC limits for all samples. No samples qualified.	X	-	
Lab Blanks (method blanks)	1) < 5x (<10x common) contaminants – U analytes <lab PQL (contract lab)	Method blank was non-detect for all PAH's of concern. No samples qualified.	X	-	
LCS Recovery	1) QAPP limits 10% and <LCL% J detects, UJ -NDs >UCL% J detects <10% R NDs, J-detects	LCS %R's within MPC limits. No samples qualified	X	-	

ECC Region I Data Review Worksheet (rv 2) **PAH 8270C - SIM**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual(2002)**

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED	Inven-tory	QUAL	BIAS
MS/MSD Recovery	1) QAPP limits (if MS > 4X native levels) Qualification of MS sample: <10% J detects, R NDs >10% and <70% J detects, UJ -NDs >130% J detects	Native sample – sample 01. All MS/MSD recoveries within MPC limits. No sample qualifications.	X	-	
MS/MSD RPD	RPD ≤30% solid, 30%. J –detects in MS sample UJ-non detects	Native sample – sample 01. All MS/MSD RPD's within MPC limits for all compounds of concern. No sample qualifications.	X	-	
Cleanup Performance Check (if performed)	%R< 10% NDs-R detections J %R>10% <LCL (80%GPC) –detections J, NDs UJ %R>UCL (120%) – detections J Retention Time shift <5%, symmetrical peakshape. GPC check with interferants.	NA	-	-	
Retention times	Within 3X standard deviation for each analyte from 72-hour study Exceeds: R qualify data	Retention times within limits.	X	-	
Field Dup RPD	1) RPD ≤ 100% water & soil for Results > X PQL (FD pair only) J-detects (both > X PQL) 2) If one >X PQL, other ND, J-detections, UJ non-detect Other conditions use judgement	No field duplicate samples applicable to this SDG.	-	-	
Initial Cal (Linearity)	Correct calibration stds %RSD < 15% use average RF for calibration %RSD> 15% use least squares COD (r2) > 0.990 or correlation coefficient r> 0.995 or alternatively mean %RSD <20% for all target analytes, with no analyte %RSD>40% Resolution check mix –valley 60% hgt of shortest peak (CLP criteria only) Performance check mix - >90% (PEM) (CLP criteria only) SW-846 PEM –endrn/DDT breakdown evaluation. Blank and Performance Evaluation Mix (PEM) at start, and blank and midpoint Individual Standard Mix A (ISMA) and ISMB at end or samples(CLP only)	Date: April 29 7, 2005 at 00:13 (end time). Instrument – Mindy. %RSD < 15% or COD > 0.99. ICAL linear. No samples qualified RRF>0.05	X	-	
2nd Source ICV	%R (between ICV and Ical) analytes %D ≤ 15%, (+ or -) once per 5 pt cal Qualification: J detects, R or UJ NDs	Date: April 29, 2005 at 00:59 (inj. time). Instrument – Mindy. ICV %D's outside MPC limits for 2-chloronaphthalene, anthracene, pyrene, benzo(k)fluoranthene and benzo(a)pyrene. Results for these compounds were qualified J for detects and UJ for non-detects.	X	2-chloronaphthalene, anthracene, pyrene, benzo(k)fluoranthene and benzo(a)pyrene results were qualified J for detects and UJ for non-detects.	

ECC Region I Data Review Worksheet (rv 2) **PAH 8270C - SIM**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual(2002)**

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED	Inven-tory	QUAL	BIAS
CCV	1) 15% of initial calib. Curve (85%-115%) If low re-calibrate per method. If high no recalibration needed. J qualify data. 2) 15% D Qualification-J detects, R or UJ NDs	Date: July 7, 2005 at 00:36. Instrument – Mindy. All CCV %D's within MPC limits except acenaphthylene. Samples qualified UJ for the compound.	X	Acenaphthylene result qualified UJ.	
Tune Check	Tune check within method parameters for DFTPP	Ical tune check within limits. And CCV tune check within limits. Raw data was used to check the tunes. No samples qualified. Degradation checks associated with sample analysis and ICAL tune checks with limits.	X	-	
Internal Stds	1) IS are –50% to 200% of CCV 1) RRT<0.06 (30 sec) 2) IS>100% J-detects 3) IS<20%CCV NDs – R 4) IS>20%CCV <50%CCV NDs – UJ 5) *check for IS transcription errors	Internal standards were within MPC limits. No samples qualified.	X	-	
Sensitivity	1) MDL study – 7 replicates (40 CFR) 2) Surrogates %R 80-120%, 2) %R <10 ND- (R) , J- detects 3) 10%> but <80% , judgement 4) %R>120% J-detects 5) QC, RRT meet criteria, 6) %RSD < 20% 7) MDL< MQL (3x less ideal) 8) Lab fortified blank (see VOA/SV Part II –section X). *Check and recalculate %RSDs and %R for three compounds (with 10% of lab)	Reporting limits were less than the primary monitoring criteria for all compounds. Acceptable sensitivity for all compounds.	X	-	
Compound Quantitation	1) Check sensitivy (MDL< 1/3 PQL or per QAPP	RDL> Project Reporting Limit for all compounds except benzo(a)pyrene, pyrene, fluoranthene and phenanthrene but well below the groundwater criterion for all compounds. All MDL's < PRL.	X	-	
Overall Evaluation of Data	1) Appropriate method 2) Evaluate any analytical problems 3) Evaluate sampling errors – field contamination, sample hold times	The laboratory accuracy and precision were acceptable. No apparent sample bias. Data usable for project decisions, as qualified. All results below MRL but above MDL qualified as estimated (J). All surrogate, LCS, MS/MSD recoveries and MS/MSD RPD's within MPC limits. ICAL was linear. ICV: 2-chloronaphthalene, anthracene, pyrene, benzo(k)fluoranthene and benzo(a)pyrene results were qualified J for detects and UJ for non-detects due to high ICV %D's. CCV; within MPC limits except for acenaphthylene. Method blank; non-detect for all SVOC's of concern. Sampling error – no field duplicate pair was analyzed with this SDG. Sampling precision not evaluated in this SDG.	X	-	

(*Tier III criteria)

Completeness Check: Inventory Check Sheet_____X__ Sample Quantitation Calculations (TIER III ONLY):

Lab Correspondence: None.

ECC Region I Data Review Worksheet (rv 2)
Project: New London Goss Cove ECC Job No. 5700

Pesticide 8081A
Review Criteria: Region I Tier II Guidance & OM Manual (2002)

Data Validation Level	Matrix	Preservation	Temperature Sample Receipt	Laboratory	SDG Number
Tier II	Aqueous	-	1-cooler 3.3 °C	Alpha Laboratory Westboroug h, MA	L0507274

Field Identification of Samples Evaluated:

Field ID	Lab Sample Number
8-GW06D-02	L0507274-01

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
COC, Sample Delivery Group Form.	1)Unbroken custody (accept or if broken R) 2) Temp≤6° (Soil-J detects, R -nondetects preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound)	Cooler temperatures < 6 °C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody. No samples qualified.	X	-	
Holding Time	1) 7 to extract, 40 Days to analysis 2) J –detects, UJ or R –nondetects (function of time) 3) *check transcription errors	Sample Date: June 30, 2005. Extraction Date: July 1, 2005. Analysis Date: July 6, 2005. All samples were analyzed within holding times – no sample qualifications.	X	-	
Results > Cal Range or <Cal Range	1) >Upper Cal Range J-detects - ensure instrument blank performed 2) <PQL but >MDL – J –detects (estimated)	No detected results outside the calibration range. No samples qualified.	X	-	
Internal Stds	1) IS are –50% to 200% of CCV 1) RRT<0.06 (30 sec) 2) IS>100% J-detects 3) IS<20%CCV NDs – R 4) IS>20%CCV <50%CCV NDs – UJ 5) *check for IS transcription errors	Internal standards were within MPC limits. No samples qualified.	X	-	
Compound Quantitation	1) Check sensitivy (MDL< 1/3 PQL or per QAPP 2) %D <25% primary and secondary column identification and quantitation 3) *Recalculate one detection and quantitation limit 4) *verify concentrations have been adjusted to account for DW, DF, 5) *verify correct RRFs were used	No detected result in any of the columns. %D<25% between columns with detection criteria met. No samples qualified.	X	-	
% Solids Check (SOLIDS)	30%<Solids: if no sample weight adjustment made (no USACE) 1) <10% R entire sample 2) 10%.> and <30%; J-detects, NDs -R	Not applicable	-	-	
Lab Blanks (method blanks)	1) < 5x contaminants – U 2) analytes <lab PQL (contract lab) 3) if linear range is exceeded, verify if a instrument blank was performed 4) *verify accurate transcription of times, Ids, are reported on forms	No COC's detected in the MB. No samples qualified.	X	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
	5) *verify from the raw data if the instrument blank was performed in the same vessel 6) *verify, RRT, and surrogate %R 7) *check 10% of raw chromatograms for false +/-, check for transcription errors recalculate surrogate recovery (10% of them)				
Equip Blank	< 5x (<10x common) contaminants for aq samples – for soil indicate EB (X rules don't apply)	Not applicable. Not collected/analyzed with this SDG as all the equipment were dedicated.	-	-	
Surrogates	Surrogate acceptance limits DCB&TCX – Lab limits. Qualification: >UCL J –detects, %R<10% J –detects, R –NDs, %R >10% but <60% J-detects, UJ NDs	All surrogate recoveries for all field samples within MPC limits. No samples qualified. LCS run for toxaphene had zero surrogate recoveries. Please see LCS section below for details.	X	-	
LCS Recovery	1) arochlors 1016/1260 2) QAPP limits 10% and <LCL% J detects, UJ -NDs >UCL% J detects <10% R NDs, J-detects 4) *Recalculate the concentrations for one compound in the LCS 5) * Recalculate the %R (within 10% of lab) Note: Tier guidance as a zero blind	2 LCS runs performed, the first one for toxaphene with zero LCS recoveries, second one applicable for all other samples. The LCS run for toxaphene was ignored because it had zero surrogate recoveries, also MS/MSD recoveries within MPC limits for toxaphene – toxaphene result qualified UJ. Low LCS recovery for beta-BHC – result for the compound qualified UJ.	X	Beta-BHC and toxaphene results qualified UJ.	
MS/MSD Recovery	1) Lab limits –(30-150%); (if MS > 4X native levels) Qualification of MS sample: <10% J detects, R NDs >10% and <70% J detects, UJ -NDs >UCL - J detects 6) *Recalculate the concentration for one compound in the MS/MSD * Recalculate the %R (within 10% of lab)	Native sample ID – sample 01. MS recoveries outside MPC limits for alpha-BHC, beta-BHC, endrin ketone and hexachlorobenzene. Beta-BHC and endrin ketone has MSD recoveries outside MPC limits. Results for these compounds qualified UJ in the lone sample in this SDG.	X	Alpha-BHC, beta-BHC, endrin ketone and hexachlorobenzene results qualified UJ.	
MS/MSD RPD	RPD ≤30%, 40% for concentrated extracts J – detects in MS sample UJ-non detects, *recalculate one RPD	Native sample ID – sample 01. All RPD's <30%. No samples qualified.	X	-	
Field Dup RPD	RPD ≤ 100% water & 50% soil for 1) Results > PQL (FD pair only) J-detects (both > PQL) 2) If one > PQL, other ND, J-detections, UJ non-detect 3) Other conditions use judgement *Recalculate the concentrations for one compound and the PQL	No field duplicate samples applicable to this SDG.	-	-	
*MDL Study	6) *In accordance with 40CFR – seven replicates %RSD < 20% 7) * retention times within method requirements 4) * performed annually 5) *MDL is at least ½ of PQL or QAPP limits 6) *tgt and surrogate 80-120% R *check and recalculate %RSD and %R for one arochlor for 10% of them (criteria within 10% of lab)	NA	-	-	

ECC Region I Data Review Worksheet (rv 2) **Pesticide 8081A**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual (2002)**

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
Sensitivity	1) MDL study – 7 replicates (40 CFR) 2) Surrogates %R 80-120%, 3) %R <10 ND- (R) , J- detects 4) 10%> but <80% , judgement 5) %R>120% J-detects 6) QC, RRT meet criteria, 7) %RSD < 20% 8) MDL< MQL (3x less ideal) 9) Lab fortitied blank (see VOA/SV Part II – section X). *Check and recalculate %RSDs and %R for three compounds (with 10% of lab)	Lab RL's were below groundwater criteria for all compounds of concern except for dieldrin and heptachlor, but the MDL's were well below the criteria for the compounds. Sensitivity acceptable, as this was the best available technology.	X	-	
*System Performance	1)* evaluate PES, MS//MSD, cal STDs, MDS study, and surrogates for systemic bias – high or low and access system accuracy 3) *Matrix effects- MS/MSD, surrogated, PDS. 4) *System chromatography- evaluate RRTs, peaks shapes, system impacts on data, baseline shifts. 5) *overall system contamination-review all blanks for systemic or sporadic contamination	NA	-	-	
*TGT Compound Identification	1) *Within 0.06 (30 sec) of CCV RRT 2) * calculate %RPD 1 and 2 columns	No sample detections.	-	-	
Single Blind PE	1) Qualify associated samples in PES batch PES = ND, Detects J – ND PE analytes in samples, NDs – R 6) PES > acceptance criteria – Detects in samples J, 7) PES<acceptance criteria – Detects J, NDs –R 8) VOA/SV-XI14 other criteria 9) *% of PES sample above and below criteria *Recalculate concentrations for one tgt compound per PES (10% of lab)	NA	-	-	
Degradation Check	<20% DDT and endrin breakdown.	Breakdown within limits. No samples qualified.	X	-	
Initial Cal Multipoint (instrument evaluation)	1) correct calibration stds 2) *recalculate one tgt compound associated. Recalculated values within 10% 3) *option-review preparation logs to ensure cal stds are traceable to NIST stds. 4) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package)	Instrument Id: Pest6 Date: July 6, 2005 at 00:54 (end time). Acceptable calibration standards.	X	-	
Initial Cal (Linearity)	%RSD < 20% use average RF for calibration %RSD> 20% use least squares COD (r2) > 0.990 or correlation coefficient r> 0.995 or alternatively mean %RSD <20 for all target analytes, with no analyte %RSD>30% or %RSD<30% each target analyte	Instrument Id: Pest6 Date: July 6, 2005 at 00:54 (end time). Internal Standard Calibration; Calibration linear. %RSD criteria met for all compounds of concern in both columns. No samples qualified.	X	-	

ECC Region I Data Review Worksheet (rv 2) **Pesticide 8081A**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual (2002)**

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
2nd Source ICV	%R (between ICV and Ical) analytes 80%--120% (USACE) %D ≤ 15%, (+ or -) once per 5 pt cal Qualification: J detects, R or UJ NDs *Calculate %D ICV/ICAL	Instrument Id: Pest6 Date: July 6, 2005 at 01:51 (inj. time). All %D's within MPC limits for both columns – no samples qualified.	X	-	
CCV	1) 15% of initial calib. curve 2) Qualification-J detects, R or UJ NDs 3) *verify same instrument and parameters 4) *Recalculate RRF for one tgt cmpd (within 10%) 5) *Recalculate %D for one tgt cmpd (within 10%) 6) *option-review preparation logs to ensure cal stds are traceable to NIST stds. 7) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package)	Instrument Id: Pest6 Dates: July 6, 2005. 2 CCV runs performed on July 6. %D's within MPC limits for all the compounds in both columns during both runs – no sample qualifications.	X	-	
Overall Evaluation of Data	1) Appropriate method 2) Evaluate any analytical problems 3) Evaluate sampling errors – field contamination, sample hold times	Sample results usable for making project decisions, as qualified. Surrogate recoveries within MPC limits for all field samples. Zero LCS recovery for toxaphene but the LCS also had zero surrogate recoveries, so the LCS for toxaphene was ignored and the sample result qualified UJ. Low LCS recovery for beta-BHC. All other LCS recoveries within MPC limits. MS recoveries outside MPC limits for alpha-BHC, beta-BHC, endrin ketone and hexachlorobenzene – results for the compounds qualified UJ. Method blank was non-detect for all pesticides of concern. ICAL: within MPC limits. ICV: within MPC limits. CCV: within MPC limits. Sampling error – not analyzed – no field duplicate pair applicable to this SDG.	X	-	

(*asterisk sections Tier III only) Completeness Check: Inventory Check Sheet__X
Sample Quantitation Calculations on attached sheet (TIER III ONLY):

ECC Region I Data Review Worksheet (rv 2) **PCB 8082**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual(2002)**

Data Validation Level	Matrix	Preservation	Temperature Sample Receipt	Laboratory	SDG Number
Tier II	Aqueous	-	1-cooler 3.3 °C	Alpha Laboratory Westborough, MA	L0507274

Field Identification of Samples Evaluated:

Field ID	Lab Sample Number
8-GW06D-02	L0507274-01

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
COC, Sample Delivery Group Form.	1)Unbroken custody (accept or if broken R) 2) Temp≤6° (Soil-J detects, R -nondetects preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound)	Cooler temperatures < 6 °C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody. No samples qualified.	X	-	
Holding Time	1) 7 to extract, 40 Days to analysis 2) J –detects, UJ or R –nondetects (function of time) 3) *check transcription errors	Sample Date: June 30, 2005. Extraction Date: July 1, 2005. Analysis Date: July 7, 2005. All samples were analyzed within holding times – no sample qualifications.	X	-	
Lab Duplicate	1) RPD < 20% 1) If both values > PQL 2) Qualify samples in batch: detects J, NDs UJ	Not analyzed, as MS/MSD were analyzed to determine lab precision.	-	-	
Results > Cal Range or <Cal Range	1) >Upper Cal Range J-detects - ensure instrument blank performed 2) <PQL but >MDL – J –detects (estimated)	All results were non-detects. No detected results outside calibration range.	X	-	
Sensitivity	1) MDL study – 7 replicates (40 CFR) 2) Surrogates %R 80-120%, 1) %R <10 ND- (R) , J- detects 2) 10%> but <80% , judgement 3) %R>120% J-detects 4) QC, RRT meet criteria, 5) %RSD < 20% 6) MDL< MQL (3x less ideal) 7) Lab fortified blank (see VOA/SV Part II – section X). *Check and recalculate %RSDs and %R for three compounds (with 10% of lab)	The MRLs were greater than the Project Reporting Limits and groundwater criteria for Aroclor 1248, 1254 & 1260. For aroclor 1260, the MDL's were below the groundwater criteria but for the aroclors 1254 and 1248, MDL's exceeded the criteria. No criteria for other aroclors. No action taken other than notation.	X	-	
Compound Quantitation	1) Check sensitivy (MDL< 1/3 PQL or per QAPP 2) %D <25% primary and secondary column identification and quantitation 3) *Recalculate one detection and quantitation limit 4) *verify concentrations have been adjusted to account for DW, DF, 5) *verify correct RRFs were used	All aroclors non-detect on both columns. No samples qualified.	X	-	
% Solids Check (SOLIDS)	30%<Solids: if no sample weight adjustment made (no USACE) 1) <10% R entire sample 2) 10%.> and <30%; J-detects, NDs -R	Not applicable	X	-	

ECC Region I Data Review Worksheet (rv 2) **PCB 8082**
New London ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual**

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
Lab Blanks (method blanks)	1) < 5x contaminants – U 2) analytes <lab PQL (contract lab) 3) if linear range is exceeded, verify if a instrument blank was performed 4) *verify accurate transcription of times, Ids, are reported on forms 5) *verify from the raw data if the instrument blank was performed in the same vessel 6) *verify, RRT, and surrogate %R 7) *check 10% of raw chromatograms for false +/-, check for transcription errors recalculate surrogate recovery (10% of them)	No COC's detected in the method blank. No samples qualified.	X	-	
Equip Blank	< 5x (<10x common) contaminants for aq samples for soil indicate EB (X rules don't apply)	Not applicable. Equipment blank not analyzed/collected with this SDG as all the equipment used were dedicated.	-		
Surrogates	Surrogate acceptance limits DCB –Navy limits. 40% -135% DCB (aq) TCX 40-135% Qualification: >UCL J –detects, %R<10% J –detects, R –NDs, %R >10% but <60% J-detects, UJ NDs	Surrogate %R's were within MPC limits for all samples. No samples qualified.	X	-	
Internal Standards	Meet method criteria.	All internal standards were within limits. No samples qualified.	X	-	
LCS Recovery	8) arochlors 1016/1260 9) QAPP limits 10% and <LCL% J detects, UJ -NDs >UCL% J detects <10% R NDs, J-detects 4) *Recalculate the concentrations for one compound in the LCS 5) * Recalculate the %R (within 10% of lab) Note: Tier guidance as a zero blind	LCS %R's with MPC limits. No samples qualified.	X	-	
MS/MSD Recovery	1) Lab limits- 30-150%; (if MS > 4X native levels) Qualification of MS sample: <10% J detects, R NDs >10% and <LCL% J detects, UJ -NDs >UCL - J detects 6) *Recalculate the concentration for one compound in the MS/MSD * Recalculate the %R (within 10% of lab)	Native sample ID – sample 01. MS/MSD %R within MPC limits. No samples qualified.	X	-	
*MS/MSD/un spiked sample RSD	1)For unspiked compounds if reported, Non- MS spike compounds <50% RSD calculated from MS/MSD/Unspiked Qualification: >50% RSD J-detects 2)*recalculate the RPD (within 10% of lab)	NA	-	-	
MS/MSD RPD	RPD ≤30%, 40% for concentrated extracts J – detects in MS sample UJ-non detects *recalculate one RPD	Native sample ID – sample 01. MS/MSD RPD's within MPC limits. Laboratory precision was acceptable.	X	-	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
Field Dup RPD	1) RPD ≤ 100% water & 50% soil for 1) Results > PQL (FD pair only) J-detects (both > PQL) 2) If one > PQL, other ND, J-detections, UJ non-detect 3) Other conditions use judgement *Recalculate the concentrations for one compound and the PQL	No applicable field duplicate pair analyzed with this SDG.	-	-	
*MDL Study	1) *In accordance with 40CFR – seven replicates %RSD < 20% 2) * retention times within method requirements 4) * performed annually 5) *MDL is at least ½ of PQL or QAPP limits 6) *tgt and surrogate 80-120% R *check and recalculate %RSD and %R for one arochlor for 10% of them (criteria within 10% of lab)	NA	-	-	
*System Performance	1)* evaluate PES, MS//MSD, cal STDs, MDS study, and surrogates for systemic bias – high or low and access system accuracy 3) *Matrix effects- MS/MSD, surrogated, PDS. 4) *System chromatography- evaluate RRTs, peaks shapes, system impacts on data, baseline shifts. 5) *overall system contamination-review all blanks for systemic or sporadic contamination	NA	-	-	
*TGT Compound Identification	1) *Within 0.06 (30 sec) of CCV RRT 2) * calculate %RPD 1 and 2 columns	NA	-	-	
Single Blind PE	1) Qualify associated samples in PES batch PES = ND, Detects J – ND PE analytes in samples, NDs – R 6) PES > acceptance criteria – Detects in samples J, 7) PES<acceptance criteria – Detects J, NDs –R 8) VOA/SV-XI14 other criteria 9) *% of PES sample above and below criteria *Recalculate concentrations for one tgt compound per PES (10% of lab)	NA	-	-	
Initial Cal Multipoint (instrument evaluation)	1) correct calibration stds 2) *recalculate one tgt compound associated. Recalculated values within 10% 3) *option-review preparation logs to ensure cal stds are traceable to NIST stds. 4) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package)	Instrument Id: Pest8 Calibration Date: March 16, 2005 at 10:47 (end time). Acceptable calibration standards. No samples qualified.	X	-	

ECC Region I Data Review Worksheet (rv 2) **PCB 8082**
New London ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual**

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
Initial Cal (Linearity)	%RSD < 20% use average RF for calibration %RSD> 20% use least squares COD (r2) > 0.990 or correlation coefficient r> 0.995 or alternatively mean %RSD <20 for all target analytes, with no analyte %RSD>30% or %RSD<30% each target analyte	Instrument Id: Pest8 Calibration Date: March 16, 2005 (end date). Instrument calibrations for both columns were linear for all PCBs. All %RSD's within MPC limits. No samples qualified.	X	-	
2nd Source ICV	%R (between ICV and Ical) analytes 80%--120% (USACE) %D ≤ 15%, (+ or -) once per 5 pt cal Qualification: J detects, R or UJ NDs *Calculate %D ICV/ICAL	Instrument Id: Pest8 Calibration Date: March 16, 2005 at 11:15 (inj. time). %D<15% in both columns. ICV acceptable. No samples qualified.	X	-	
CCV	1) QAPP: 15% of initial calib. curve 2) Qualification-J detects, R or UJ NDs 3) *verify same instrument and parameters 4) *Recalculate RRF for one tgt cmpd (within 10%) 5) *Recalculate %D for one tgt cmpd (within 10%) 6) *option-review preparation logs to ensure cal stds are traceable to NIST stds. 7) *option-recalculate cal std concentration of one std. Must agree within 10% of lab (option if information is in data package)	Instrument Id: Pest8 CCV Date: October 15 & 16, 2004. All average %D's within MPC limits in both columns.	X	-	
Overall Evaluation of Data	1) Appropriate method 2) Evaluate any analytical problems 3) Evaluate sampling errors – field contamination, sample hold times	Laboratory accuracy is acceptable Laboratory precision is acceptable. All surrogate, LCS and MS/MSD recoveries within MPC limits. MS/MSD RPD's within MPC limits. The sample results can be used for making project decisions. No apparent sample bias. ICAL: Linear. ICV: within MPC limits CCV: %D's within MPC limits. Method blank non-detect for all PCB's of concern. Sampling precision – not evaluated. No applicable field duplicates analyzed with this SDG.	X	-	

(*asterisk sections Tier III only) Completeness Check: Inventory Check Sheet__X
Sample Quantitation Calculations on attached sheet (TIER III ONLY).

ECC Region I Data Review Worksheet (rv 2)
Project: New London Goss Cove ECC Job No. 5700

Metals 6010B/6020A/7470A
Review Criteria: Region I Tier II Guidance & OM Manual(2002)

Data Validation Level	Matrix	Preservation	Temperature Sample Receipt	Laboratory	SDG Number
Tier II	Aqueous	HNO3	1-cooler 3.3 °C	Alpha Laboratory Westborough , MA	L0507274

Field Identification of Samples Evaluated:

Field ID	Lab Sample Number
8-GW06D-02	L0507274-01

Note: Samples are described below in the data worksheets by reference to the last two digits of the Lab Sample Number.

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
COC, Sample Delivery Group Form.	1)Unbroken custody (accept or if broken R) 2) Temp≤6° (Soil-J detects, R -nondetects preserved per method (amber bottles, temperature, HCl (aq), MeOH/NAHSO4 (soils) (J, UJ, or R (function of HT and compound)	Cooler temperatures < 6 °C in all the coolers. Sample preservation using ice adequate. Sample custody transferred from Field Team Leader to lab sample courier in person. Unbroken Chain of Custody. No samples qualified.	X	-	
Holding Time	1) 180 days (6010), Hg 28 Days to analysis 2) J –detects, UJ or R –nondetects (function of time)	Sample Date: June 30, 2005. Extraction Date: July 5, 2005. Analyzed on: July 6, 2005. All samples were analyzed within holding times – no sample qualifications.	X	-	
Lab Duplicate	1) RPD < 20% 1) If both values > MRL 2) Qualify samples in batch: detects J, NDs UJ	Native sample – sample 0507237-09 (part of another SDG) for both total and dissolved metals. RPD's were outside MPC limits only in cases of blank contamination. No samples qualified.	X	-	
LCS Recovery	1) once per sample batch 2) 75-125% water, soil, QAPP limits. 3) <LCL% Reject 4) >UCL% detects J	LCS %R's acceptable. No samples qualified.	X	-	
Field Dup RPD	1) RPD ≤ 50% water & soil for Results > X PQL (FD pair only) J-detects (both > X PQL) 2) If one >X PQL, other ND, J-detections, UJ non-detect	No field duplicate samples collected/analyzed with this SDG.	-	-	
% Solids Check (SOLIDS)	30%<Solids: if no sample weight adjustment made 1) <10% R entire sample 2) 10%.> and <30%; J-detects, NDs -R	Not applicable	-	-	
Results > Cal Range or <Cal Range	1) >Upper Cal Range J-detects - ensure instrument blank performed 2) <MRL but >MDL – J –detects (estimated)	Results less than the method reporting limits and greater than the method detection limit, that were not qualified U due to blank contamination, were qualified J. Please see attached data summary table for all such results.	X	J qualify results < MRL and > MDL.	
Lab Blanks (method blank or p reparation blank)	1) Once per sample batch 2) Results> QL; sample results <5X ; sample result U (nd) 3) Sample results >5X blank level; no action	Total Tl was detected at 0.00148 mg/l in the prep blank, results < 0.0074 qualified U. The total Tl result in the only sample in this SDG was qualified U. No dissolved Tl detection. All other prep blank detections were below ICB/CCB detection levels.	X	Total Tl result in sample 01 was qualified U.	

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
MS Recovery	1) 75-125% GFAA/ICP if MS > 4X native levels) Qualification of MS sample: 2) <30% J detects, R NDs 3) 30%--74%, detects J, NDs UJ >125% J detects	Native sample – sample 0507237-09 (part of another SDG) for total metals and dissolved metals. All MS/MSD recoveries within MPC limits – no samples qualified.	X	-	
Sensitivity*	1) MDL study – 7 replicates (40 CFR) 2) Surrogates %R 80-120%, 1) %R <10 ND- (R) , J- detects 2) 10%> but <80% , judgement 3) %R>120% J-detects 4) %RSD < 20% 5) MDL< MQL (3x less ideal) 6) Lab fortified blank (see VOA/SV Part II – section X). *Check and recalculate %RSDs and %R for three compounds (with 10% of lab)	MDL> OM RL for Zn. Lab RL >OM RL for most metals of concern but less than lowest groundwater criterion. 100X dilution performed for Ca, Mg, Na & K (both total and dissolved) to bring the results into quantitation range. The results for the undiluted analysis for these metals were qualified ZZZ and discarded.	X	Undiluted results for Ca, Mg, Na & K were qualified ZZZ.	
Equip Blank	< 5x contaminants for aq samples – for soil indicate EB (X rules don't apply)	Equipment blank not collected/analyzed with this SDG – dedicated equipment.	-	-	
Negative blanks	If negative values are reported for an analyte with absolute value >DL and sample value is <5X the absolute value of the blank or is nondetect Qualify detects as estimated (J) Nondetects as estimated (UJ)	No negative blank detections for target metals. No samples qualified.	X	-	
Initial Calibration Blanks	1) Ical blank after Ical 2) Results > QL; sample results <5X ; sample result U (nd) 3) Sample results >5X blank level; no action	Ni – detected at 0.00233 mg/L, results < 0.01165 mg/L qualified U. Sample results for both total and dissolved Ni were qualified U. Cd, Ba and Mn were also detected in ICB but all sample detections were > 5X ICB levels or the sample results were non-detects. All other ICB detections were below the CCB/MB detection levels.	X	Total and dissolved Ni results were qualified U.	
Continuing Calibration Blanks	1) CCB every 10 samples end of run 2) Results > QL; sample results <5X ; sample result U (nd) 3) Sample results >5X blank level; no action	K – detected at 0.8586, results < 4.293 qualified U. The only sample in this SDG required 100X dilution for both total and dissolved K as the results in the undiluted runs exceeded upper quantitation range (100 mg/L). Even though the dissolved K result in the diluted sample was below 4.293X DF, it was not qualified U due to the detection in undiluted sample above upper quantitation range. Al, Be, Ca, Pb, Mo, Ag and Na had CCB detections but all sample detections were > 5X CCB levels or the sample results were non-detects. All other CCB detections were below the ICB/MB detection levels.	X	-	
Serial Dilution	1) once per digestion batch 2) Meets method limits (%D < 10%). 3) Metal results >50X MDL levels.	SD on native sample 0507237-09 (part of another SDG) was performed for total and dissolved Ba, Na, K, Mg, Mn and Ca. All %D's within MPC limits for aforementioned metals except for total and dissolved K but all the results were <5X blank levels. No sample qualifications.	X	-	

ECC Region I Data Review Worksheet (rv 2) **Metals 6010B/6020A/7470A**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual(2002)**

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
Interelement checks ICS-A, ICS-AB Instrument performance check	1) start of sequence 2) 80-120% target analytes 3) >120% ; detects J (ICS-AB) 4) 50%-79% R ICS-AB; detects J, NDs – UJ 5) <50% R – reject data 6) ICS-A response > DL and samples have <5X ICS-A response: detects J 7) Absolute value of negative ICS-A response>DL and sample detects <5X ICS-A response: detects J, NDs as UJ 8) If the ICS-A is within limits, the ICS-AB may not be analyzed (USACE Shell)	Metal ICS's %R's within MPC limits for COC elements. No samples qualified.	X	-	
Initial Cal Multipoint	1) 6010: 1 std and blank and low-level check at MQL – check std 20% 2) 3 stds and a blank- R = 0.995	ICAL performed according to method. Two point calibration and check standards. The pre-analysis check standards were within MPC limits.	X	-	
2nd Source ICV	1) following calibration 2) 90- 110% Recovery (6010/7000) 3) 75%-89% R – detects J, NDs – UJ 4) 111-125% R – detects J outside 75-125% R – reject data (R)	Within limits of MPC. No samples qualified.	X	-	
CCV	1) every 10 samples and end of run 2) 90- 110% Recovery (6010) Hg; 80-120% 3) 6010: 75%-89% R Hg, 65-79% R; – detects J, NDs – UJ. 4) 6010: 111-125%, Hg: 121-135% detects J 6010: outside 75-125%, Hg; outside 65-135%; R – reject data (R)	Hg and ICP metals had applicable CCV %D's within MPC limits. No samples qualified.	X	-	
Post Digestion Spike	1) 75- 125% R	Not performed as all MS recoveries were within MPC limits.	X	-	
*MDL Study	1) *In accordance with 40CFR – seven replicates %RSD < 20% 2) * IS and retention times within method requirements 3) * performed annually 4) *MDL is at least ½ of PQL *tgt and surrogate 80-120% R	NA	-	-	
*System Performance	1)* evaluate PES, MS//MSD, cal STDs, MDS study, and surrogates for systemic bias – high or low and access system accuracy 3) *Matrix effects- MS/MSD, surrogated, PDS. 4) *overall system contamination-review all blanks for systemic or sporadic contamination	NA	-	-	

ECC Region I Data Review Worksheet (rv 2) **Metals 6010B/6020A/7470A**
Project: New London Goss Cove ECC Job No. 5700 **Review Criteria: Region I Tier II Guidance & OM Manual(2002)**

REVIEW ITEMS	ACCEPTANCE CRITERIA	SAMPLES AFFECTED Narrative (samples listed on attached sheets)	Inven-tory	QUAL	BIAS
*Single Blind PE	1) Qualify associated samples in PES batch PES = ND, Detects J – ND PE analytes in samples, NDs – R 5) PES > acceptance criteria – Detects in samples J, 6) PES<acceptance criteria – Detects J, NDs –R 7) VOA/SV-XI14 other criteria 8) *% of PES sample above and below criteria *Recalculate concentrations for one tgt compound per PES (10% of lab)	NA	-	-	
Overall Evaluation of Data	1) Appropriate method 2) Evaluate any analytical problems 3) Evaluate sampling errors – field contamination, sample hold times	Sample results are usable for project decision making, as qualified. Laboratory accuracy and precision were acceptable. Accuracy was shown by the LCS being within MPC limits. All MS recoveries within MPC limits. Lab duplicate RPD's within MPC limits except in cases of blank contamination. The ICS-A, and ICS-AB were within MPC limits for all elements. Total and dissolved K results had high serial dilution %D's but the results were < 5X blank contamination levels. Total Tl result in sample 01 was qualified U due to prep blank contamination. Total and dissolved Ni results were qualified U due to ICB contamination. Undiluted results for Ca, Mg, Na & K were qualified ZZZ. ICAL; 2-point calibration. ICV: within MPC limits. CCV: within MPC limits. Results less than MRL but greater than MDL that were not qualified U due to blank contamination, were qualified J. Please see attached data summary tables for all such results. Sampling precision: not evaluated – no field duplicates collected with this SDG.	X	-	

*TIER III DATA VALIDATION ONLY Completeness Check: Inventory Check Sheet___X_Sample Quantitation Calculations (TIER III DATA VALIDATION ONLY):

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507274

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW06D-02	30-Jun-05	L0507274-01	4500NO3-F	NITROGEN, NITRATE	0.086	J	mg/l	n	0.1	0.006	1
8-GW06D-02	30-Jun-05	L0507274-01	9038	SULFATE	1500		mg/l	y	500	71	50
8-GW06D-02	30-Jun-05	L0507274-01	2340B	HARDNESS	635	ZZZ	mg/l	n	1.7	0.021	1
8-GW06D-02	30-Jun-05	L0507274-01	2340B	HARDNESS	4600		mg/l	y	170	2.1	100
8-GW06D-02	30-Jun-05	L0507274-01	6010B	ALUMINUM, TOTAL	0.0065	U	mg/l	n	0.1	0.0065	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	ANTIMONY, TOTAL	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	ARSENIC, TOTAL	0.007		mg/l	y	0.004	0.0026	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	BARIUM, TOTAL	0.06		mg/l	y	0.01	0.0002	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	BERYLLIUM, TOTAL	0.0001	U	mg/l	n	0.004	0.0001	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	CADMIUM, TOTAL	0.0001	U	mg/l	n	0.005	0.0001	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	CALCIUM, TOTAL	90	ZZZ	mg/l	n	0.1	0.0058	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	CALCIUM, TOTAL	280		mg/l	y	10	0.58	100
8-GW06D-02	30-Jun-05	L0507274-01	6010B	CHROMIUM, TOTAL	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	COBALT, TOTAL	0.006	J	mg/l	n	0.02	0.0007	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	COPPER, TOTAL	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	IRON, TOTAL	4.7		mg/l	y	0.05	0.0099	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	LEAD, TOTAL	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	MAGNESIUM, TOTAL	100	ZZZ	mg/l	n	0.1	0.0056	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	MAGNESIUM, TOTAL	950		mg/l	y	10	0.56	100
8-GW06D-02	30-Jun-05	L0507274-01	6010B	MANGANESE, TOTAL	3.6		mg/l	y	0.01	0.0002	1
8-GW06D-02	30-Jun-05	L0507274-01	7470A	MERCURY, TOTAL	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	MOLYBDENUM, TOTAL	0.016	J	mg/l	n	0.05	0.0009	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	NICKEL, TOTAL	0.0014	U	mg/l	n	0.025	0.0007	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	POTASSIUM, TOTAL	100	ZZZ	mg/l	n	2.5	0.056	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	POTASSIUM, TOTAL	440		mg/l	y	250	5.6	100
8-GW06D-02	30-Jun-05	L0507274-01	6010B	SELENIUM, TOTAL	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	SILVER, TOTAL	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	SODIUM, TOTAL	100	ZZZ	mg/l	n	2	0.076	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	SODIUM, TOTAL	7600		mg/l	y	200	7.6	100
8-GW06D-02	30-Jun-05	L0507274-01	6010B	THALLIUM, TOTAL	0.0017	U	mg/l	n	0.005	0.0013	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	VANADIUM, TOTAL	0.0007	U	mg/l	n	0.01	0.0007	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	ZINC, TOTAL	0.004	J	mg/l	n	0.05	0.0025	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	ALUMINUM, DISSOLVED	0.0065	U	mg/l	n	0.1	0.0065	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	ANTIMONY, DISSOLVED	0.0042	U	mg/l	n	0.05	0.0042	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	ARSENIC, DISSOLVED	0.007		mg/l	y	0.004	0.0026	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	BARIUM, DISSOLVED	0.06		mg/l	y	0.01	0.0002	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	BERYLLIUM, DISSOLVED	0.0001	U	mg/l	n	0.004	0.0001	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	CADMIUM, DISSOLVED	0.0001	U	mg/l	n	0.005	0.0001	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	CALCIUM, DISSOLVED	90	ZZZ	mg/l	n	0.1	0.0058	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	CALCIUM, DISSOLVED	270		mg/l	y	10	0.58	100
8-GW06D-02	30-Jun-05	L0507274-01	6010B	CHROMIUM, DISSOLVED	0.001	J	mg/l	n	0.01	0.0008	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	COBALT, DISSOLVED	0.006	J	mg/l	n	0.02	0.0007	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	COPPER, DISSOLVED	0.0008	U	mg/l	n	0.01	0.0008	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	IRON, DISSOLVED	3.7		mg/l	y	0.05	0.0099	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	LEAD, DISSOLVED	0.0013	U	mg/l	n	0.01	0.0013	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	MAGNESIUM, DISSOLVED	100	ZZZ	mg/l	n	0.1	0.0056	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	MAGNESIUM, DISSOLVED	900		mg/l	y	10	0.56	100
8-GW06D-02	30-Jun-05	L0507274-01	6010B	MANGANESE, DISSOLVED	3.7		mg/l	y	0.01	0.0002	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507274

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW06D-02	30-Jun-05	L0507274-01	7470A	MERCURY, DISSOLVED	0.000014	U	mg/l	n	0.0002	0.000014	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	MOLYBDENUM, DISSOLVED	0.016	J	mg/l	n	0.05	0.0009	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	NICKEL, DISSOLVED	0.0016	U	mg/l	n	0.025	0.0007	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	POTASSIUM, DISSOLVED	100	ZZZ	mg/l	n	2.5	0.056	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	POTASSIUM, DISSOLVED	420		mg/l	y	250	5.6	100
8-GW06D-02	30-Jun-05	L0507274-01	6010B	SELENIUM, DISSOLVED	0.0026	U	mg/l	n	0.005	0.0026	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	SILVER, DISSOLVED	0.0005	U	mg/l	n	0.007	0.0005	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	SODIUM, DISSOLVED	100	ZZZ	mg/l	n	2	0.076	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	SODIUM, DISSOLVED	7100		mg/l	y	200	7.6	100
8-GW06D-02	30-Jun-05	L0507274-01	6010B	THALLIUM, DISSOLVED	0.0013	U	mg/l	n	0.005	0.0013	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	VANADIUM, DISSOLVED	0.0007	U	mg/l	n	0.01	0.0007	1
8-GW06D-02	30-Jun-05	L0507274-01	6010B	ZINC, DISSOLVED	0.005	J	mg/l	n	0.05	0.0025	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	METHYLENE CHLORIDE	0.37	U	ug/l	n	5	0.37	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,1-DICHLOROETHANE	0.19	U	ug/l	n	0.75	0.19	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	CHLOROFORM	0.14	U	ug/l	n	0.75	0.14	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	CARBON TETRACHLORIDE	0.38	U	ug/l	n	0.5	0.38	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,2-DICHLOROPROPANE	0.24	U	ug/l	n	1.8	0.24	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	DIBROMOCHLOROMETHANE	0.19	U	ug/l	n	0.5	0.19	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,1,2-TRICHLOROETHANE	0.16	U	ug/l	n	0.75	0.16	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	TETRACHLOROETHENE	0.43	U	ug/l	n	0.5	0.43	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	CHLOROBENZENE	0.32	U	ug/l	n	0.5	0.32	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	TRICHLOROFLUOROMETHANE	0.29	U	ug/l	n	2.5	0.29	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,2-DICHLOROETHANE	0.14	U	ug/l	n	0.5	0.14	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,1,1-TRICHLOROETHANE	0.25	U	ug/l	n	0.5	0.25	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	BROMODICHLOROMETHANE	0.24	U	ug/l	n	0.5	0.24	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	TRANS-1,3-DICHLOROPROPENE	0.24	U	ug/l	n	0.5	0.24	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	CIS-1,3-DICHLOROPROPENE	0.13	U	ug/l	n	0.5	0.13	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,1-DICHLOROPROPENE	0.34	U	ug/l	n	2.5	0.34	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	BROMOFORM	1.1	U	ug/l	n	2	1.1	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,1,2,2-TETRACHLOROETHANE	0.29	U	ug/l	n	0.5	0.29	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	BENZENE	0.29	U	ug/l	n	0.5	0.29	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	TOLUENE	0.45	J	ug/l	n	0.75	0.31	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	ETHYLBENZENE	94		ug/l	y	0.5	0.28	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	CHLOROMETHANE	0.12	U	ug/l	n	2.5	0.12	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	BROMOMETHANE	0.36	U	ug/l	n	1	0.36	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	VINYL CHLORIDE	0.27	U	ug/l	n	1	0.27	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	CHLOROETHANE	0.36	U	ug/l	n	1	0.36	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,1-DICHLOROETHENE	0.38	U	ug/l	n	0.5	0.38	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	TRANS-1,2-DICHLOROETHENE	0.34	U	ug/l	n	0.75	0.34	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	TRICHLOROETHENE	0.64		ug/l	y	0.5	0.34	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,2-DICHLOROBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,3-DICHLOROBENZENE	0.2	U	ug/l	n	2.5	0.2	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,4-DICHLOROBENZENE	0.23	U	ug/l	n	2.5	0.23	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	METHYL TERT BUTYL ETHER	0.12	U	ug/l	n	1	0.12	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	P/M-XYLENE	0.45	J	ug/l	n	1	0.39	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	O-XYLENE	110		ug/l	y	1	0.3	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	CIS-1,2-DICHLOROETHENE	0.18	U	ug/l	n	0.5	0.18	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	DIBROMOMETHANE	0.19	U	ug/l	n	5	0.19	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507274

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,2,3-TRICHLOROPROPANE	0.23	U	ug/l	n	5	0.23	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	STYRENE	0.44	U	ug/l	n	1	0.44	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	DICHLORODIFLUOROMETHANE	0.3	U	ug/l	n	5	0.3	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	ACETONE	1.5	UJ	ug/l	n	5	1.5	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	CARBON DISULFIDE	0.27	U	ug/l	n	5	0.27	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	2-BUTANONE	1.7	UJ	ug/l	n	5	1.7	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	4-METHYL-2-PENTANONE	0.4	U	ug/l	n	5	0.4	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	2-HEXANONE	1.8	UJ	ug/l	n	5	1.8	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	BROMOCHLOROMETHANE	0.19	U	ug/l	n	2.5	0.19	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	2,2-DICHLOROPROPANE	0.63	U	ug/l	n	2.5	0.63	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,2-DIBROMOETHANE	0.23	U	ug/l	n	2	0.23	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,3-DICHLOROPROPANE	0.17	U	ug/l	n	2.5	0.17	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,1,1,2-TETRACHLOROETHANE	0.31	U	ug/l	n	0.5	0.31	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	BROMOBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	N-BUTYLBENZENE	0.41	U	ug/l	n	0.5	0.41	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	SEC-BUTYLBENZENE	0.4	U	ug/l	n	0.5	0.4	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	TERT-BUTYLBENZENE	0.29	U	ug/l	n	2.5	0.29	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	O-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	P-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,2-DIBROMO-3-CHLOROPROPANE	1.6	U	ug/l	n	2.5	1.6	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	HEXACHLOROBUTADIENE	0.43	U	ug/l	n	1	0.43	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	ISOPROPYLBENZENE	0.98		ug/l	y	0.5	0.26	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	P-ISOPROPYLTOLUENE	0.33	U	ug/l	n	0.5	0.33	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	NAPHTHALENE	0.41	U	ug/l	n	2.5	0.41	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	N-PROPYLBENZENE	0.32	U	ug/l	n	0.5	0.32	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,2,3-TRICHLOROBENZENE	0.38	U	ug/l	n	2.5	0.38	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,2,4-TRICHLOROBENZENE	0.28	U	ug/l	n	2.5	0.28	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,3,5-TRIMETHYLBENZENE	0.27	U	ug/l	n	2.5	0.27	1
8-GW06D-02	30-Jun-05	L0507274-01	8260B	1,2,4-TRIMETHYLBENZENE	0.25	U	ug/l	n	2.5	0.25	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	1,2,4-TRICHLOROBENZENE	1.2	U	ug/l	n	4.8	1.2	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	HEXACHLOROBENZENE	1.5	U	ug/l	n	4.8	1.5	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	BIS(2-CHLOROETHYL)ETHER	1.3	U	ug/l	n	4.8	1.3	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	1,2-DICHLOROBENZENE	1	U	ug/l	n	4.8	1	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	1,3-DICHLOROBENZENE	1	U	ug/l	n	4.8	1	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	1,4-DICHLOROBENZENE	0.92	U	ug/l	n	4.8	0.92	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	3,3'-DICHLOROBENZIDINE	2.4	U	ug/l	n	48	2.4	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	2,4-DINITROTOLUENE	0.46	U	ug/l	n	5.8	0.46	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	2,6-DINITROTOLUENE	0.92	UJ	ug/l	n	4.8	0.92	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	4-CHLOROPHENYL PHENYL ETHER	0.92	U	ug/l	n	4.8	0.92	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	4-BROMOPHENYL PHENYL ETHER	0.95	U	ug/l	n	4.8	0.95	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	BIS(2-CHLOROISOPROPYL)ETHER	2.1	U	ug/l	n	4.8	2.1	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	BIS(2-CHLOROETHOXY)METHANE	1.5	U	ug/l	n	4.8	1.5	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	HEXACHLOROBUTADIENE	2	U	ug/l	n	9.6	2	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	HEXACHLOROETHANE	0.93	U	ug/l	n	4.8	0.93	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	ISOPHORONE	1.5	U	ug/l	n	4.8	1.5	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	NITROBENZENE	1.5	U	ug/l	n	4.8	1.5	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	NITROSODIPHENYLAMINE(NDPA)/DPA	4	UJ	ug/l	n	14	4	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	N-NITROSODI-N-PROPYLAMINE	1.6	U	ug/l	n	4.8	1.6	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507274

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW06D-02	30-Jun-05	L0507274-01	8270C	BIS(2-ETHYLHEXYL)PHTHALATE	1.6	U	ug/l	n	9.6	1.6	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	BUTYL BENZYL PHTHALATE	0.64	U	ug/l	n	4.8	0.64	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	DI-N-BUTYLPHTHALATE	0.48	U	ug/l	n	4.8	0.48	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	DI-N-OCTYLPHTHALATE	0.52	U	ug/l	n	4.8	0.52	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	DIETHYL PHTHALATE	1.5	U	ug/l	n	4.8	1.5	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	DIMETHYL PHTHALATE	1.5	U	ug/l	n	4.8	1.5	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	4-CHLOROANILINE	1.4	U	ug/l	n	4.8	1.4	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	2-NITROANILINE	1.1	U	ug/l	n	4.8	1.1	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	3-NITROANILINE	1.1	U	ug/l	n	4.8	1.1	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	4-NITROANILINE	1.2	U	ug/l	n	6.7	1.2	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	DIBENZOFURAN	0.88	U	ug/l	n	4.8	0.88	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	2,4,6-TRICHLOROPHENOL	1.2	U	ug/l	n	4.8	1.2	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	P-CHLORO-M-CRESOL	1.4	U	ug/l	n	4.8	1.4	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	2-CHLOROPHENOL	1.7	U	ug/l	n	5.8	1.7	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	2,4-DICHLOROPHENOL	2	U	ug/l	n	9.6	2	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	2,4-DIMETHYLPHENOL	2.9	UJ	ug/l	n	9.6	2.9	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	2-NITROPHENOL	2.2	U	ug/l	n	19	2.2	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	4-NITROPHENOL	1.6	U	ug/l	n	9.6	1.6	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	2,4-DINITROPHENOL	1	U	ug/l	n	19	1	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	4,6-DINITRO-O-CRESOL	1.4	U	ug/l	n	19	1.4	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	PENTACHLOROPHENOL	1.5	U	ug/l	n	19	1.5	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	PHENOL	1.1	U	ug/l	n	6.7	1.1	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	2-METHYLPHENOL	1.4	U	ug/l	n	5.8	1.4	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	3-METHYLPHENOL/4-METHYLPHENOL	1.5	U	ug/l	n	5.8	1.5	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	2,4,5-TRICHLOROPHENOL	0.92	U	ug/l	n	4.8	0.92	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	BENZOIC ACID	0.95	UJ	ug/l	n	48	0.95	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C	CARBAZOLE	1.5	U	ug/l	n	4.8	1.5	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	ACENAPHTHENE	0.034	U	ug/l	n	0.19	0.034	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	2-CHLORONAPHTHALENE	0.04	UJ	ug/l	n	0.19	0.04	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	FLUORANTHENE	0.15	J	ug/l	n	0.19	0.038	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	NAPHTHALENE	0.03	U	ug/l	n	0.19	0.03	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	BENZO(A)ANTHRACENE	0.036	U	ug/l	n	0.19	0.036	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	BENZO(A)PYRENE	0.038	U	ug/l	n	0.19	0.038	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	BENZO(B)FLUORANTHENE	0.048	UJ	ug/l	n	0.19	0.048	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	BENZO(K)FLUORANTHENE	0.034	UJ	ug/l	n	0.19	0.034	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	CHRYSENE	0.023	U	ug/l	n	0.19	0.023	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	ACENAPHTHYLENE	0.029	UJ	ug/l	n	0.19	0.029	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	ANTHRACENE	0.047	UJ	ug/l	n	0.19	0.047	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	BENZO(GHI)PERYLENE	0.024	U	ug/l	n	0.24	0.024	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	FLUORENE	0.023	U	ug/l	n	0.19	0.023	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	PHENANTHRENE	0.068	J	ug/l	n	0.19	0.03	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	DIBENZO(A,H)ANTHRACENE	0.016	U	ug/l	n	0.19	0.016	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	INDENO(1,2,3-CD)PYRENE	0.025	U	ug/l	n	0.19	0.025	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	PYRENE	0.083	J	ug/l	n	0.19	0.044	1
8-GW06D-02	30-Jun-05	L0507274-01	8270C-SIM	2-METHYLNAPHTHALENE	0.034	U	ug/l	n	0.19	0.034	1
8-GW06D-02	30-Jun-05	L0507274-01	8082	AROCLOR 1221	0.07	U	ug/l	n	0.5	0.07	1
8-GW06D-02	30-Jun-05	L0507274-01	8082	AROCLOR 1232	0.15	U	ug/l	n	0.5	0.15	1
8-GW06D-02	30-Jun-05	L0507274-01	8082	AROCLOR 1242/1016	0.05	U	ug/l	n	0.5	0.05	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507274

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-GW06D-02	30-Jun-05	L0507274-01	8082	AROCLOR 1248	0.12	U	ug/l	n	0.5	0.12	1
8-GW06D-02	30-Jun-05	L0507274-01	8082	AROCLOR 1254	0.06	U	ug/l	n	0.5	0.06	1
8-GW06D-02	30-Jun-05	L0507274-01	8082	AROCLOR 1260	0.02	U	ug/l	n	0.5	0.02	1
8-GW06D-02	30-Jun-05	L0507274-01	8082	AROCLOR 1268	0.05	U	ug/l	n	0.5	0.05	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	DELTA-BHC	0.00206	U	ug/l	n	0.0206	0.00206	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	LINDANE	0.00309	U	ug/l	n	0.0206	0.00309	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	ALPHA-BHC	0.00309	UJ	ug/l	n	0.0206	0.00309	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	BETA-BHC	0.00515	UJ	ug/l	n	0.0206	0.00515	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	HEPTACHLOR	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	ALDRIN	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	HEPTACHLOR EPOXIDE	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	ENDRIN	0.0103	U	ug/l	n	0.0412	0.0103	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	ENDRIN ALDEHYDE	0.00928	U	ug/l	n	0.0412	0.00928	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	ENDRIN KETONE	0.00722	UJ	ug/l	n	0.0412	0.00722	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	DIELDRIN	0.00825	U	ug/l	n	0.0412	0.00825	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	4,4'-DDE	0.00722	U	ug/l	n	0.0412	0.00722	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	4,4'-DDD	0.0144	U	ug/l	n	0.0412	0.0144	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	4,4'-DDT	0.00722	U	ug/l	n	0.0412	0.00722	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	ENDOSULFAN I	0.00515	U	ug/l	n	0.0206	0.00515	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	ENDOSULFAN II	0.0144	U	ug/l	n	0.0412	0.0144	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	ENDOSULFAN SULFATE	0.00928	U	ug/l	n	0.0412	0.00928	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	METHOXYCHLOR	0.0412	U	ug/l	n	0.206	0.0412	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	TOXAPHENE	0.0773	UJ	ug/l	n	0.515	0.0773	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	HEXACHLOROBENZENE	0.00206	UJ	ug/l	n	0.206	0.00206	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	CIS-CHLORDANE	0.00412	U	ug/l	n	0.0206	0.00412	1
8-GW06D-02	30-Jun-05	L0507274-01	8081A	TRANS-CHLORDANE	0.00412	U	ug/l	n	0.0206	0.00412	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	METHYLENE CHLORIDE	0.37	U	ug/l	n	5	0.37	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,1-DICHLOROETHANE	0.19	U	ug/l	n	0.75	0.19	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	CHLOROFORM	0.49	U	ug/l	n	0.75	0.14	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	CARBON TETRACHLORIDE	0.38	U	ug/l	n	0.5	0.38	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,2-DICHLOROPROPANE	0.24	U	ug/l	n	1.8	0.24	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	DIBROMOCHLOROMETHANE	0.19	U	ug/l	n	0.5	0.19	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,1,2-TRICHLOROETHANE	0.16	U	ug/l	n	0.75	0.16	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	TETRACHLOROETHENE	0.43	U	ug/l	n	0.5	0.43	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	CHLOROBENZENE	0.32	U	ug/l	n	0.5	0.32	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	TRICHLOROFLUOROMETHANE	0.29	U	ug/l	n	2.5	0.29	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,2-DICHLOROETHANE	0.14	U	ug/l	n	0.5	0.14	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,1,1-TRICHLOROETHANE	0.25	U	ug/l	n	0.5	0.25	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	BROMODICHLOROMETHANE	0.24	J	ug/l	n	0.5	0.24	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	TRANS-1,3-DICHLOROPROPENE	0.24	U	ug/l	n	0.5	0.24	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	CIS-1,3-DICHLOROPROPENE	0.13	U	ug/l	n	0.5	0.13	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,1-DICHLOROPROPENE	0.34	U	ug/l	n	2.5	0.34	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	BROMOFORM	1.1	U	ug/l	n	2	1.1	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,1,2,2-TETRACHLOROETHANE	0.29	U	ug/l	n	0.5	0.29	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	BENZENE	0.29	U	ug/l	n	0.5	0.29	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	TOLUENE	0.31	U	ug/l	n	0.75	0.31	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	ETHYLBENZENE	0.28	U	ug/l	n	0.5	0.28	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	CHLOROMETHANE	0.12	U	ug/l	n	2.5	0.12	1

Data Summary Table - Round 14 - June 2005, Goss Cove - SDG 0507274

Sample name	Sample Date	Lab Sample Name	Analytical Method	Analyte Name	Result Value	Data Qualifier	Units	Detect Flag	Reporting Limit	Method Detection Limit	Dilution Factor
8-TB02-02	1-Jun-05	L0507274-02	8260B	BROMOMETHANE	0.36	U	ug/l	n	1	0.36	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	VINYL CHLORIDE	0.27	U	ug/l	n	1	0.27	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	CHLOROETHANE	0.36	U	ug/l	n	1	0.36	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,1-DICHLOROETHENE	0.38	U	ug/l	n	0.5	0.38	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	TRANS-1,2-DICHLOROETHENE	0.34	U	ug/l	n	0.75	0.34	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	TRICHLOROETHENE	0.34	U	ug/l	n	0.5	0.34	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,2-DICHLOROBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,3-DICHLOROBENZENE	0.2	U	ug/l	n	2.5	0.2	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,4-DICHLOROBENZENE	0.23	U	ug/l	n	2.5	0.23	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	METHYL TERT BUTYL ETHER	0.12	U	ug/l	n	1	0.12	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	P/M-XYLENE	0.39	U	ug/l	n	1	0.39	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	O-XYLENE	0.3	U	ug/l	n	1	0.3	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	CIS-1,2-DICHLOROETHENE	0.18	U	ug/l	n	0.5	0.18	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	DIBROMOMETHANE	0.19	U	ug/l	n	5	0.19	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,2,3-TRICHLOROPROPANE	0.23	U	ug/l	n	5	0.23	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	STYRENE	0.44	U	ug/l	n	1	0.44	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	DICHLORODIFLUOROMETHANE	0.3	U	ug/l	n	5	0.3	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	ACETONE	1.5	UJ	ug/l	n	5	1.5	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	CARBON DISULFIDE	0.27	U	ug/l	n	5	0.27	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	2-BUTANONE	1.7	UJ	ug/l	n	5	1.7	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	4-METHYL-2-PENTANONE	0.4	U	ug/l	n	5	0.4	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	2-HEXANONE	1.8	UJ	ug/l	n	5	1.8	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	BROMOCHLOROMETHANE	0.19	U	ug/l	n	2.5	0.19	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	2,2-DICHLOROPROPANE	0.63	U	ug/l	n	2.5	0.63	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,2-DIBROMOETHANE	0.23	U	ug/l	n	2	0.23	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,3-DICHLOROPROPANE	0.17	U	ug/l	n	2.5	0.17	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,1,1,2-TETRACHLOROETHANE	0.31	U	ug/l	n	0.5	0.31	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	BROMOBENZENE	0.15	U	ug/l	n	2.5	0.15	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	N-BUTYLBENZENE	0.41	U	ug/l	n	0.5	0.41	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	SEC-BUTYLBENZENE	0.4	U	ug/l	n	0.5	0.4	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	TERT-BUTYLBENZENE	0.29	U	ug/l	n	2.5	0.29	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	O-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	P-CHLOROTOLUENE	0.24	U	ug/l	n	2.5	0.24	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,2-DIBROMO-3-CHLOROPROPANE	1.6	U	ug/l	n	2.5	1.6	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	HEXACHLOROBUTADIENE	0.43	U	ug/l	n	1	0.43	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	ISOPROPYLBENZENE	0.26	U	ug/l	n	0.5	0.26	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	P-ISOPROPYLTOLUENE	0.33	U	ug/l	n	0.5	0.33	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	NAPHTHALENE	0.41	U	ug/l	n	2.5	0.41	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	N-PROPYLBENZENE	0.32	U	ug/l	n	0.5	0.32	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,2,3-TRICHLOROBENZENE	0.38	U	ug/l	n	2.5	0.38	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,2,4-TRICHLOROBENZENE	0.28	U	ug/l	n	2.5	0.28	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,3,5-TRIMETHYLBENZENE	0.27	U	ug/l	n	2.5	0.27	1
8-TB02-02	1-Jun-05	L0507274-02	8260B	1,2,4-TRIMETHYLBENZENE	0.25	U	ug/l	n	2.5	0.25	1

CHAIN OF CUSTODY

PAGE OF

ALPHA

Eight Walk Up Drive Westborough, MA 01581
TEL: 508-898-9220 FAX: 508-898-9193

Date Rec'd in Lab: 6/30/05

ALPHA Job #: L0507274

Client Information

Client: Environmental Chemical Corporation
Address: 50 D'ANGELO DRIVE
MARLBOROUGH, MA 01752
Phone: 508-229-2270
Fax:
Email:

☒ These samples have been Previously analyzed by Alpha

Project Information

Project Name: GOSS COVE
Project Location NEW LONDON, CT
Project #:
Project Manager:
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ Rush (ONLY IF PRE-APPROVED)

Due Date: 7/8/05 Time:

Report Information Data Deliverables

☐ FAX ☐ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

MCP PRESUMPTIVE CERTAINTY-THESE QUESTIONS MUST BE ANSWERED

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Are Drinking Water Samples Submitted?
☐ Yes ☐ No Have you met minimum field QC requirements?

Other Project Specific Requirements/Comments/Detection Limits:
Dissolved Metals are Field Filtered.

ANALYSIS

SAMPLE HANDLING
Filtration
☐ Done
☐ Not Needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	SVOC-8270C	PAH-8270C SIM	TOTAL METALS	DISSOLVED METALS	HARDNESS	VOC	SULFATE, NITRATE	PCB, PEST					Sample Specific Comments
7274.1	8-GW06D-02	6/30/05	1134	GW		X	X	X	X	X	X	X	X					FF
.2	8-TB02-02	6/30/05	0800	W							X							
Container Type						-	-	-	-	-	-	-	-	-	-	-	-	
Preservative						-	-	-	-	-	-	-	-	-	-	-	-	

QUESTIONS ABOVE MUST BE ANSWERED FOR PRESUMPTIVE CERTAINTY

IS YOUR PROJECT **MCP?**

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible signature]	6/30/05	[illegible signature]	6/30/05 1615
[illegible signature]	6/30/05 1720	Kim Bailey	6/30/05 1722

Please print clearly, legi and completely. Sample not be logged in and turnaround time clock w start until any ambiguitie resolved. All samples submitted are subject to Alpha's Payment Terms

FORM NO. 01-01 (rev. 2)

APPENDIX F

Derived Waste: Waste Manifest and Disposal Custody Form

t0

UNITED
INDUSTRIAL
SERVICES
DIVISION OF UNITED OIL RECOVERY, INC.

136 GRACEY AVENUE MERIDEN, CT 06451-2270
TEL. (203) 238-6745
FAX (203) 630-2503

CHAIN OF CUSTODY

Incoming Load

Date 07/26/05 Transporter UNITED INDUSTRIAL SEF

Time In _____ Time Out _____

Sample Number C04D Sample Collector _____

Work Order 00500028 Receiving Tanks _____

|_| Total Halogens _____ |X| PCB'S ND<2 |_| Total Solvents _____

|X| Flash Point >200 F |X| BTU SPG0.98 |_| pH _____ |_| TVO _____

Methylene Chloride _____ Carbon Tetrachloride _____

Freon _____ 1,1,1-Trichloroethane _____

Trichloroethylene _____ Tetrachloroethylene _____

Oil _____ Water 100 % Sediment _____ _____

Lead _____ Copper _____ Nickel _____ Zinc _____

Transporter Invoice

W/O No.	Mail Site ID	Appr ID	Manifest	Quantity	UOM	Price	Ext Amt
00500028	USN003	0767FLMN1	UISA0097803	55.00			
	001USN	US NAVAL SUBMARINE BASE CRYSTAL LAKE ROAD/ RTE 12					
	State Waste IDs: CR04 Truck: S26 Driver: BARN						

Manifest Total 55.00 GALS

CUSTOMER AGREES TO PAY SERVICE CHARGES OF 1½% PER MONTH OR THE HIGHEST RATE ALLOWED BY LAW, (WHICHEVER IS LESSER), FROM THE DUE DATE OF EACH INVOICE TO DATE OF PAYMENT. IN THE EVENT CUSTOMER'S ACCOUNT IS PLACED FOR COLLECTION, CUSTOMER AGREES TO PAY ALL COSTS OF COLLECTION, INCLUDING REASONABLE ATTORNEY'S FEES.

THIS IS NOT A FINAL BILL. SUBJECT TO CHANGE.

NONHAZARDOUS WASTE MANIFEST

Please type (or print)

1. Generator's US EPA ID No. CT4170022020 — Manifest Document No. 9178 5

2. Page 1 of 1

3. Generator's Name and Mailing Address
US NAVY SUB BASE NEW LONDON
P.O. BOX 39 /ENVIRONMENTAL GROTON, CT 06349

4. Generator's Phone (860) 594-4298 ATTN: TONY LEITE

A. Nonhazardous Waste Manifest Document Number
UIS A 0097803

B. G.S.I. (Gen. Site Address)
US NAVAL SUBMARINE BASE
CRYSTAL LAKE ROAD/ RTE 12
GROTON, CT 06349

5. Transporter 1 Company Name
UNITED INDUSTRIAL SERVICES

6. US EPA ID Number
CT0022158 9

7. Transporter 2 Company Name

8. US EPA ID Number

C. S.T.I. (Trans. Lic. Plate #) 29204

D. Tran. Phone ( )

9. Designated Facility Name and Site Address
UNITED OIL RECOVERY, INC.
167 MILL STREET
CRANSTON, RI 02905

10. US EPA ID Number
RID084802842

E. S.T.I. (Trans. Lic. Plate #)

F. Tran. Phone ( )

G. State Facility's ID (Not Required)

H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. STATE REGULATED WASTE NONE, NONE	XX1	2	XX.X.55	G	EPA / STATE NONE CR04/
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials Listed Above
a. PURGE WATER NLON 2ND AIR
b.
c.
d.

K. Handling Codes for Wastes Listed Above

	Interim	Final		Interim	Final
a.	51		c.		
b.			d.		

15. Special Handling Instructions and Additional Information
0767FLMN1 EMERGENCY RESPONSE GUIDE # N/A EMERGENCY PHONE # (203)238-6745

Point of Departure:

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

Printed/Typed Name: Carmen E. Edmondston — Signature — Month Day Year: 07 26 05

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CHRIS BARNETT — Signature — Month Day Year: 07 26 05

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: TONY BOIANO — Signature — Month Day Year: 07 26 05

GENERATOR — TRANSPORTER — FACILITY

COPY 2 FACILITY MAILS TO GENERATOR

APPENDIX G

EPA Comments

January 17, 2006

Mark Evans, Remedial Project Manager
U.S. Department of the Navy
Naval Facilities Engineering Command
Northern Division
10 Industrial Highway
Code 1823, Mail Stop 82
Lester, PA 19113-2090

Re: Round 14 Groundwater Monitoring Report for the Goss Cove Landfill & Round 16 Groundwater Monitoring Report for Area A Landfill

Dear Mr. Evans:

EPA reviewed the *Groundwater Monitoring Reports Draft (Final) Round 14 - Goss Cove Landfill, Round 16 - Area A Landfill*, dated November 2005 with particular attention to completeness, data quality, and consistency with historical results. The report tabulates analytical results from Round 14 of long-term monitoring for Goss Cove Landfill performed in June and July 2005 and Round 16 of long-term monitoring for Area A Landfill performed in May and June 2005. The document provides comparisons to the established monitoring criteria.

Goss Cove Landfill

The Goss Cove Landfill sampling and analysis documented in the Groundwater Monitoring Report follows the protocols specified in the Operation and Maintenance (O&M) Manual (v. II, Groundwater Monitoring Plan) [1]. Comparisons are made to primary and secondary monitoring criteria presented in the 2003 version of the O&M Manual. The report specifies on page 3-2 that results will be compared to updated criteria in the Year 4 Annual Groundwater Monitoring Report.

Results from Round 14 are generally consistent with recent past results. In particular, the only exceedances of primary monitoring criteria (PMC) were observed for PCE, at 8MW8D and 8MW10S, and for arsenic, at 8MW2D and 8MW6D. These results are generally consistent with those found in the previous round (Round 13, March 2005).

Area A Landfill

The field and analytical activities summarized in the Area A Landfill Groundwater Monitoring Report generally follow the Groundwater Monitoring Plan [1]. The sampling in Round 16 followed the original scheme, and does not reflect adjustments discussed with regulators in 2003 (*e.g.*, reduction in the number of dredged-spoil wells off the toe of the landfill, addition of deep alluvium well 2LOW1D).

The results from Round 16 are generally consistent with recent past results. The results will need to be compared to updated criteria in the Year 6 Annual Groundwater Monitoring Report.

I look forward to working with you and the Connecticut Department of Environmental Protection to protect the environs of the Naval Submarine Base. Please do not hesitate to contact me at (617) 918-1385 should you have any questions.

Sincerely,

Kymberlee Keckler, Remedial Project Manager
Federal Facilities Superfund Section

cc: Mark Lewis, CTDEP, Hartford, CT
Dick Conant, NSBNL, Groton, CT
Jennifer Stump, Gannett Fleming, Harrisburg, PA

REFERENCES

1. Tetra Tech NUS, Inc., March 2003, *Draft Operation and Maintenance Manual for Installation Restoration Program Sites at Naval Submarine Base - New London, Groton, Connecticut, Volume II - Groundwater Monitoring Plan.*

2. ECC, May 2005, *Year 3 Groundwater Monitoring Report for Goss Cove Landfill, Naval Submarine Base - New London, Groton, Connecticut.*

3. Tetra Tech NUS, Inc., "Groundwater Monitoring Plan for Area A Landfill, Naval Submarine Base, New London, Groton, Connecticut," January 1999.