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NCBC GULFPORT
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# SAMPLING AND ANALYSIS REPORT FOR SITES 1 AND 5 NCBC GULFPORT MS

1/1/1999

MORRISON KNUDSEN

Sampling and Analysis Report
Sites 1 & 5

CBC Gulfport
Gulfport, Mississippi

Unit Identification Code: N62604
Contract No. N62467-93-D-1106

January 1999

Revision 0

**Southern Division**
**Naval Facilities Engineering Command**
**North Charleston, South Carolina**
**29419-9010**

# SAMPLING AND ANALYSIS REPORT
# SITES 1 & 5

## CBC GULFPORT
## GULFPORT, MISSISSIPPI

**Revision 0**

**January 1999**

**CONTRACT N62467-93-D-1106**
**DELIVERY ORDER #0002**
**STATEMENT OF WORK #09**

***Prepared for***

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Date

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12 Jan 99
Date

# EXECUTIVE SUMMARY

This sampling and analysis report summarizes the results of a field verification action undertaken at Site 1 - Training Area, and Site 5 - Heavy Equipment Training Area of Construction Battalion Center (CBC), Gulfport, Mississippi. The main purpose of field verification action was to determine if dioxin is present in subsurface soils.

Soil boring and sampling was performed at Sites 1 and 5 from 04 December 1996 to 16 December 1996. Soil sampling was performed using a Geoprobe™ sampling system mounted on a four wheel drive all terrain vehicle. Soil samples were analyzed for volatile organics, semi-volatile organics, pesticides, herbicides, metals, dioxins and furans. Analytical results indicate that the only target analyte present above the established screening levels is arsenic. The main contaminant of concern at the sites, 2,3,7,8 - Tetrachlorodibenzo-p-dioxin (TCDD), was not detected in the samples collected. Therefore, it is recommended that the work proceed at Sites 1 and 5 with test trenching, which is the next project activity in the *Work Plan* [MK 1996].

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## ACRONYMS AND ABBREVIATIONS

| | |
|---|---|
| bgs | below ground surface |
| CBC | Construction Battalion Center |
| CDAP | Chemical Data Acquisition Plan |
| COC | chain-of-custody |
| DDT | dichlorodiphenyltrichloroethane |
| HDPE | high-density polyethylene |
| IDW | investigation derived waste |
| MDEQ | Mississippi Department of Environmental Quality |
| MK | Morrison Knudsen Corporation |
| MS | sample matrix spike |
| MSD | sample matrix spike duplicate |
| NCF | Naval Construction Force |
| NTR | Naval Technical Representative |
| PPE | personnel protective equipment |
| ROICC | Resident Officer-in-Charge of Construction |
| RPD | relative percent difference |
| SDBE | Small Disadvantaged Business Enterprise |
| SOUTHNAVFACENGCOM | Southern Division Naval Facilities Engineering Command |
| TCDD | Tetrachlorodibenzo-p-dioxin |

# 1.0
# INTRODUCTION

## 1.1 BACKGROUND AND OBJECTIVES

This sampling and analysis report summarizes the results of a field verification action undertaken at Site 1 - Training Area, and Site 5 - Heavy Equipment Training Area of Construction Battalion Center (CBC), Gulfport, Mississippi. The sampling and analysis report was prepared by Morrison Knudsen Corporation (MK) for Southern Division Naval Facilities Engineering Command (SOUTHNAVFACENGCOM), pursuant to the scope of work defined in Delivery Order #0002, Statement of Work #09, under Contract #N62467-93-D-1106.

The purpose of field verification action was to determine whether hazardous constituents and, in particular, dioxins and dibenzofurans were present in subsurface soils at Sites 1 and 5. The scope of work included soil boring, sampling and laboratory analysis.

Mobilization of personnel and equipment began on 02 December 1996. Field work was performed from 04 December 1996 to 16 December 1996.

MK provided project management, construction management, as well as environmental, health and safety and quality control oversight. MK's primary subcontractor was Bhate Environmental Associates Inc., a Small Disadvantaged Business Enterprise (SDBE), which provided drilling services. Southwest Laboratory of Oklahoma, Inc. provided analytical laboratory services under contract to MK. ABB Environmental Services provided on-site technical consultation during soil boring and sampling.

The Naval Technical Representative (NTR) and the Resident Officer-in-Charge of Construction (ROICC) provided oversight during field activities and acted as liaison between MK and base officials. The ROICC was provided with the Daily Contractor Production Report and Quality Control Report.

## 1.2 PLANNING DOCUMENTS

The following documents were used to plan the field verification action.

*Work Plan,* Revision 0, [MK 1996], including:

- Appendix A, *Site Safety and Health Plan*
- Appendix B, *Quality Control Plan*
- Appendix C, *Chemical Data Acquisition Plan*
- Appendix D, *Waste Management Plan*
- Appendix E, *Environmental Protection Plan*
- Appendix F, *Technical Specifications*

The *Work Plan* describes the definable features of work to be performed for the verification action. The current work included soil boring, soil sampling and laboratory analysis only. The results from the current work will determine if the remaining definable features of work, such as test trenching and drum removal, will be performed.

# 2.0
# SITE BACKGROUND

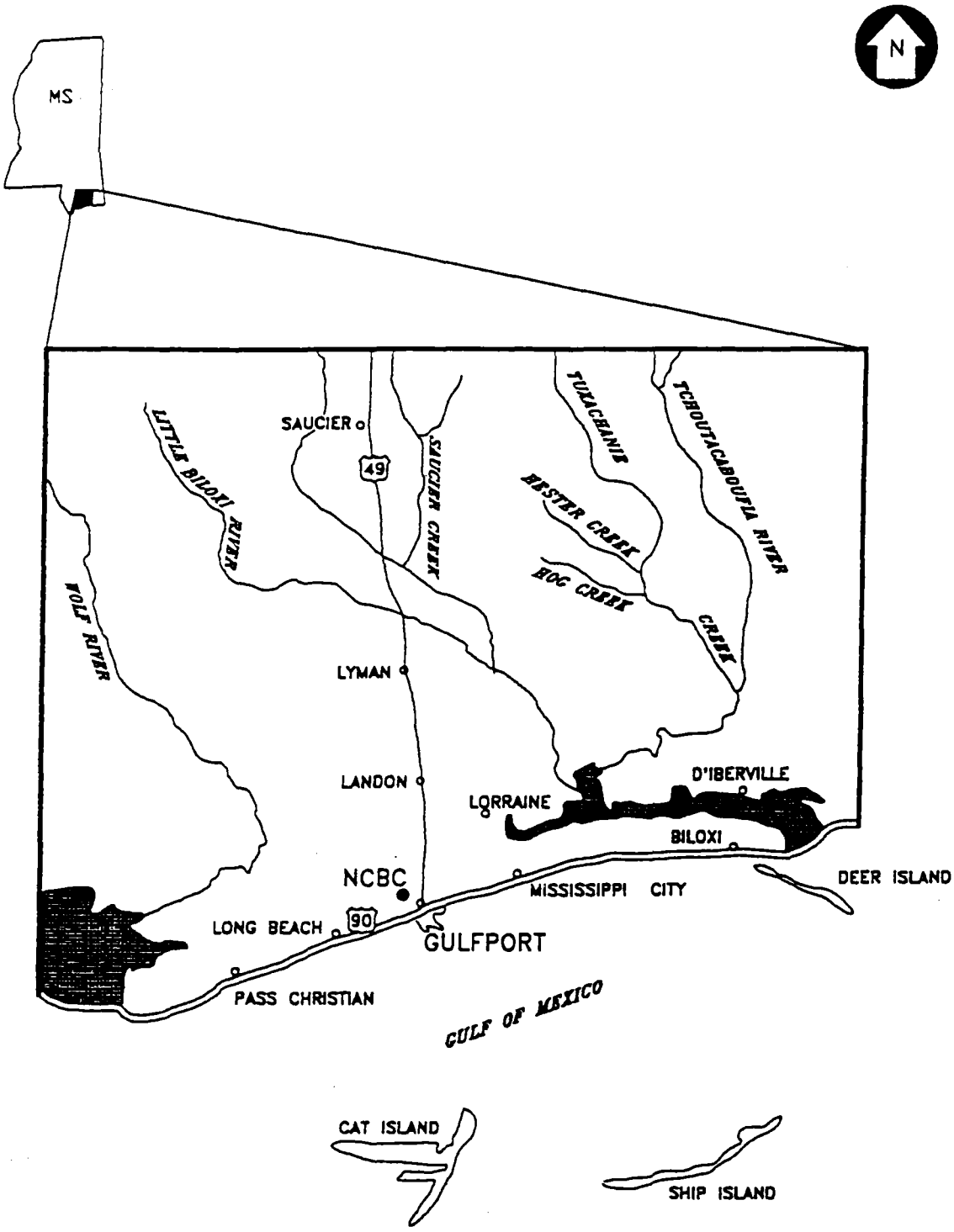
CBC Gulfport is located in the city of Gulfport, in Harrison County, in the southeastern corner of the State of Mississippi, as shown on Figure 2-1. CBC Gulfport supports four Naval Mobile Construction Battalions and serves as the focal point for deployment of Naval Construction Force (NCF) personnel for the Atlantic Fleet battalions. The locations of the two sites are shown on Figure 2-2.

## 2.1 SITE 1, TRAINING AREA

Site 1, currently used as a Training Area, is shown on Figure 2-3. The site is an inactive landfill, where an unknown quantity of chemical wastes containerized in 55-gallon drums was disposed by trench-and-fill operation between 1942 and 1948. The site was subsequently backfilled with soil and is now covered with planted trees, grass areas and buildings associated with the training mission of the base.

## 2.2 SITE 5, HEAVY EQUIPMENT TRAINING AREA

Site 5 consists of an area located between Fourth Street and Colby Avenue, as shown on Figure 2-4. An estimated 6,000 cubic yards of solid waste, an unknown quantity of liquid waste (not containerized), 50 to 100 drums of liquid dichlorodiphenyltrichloroethane (DDT) and boxes of powdered DDT were disposed by trench-and-fill method from 1972 to 1976. An unknown quantity of damaged drums containing herbicide orange was also reported to have been disposed at the site. The site was eventually covered with four to six feet of fill. Therefore, the potential for the presence of agent orange provided the need to perform sampling for the presence of dioxin.




NOT TO SCALE

**FIGURE 2-1**
**VICINITY MAP**

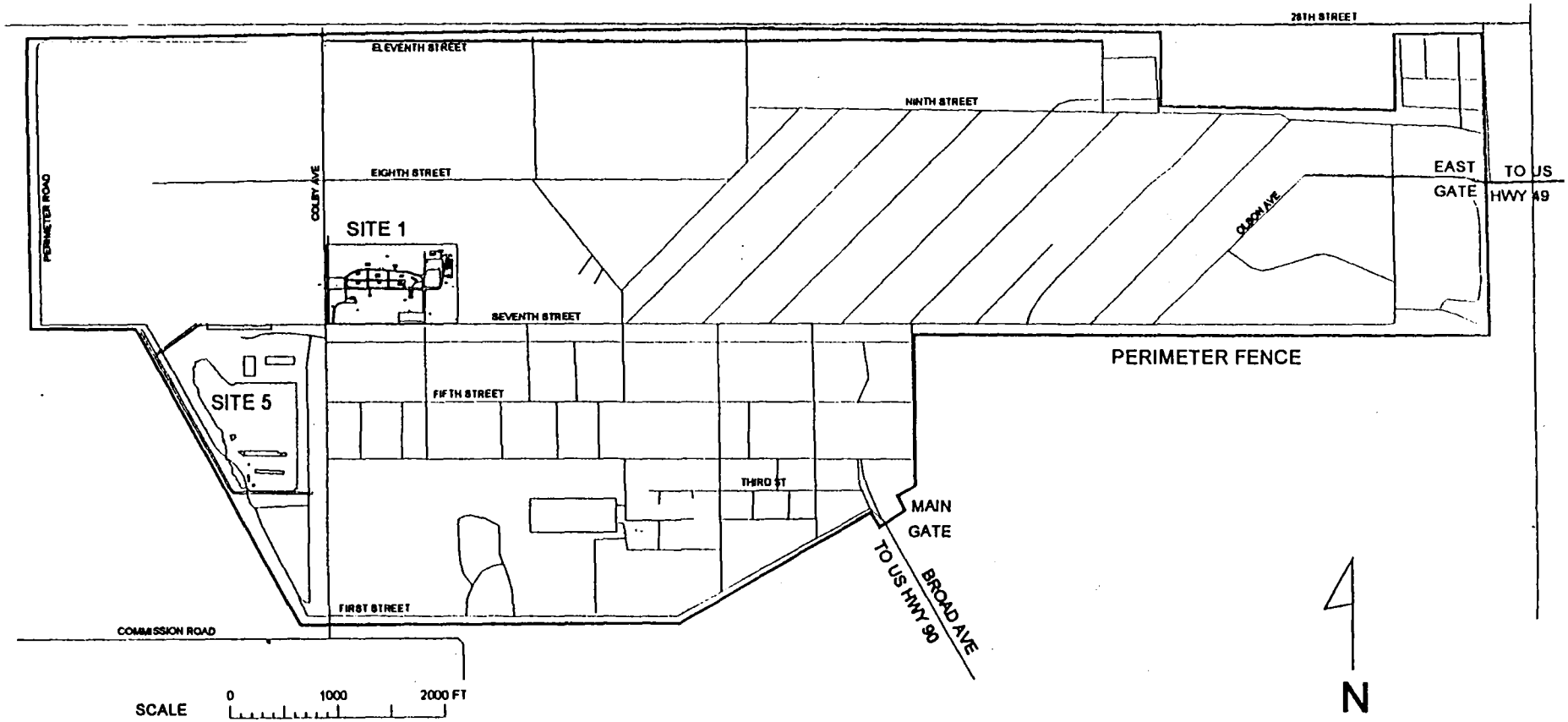



**FIGURE 2-2**
**SITE LOCATION MAP**

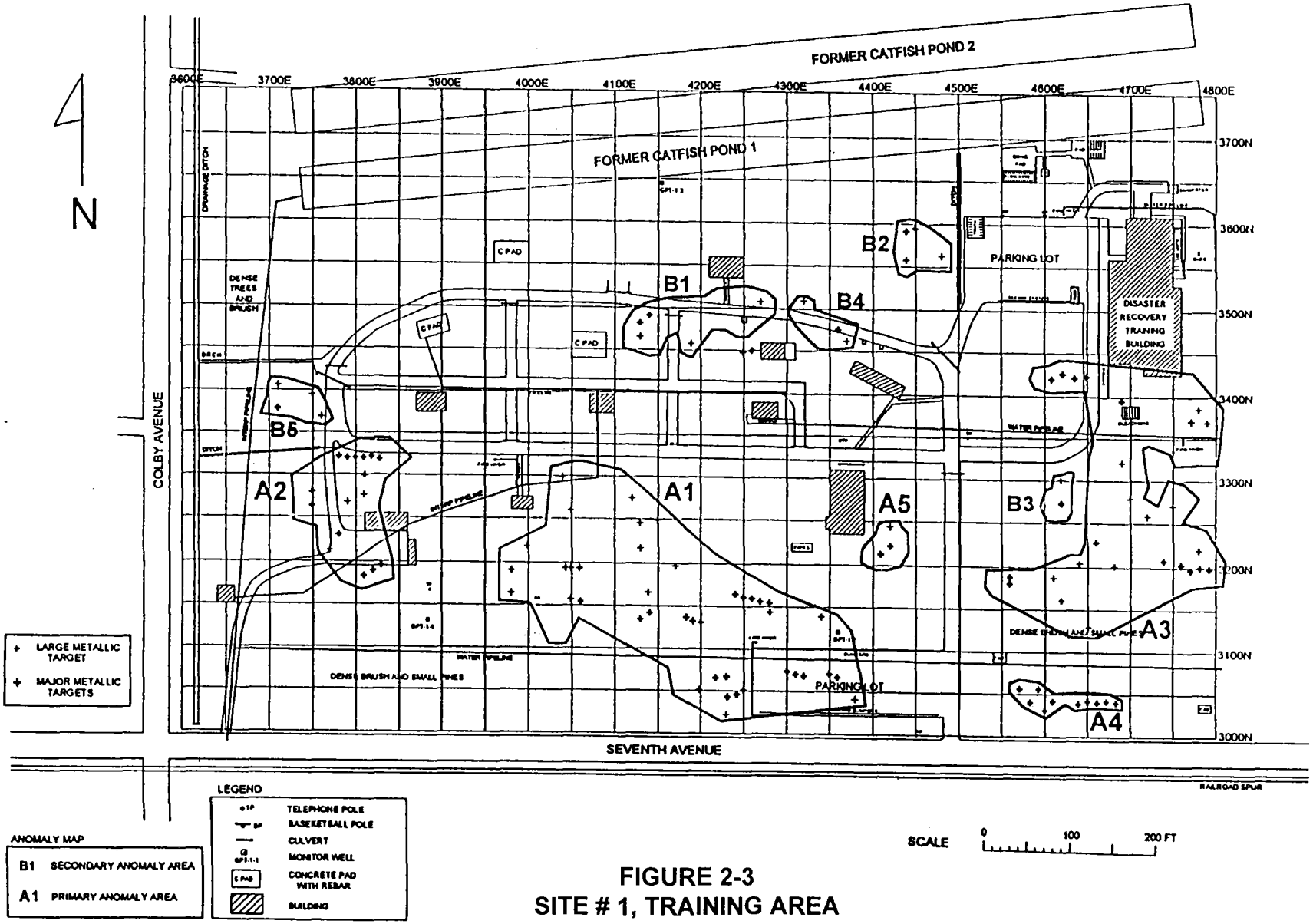



**FIGURE 2-3**
**SITE # 1, TRAINING AREA**

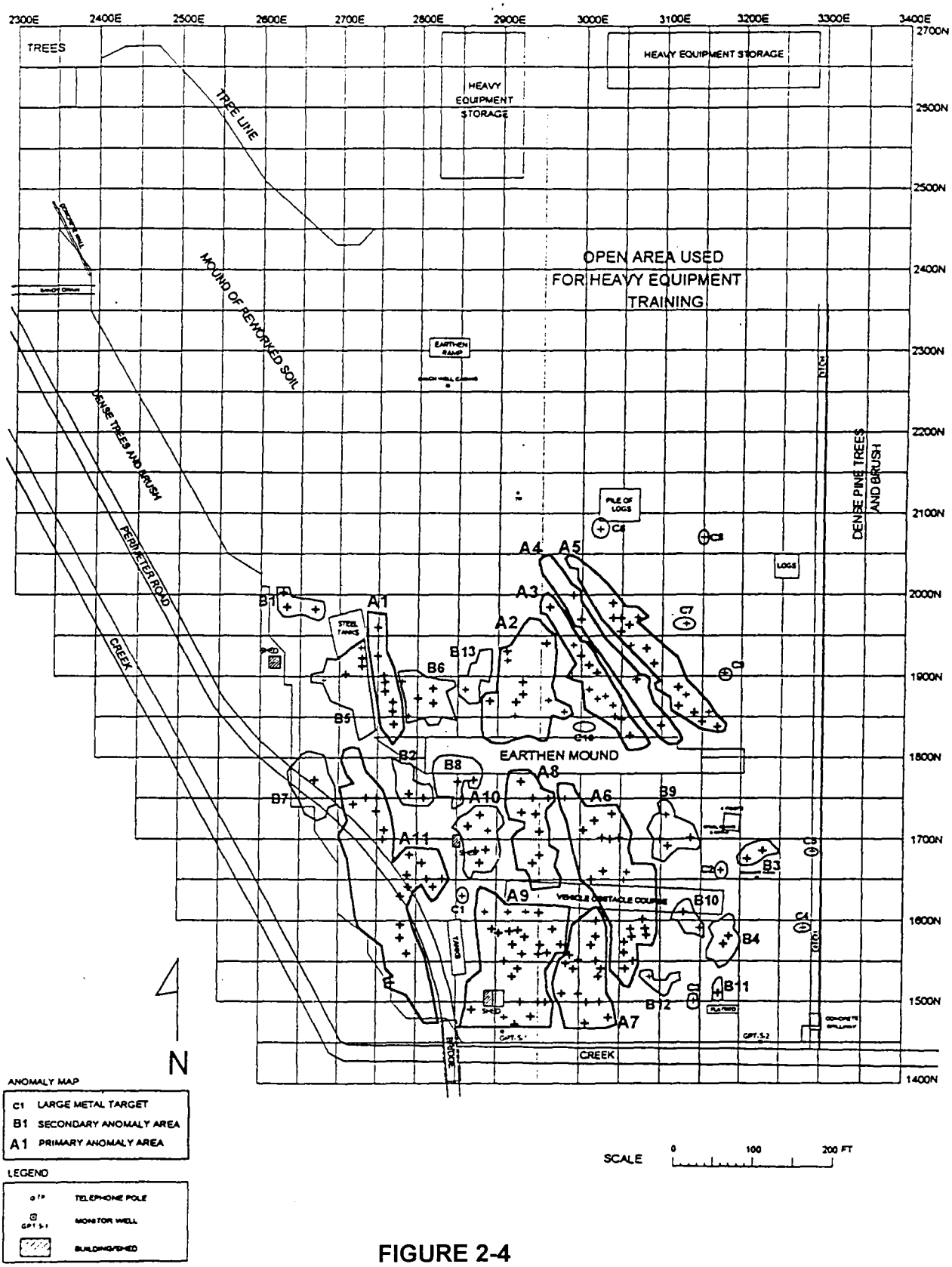



**FIGURE 2-4**
**SITE # 5, HEAVY EQUIPMENT TRAINING AREA**

# 3.0
# FIELD ACTIVITIES

Field activities were scheduled around the ongoing training activities at the base. At Site 1, some areas are occupied by the base for training activities. Field activities were performed on the week ends in these areas.

## 3.1 SOIL BORING

Soil boring and sampling were performed at Sites 1 and 5 from 04 December 1996 to 16 December 1996. Prior to soil boring and sampling excavation permits (Appendix B) were obtained from the base. Soil sampling was performed using a Geoprobe™ sampling system mounted on a four wheel drive all terrain vehicle. At the end of each day, the Geoprobe™ sampling equipment and the vehicle were taken off the base. The photographs of soil boring and sampling activities are provided in Appendix A.

### 3.1.1 Boring Locations

As discussed in the *Work Plan*, the location of the borings were selected based on the results of previous geophysical investigations [MK, 1995]. Thus, soil borings were located in the following anomaly areas:

- Site 1: Training Area - anomaly areas A1, A2, A3, A4, A5, and B1.
- Site 5: Heavy Equipment Training Area - anomaly areas A1, A2, A3, A5, A6, A9 and A10.

Prior to start of the field work, the boring locations were marked with stakes and flags and excavation permits obtained from the base. The boring locations are shown on Figures 3-1 and 3-2.

### 3.1.2 Soil Sampling

Generally, two soil samples were collected from each borehole. The first sample was collected just above the water table and the second sample was collected at five feet below the top of the water table. Only one sample was collected when the soil boring encountered groundwater prior to the collection of the first sample. Samples were collected using the Geoprobe™ sampler as follows:

- Stainless steel tubes (1.5 inch outside diameter) were advanced hydraulically to two feet above the groundwater level
- The stop-pin at the end of the stainless steel tube was removed
- A 24-inch long brass liner (segmented to four 6-inch sections) that had been placed inside the tube was advanced to collect the first soil sample
- The brass liner with the soil sample was retrieved from the hole
- The ends of three brass liners were covered with teflon tape, capped and labeled
- A reading of organic vapor concentration was taken from the soil sample of the fourth brass liner and this sample was used as a field duplicate, when required
- The stainless tubes were advanced an additional 5 feet and the second sample was collected

The samples were labeled and placed in a cooler with ice. The chain-of-custody (COC) forms (Appendix C) were completed and the cooler was shipped to the off-site laboratory by a courier service for overnight delivery. The completed boring was backfilled the same day with cement bentonite grout.

### 3.1.3 Boring Logs

A soil boring log was prepared for each boring, as shown in Appendix D. The boring logs provide information on the sample depth, sample identification number and a brief description of the materials encountered. A review of the boring logs indicated that the sites are underlain by fill material consisting of fine to medium grained sand. Groundwater was encountered below ground surface (bgs) as follows:

- Site 1 - three feet to 12 feet
- Site 5 - 7.5 feet to 10 feet

## 3.2 DECONTAMINATION

A central decontamination facility was constructed at each site using sand bags and a 60-mil high-density polyethylene (HDPE) liner. Decontamination of boring equipment was performed using a high-pressure/low-volume washer. The equipment was decontaminated prior to start of work and at the end of each day.

Non-disposable sampling equipment were washed with Alconox™ and tap water and rinsed with analyte free water. Sampling tools were decontaminated prior to start of work and after each time they were used. The rinsate collected in the decontamination facility was pumped into 55-gallon drums.

## 3.3 INVESTIGATION DERIVED WASTE

The investigation derived waste (IDW) associated with soil boring and sampling activities included liquid and soil generated during decontamination, the HDPE liner and the disposable personnel protective equipment (PPE). The liquid, soil and PPE were stored in 55-gallon drums with labels. Samples were collected for disposal characterization from decontamination liquid and soil.[1]

[1]Note: At the time this report was written, the disposal of IDW was not complete. This information will be updated on the next revision of this report.

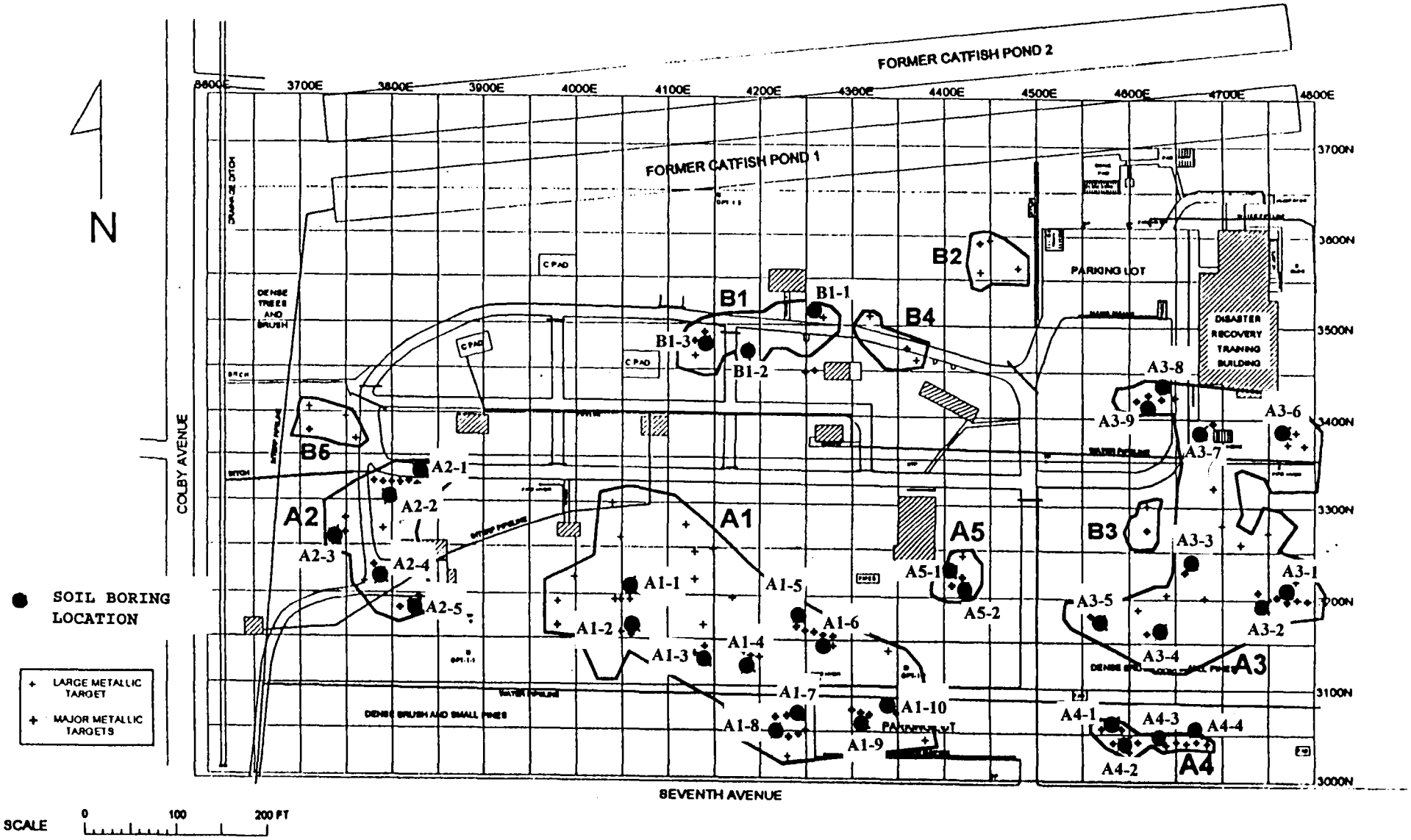



**FIGURE 3-1**
**SOIL BORING LOCATIONS AT SITE # 1**

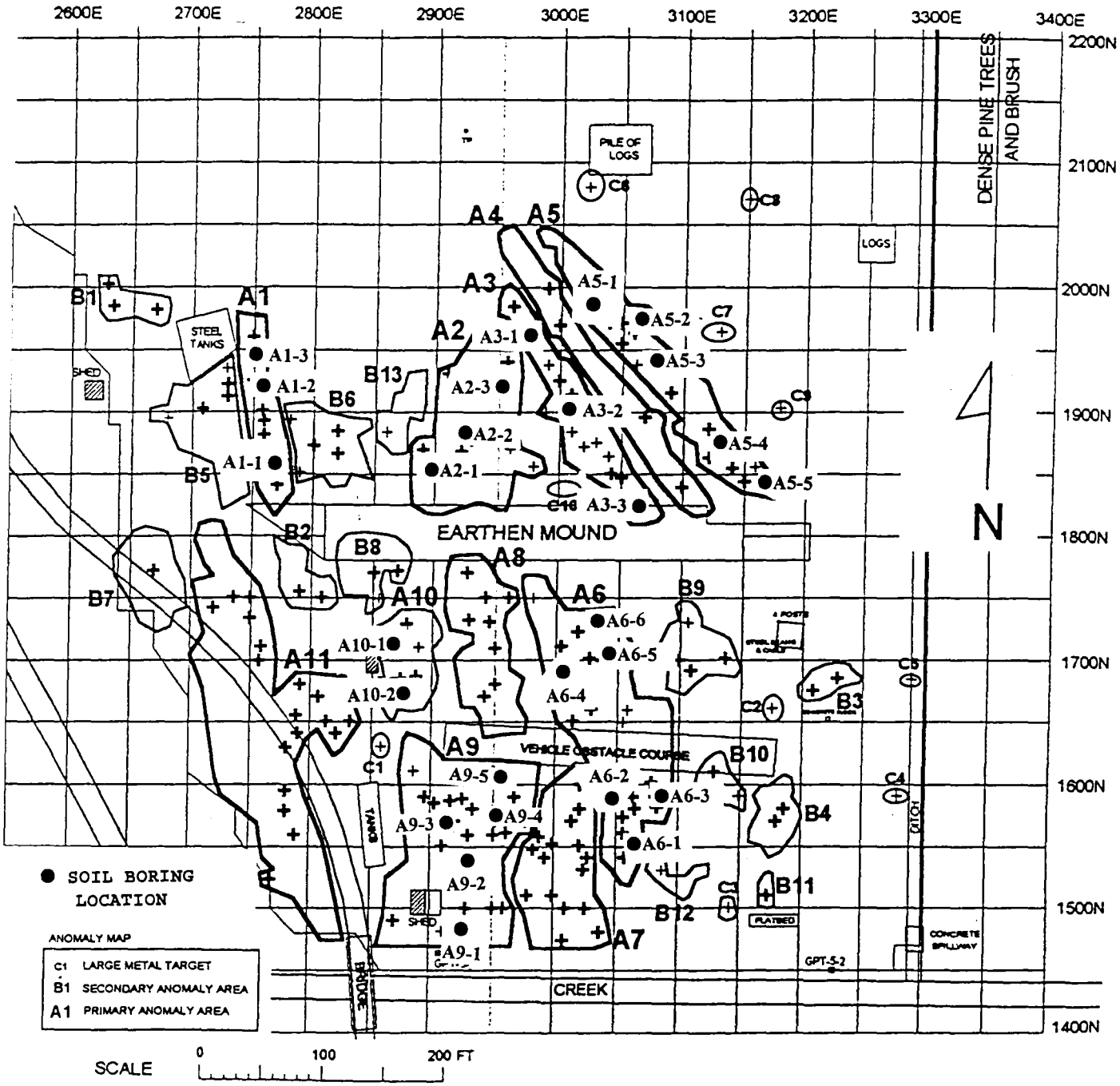



**FIGURE 3-2**
**SOIL BORING LOCATIONS AT SITE # 5**

# 4.0
# ANALYTICAL RESULTS

Soil samples were analyzed for volatile organics, semi-volatile organics, pesticides, herbicides, metals, dioxins and furans. The analytical results are summarized in Appendix E. A discussion of the analytical results for each site and data quality control is provided below.

## 4.1 SITE 1

Analytical results from Site 1 soil borings indicate that, except for arsenic, concentrations of all other compounds were below the screening levels established in Appendix C, *Chemical Data Acquisition Plan (CDAP)*, of the *Work Plan* [MK 1996]. The screening level for arsenic was listed as 0.4 mg/kg, and concentrations reported for the soil borings ranged from 0.40 mg/kg, estimated below the reporting limit, to 4.3 mg/kg. The dioxin 2,3,7,8-TCDD, a main contaminant of concern, was not detected in any samples from this area.

## 4.2 SITE 5

Analytical results from Site 5 soil borings indicate that, except for arsenic, concentrations of all other compounds were below the screening levels established in Appendix C, *CDAP*, of the *Work Plan* [MK 1996]. The screening level for arsenic was listed as 0.4 mg/kg, and concentrations reported for the soil borings ranged from 0.45 mg/kg, estimated below the reporting limit, to 455 mg/kg. The dioxin 2,3,7,8-TCDD, a main contaminant of concern, was not detected in any samples from this area.

## 4.3 DATA QUALITY CONTROL

Analytical results were verified and compared with field and laboratory quality control (QC) sample data. The results of this verification are presented in this section.

### 4.3.1 Field Quality Control

Field quality control samples, including trip blanks, rinsate blanks, field duplicates, and a field blank, were collected during the work at CBC Gulfport to identify potential sources of error or cross contamination that occurred during collection, storage, or shipment of samples to the laboratory and to assist in evaluating precision and representativeness.

Trip blank sample results were evaluated to identify any cross-contamination that may have occurred during storage and shipping of the samples to the analytical laboratory. Trip blank samples were received in sealed containers from the laboratory and were not opened at the site. No target analytes were present in the trip blanks.

Equipment rinsate blanks were evaluated to assess the effectiveness of sampling equipment decontamination. Equipment rinse blanks showed no analytes present above the reporting limits. Several analytes were estimated below the reporting limits for each of the rinse blanks. Dioxin/furans were flagged as being due to laboratory contamination. Toluene, bis(2ethylhexyl)phthalate, barium, chromium, selenium and/or lead were estimated at low levels in the rinse blanks; only barium was detected in a corresponding laboratory blank. However, the levels of these analytes are such that corresponding soil boring sample results are likely not affected.

The field blank sample was evaluated to identify potential sources of error or cross contamination that occurred during collection, storage, or shipment of samples to the laboratory. Although several analytes

were estimated below the reporting limits, the field blank showed no analytes present above the reporting limits. Dioxin/furans were flagged as being due to laboratory contamination. Toluene, chromium and selenium were estimated at low levels in the field blank; none of these analytes were detected in corresponding laboratory blanks. However, the levels of these analytes are such that corresponding soil boring sample results are likely not affected.

Samples GPTS5BA5406D, GPTS5BA9413D, GPTS5BA9314D, GPTS5BA5109D (corrected site-id should read GPTS1BA5109D), and GPTS5BA10206D were identified as field duplicates collected during sampling. Precision objectives for field duplicate samples are established in the *CDAP* [MK 1996] and data are evaluated to determine potential variability introduced by soil heterogeneity and sampling technique. Field duplicate samples were taken from the fourth sleeve of soil collected for a given soil boring, when there was adequate sample volume available. Precision is evaluated using relative percent difference (RPD) between reported concentrations for analytes which were detected above the reporting limit.

Field duplicate precision for volatiles and herbicides met the precision objective of 30% RPD. Precision was acceptable for the majority of semi-volatile analytes, with the exception of two analytes. RPD for phenol ranged from 29% between samples GPTS5BA9314D and GPTS5BA9314, to 94% between samples GPTS5BA5406D and GPTS5BA5406. Bis(2-ethylhexyl)phthalate precision was acceptable for all field duplicate pairs except GPTS5BA9314D and GPTS5BA9314, which exhibited 81.5% RPD. Pesticide analytes all showed acceptable precision, except heptachlor, which was reported at 1.9 ug/kg in sample GPTS5BA9314, but was not detected in GPTS5BA9314D. Several dioxins / furans were detected in only one sample of a field duplicate pair. Metals were not analyzed for any of the field duplicate samples due to lack of sample volume, and therefore, no precision data is available for metals. Imprecision for the analytes noted may be due in part to the collection method for field duplicates, which resulted in soil from different depths being analyzed. Because no analytes other than arsenic were detected at concentrations above screening levels, results are deemed to be acceptable for intended data quality objectives.

### 4.3.2 Laboratory Quality Control

Laboratory analytical data was evaluated by the assessment of precision, accuracy, representativeness, comparability and completeness.

Precision is a measure of the reproducibility of measurements under a given set of conditions. Laboratory duplicates, matrix spikes and matrix spike duplicates were used to determine the precision of the analytical process.

Accuracy is a measure of the bias in a measurement system, and defined as the closeness of the reported value to the true value. The accuracy of a measurement system was assessed by evaluating the results of quality control samples such as matrix spikes, analytical surrogates and the use of field/trip blanks, and equipment rinsate blanks.

Representativeness in the laboratory is ensured by using the proper analytical procedures, meeting sample holding times and analyzing and assessing field duplicated samples. Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. Analytical data are considered to be comparable when similar sampling and analytical methods are used and documented per the *CDAP* [MK 1996]. Laboratory completeness is a measure of the amount of valid measurements obtained from all measurements taken in the project.

The laboratory performed method blank, sample matrix spike and matrix spike duplicate, surrogate, and standard matrix spike analyses in order to evaluate laboratory accuracy and precision. MK reviewed the laboratory data received to determine whether data quality objectives were met for the sampling and

analytical programs through the assessment of precision, accuracy, representativeness, comparability and completeness.

With each volatile and dioxin/furan analysis performed, one or more corresponding method blanks contained low levels of at least one target analyte. In each case, the corresponding sample results have been flagged appropriately. Method blanks analyzed by all other methods were clean. Most sample surrogate recoveries fell within acceptable ranges to meet the project data quality objectives. In cases where surrogate recoveries fell outside of criteria and the samples were rerun, the surrogates recovered similarly in both analyses, indicating the possibility of a matrix interference. In several cases, a spiked sample contained surrogate recoveries that did not meet criteria. However, these spiked samples showed acceptable recoveries for target analytes, indicating that surrogate recoveries in these instances may not predict target analyte performance. The water samples sampled for disposal exhibited low surrogate standards for the pesticide, herbicide, semi-volatile and dioxin/furan analyses.

The sample matrix spikes and matrix spike duplicates (MS/MSD) had acceptable accuracy and precision, with the following exceptions: dinoseb, MCPA, and dalapon recovered outside of established criteria in several herbicides analyses, but the corresponding samples did not contain any hits for these analytes. One analytical batch of pesticides showed recoveries for PPDDT and PPDDD slightly below the criteria. Phenol exhibited low recoveries in one analysis, which may have been in part due to the concentration of phenol in the unspiked sample relative to the spike amount in the MS and MSD; phenol recoveries were acceptable in the corresponding laboratory standard spikes.

Laboratory standard spikes had high recoveries for several herbicides and volatile analytes, for which no corresponding samples showed hits. One analytical batch of pesticides showed recoveries for PPDDE, PPDDT and PPDDD slightly below the criteria. However, all other laboratory spikes performed exhibited acceptable accuracy and precision.

Data quality objectives for accuracy, precision, comparability and completeness were outlined in the *CDAP* [MK 1996]. Overall, the data quality objectives for this project have been met and data is felt to be acceptable as flagged.

# 5.0
# CONCLUSIONS AND RECOMMENDATIONS

A field verification action was performed at Sites 1 and 5 of CBC Gulfport, Mississippi. Soil boring and sampling was performed at 60 locations. Soil samples were analyzed for volatile organics, semi-volatile organics, pesticides, herbicides, metals, dioxins and furans. Analytical results indicate that the only target analyte present above the established screening levels is arsenic. The main contaminant of concern at the sites, 2,3,7,8 - TCDD, was not detected in the samples collected. Therefore, it is recommended that the work proceed at Sites 1 and 5 with test trenching, which is the next project activity in the *Work Plan* [MK 1996].

# 6.0
# REFERENCES

MK 1996, *Work Plan, CBC Gulfport Sites 1, 4 & 5.* Prepared for the Navy, Southern Division, Naval Facilities Engineering Command by Morrison Knudsen Corporation.

MK 1995, *Geophysical Investigation of Sites 1, 4 & 5 at Naval Construction Battalion Center.* Prepared for the Navy, Southern Division, Naval Facilities Engineering Command by Morrison Knudsen Corporation and Geosphere Midwest Inc.

# APPENDIX A
# PROJECT PHOTOGRAPHS

## APPENDIX A
## PROJECT PHOTOGRAPHS

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SITE 1
DECONTAMINATION FACILITY AND GEOPROBE RIG

SITE 1
DECONTAMINATION OF STEEL TUBES

SITE 1
SETTING UP OF THE GEOPROBE AT A SOIL BORING LOCATION

SITE 1
SOIL SAMPLING AND AIR MONITORING IN PROGRESS

SITE 5
DECONTAMINATION FACILITY AND GEOPROBE RIG

SITE 5
DECONTAMINATION OF STEEL TUBES

SITE 5
SETTING UP OF THE GEOPROBE AT A SOIL BORING LOCATION

SITE 5
SOIL SAMPLING IN PROGRESS

SITE 5
COVERING THE BRASS LINER WITH TEFLON TAPE FOR CAPPING

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PLACING THE SAMPLES IN A COOLER

# APPENDIX B
# PERMITS, NOTIFICATIONS AND CERTIFICATIONS

## APPENDIX B
## PERMITS, NOTIFICATIONS AND CERTIFICATIONS

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2. EXCAVATION PERMIT, SITE # 5 . . . . . 2 pages

# EXCAVATION PERMIT

DATE: 12-4-96

PW NUMBER: DIG 97022

APPROVAL IS GRANTED FOR 90 DAYS EXCEPT FOR TELEPHONES WHICH IS GOOD FOR 10 DAYS.

REQUESTING COMMAND: CBC Gulfport Rolcoc

WORK REQUEST/SERVICE CALL #: _____ JOB ORDER # _____

LOCATION: North of 7th St, east of Colby + west of Building 109

PLANNED START DATE: 12-6-96

PLANNED COMPLETION DATE: _____

DESCRIPTION OF WORK: Soil Boring site 1 (NCTC)

REQUESTING OFFICIAL: Vince Quinta

**********

| | | | | |
|---|---|---|---|---|
| OK | ELECTRICAL: | Vince Quinta (SIGNATURE) | 421.6 (CODE) | 12-4-96 (DATE) |
| * | GAS: | Vince Quinta (needs to be marked) (SIGNATURE) | (CODE) | 12-4-96 (DATE) |
| * | WATER: | Lines needs to be marked (SIGNATURE) | 421.6 (CODE) | 12-4-96 (DATE) |
| ok | SEWER: | (SIGNATURE) | (CODE) | 12-4-96 (DATE) |
| OK | MONACO FIRE ALARM: | Vince Quinta (SIGNATURE) | (CODE) | 12-4-96 (DATE) |
| | TELEPHONE: | ~~Vince Quinta~~ (SIGNATURE) | (CODE) | (DATE) |
| OK | CABLE TV: | Vince Quinta (SIGNATURE) | ✓ (CODE) | 12-4-96 (DATE) |

MISSISSIPPI ONE CONTROL NUMBER: 9612-04-0748-0016

1-800-227-6477 *** PHONE PERMIT IS GOOD FOR 10 WORKING DAYS. OUR CODE *****NABA******

NOTES

1. MISSISSIPPI ONE CONTROL HAS BEEN NOTIFIED AND WILL MARK TELEPHONE LINES OR WILL MARK CLEAR AT THE SITE BY 12-6-96. (DATE)

2. WHEN READY TO DIG, IF UTILITY LINES ARE IDENTIFIED ABOVE TO BE MARKED, CALL FMED CODE 420 EXT. 2170 OR 2171.

Rachy 12-4-96

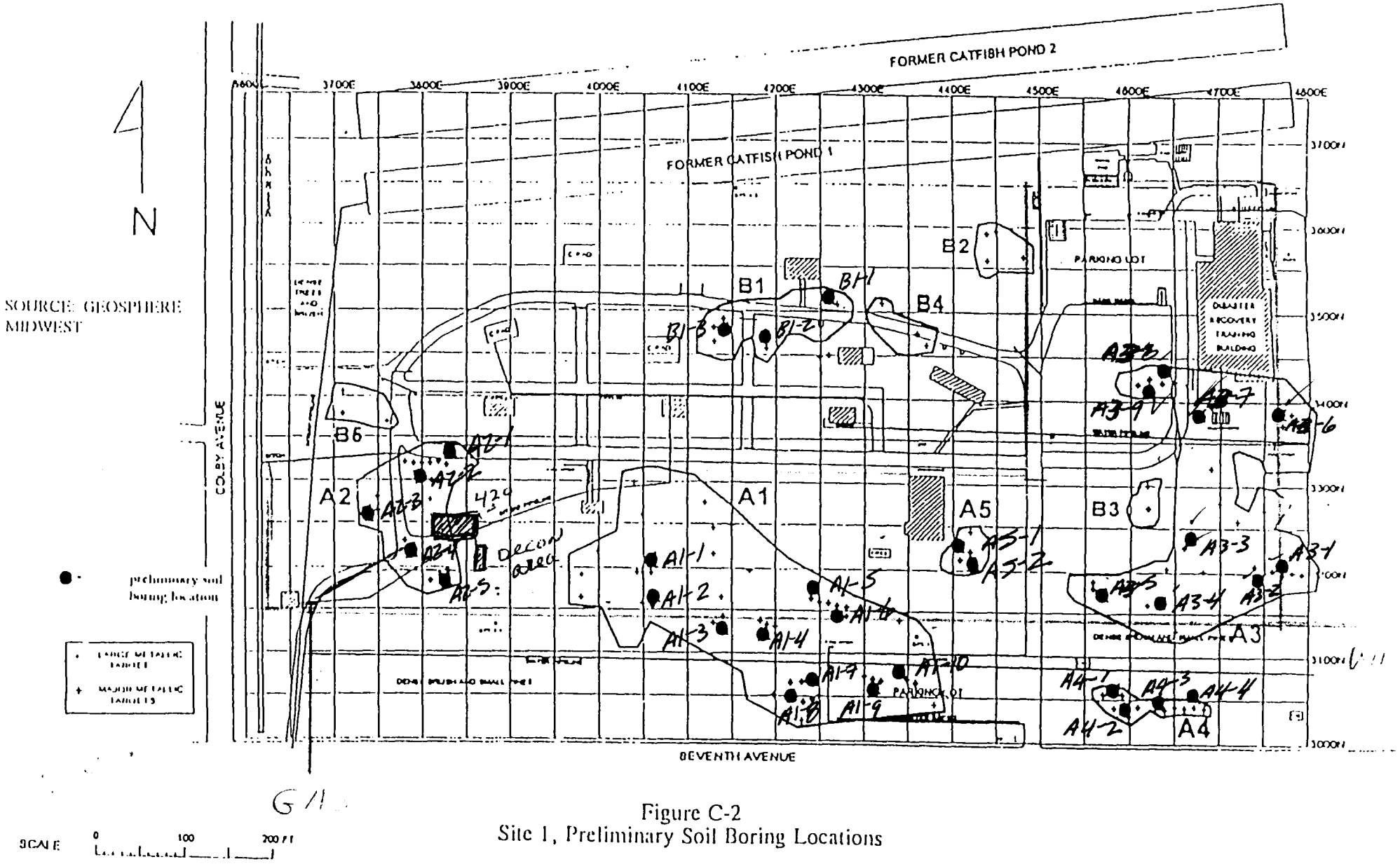


Figure C-2
Site 1, Preliminary Soil Boring Locations

EXCAVATION PERMIT

REQUESTING COMMAND: ROLCC

WORK REQUEST NO: DIG97020 DRAWING NO: C-61 & 62

LOCATION: SITE #1 & 5 (SEE DWG. # 61 & 62

PLANNED START DATE: 4 DEC. 1996

PLANNED COMPLETION DATE: 20 DEC. 96

DESCRIPTION OF WORK: DRILL EXPLORATORY HOLES AT LOCATIONS INDICATED ON DWG # 61 & 62, FROM 2' to 20' BELOW EXISTING GRADE

REQUESTING OFFICIAL: Billy McCarty

**********

UNDERGROUND UTILITY CHECK

| | (SIGNATURE) | (CODE) | (DATE) |
|---|---|---|---|
| ELECTRICAL: | | | 11-25 |
| GAS: | Clear | 421.6 | 11-25-96 |
| WATER: | Clear | 421 6 | 11-25-96 |
| SEWER: | clear | 421.6 | 11-25-96 |
| MONACO FIRE ALARM: | | | 11-25 |
| TELEPHONE: | | | |

MISSISSIPPI ONE CONTROL NO: 9611 25 0956 0208

1-800-227-6477 *** PHONE PERMIT IS GOOD FOR 10 WORKING DAYS.

APPROVAL IS GRANTED FOR 90 DAYS FOR ALL ITEMS WITH THE EXCEPTION OF TELEPHONES.

F.M.E.D. (DATE)

APPROVAL SITE WEST OF COLBY ONLY

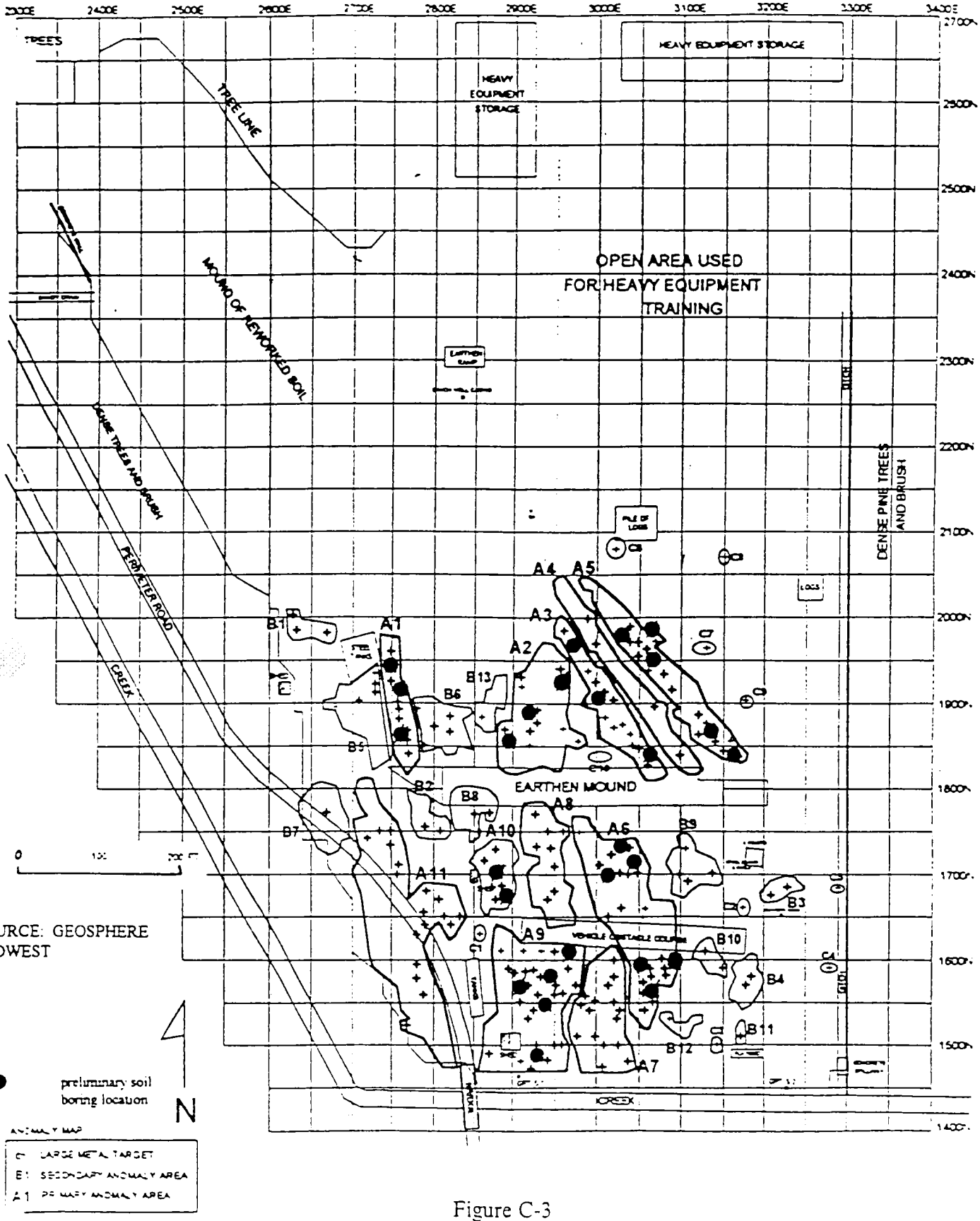


Figure C-3
Site 5. Preliminary Soil Boring Locations

# APPENDIX C
# CHAIN-OF-CUSTODY FORMS

(14 Pages)

# CHAIN OF CUSTODY RECORD

SOUTHWEST LABORATORY OF OKLAHOMA, INC.
1700 W Albany • Broken Arrow, Oklahoma 74012-1421
Office: 918-251-2858 • Fax 918-251-2599

TM

SAMPLING TEAM: Bhate for MK
CLIENT CONTACT: Han Maung
PHONE NUMBER: (210) 523-3422
P.O or PROPOSAL NUMBER:
PROJECT NAME: CBC Gulfport Sites 1 & 5 Soil Boring

SAMPLER: (Signature) James M. Thomas

ANALYTICAL TESTS REQUESTED

| SAMPLE ID | DATE | TIME | COMP | GRAB | LOCATION | MATRIX | NUMBER OF CONTAINERS | VOC 8240 | Metals (6010/7471B) | SVOC 8270 | Dioxins/Furans EPA 8290 | Pesticides 8080 | Herbicides 8150 | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12/4/96 | | | | GPTS5bA5108 | Soil | 3 | X | X | X | X | X | X | | | ~~Ship~~ Ship brass |
| | ↓ | | | | GPTS5bA5115 | | | | | | | | | | | liners to: |
| | | | | | GPTS5bA5206 | | | | | | | | | | | Bhate Env. |
| | 12/4/96 | | | | GPTS5bA5213 | Soil | 3 | X | X | X | X | X | X | | | 1608 13th Ave S. |
| | | | | | | | | | | | | | | | | Birmingham, AL 35205 |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
|---|---|---|---|
| James M. Thomas | 12/4/96 | 17:55 | Fed Ex. 2236194516 |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
| | | | |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
| | | | |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
|---|---|---|---|
| | | | |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED FOR LABORATORY BY: (Signature) |
| | 12/5/96 | 0945 | [illegible] |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
| | | | |

REMARKS: 3°C

[SR012-1192-03]

# CHAIN OF CUSTODY RECORD

SOUTHWEST LABORATORY OF OKLAHOMA, INC.
1700 W Albany • Broken Arrow, Oklahoma 74012-1421
Office: 918-251-2858 • Fax 918-251-2599

TM

ING FIRM: Bhate for MK
CLIENT CONTACT: Alan Fosdick
PHONE NUM: (216)523-3316
P.O or PROPOSAL NUMBER:
PROJECT NAME: CBS Gulfport Sites 1+5 Soil Boring

SAMPLER: (Signature) Matt Thomas James M. Thomas

ANALYTICAL TESTS REQUESTED

| SAMPLE ID | DATE | TIME | COMP | GRAB | LOCATION | MATRIX | NUMBER OF CONTAINERS | VOC 8240 | METALS 6010/7470/7471 | SVOC 8270 | DIOXINS & FURANS 8290 | PESTICIDES 8081 | HERBICIDES 8151 | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12.6.96 | 8:03 | | | GPTS5BA2106 | Soil | 3 | X | X | X | X | X | X | | | Return brass liners to Bhatt |
| | | 8:23 | | | GPTS5BA2113 | | | | | | | | | | | |
| | | 8:50 | | | GPTS5BA2207 | | | | | | | | | | | |
| | | 9:05 | | | GPTS5BA2215 | | | | | | | | | | | |
| | | 10:20 | | | GPTS5BA2307 | | | | | | | | | | | |
| | | 10:50 | | | GPTS5BA2314 | | | | | | | | | | | |
| | | 11:15 | | | GPTS5BA1106 | | | | | | | | | | | |
| | | 11:50 | | | GPTS5BA1113 | | | | | | | | | | | |
| | | 14:45 | | | GPTS5BA1206 | | | | | | | | | | | |
| | | 15:00 | | | GPTS5BA1212 | | | | | | | | | | | |
| | | 15:45 | | | GPTS5BA1306 | | | | | | | | | | | |
| | 12.6.96 | 15:45 | | | GPTS5BA1313 | Soil | 3 | X | X | X | X | X | X | | | |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) | RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY (Signature) |
|---|---|---|---|---|---|---|---|
| James M. Thomas | 12/6/96 | 18:00 | Fed Ex 2236194494 | | | | |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) | RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED FOR LABORATORY BY: (Signature) |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) | REMARKS: |
|---|---|---|---|---|
| | | | | |

SR012-1192-03

# CHAIN OF CUSTODY RECORD

SOUTHWEST LABORATORY OF OKLAHOMA, INC.
1700 W. Albany • Broken Arrow, Oklahoma 74012-1421
Office: 918-251-2858 • Fax 918-251-2599

SAMPLING FIRM: Bhate for MK
CLIENT CONTACT: Alan Fordick
PHONE NUMBER: 216-523-3422
P.O. of PROPOSAL NUMBER:
PROJECT NAME: CBC Gulfport Sites 1 & 5 Soil Borings
SAMPLER (Signature): James M. Thomas

ANALYTICAL TESTS REQUESTED

| SAMPLE ID | DATE | TIME | COMP | GRAB | LOCATION | MATRIX | NUMBER OF CONTAINERS | VOC 8240 | PCB's 8080 | 6010/7470/7471 | Silver | 8270 | Dioxins/Furans 8290 | Pesticides 8080 | Herbicides 8150 | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12-8-96 | 8:35 | | | GPTS1BA4303 | soil | 3 | X | X | X | X | X | X | | | | | Please ship all brass liners back to Bhate |
| | 12-8-96 | 14:05 | | | GPTS1BB1206 | | | | | | | | | | | | | |
| | 12-8-96 | 10:30 | | | GPTS1BA4403 | | | | | | | | | | | | | Bhate |
| | 12-8-96 | 15:10 | | | GPTS5BA5102 | | | | | | | | | | | | | 1608 13th Ave |
| | 12-8-96 | 09:10 | | | GPTS1BA4313 | | | | | | | | | | | | | Birmingham Ala 35205 |
| | 12-8-96 | 11:25 | | | GPTS1BB1103 | | | | | | | | | | | | | |
| | 12-8-96 | 8:10 | | | GPTS1BA4210 | | | | | | | | | | | | | |
| | 12-8-96 | 07:50 | | ✓ | GPTS1BA4207 | | | | | | | | | | | | | |
| | 12-7-96 | 09:45 | | ✓ | GPTS1BA4109 | | | | | | | | | | | | | |
| | 12-8-96 | 15:31 | | ☆ | GPTS5BA5109 | | | | | | | | | | | | | Duplicate, Analize twice |
| | 12-8-96 | 14:20 | | ✓ | GPTS1BB1303 | | | | | | | | | | | | | |
| | 12-8-96 | 11:37 | | ✓ | GPTS1BB1110 | | | | | | | | | | | | | |
| | 12-8-96 | 14:40 | | ✓ | GPTS1BB1310 | | | | | | | | | | | | | |
| | 12-8-96 | 10:45 | | ✓ | GPTS1BA4413 | | | | | | | | | | | | | |
| | 12-7-96 | 09:30 | | ✓ | GPTS1BA4103 | | | | | | | | | | | | | |
| | 12-8-96 | 14:20 | | ✓ | GPTS1BB1310 | soil | 3 | X | X | X | X | X | X | | | | | |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) | RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
|---|---|---|---|---|---|---|---|
| Dan Barney | 12-9-96 | 10:50 | Fed Ex | | | | |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) | RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED FOR LABORATORY BY: (Signature) |
|---|---|---|---|---|---|---|---|
| | | | | | 12/10/96 | 095 | [signature] |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) | REMARKS: |
|---|---|---|---|---|
| | | | | |

192-03

# CHAIN OF CUSTODY RECORD

SOUTHWEST LABORATORY OF OKLAHOMA, INC.
1700 W. Albany • Broken Arrow, Oklahoma 74012-1421
Office: 918-251-2858 • Fax 918-251-2599

SAMPLING TEAM: R.Bha. - For MK
CLIENT CONTACT: Alan Foscick
PHONE NUMBER: (216) 523-342
P.O. or PROPOSAL NUMBER:
PROJECT NAME: CBC/Gulfport Sites 1 & 5 Soil Borings

SAMPLER: (Signature) James M. Thomas

ANALYTICAL TESTS REQUESTED

| SAMPLE ID | DATE | TIME | COMP | GRAB | LOCATION | MATRIX | NUMBER OF CONTAINERS | VOC 8240 | ACRONYMS | 608/2427A | SVOC 8270 | DIESTICIDES 8080 | METALS 6010 | 8156 | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12-11-96 | 08:00 | | X | GPTS5BA9306 | Soil | 3 | | | | | | | | |
| | 12-11-96 | 08:20 | | | GPTS5BA9314 | | 3 | | | | | | | | |
| | 12-11-96 | 08:30 | | | GPTS5BA9314 | | 1 | | | | | | | | Duplicate |
| | 12-11-96 | 09:20 | | | GPTS5BA9206 | | 3 | | | | | | | | |
| | 12-11-96 | 09:25 | | | GPTS5BA9214 | | 3 | | | | | | | | |
| | 12-11-96 | 10:40 | | | GPTS5BA9106 | | 3 | | | | | | | | Hot High VOC |
| | 12-11-96 | 11:00 | | | GPTS5BA9114 | | 3 | | | | | | | | Hot High VOC |
| | 12-11-96 | 16:59 | | | Trip Blank 4 | water | 2 | X | | | | | | | |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
|---|---|---|---|
| James M. Thomas | 12-11-96 | 17:05 | FedEx 2236194424 |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
| | | | |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
| | | | |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
|---|---|---|---|
| | | | |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED FOR LABORATORY BY: (Signature) |
| | 12/12/96 | 0930 | |

REMARKS:

[SR012-1192-03]

# CHAIN OF CUSTODY RECORD

SOUTHWEST LABORATORY OF OKLAHOMA, INC.
1700 W. Albany • Broken Arrow, Oklahoma 74012-1421
Office 918-251-2858 • Fax 918-251-2599

TM

SAMPLING FIRM: BHATE

CLIENT CONTACT: Alan Foselick

PHONE NUMBER:

P.O. or PROPOSAL NUMBER:

PROJECT NAME: GBS Gulfport Site 1 Sampling

SAMPLER (Signature): James M. Thomas

ANALYTICAL TESTS REQUESTED

| SAMPLE ID | DATE | TIME | COMP | GRAB | LOCATION | MATRIX | NUMBER OF CONTAINERS | VOC 8240 | Metals 6010/7470/7471 | SVOC 8270 | Diesel 8015 | Pb 7421 | Hg 7470 | 8080 | 8150 | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12-13-96 | 3:08 | | X | GPTS1BA1811 | Soil | 3 | X | X | X | X | X | X | | | | | |
| | 12-13-96 | 17:32 | | X | Trip blank | water | 2 | X | | | | | | | | | | |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
|---|---|---|---|
| James M. Thomas | 12/13/96 | 17:32 | FedEx 2236194450 |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
|---|---|---|---|
| | | | |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
|---|---|---|---|
| | | | |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED FOR LABORATORY BY: (Signature) |
|---|---|---|---|
| | 12/14/96 | 0945 | Williams |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
|---|---|---|---|
| | | | |

REMARKS: 2°

[SR012-1192-03]

# CHAIN OF CUSTODY RECORD

SOUTHWEST LABORATORY OF OKLAHOMA, INC.
1700 W. Albany • Broken Arrow, Oklahoma 74012-1421
Office: 918-251-2858 • Fax 918-251-2599

TM

SAMPLING FIRM: BEA for MK
CLIENT CONTACT: ALLEN FOSWICK
PHONE NUMBER:
P.O. or PROPOSAL NUMBER:
PROJECT NAME: CBC Gulfport MS. sites 1-5

SAMPLER: (Signature)

ANALYTICAL TESTS REQUESTED

| SAMPLE ID | DATE | TIME | COMP | GRAB | LOCATION | MATRIX | NUMBER OF CONTAINERS | VOC 8240 | METALS 7470A 6010 | SVOC 8270 | Volatiles 8270 | Pesticides 8080 | Herbicides 8150 | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12-16-96 | 8:47 | | X | GPTSIBA3203 | Soil | 3 | X | X | X | X | X | X | | | return Brass liners to White |
| | 12-16-96 | 8:52 | | | GPTSIBA3211 | | 3 | | | | | | | | | |
| | 12-16-96 | 9:32 | | | GPTSIBA3403 | | 3 | | | | | | | | | |
| | 12-16-96 | 9:42 | | | GPTSIBA3410 | | 3 | | | | | | | | | |
| | 12-16-96 | 10:06 | | | GPTSIBA3503 | | 3 | | | | | | | | | |
| | 12-16-96 | 10:12 | | | GPTSIBA3510 | | 3 | | | | | | | | | |
| | 12-16-96 | 1:12 | | | GPTSIBA2103 | | 3 | | | | | | | | | |
| | 12-16-96 | 1:18 | | | GPTSIBA2112 | | 3 | | | | | | | | | |
| | 12-16-96 | 1:33 | | | GPTSIBA2203 | | 3 | | | | | | | | | |
| | 12-16-96 | 1:50 | | | GPTSIBA2210 | | 3 | | | | | | | | | |
| | 12-16-96 | 2:12 | | | GPTSIBA2303 | | 3 | | | | | | | | | |
| | 12-16-96 | 2:21 | | | GPTSIBA2310 | | 3 | | | | | | | | | |
| | 12-16-96 | 2:37 | | | GPTSIBA2403 | | 3 | | | | | | | | | |
| | 12-16-96 | 2:42 | | | GPTSIBA2410 | | 3 | | | | | | | | | |
| | 12-16-96 | 3:19 | | | GPTSIBA2506 | | 3 | | | | | | | | | |
| | 12-16-96 | 3:30 | | ↓ | GPTSIBA2509 | | 3 | | | | | | | | | |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
|---|---|---|---|
| | 12/16/96 | 16:30 | FedEx 2236194446 |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
| | | | |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
| | | | |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
|---|---|---|---|
| | | | |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED FOR LABORATORY BY: (Signature) |
| | 12/17/96 | 0945 | |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
| | | | |

REMARKS:

32

[SR012-1192-03]

# CHAIN OF CUSTODY RECORD

SOUTHWEST LABORATORY OF OKLAHOMA, INC.
1700 W. Albany • Broken Arrow, Oklahoma 74012-1421
Office: 918-251-2858 • Fax 918-251-2599

TM

SAMPLING FIRM: Shate (BEA)
CLIENT CONTACT: Allen Fosdick
PHONE NUMBER:
P.O. or PROPOSAL NUMBER:
PROJECT NAME: CBC Hoffport, Mo. sites 1-5

SAMPLER: (Signature) James M. Thomas

ANALYTICAL TESTS REQUESTED

| SAMPLE ID | DATE | TIME | COMP | GRAB | LOCATION | MATRIX | NUMBER OF CONTAINERS | SVOC 8270 | Pesticides 8080 | Herbicides 8150 | Dioxins/Furans 8290 | Metals 6010A, 7470A | VOC 8240 | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12/17/96 | | | X | GPTS1 DS | water | 12 | X | X | X | X | X | X | | | decontd sampler |
| | 12/17/96 | | | X | GPTS1DSTB | water | 2 | | | | | | X | | | trip blank |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
|---|---|---|---|
| James M. Thomas | 12/17/96 | 18:00 | FedEx 2236194413 |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
| | | | |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
| | | | |

| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED BY: (Signature) |
|---|---|---|---|
| | | | |
| RELINQUISHED BY: (Signature) | DATE | TIME | RECEIVED FOR LABORATORY BY: (Signature) |
| | 12/18/96 | 1000 | [signature] |

REMARKS:

1 °C

*SR012-1192-03

# APPENDIX D
# SOIL BORING LOGS

## APPENDIX D
## SOIL BORING LOGS

### INDEX

1. SITE 1, SOIL BORING LOGS . . . . . 33 Pages

2. SITE 5, SOIL BORING LOGS . . . . . 27 Pages

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A1-1 | **SITE:** 1 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12-12-96 (15:17) | **DATE COMPLETED:** 12-12-96 (15:52) |
|---|---|---|

**ANOMALY AREA:** A1

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 11.0 | **HOLE DIAMETER:** 1.5 in |
|---|---|---|

| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 4.0 |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 2-4.0' | 18" | FID 2.0 | GPT S1 BA1102 | Sand: medium, black (3-4'), light brown (tan) @ 2.5-3.0', saturated @ tip |
| | 9-11.0' | 20" | FID 1.0 | GPT S1 BA1109 | Sand: medium/fine, medium brown, saturated |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A1-3 | **SITE:** 1 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12-13-96 (8:30) | **DATE COMPLETED:** 12-13-96 (8:58) |
|---|---|---|

**ANOMALY AREA:** A1

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 11.0 | **HOLE DIAMETER: 1.5** in |
|---|---|---|

**LOGGED BY:** Matt Thomas

**DEPTH TO WATER (ft bgs):** 4.5

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 2-4' | 16" | FID 12.0 (backgrd 0.0) | GPT S1 BA1302 | Sand: medium, tan, moist |
| | 9-11.0' | 24" | FID 0.0 | GPT S1 BA1310 | Sand: medium, coarse; gravel: dark brown/black, saturated |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A1-5 | **SITE:** 1 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12-12-96 (14:20) | **DATE COMPLETED:** 12-12-96 (15:08) |
|---|---|---|

**ANOMALY AREA:** A1

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 11.0 | **HOLE DIAMETER:** 1.5 in |
|---|---|---|

| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 4.0 |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 2-4.0' | 18" | FID 22.0 (backgrd 0.0) | GPT S1 BA1502 | Sand: medium, brown @ tip, tan/orange after first 6", saturated @ tip |
| | 9-11.0' | 24" | FID 70.0 | GPT S1 BA1509 | Sand: medium, dark brown, saturated |
| | | | | | |
| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |

**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A1-7 | **SITE:** 1 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12-13-96 (13:25) | **DATE COMPLETED:** 12-13-96 (14:03) |
|---|---|---|

**ANOMALY AREA:** A1

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 12.0 | **HOLE DIAMETER: 1.5** in |
|---|---|---|

| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 6.5 |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 3-5' | 16" | FID 19.0 | GPT S1 BA1703 | Sand/silt/clay: medium sand, grey, v. moist |
| | 10-12' | 12" | FID 5.0 | GPT S1 BA1710 | Sand: fine, medium/coarse; gravel: small, coarse; brown, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A1-9 | **SITE:** 1 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12-14-96 (7:45) | **DATE COMPLETED:** 12-14-96 (8:26) |
|---|---|---|

**ANOMALY AREA:** A1

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 13.5 | **HOLE DIAMETER: 1.5** in |
|---|---|---|

| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 6.5 |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 4-6' | 18" | FID 8,600 (backgrd 0.0) | GPT S1 BA1904 | Sand: medium, light brown, moist |
| | 11.5-13.5' | 23" | FID 8.0 (backgrd. 0.0) | GPT S1 BA1911 | Sand: medium/coarse, brown, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A2-1 | **SITE:** 1 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12-16-96 (12:57) | **DATE COMPLETED:** 12-16-96 |
|---|---|---|

**ANOMALY AREA:** A2

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 12.0 | **HOLE DIAMETER: 1.5** in |
|---|---|---|

| **LOGGED BY:** R.W. Henderson | **DEPTH TO WATER (ft bgs):** 5.0 |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 3-5' | 18" | 3.0 (backgrd 0.0) | GPT S1 BA2103 | Sand: medium, saturated at 5' |
| | 10-12' | 24" | 0.0 (backgrd 0.0) | GPT S1 BA2110 | Sand: fine, tan w/orange stains, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A2-3 | **SITE:** 1 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12-16-96 (2:05) | **DATE COMPLETED:** 12-16-96 (2:30) |
|---|---|---|

**ANOMALY AREA:** A2

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 12.0 | **HOLE DIAMETER: 1.5** in |
|---|---|---|

| **LOGGED BY:** R.W. Henderson | **DEPTH TO WATER (ft bgs):** 4.5 |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 3-5' | 20" | 9.0 (backgrd 0.0) | GPT S1 BA2303 | Sand: medium, brown saturated @ tip |
| | 10-12' | 24" | 0.0 (backgrd 0.0) | GPT S1 BA2310 | Sand: medium, dark brown, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A2-5 | **SITE:** 1 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12-16-96 (3:15) | **DATE COMPLETED:** 12-16-96 (3:23) |
|---|---|---|

**ANOMALY AREA:** A2

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 11.5 | **HOLE DIAMETER:** 1.5 in |
|---|---|---|

**LOGGED BY:** R.W. Henderson

**DEPTH TO WATER (ft bgs):** 4.5

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 2.5-4.5' | 18" | 8.4 (backgrd 0.2) | GPT S1 BA2502 | Sand: medium, brown saturated @ tip |
| | 9.5-11.5' | 24" | 0.2 (backgrd 0.2) | GPT S1 BA2509 | Sand: medium, dark brown, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A3-2 | **SITE:** 1 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12-16-96 (8:40) | **DATE COMPLETED:** 12-16-96 (8:58) |
|---|---|---|

**ANOMALY AREA:** A3

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 13 | **HOLE DIAMETER:** 1.5 in |
|---|---|---|

| **LOGGED BY:** R.W. Henderson | **DEPTH TO WATER (ft bgs):** 5.5 |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 3-5' | 18" | 90.0 (backgrd 0.0) | GPT S1 BA3203 | Sand: tan, medium, moist @ tip, odor in sample |
| | 11-13' | 24" | 16.0 (backgrd 0.0) | GPT S1 BA3211 | Sand: medium, brown, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A3-4 | **SITE:** 1 | **DRILLING CONTRACTOR:** Bhate | |
|---|---|---|---|
| **DRILLING MAKE and MODEL:** Geoprobe 4220 | | **START DATE:** 12-16-96 (9:23) | **DATE COMPLETED:** 12-16-96 (9:45) |

**ANOMALY AREA:** A3

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 12.0 | **HOLE DIAMETER: 1.5** in |
|---|---|---|

| **LOGGED BY:** R.W. Henderson | **DEPTH TO WATER (ft bgs):** 5.0 |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 3.0-5.0' | 17" | 22.0 (backgrd 0.0) | GPT S1 BA3403 | Sand: medium, black, saturated @ tip, odor in sample |
| | 10-12' | 23" | 22.0 (backgrd 0.0) | GPT S1 BA3411 | Sand: medium/fine light to medium brown, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

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|---|---|---|
| **SOIL BORING NO.:** A3-6 | **SITE:** 1 | **DRILLING CONTRACTOR:** Bhate |

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|---|---|---|
| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12-14-96 (15:40) | **DATE COMPLETED:** 12-14-96 (17:35) |

**ANOMALY AREA:** A3

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|---|---|---|
| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 12.0 | **HOLE DIAMETER:** 1.5 in |

| | |
|---|---|
| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 5.0 |

| Depth below surface (ft) | SAMPLE | | | | Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.) |
|---|---|---|---|---|---|
| | Sample Interval | Recovery (Inches) | PID Result (ppm) | Sample I.D. (Offsite analysis) | |
| | 3-5' | 16" | HNU 16.2 | GPT S1 BA3603 | Sand: medium, dark brown, saturated @ tip |
| | 10-12' | 24" | HNU 0.0 | GPT S1 BA3610 | Sand: fine/medium, dark brown, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A3-8 | **SITE:** 1 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12-14-96 (11:38) | **DATE COMPLETED:** 12-14-96 (12:07) |
|---|---|---|

**ANOMALY AREA:** A3

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 11.0 | **HOLE DIAMETER: 1.5** in |
|---|---|---|

| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 4.5 |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 2-4' | 18" | FID 6.0 (backgrd 0.0) RAE 0.0 | GPT S1 BA3802 | Sand: medium, dark brown, moist |
| | 9-11' | 24" | FID 16.0 (backgrd 0.0) RAE 0.0 | GPT S1 BA3809 | Sand: medium/fine, dark brown, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A4-1 | **SITE:** 1 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12-7-96 (8:29) | **DATE COMPLETED:** 12-7-96 (9:45) |
|---|---|---|

**ANOMALY AREA:** A4

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 11 | **HOLE DIAMETER:** 1.5 in |
|---|---|---|

| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 5 |
|---|---|

| Depth below surface (ft) | SAMPLE | | | | Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.) |
|---|---|---|---|---|---|
| | Sample Interval | Recovery (Inches) | PID Result (ppm) | Sample I.D. (Offsite analysis) | |
| | refusal 2.5' offset 5' South | | | | |
| | refusal 3.0' offset 2.5' back | | | | |
| | refusal 3'4" offset 7.5' forward | | | | |
| | refusal 3.0' offset 6'W 3'N | | | | |
| | 3-5.0 | 10" | RAE 40.5 | GPT S5 BA4103 | Sand: medium to coarse, grey, saturated @ tip, tan mottling |
| | 9-11.0' | 18" | RAE 8.4 | GPT S5 BA4109 | Sand: medium, light to dark brown, saturated |
| | | | | | |
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**GENERAL NOTES:**

At 3' depth it appeared the probe penetrated something. The sample cone also had a small piece of metal wedged into the shoe. Additionally, after 3 gallons of grout the hole wasn't fully grouted so the grout was forced to bridge and plug the hole.

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A4-3 | **SITE:** 1 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12-8-96 (8:15) | **DATE COMPLETED:** 12-8-96 (9:17) |
|---|---|---|

**ANOMALY AREA:** A4

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 15.0 | **HOLE DIAMETER: 1.5** in |
|---|---|---|

| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 8.5 |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 3-5' | 18" | RAE 0.0 | GPT S1 BA4 303 | Sand: coarse/medium, grey, moist |
| | 13-15' | 20" | RAE 1.4 | GPT S1 BA4313 | Sand: coarse/medium, reddish brown, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A5-1 | **SITE:** 1 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12-8-96 (14:55) | **DATE COMPLETED:** 12-8-96 (15:30) |
|---|---|---|

**ANOMALY AREA:** A5

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 11.5 | **HOLE DIAMETER:** 1.5 in |
|---|---|---|

| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 7.0 |
|---|---|

| Depth below surface (ft) | SAMPLE | | | | Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.) |
|---|---|---|---|---|---|
| | Sample Interval | Recovery (Inches) | PID Result (ppm) | Sample I.D. (Offsite analysis) | |
| | 2.5-4.0' | 16" | HNU 7.8 | GPT S1 BA5102 | Sand: medium, tan, v. moist, black-staining |
| | 9.5-11.5' | 16" | HNU 0.5 | GPT S1 BA5109 | Sand: coarse/medium, dark brown, saturated, oily residue |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| | | |
|---|---|---|
| **SOIL BORING NO.:** B1-1 | **SITE:** 1 | **DRILLING CONTRACTOR:** Bhate |

| | | |
|---|---|---|
| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12-8-96 (11:00) | **DATE COMPLETED:** 12-8-96 (11:40) |

**ANOMALY AREA:** B1

| | | |
|---|---|---|
| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 12.0 | **HOLE DIAMETER:** 1.5 in |

| | |
|---|---|
| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 7.5 |

| Depth below surface (ft) | SAMPLE | | | | Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.) |
|---|---|---|---|---|---|
| | Sample Interval | Recovery (Inches) | PID Result (ppm) | Sample I.D. (Offsite analysis) | |
| | 3-5' | 20" | HNU 2.8 | GPT S1 BB1103 | Sand: medium, dark brown, v. moist |
| | 10-12' | 24" | HNU 0.4 | GPT S1 BB1110 | Sand: coarse, tan, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

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|---|---|---|
| **SOIL BORING NO.:** B1-3 | **SITE:** 1 | **DRILLING CONTRACTOR:** Bhate |

| | | |
|---|---|---|
| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12-8-96 (14:15) | **DATE COMPLETED:** 12-8-96 (14:45) |

**ANOMALY AREA:** B1

| | | |
|---|---|---|
| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 12.0 | **HOLE DIAMETER:** 1.5 in |

| | |
|---|---|
| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 4.5 |

| Depth below surface (ft) | SAMPLE | | | | Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.) |
|---|---|---|---|---|---|
| | Sample Interval | Recovery (Inches) | PID Result (ppm) | Sample I.D. (Offsite analysis) | |
| | 3-5' | 18" | HNU 7.6 | GPT S1 BB1303 | Sand/clay: grey @ 3' + brown @ 5', saturated @ tip |
| | 10-12' | 24" | HNU 0.2 | GPT S1 BB1310 | Sand: medium/fine, tan, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A1-2 | **SITE:** 5 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12/6/96 (14:30) | **DATE COMPLETED:** 12/6/96 (15:05) |
|---|---|---|

**ANOMALY AREA:** A1

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 14.5' | **HOLE DIAMETER:** 1.5 in |
|---|---|---|

| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 0.5' |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 6.0 - 8.0' | 16" | RAE (HNU low battery) 7.5 | GPT S5 BA1206 | Sand/Wood: Medium, dark brown, saturated @ tip |
| | 12.5 - 14.5' | 24" | RAE 0.0 | GPT S5 BA1212 | Sand: Medium, dark reddish brown saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A2-1 | **SITE:** 5 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** 4220 | **START DATE:** 12/6/96 (7:33) | **DATE COMPLETED:** 12/6/96 (8:25) |
|---|---|---|

**ANOMALY AREA:** A2

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 15.0' | **HOLE DIAMETER:** 1.5 in |
|---|---|---|

**LOGGED BY:** Matt Thomas

**DEPTH TO WATER (ft bgs):** 9.5'

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 6-8' | 18" | HNU 4.5 | GPT S5 BA2106 | Sand: Medium, grey, moist, sweet odor |
| | 13-15' | 24" | HNU 14.0 | GPT S5 BA2113 | Sand: Medium, brown/reddish, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

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|---|---|---|
| **SOIL BORING NO.:** A2-3 | **SITE:** 5 | **DRILLING CONTRACTOR:** Bhate |

| | | |
|---|---|---|
| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12/6/96 (10:09) | **DATE COMPLETED:** 12/6/96 (10:51) |

**ANOMALY AREA:** A2

| | | |
|---|---|---|
| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 16.0 | **HOLE DIAMETER: 1.5** in |

| | |
|---|---|
| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 9.0' |

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 7.0 - 9.0' | 18" | HNU 1.3 | GPT S5 BA2307 | Sand: Medium, tan, reddish saturated @ tip |
| | 14.0 - 16.0' | 24" | HNU 0.2 | GPT S5 BA2314 | Sand: Medium, tan/brown, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A3-2 | **SITE:** 5 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12/5/96 (14:35) | **DATE COMPLETED:** 12/5/96 (15:10) |
|---|---|---|

**ANOMALY AREA:** A3

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 15.0' | **HOLE DIAMETER:** 1.5 in |
|---|---|---|

**LOGGED BY:** Matt Thomas

**DEPTH TO WATER (ft bgs):** 8.0'

| Depth below surface (ft) | SAMPLE | | | | Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.) |
|---|---|---|---|---|---|
| | Sample Interval | Recovery (Inches) | PID Result (ppm) | Sample I.D. (Offsite analysis) | |
| | 6-8' | 18" | HNU 16.0 | GPT S5 BA3206 | Sand: Medium, white, saturated @ tip |
| | 13-15' | 24" | HNU 0.4 | GPT S5 BA3213 | Sand: Fine/medium, brown, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A5-1 | **SITE:** 5 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12/4/96 (12:55) | **DATE COMPLETED:** 12/4/96 (13:45) |
|---|---|---|

**ANOMALY AREA:** A5

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 17' | **HOLE DIAMETER: 1.5** in |
|---|---|---|

| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 8.5' |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 8-10' | 18" | 10.3 | GPT S5BA5 108 | Sand: Fine, grey/white, saturated |
| | 15-17' | 24" | 0.3 background | GPT S5BA5115 | Sand: Fine, brown/red, saturated dark oil-like liquid |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| | | |
|---|---|---|
| **SOIL BORING NO.:** A5-3 | **SITE:** 5 | **DRILLING CONTRACTOR:** Bhate |

| | | |
|---|---|---|
| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12/5/96 (7:45) | **DATE COMPLETED:** 12/5/96 (8:35) |

**ANOMALY AREA:** A5

| | | |
|---|---|---|
| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 15.0' | **HOLE DIAMETER: 1.5** in |

| | |
|---|---|
| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 8.5 |

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** (ft) | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 6-8 | 16" | HNU 2.9<br>RAE 25.0 | GPT S5<br>BA5306 | Sand: Fine, reddish, moist |
| | 13-15 | 24" | HNU 0.6<br>RAE 21.1 | GPT S5<br>BA5313 | Sand: Fine reddish/brown, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A5-5 | **SITE:** 5 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12/5/96 (0:40) | **DATE COMPLETED:** 12/5/96 (11:20) |
|---|---|---|

**ANOMALY AREA:** A5

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 14.5 | **HOLE DIAMETER: 1.5** in |
|---|---|---|

| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 7.5' |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 5.5-7.5 | 18" | HNU 2.2 | GPT S5 BA5505 | Sand: Fine, grey/white moist, yellow streak |
| | 13-14.5 | 18" | HNU 0.9 | GPT S5 BA5513 | Sand: Fine, reddish/brown, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A6-2 | **SITE:** 5 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12/10/96 (9:37) | **DATE COMPLETED:** 12/10/96 (10:05) |
|---|---|---|

**ANOMALY AREA:** A6

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 15.0' | **HOLE DIAMETER:** 1.5 in |
|---|---|---|

| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 8.0' |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 5.5 - 7.5' | 12" (soft) | HNU 2.1 | GPT S5 BA6205 | Sand: Medium, grey, moist |
| | 13.0 - 15.0' | 24" | HNU 0.4 | GPT S5 BA6213 | Sand: Medium, dark brown, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A6-4 | **SITE:** 5 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12/10/96 (7:20) | **DATE COMPLETED:** 12/10/96 (8:10) |
|---|---|---|

**ANOMALY AREA:** A6

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 14.5' | **HOLE DIAMETER: 1.5** in |
|---|---|---|

**LOGGED BY:** Matt Thomas

**DEPTH TO WATER (ft bgs):** 7.5'

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 5.5 - 7.5' | 20" | HNU 1.3 | GPT S5 BA6405 | Sand: Medium, dark brown, very moist |
| | 12.5 - 14.5' | 24" | HNU 0.3 | GPT S5 BA6412 | Sand: Medium, dark brown, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A6-6 | **SITE:** 5 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12/9/96 (9:48) | **DATE COMPLETED:** 12/9/96 (10:22) |
|---|---|---|

**ANOMALY AREA:** A6

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 15.0' | **HOLE DIAMETER:** 1.5 in |
|---|---|---|

| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 8.0' |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 6 - 8' | 18" | HNU 11.0 | GPT S5 BA6606 | Sand: Medium, dark brown, saturated @ tip |
| | 13 - 15' | 24" | HNU 0.8 | GPT S5 BA6613 | Sand: Medium, reddish brown, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A9-2 | **SITE:** 5 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Georprobe 4220 | **START DATE:** 12/11/96 (9:12) | **DATE COMPLETED:** 12/11/96 (10:00) |
|---|---|---|

**ANOMALY AREA:** A9

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 16.0' | **HOLE DIAMETER: 1.5** in |
|---|---|---|

| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 8.5' |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 6 - 8.0' | 18" | FID 100 | GPT S5 BA9206 | Sand: Medium, reddish dark gray, moist |
| | 14 - 16.0' | 24" | FID 3.0 | GPT S5 BA9214 | Sand: Medium/fine, dark brown saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A9-4 | **SITE:** 5 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12/10/96 (3:30) | **DATE COMPLETED:** |
|---|---|---|

**ANOMALY AREA:** A10

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 15.0' | **HOLE DIAMETER:** 1.5 in |
|---|---|---|

| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 9.0' |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 5.5 - 7.5' | 18" | HNU 1.9 | GPT S5 BA9405 | Sand: Medium, gray, moist |
| | 13.0 - 15.0' | 23" | HUN 0.4 | GPT S5 BA9413 | Sand: Fine, dark brown, saturated |
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**GENERAL NOTES:**

# SOIL BORING LOG

**SITE:** CBC Gulfport

**TASK:** Soil Boring Installation

| **SOIL BORING NO.:** A10-1 | **SITE:** 5 | **DRILLING CONTRACTOR:** Bhate |
|---|---|---|

| **DRILLING MAKE and MODEL:** Geoprobe 4220 | **START DATE:** 12/9/96 (7:25) | **DATE COMPLETED:** 12/9/96 (8:13) |
|---|---|---|

**ANOMALY AREA:** A10

| **GROUND ELEVATION (ft. MSL):** | **TOTAL DEPTH (ft):** 15.0' | **HOLE DIAMETER:** 1.5 in |
|---|---|---|

| **LOGGED BY:** Matt Thomas | **DEPTH TO WATER (ft bgs):** 8.5' |
|---|---|

| **Depth below surface (ft)** | **SAMPLE** | | | | **Description: Name, grain size distribution, color, moisture content, density, unusual observation (staining, odor, etc.)** |
|---|---|---|---|---|---|
| | **Sample Interval** | **Recovery (Inches)** | **PID Result (ppm)** | **Sample I.D. (Offsite analysis)** | |
| | 6 - 8' | 18" | HNU 9.9 | GPT S5 BA10106 | Sand: Medium, tan, moist |
| | 13 - 15' | 24" | HNU 0.4 | GPT S5 BA10113 | Sand: Medium, brown, saturated |
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**GENERAL NOTES:**

# APPENDIX E
# SUMMARY OF ANALYTICAL RESULTS

## APPENDIX E
## SUMMARY OF ANALYTICAL RESULTS

### INDEX


1. Gulfport Site 1, Analytical Sampling Results . . . . . 44 Pages
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4. Gulfport Site 1, Calculated 2, 3, 7, 8 - TCDD, Toxicity Equivalency Factors Summary . . . 2 Pages
5. Gulfport Site 5, Calculated 2, 3, 7, 8 - TCDD, Toxicity Equivalency Factors Summary . . . . 1 Page

# Gulfpo te 1
## Analytical Sampling Results

| Method | Compound | Units | GPTS1BA1004 12/14/96 | GPTS1BA1011 12/14/96 | GPTS1BA1102 12/12/96 | GPTS1BA1109 12/12/96 | GPTS1BA1202 12/13/96 | GPTS1BA1209 12/13/96 |
|---|---|---|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | 0.510B | 3.200 | 0.400U* | 0.430B* | 0.380U* | 0.390U* |
| SW6010 | BARIUM | MGKG | 7.700 | 0.480B | 7.000 | 20.300 | 0.440B | 0.590B |
| SW6010 | CADMIUM | MGKG | 0.050U | 0.050U | 0.050U | 0.050U | 0.050U | 0.050U |
| SW6010 | CHROMIUM | MGKG | 3.200 | 0.750B | 1.900 * | 6.100 * | 0.520B* | 5.100 * |
| SW6010 | LEAD | MGKG | 2.100 | 0.630 | 1.100 * | 4.200 * | 0.490 * | 1.200 * |
| SW6010 | SELENIUM | MGKG | 0.350U | 0.360U | 0.370U | 0.370U | 0.350U | 0.360U |
| SW6010 | SILVER | MGKG | 0.220U | 0.230U | 0.230U | 0.240U | 0.220U | 0.230U |
| SW7471 | MERCURY | MGKG | 0.040U | 0.040U | 0.270 | 0.040U | 0.040U | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | UGKG | 2.900U | 3.000U | 3.000U | 3.000U | 2.900U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 2.900U | 3.000U | 3.000U | 3.000U | 3.700 | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 2.900U | 3.000U | 3.000U | 3.000U | 2.900U | 3.000U |
| SW8080 | ALDRIN | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.500U | 1.500U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.500U | 1.500U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.500U | 1.500U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.500U | 1.500U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.500U | 1.500U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 2.900U | 3.000U | 3.000U | 3.000U | 2.900U | 3.000U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.500U | 1.500U |
| SW8080 | DIELDRIN | UGKG | 2.900U | 3.000U | 3.000U | 3.000U | 2.900U | 3.000U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 2.900U | 3.000U | 3.000U | 3.000U | 2.900U | 3.000U |
| SW8080 | ENDRIN | UGKG | 2.900U | 3.000U | 3.000U | 3.000U | 2.900U | 3.000U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 2.900U | 3.000U | 3.000U | 3.000U | 2.900U | 3.000U |
| SW8080 | ENDRIN KETONE | UGKG | 2.900U | 3.000U | 3.000U | 3.000U | 2.900U | 3.000U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.500U | 1.500U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.500U | 1.500U |
| SW8080 | HEPTACHLOR | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.500U | 1.500U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.500U | 1.500U |
| SW8080 | METHOXYCHLOR | UGKG | 15.000U | 16.000U | 16.000U | 16.000U | 15.000U | 15.000U |
| SW8080 | PCB 1016 | UGKG | 38.000U | 40.000U | 40.000U | 40.000U | 38.000U | 39.000U |
| SW8080 | PCB 1221 | UGKG | 38.000U | 40.000U | 40.000U | 40.000U | 38.000U | 39.000U |
| SW8080 | PCB 1232 | UGKG | 38.000U | 40.000U | 40.000U | 40.000U | 38.000U | 39.000U |
| SW8080 | PCB 1242 | UGKG | 38.000U | 40.000U | 40.000U | 40.000U | 38.000U | 39.000U |
| SW8080 | PCB 1248 | UGKG | 38.000U | 40.000U | 40.000U | 40.000U | 38.000U | 39.000U |
| SW8080 | PCB 1254 | UGKG | 77.000U | 82.000U | 82.000U | 82.000U | 78.000U | 80.000U |
| SW8080 | PCB 1260 | UGKG | 77.000U | 82.000U | 82.000U | 82.000U | 78.000U | 80.000U |
| SW8080 | TOXAPHENE | UGKG | 95.000U | 100.000U | 100.000U | 100.000U | 96.000U | 99.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 18.000U | 20.000U | 20.000U | 20.000U | 19.000U | 19.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 115.000U | 122.000U | 122.000U | 122.000U | 116.000U | 119.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 71.000U | 76.000U | 76.000U | 76.000U | 72.000U | 74.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 43.000U | 45.000U | 45.000U | 45.000U | 43.000U | 44.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 61.000U | 65.000U | 65.000U | 65.000U | 62.000U | 63.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 26.000U | 28.000U | 28.000U | 28.000U | 27.000U | 27.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 16.000U | 17.000U | 17.000U | 17.000U | 16.000U | 17.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1610.000U | 1710.000U | 1700.000U | 1710.000U | 1630.000U | 1670.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3450.000U | 3660.000U | 3660.000U | 3660.000U | 3490.000U | 3570.000U |

## Gulf Site 1
## Analytical Sampling Results

| Method | Compound | Units | GPTS1BA1004 12/14/96 | GPTS1BA1011 12/14/96 | GPTS1BA1102 12/12/96 | GPTS1BA1109 12/12/96 | GPTS1BA1202 12/13/96 | GPTS1BA1209 12/13/96 |
|---|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 1800.000U | 2000.000U | 2000.000U | 2000.000U | 1900.000U | 1900.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 1800.000U | 2000.000U | 2000.000U | 2000.000U | 1900.000U | 1900.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 1800.000U | 2000.000U | 2000.000U | 2000.000U | 1900.000U | 1900.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | 2-NITROANILINE | UGKG | 1800.000U | 2000.000U | 2000.000U | 2000.000U | 1900.000U | 1900.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 760.000U | 800.000U | 800.000U | 800.000U | 770.000U | 780.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 150.000J | 390.000U |
| SW8270 | 3-NITROANILINE | UGKG | 1800.000U | 2000.000U | 2000.000U | 2000.000U | 1900.000U | 1900.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | 4-NITROANILINE | UGKG | 1800.000U | 2000.000U | 2000.000U | 2000.000U | 1900.000U | 1900.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 1800.000U | 2000.000U | 2000.000U | 2000.000U | 1900.000U | 1900.000U |
| SW8270 | CARBAZOLE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | FLUORENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | ACENAPHTHENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | ANTHRACENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 72.000J | 390.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 76.000J | 390.000U |
| SW8270 | PYRENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 120.000J | 390.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 51.000J | 390.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | BENZOIC ACID | UGKG | 170.000J | 51.000J | 2000.000U | 2000.000U | 1900.000U | 1900.000U |
| SW8270 | BENZYL ALCOHOL | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 110.000J | 48.000J | 400.000U | 60.000J | 58.000J | 390.000U |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | CHRYSENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 100.000J | 390.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | DIBENZOFURAN | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 380.000U | 390.000U |

## Gulf Site 1
## Analytical Sampling Results

| Method | Compound | Units | GPTS1BA1302 12/13/96 | GPTS1BA1310 12/13/96 | GPTS1BA1402 12/13/96 | GPTS1BA1410 12/13/96 | GPTS1BA1502 12/12/96 | GPTS1BA1509 12/12/96 |
|---|---|---|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | 0.380U* | 1.600 * | 0.390U | 0.830B | 0.400B* | 0.540B* |
| SW6010 | BARIUM | MGKG | 6.600 | 0.730B | 8.400 | 0.830B | 6.300 | 0.820B |
| SW6010 | CADMIUM | MGKG | 0.050U | 0.050U | 0.130B | 0.050U | 0.050U | 0.050U |
| SW6010 | CHROMIUM | MGKG | 2.900 * | 3.100 * | 4.000 | 2.300 | 3.400 * | 1.900 * |
| SW6010 | LEAD | MGKG | 1.500 * | 1.500 * | 25.900 | 1.400 | 1.500 * | 0.700 * |
| SW6010 | SELENIUM | MGKG | 0.350U | 0.370U | 0.350U | 0.390U | 0.350U | 0.390U |
| SW6010 | SILVER | MGKG | 0.220U | 0.230U | 0.220U | 0.250U | 0.220U | 0.250U |
| SW7471 | MERCURY | MGKG | 0.050 | 0.040U | 0.040U | 0.040U | 0.040U | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | UGKG | 2.900U | 3.100U | 2.900U | 3.200U | 2.900U | 3.200U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 2.900U | 3.100U | 2.900U | 3.200U | 2.900U | 3.200U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 2.900U | 3.100U | 2.900U | 3.200U | 2.900U | 3.200U |
| SW8080 | ALDRIN | UGKG | 1.500U | 1.600U | 1.500U | 1.700U | 1.500U | 1.700U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.500U | 1.700U | 1.500U | 1.700U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.500U | 1.600U | 1.500U | 1.700U | 1.500U | 1.700U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.500U | 1.600U | 1.500U | 1.700U | 1.500U | 1.700U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.500U | 1.700U | 1.500U | 1.700U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 2.900U | 3.100U | 2.900U | 3.200U | 2.900U | 3.200U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.500U | 1.700U | 1.500U | 1.700U |
| SW8080 | DIELDRIN | UGKG | 2.900U | 3.100U | 2.900U | 3.200U | 2.900U | 3.200U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 2.900U | 3.100U | 2.900U | 3.200U | 2.900U | 3.200U |
| SW8080 | ENDRIN | UGKG | 2.900U | 3.100U | 2.900U | 3.200U | 2.900U | 3.200U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 2.900U | 3.100U | 2.900U | 3.200U | 2.900U | 3.200U |
| SW8080 | ENDRIN KETONE | UGKG | 2.900U | 3.100U | 2.900U | 3.200U | 2.900U | 3.200U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.500U | 1.600U | 1.500U | 1.700U | 1.500U | 1.700U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.500U | 1.600U | 1.500U | 1.700U | 1.500U | 1.700U |
| SW8080 | HEPTACHLOR | UGKG | 1.500U | 1.600U | 1.500U | 1.700U | 1.500U | 1.700U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.500U | 1.600U | 1.500U | 1.700U | 1.500U | 1.700U |
| SW8080 | METHOXYCHLOR | UGKG | 15.000U | 16.000U | 15.000U | 17.000U | 15.000U | 17.000U |
| SW8080 | PCB 1016 | UGKG | 38.000U | 41.000U | 38.000U | 43.000U | 39.000U | 43.000U |
| SW8080 | PCB 1221 | UGKG | 38.000U | 41.000U | 38.000U | 43.000U | 39.000U | 43.000U |
| SW8080 | PCB 1232 | UGKG | 38.000U | 41.000U | 38.000U | 43.000U | 39.000U | 43.000U |
| SW8080 | PCB 1242 | UGKG | 38.000U | 41.000U | 38.000U | 43.000U | 39.000U | 43.000U |
| SW8080 | PCB 1248 | UGKG | 38.000U | 41.000U | 38.000U | 43.000U | 39.000U | 43.000U |
| SW8080 | PCB 1254 | UGKG | 78.000U | 83.000U | 78.000U | 87.000U | 79.000U | 87.000U |
| SW8080 | PCB 1260 | UGKG | 78.000U | 83.000U | 78.000U | 87.000U | 79.000U | 87.000U |
| SW8080 | TOXAPHENE | UGKG | 96.000U | 100.000U | 96.000U | 110.000U | 98.000U | 110.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 19.000U | 20.000U | 19.000U | 21.000U | 21.000U | 19.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 116.000U | 123.000U | 116.000U | 130.000U | 130.000U | 118.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 72.000U | 77.000U | 72.000U | 81.000U | 81.000U | 73.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 43.000U | 46.000U | 43.000U | 48.000U | 48.000U | 44.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 62.000U | 65.000U | 62.000U | 69.000U | 69.000U | 62.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 27.000U | 28.000U | 27.000U | 30.000U | 30.000U | 27.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 16.000U | 17.000U | 16.000U | 18.000U | 18.000U | 16.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1630.000U | 1730.000U | 1630.000U | 1820.000U | 1820.000U | 1650.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3490.000U | 3700.000U | 3490.000U | 3900.000U | 3900.000U | 3530.000U |

## Gul' Site 1
## Analytical Sampling Results

| Method | Compound | Units | GPTS1BA1302 12/13/96 | GPTS1BA1310 12/13/96 | GPTS1BA1402 12/13/96 | GPTS1BA1410 12/13/96 | GPTS1BA1502 12/12/96 | GPTS1BA1509 12/12/96 |
|---|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 1900.000U | 2000.000U | 1900.000U | 2100.000U | 1900.000U | 2100.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 1900.000U | 2000.000U | 1900.000U | 2100.000U | 1900.000U | 2100.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 1900.000U | 2000.000U | 1900.000U | 2100.000U | 1900.000U | 2100.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | 2-NITROANILINE | UGKG | 1900.000U | 2000.000U | 1900.000U | 2100.000U | 1900.000U | 2100.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 770.000U | 810.000U | 770.000U | 860.000U | 780.000U | 860.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | 3-NITROANILINE | UGKG | 1900.000U | 2000.000U | 1900.000U | 2100.000U | 1900.000U | 2100.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | 4-NITROANILINE | UGKG | 1900.000U | 2000.000U | 1900.000U | 2100.000U | 1900.000U | 2100.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 1900.000U | 2000.000U | 1900.000U | 2100.000U | 1900.000U | 2100.000U |
| SW8270 | CARBAZOLE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | FLUORENE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | ACENAPHTHENE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | ANTHRACENE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| W8270 | PYRENE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| W8270 | BENZO[GHI]PERYLENE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| W8270 | BENZO[K]FLUORANTHENE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| V8270 | BENZOIC ACID | UGKG | 1900.000U | 2000.000U | 91.000J | 50.000J | 120.000J | 180.000J |
| V8270 | BENZYL ALCOHOL | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| V8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| V8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| V8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| V8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 380.000U | 410.000U | 380.000U | 200.000J | 130.000J | 120.000J |
| /8270 | BUTYLBENZYL PHTHALATE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| /8270 | CHRYSENE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| /8270 | DI-N-BUTYL PHTHALATE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| 8270 | DI-N-OCTYL PHTHALATE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| 8270 | DIBENZOFURAN | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| 8270 | DIETHYL PHTHALATE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |
| 3270 | DIMETHYL PHTHALATE | UGKG | 380.000U | 410.000U | 380.000U | 430.000U | 390.000U | 430.000U |

# Gulf Site 1
## Analytical Sampling Results

| Method | Compound | Units | GPTS1BA1602 12/13/96 | GPTS1BA1609 12/13/96 | GPTS1BA1702 12/13/96 | GPTS1BA1710 12/13/96 | GPTS1BA1804 12/13/96 | GPTS1BA1811 12/13/96 |
|---|---|---|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | 0.390U | 1.200B | 0.380U | 0.400U | 0.550B | 1.700 |
| SW6010 | BARIUM | MGKG | 4.200 | 1.400 | 30.300 | 0.640B | 14.400 | 0.770B |
| SW6010 | CADMIUM | MGKG | 0.050U | 0.050U | 0.050U | 0.050U | 0.050U | 0.060U |
| SW6010 | CHROMIUM | MGKG | 2.600 | 1.500 | 4.600 | 1.900 | 4.300 | 1.700 |
| SW6010 | LEAD | MGKG | 2.400 | 1.200 | 4.300 | 0.430 | 2.900 | 0.930 |
| SW6010 | SELENIUM | MGKG | 0.350U | 0.370U | 0.340U | 0.360U | 0.340U | 0.430U |
| SW6010 | SILVER | MGKG | 0.220U | 0.240U | 0.220U | 0.230U | 0.220U | 0.270U |
| SW7471 | MERCURY | MGKG | 0.040U | 0.040U | 0.040U | 0.040U | 0.040 | 0.050U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | UGKG | 2.900U | 3.100U | 2.900U | 3.000U | 2.800U | 3.600U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 2.900U | 3.100U | 2.900U | 3.000U | 2.800U | 3.600U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 2.900U | 3.100U | 2.900U | 3.000U | 2.800U | 3.600U |
| SW8080 | ALDRIN | UGKG | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.900U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.900U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.900U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.900U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.900U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 2.900U | 3.100U | 2.900U | 3.000U | 2.800U | 3.600U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.900U |
| SW8080 | DIELDRIN | UGKG | 2.900U | 3.100U | 2.900U | 3.000U | 2.800U | 3.600U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 2.900U | 3.100U | 2.900U | 3.000U | 2.800U | 3.600U |
| SW8080 | ENDRIN | UGKG | 2.900U | 3.100U | 2.900U | 3.000U | 2.800U | 3.600U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 2.900U | 3.100U | 2.900U | 3.000U | 2.800U | 3.600U |
| SW8080 | ENDRIN KETONE | UGKG | 2.900U | 3.100U | 2.900U | 3.000U | 2.800U | 3.600U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.900U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.900U |
| SW8080 | HEPTACHLOR | UGKG | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.900U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.900U |
| SW8080 | METHOXYCHLOR | UGKG | 15.000U | 16.000U | 15.000U | 16.000U | 15.000U | 19.000U |
| SW8080 | PCB 1016 | UGKG | 38.000U | 41.000U | 38.000U | 40.000U | 38.000U | 48.000U |
| SW8080 | PCB 1221 | UGKG | 38.000U | 41.000U | 38.000U | 40.000U | 38.000U | 48.000U |
| SW8080 | PCB 1232 | UGKG | 38.000U | 41.000U | 38.000U | 40.000U | 38.000U | 48.000U |
| SW8080 | PCB 1242 | UGKG | 38.000U | 41.000U | 38.000U | 40.000U | 38.000U | 48.000U |
| SW8080 | PCB 1248 | UGKG | 38.000U | 41.000U | 38.000U | 40.000U | 38.000U | 48.000U |
| SW8080 | PCB 1254 | UGKG | 78.000U | 84.000U | 77.000U | 82.000U | 76.000U | 97.000U |
| SW8080 | PCB 1260 | UGKG | 78.000U | 84.000U | 77.000U | 82.000U | 76.000U | 97.000U |
| SW8080 | TOXAPHENE | UGKG | 96.000U | 100.000U | 95.000U | 100.000U | 94.000U | 120.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 19.000U | 20.000U | 18.000U | 20.000U | 20.000U | 23.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 116.000U | 125.000U | 115.000U | 122.000U | 122.000U | 145.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 72.000U | 78.000U | 71.000U | 76.000U | 76.000U | 90.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 43.000U | 46.000U | 43.000U | 45.000U | 45.000U | 54.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 62.000U | 66.000U | 61.000U | 65.000U | 65.000U | 77.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 27.000U | 29.000U | 26.000U | 28.000U | 28.000U | 33.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 16.000U | 18.000U | 16.000U | 17.000U | 17.000U | 20.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1630.000U | 1750.000U | 1610.000U | 1710.000U | 1710.000U | 2030.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3490.000U | 3750.000U | 3450.000U | 3660.000U | 3660.000U | 4350.000U |

## Gulf Site 1
## Analytical Sampling Results

| Method | Compound | Units | GPTS1BA1602 12/13/96 | GPTS1BA1609 12/13/96 | GPTS1BA1702 12/13/96 | GPTS1BA1710 12/13/96 | GPTS1BA1804 12/13/96 | GPTS1BA1811 12/13/96 |
|---|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U | 2300.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U | 2300.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U | 2300.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | 2-NITROANILINE | UGKG | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U | 2300.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 770.000U | 820.000U | 760.000U | 800.000U | 750.000U | 960.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | 3-NITROANILINE | UGKG | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U | 2300.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | 4-NITROANILINE | UGKG | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U | 2300.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U | 2300.000U |
| SW8270 | CARBAZOLE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | FLUORENE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | ACENAPHTHENE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | ANTHRACENE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | PYRENE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | BENZOIC ACID | UGKG | 110.000J | 110.000J | 1800.000U | 2000.000U | 48.000J | 94.000J |
| SW8270 | BENZYL ALCOHOL | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 41.000J | 60.000J | 380.000U | 66.000J | 380.000U | 58.000J |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | CHRYSENE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | DIBENZOFURAN | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 380.000U | 410.000U | 380.000U | 400.000U | 380.000U | 480.000U |

## Gulfp ite 1
## Analytical Sampling Results

| Method | Compound | Units | GPTS1BA1904 12/14/96 | GPTS1BA1911 12/14/96 | GPTS1BA2103 12/16/96 | GPTS1BA2110 12/16/96 | GPTS1BA2203 12/16/96 | GPTS1BA2210 12/16/96 |
|---|---|---|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | 0.380U | 2.300 | 0.400U | 0.440U | 0.410U | 0.400U |
| SW6010 | BARIUM | MGKG | 7.600 | 0.530B | 13.100 | 2.600 | 5.100 | 0.960 |
| SW6010 | CADMIUM | MGKG | 0.050U | 0.050U | 0.050U | 0.050U | 0.050U | 0.050U |
| SW6010 | CHROMIUM | MGKG | 3.100 | 0.510B | 4.500 | 1.200B | 2.600 | 1.400 |
| SW6010 | LEAD | MGKG | 1.500 | 0.650 | 2.100 | 0.910 | 1.900 | 0.970 |
| SW6010 | SELENIUM | MGKG | 0.340U | 0.360U | 0.360U | 0.400U | 0.370U | 0.370U |
| SW6010 | SILVER | MGKG | 0.220U | 0.230U | 0.230U | 0.250U | 0.240U | 0.230U |
| SW7471 | MERCURY | MGKG | 0.040U | 0.040U | 0.040U | 0.040U | 0.040U | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | UGKG | 2.900U | 3.000U | 3.000U | 3.300U | 3.100U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 2.900U | 3.000U | 3.000U | 3.300U | 3.100U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 2.900U | 3.000U | 3.000U | 3.300U | 3.100U | 3.000U |
| SW8080 | ALDRIN | UGKG | 1.500U | 1.600U | 1.600U | 1.700U | 1.600U | 1.600U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.600U | 1.700U | 1.600U | 1.600U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.500U | 1.600U | 1.600U | 1.700U | 1.600U | 1.600U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.500U | 1.600U | 1.600U | 1.700U | 1.600U | 1.600U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.600U | 1.700U | 1.600U | 1.600U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 2.900U | 3.000U | 3.000U | 3.300U | 3.100U | 3.000U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.600U | 1.700U | 1.600U | 1.600U |
| SW8080 | DIELDRIN | UGKG | 2.900U | 3.000U | 3.000U | 3.300U | 3.100U | 3.000U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 2.900U | 3.000U | 3.000U | 3.300U | 3.100U | 3.000U |
| SW8080 | ENDRIN | UGKG | 2.900U | 3.000U | 3.000U | 3.300U | 3.100U | 3.000U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 2.900U | 3.000U | 3.000U | 3.300U | 3.100U | 3.000U |
| SW8080 | ENDRIN KETONE | UGKG | 2.900U | 3.000U | 3.000U | 3.300U | 3.100U | 3.000U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.500U | 1.600U | 1.600U | 1.700U | 1.600U | 1.600U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.500U | 1.600U | 1.600U | 1.700U | 1.600U | 1.600U |
| SW8080 | HEPTACHLOR | UGKG | 1.500U | 1.600U | 1.600U | 1.700U | 1.600U | 1.600U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.500U | 1.600U | 1.600U | 1.700U | 1.600U | 1.600U |
| SW8080 | METHOXYCHLOR | UGKG | 15.000U | 16.000U | 16.000U | 17.000U | 16.000U | 16.000U |
| SW8080 | PCB 1016 | UGKG | 38.000U | 40.000U | 40.000U | 43.000U | 41.000U | 40.000U |
| SW8080 | PCB 1221 | UGKG | 38.000U | 40.000U | 40.000U | 43.000U | 41.000U | 40.000U |
| SW8080 | PCB 1232 | UGKG | 38.000U | 40.000U | 40.000U | 43.000U | 41.000U | 40.000U |
| SW8080 | PCB 1242 | UGKG | 38.000U | 40.000U | 40.000U | 43.000U | 41.000U | 40.000U |
| SW8080 | PCB 1248 | UGKG | 38.000U | 40.000U | 40.000U | 43.000U | 41.000U | 40.000U |
| SW8080 | PCB 1254 | UGKG | 77.000U | 81.000U | 81.000U | 88.000U | 84.000U | 82.000U |
| SW8080 | PCB 1260 | UGKG | 77.000U | 81.000U | 81.000U | 88.000U | 84.000U | 82.000U |
| SW8080 | TOXAPHENE | UGKG | 95.000U | 100.000U | 100.000U | 110.000U | 100.000U | 100.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 18.000U | 19.000U | 19.000U | 21.000U | 20.000U | 20.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 115.000U | 120.000U | 120.000U | 132.000U | 125.000U | 122.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 71.000U | 75.000U | 75.000U | 82.000U | 78.000U | 76.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 43.000U | 45.000U | 45.000U | 49.000U | 46.000U | 45.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 61.000U | 64.000U | 64.000U | 70.000U | 66.000U | 65.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 26.000U | 28.000U | 28.000U | 30.000U | 29.000U | 28.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 16.000U | 17.000U | 17.000U | 18.000U | 18.000U | 17.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1610.000U | 1690.000U | 1690.000U | 1840.000U | 1750.000U | 1710.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3450.000U | 3610.000U | 3610.000U | 3950.000U | 3750.000U | 3660.000U |

## Gulfp ite 1
## Analytical Sampling Results

| Method | Compound | Units | GPTS1BA1904 12/14/96 | GPTS1BA1911 12/14/96 | GPTS1BA2103 12/16/96 | GPTS1BA2110 12/16/96 | GPTS1BA2203 12/16/96 | GPTS1BA2210 12/16/96 |
|---|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 1800.000U | 1900.000U | 1900.000U | 2100.000U | 2000.000U | 2000.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 1800.000U | 1900.000U | 1900.000U | 2100.000U | 2000.000U | 2000.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 1800.000U | 1900.000U | 1900.000U | 2100.000U | 2000.000U | 2000.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 45.000J | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | 2-NITROANILINE | UGKG | 1800.000U | 1900.000U | 1900.000U | 2100.000U | 2000.000U | 2000.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 760.000U | 800.000U | 800.000U | 880.000U | 820.000U | 800.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | 3-NITROANILINE | UGKG | 1800.000U | 1900.000U | 1900.000U | 2100.000U | 2000.000U | 2000.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | 4-NITROANILINE | UGKG | 1800.000U | 1900.000U | 1900.000U | 2100.000U | 2000.000U | 2000.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 1800.000U | 1900.000U | 1900.000U | 2100.000U | 2000.000U | 2000.000U |
| SW8270 | CARBAZOLE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | FLUORENE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | ACENAPHTHENE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | ANTHRACENE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | PYRENE | UGKG | 42.000J | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | BENZOIC ACID | UGKG | 300.000J | 43.000J | 1900.000U | 2100.000U | 2000.000U | 2000.000U |
| SW8270 | BENZYL ALCOHOL | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 110.000J | 65.000J | 40.000J | 440.000U | 46.000J | 83.000J |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | CHRYSENE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | DIBENZOFURAN | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 380.000U | 400.000U | 400.000U | 440.000U | 410.000U | 400.000U |

## Gulfp ite 1
## Analytical Sampling Results

| Method | Compound | Units | GPTS1BA2303 12/16/96 | GPTS1BA2310 12/16/96 | GPTS1BA2403 12/16/96 | GPTS1BA2409 12/16/96 | GPTS1BA2502 12/16/96 | GPTS1BA2509 12/16/96 |
|---|---|---|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | 0.410U | 0.990B | 0.480B | 0.410U | 0.400U | 0.410U |
| SW6010 | BARIUM | MGKG | 0.700B | 0.670B | 2.800 | 0.750B | 1.700 | 0.410B |
| SW6010 | CADMIUM | MGKG | 0.050U | 0.050U | 0.050U | 0.050U | 0.050U | 0.050U |
| SW6010 | CHROMIUM | MGKG | 1.100B | 0.610B | 3.100 | 0.790B | 3.900 | 1.400 |
| SW6010 | LEAD | MGKG | 0.860 | 1.100 | 1.000 | 0.450 | 1.100 | 0.820 |
| SW6010 | SELENIUM | MGKG | 0.370U | 0.370U | 0.370U | 0.380U | 0.360U | 0.370U |
| SW6010 | SILVER | MGKG | 0.240U | 0.230U | 0.240U | 0.240U | 0.230U | 0.230U |
| SW7471 | MERCURY | MGKG | 0.040U | 0.040U | 0.040U | 0.040U | 0.040U | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | UGKG | 3.100U | 3.100U | 3.100U | 3.100U | 3.000U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 3.100U | 3.100U | 3.100U | 3.100U | 3.000U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 3.100U | 3.100U | 3.100U | 3.100U | 3.000U | 3.000U |
| SW8080 | ALDRIN | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 3.100U | 3.100U | 3.100U | 3.100U | 3.000U | 3.000U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U |
| SW8080 | DIELDRIN | UGKG | 3.100U | 3.100U | 3.100U | 3.100U | 3.000U | 3.000U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 3.100U | 3.100U | 3.100U | 3.100U | 3.000U | 3.000U |
| SW8080 | ENDRIN | UGKG | 3.100U | 3.100U | 3.100U | 3.100U | 3.000U | 3.000U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 3.100U | 3.100U | 3.100U | 3.100U | 3.000U | 3.000U |
| SW8080 | ENDRIN KETONE | UGKG | 3.100U | 3.100U | 3.100U | 3.100U | 3.000U | 3.000U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U |
| SW8080 | HEPTACHLOR | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U | 1.600U |
| SW8080 | METHOXYCHLOR | UGKG | 16.000U | 16.000U | 16.000U | 16.000U | 16.000U | 16.000U |
| SW8080 | PCB 1016 | UGKG | 41.000U | 41.000U | 41.000U | 41.000U | 40.000U | 40.000U |
| SW8080 | PCB 1221 | UGKG | 41.000U | 41.000U | 41.000U | 41.000U | 40.000U | 40.000U |
| SW8080 | PCB 1232 | UGKG | 41.000U | 41.000U | 41.000U | 41.000U | 40.000U | 40.000U |
| SW8080 | PCB 1242 | UGKG | 41.000U | 41.000U | 41.000U | 41.000U | 40.000U | 40.000U |
| SW8080 | PCB 1248 | UGKG | 41.000U | 41.000U | 41.000U | 41.000U | 40.000U | 40.000U |
| SW8080 | PCB 1254 | UGKG | 84.000U | 83.000U | 83.000U | 84.000U | 82.000U | 82.000U |
| SW8080 | PCB 1260 | UGKG | 84.000U | 83.000U | 83.000U | 84.000U | 82.000U | 82.000U |
| SW8080 | TOXAPHENE | UGKG | 100.000U | 100.000U | 100.000U | 100.000U | 100.000U | 100.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 20.000U | 20.000U | 20.000U | 20.000U | 20.000U | 20.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 125.000U | 123.000U | 123.000U | 125.000U | 122.000U | 123.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 78.000U | 77.000U | 77.000U | 78.000U | 76.000U | 77.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 46.000U | 46.000U | 46.000U | 46.000U | 45.000U | 46.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 66.000U | 65.000U | 65.000U | 66.000U | 65.000U | 65.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 29.000U | 28.000U | 28.000U | 29.000U | 28.000U | 28.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 18.000U | 17.000U | 17.000U | 18.000U | 17.000U | 17.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1750.000U | 1730.000U | 1730.000U | 1750.000U | 1710.000U | 1730.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3750.000U | 3700.000U | 3700.000U | 3750.000U | 3660.000U | 3700.000U |

## Analytical Sampling Results

| Method | Compound | Units | GPTS1BA2303 12/16/96 | GPTS1BA2310 12/16/96 | GPTS1BA2403 12/16/96 | GPTS1BA2409 12/16/96 | GPTS1BA2502 12/16/96 | GPTS1BA2509 12/16/96 |
|---|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 2000.000U | 2000.000U | 2000.000U | 2000.000U | 2000.000U | 2000.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 2000.000U | 2000.000U | 2000.000U | 2000.000U | 2000.000U | 2000.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 2000.000U | 2000.000U | 2000.000U | 2000.000U | 2000.000U | 2000.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | 2-NITROANILINE | UGKG | 2000.000U | 2000.000U | 2000.000U | 2000.000U | 2000.000U | 2000.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 820.000U | 810.000U | 810.000U | 820.000U | 800.000U | 800.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | 3-NITROANILINE | UGKG | 2000.000U | 2000.000U | 2000.000U | 2000.000U | 2000.000U | 2000.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | 4-NITROANILINE | UGKG | 2000.000U | 2000.000U | 2000.000U | 2000.000U | 2000.000U | 2000.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 2000.000U | 2000.000U | 2000.000U | 2000.000U | 2000.000U | 2000.000U |
| SW8270 | CARBAZOLE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | FLUORENE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | ACENAPHTHENE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | ANTHRACENE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | PYRENE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | BENZOIC ACID | UGKG | 2000.000U | 2000.000U | 2000.000U | 54.000J | 46.000J | 2000.000U |
| SW8270 | BENZYL ALCOHOL | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 64.000J | 410.000U | 410.000U | 59.000J | 400.000U | 390.000J |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | CHRYSENE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | DIBENZOFURAN | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 410.000U | 410.000U | 410.000U | 410.000U | 400.000U | 400.000U |

## Gulfp[illegible]ite 1
## Analytical Sampling Results

| Method | Compound | Units | GPTS1BA3103 12/16/96 | GPTS1BA3110 12/16/96 | GPTS1BA3203 12/16/96 | GPTS1BA3211 12/16/96 | GPTS1BA3303 12/15/96 | GPTS1BA3310 12/15/96 |
|---|---|---|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | 0.360U | 1.500 | 0.410U | 0.980B | 0.390U | 1.300 |
| SW6010 | BARIUM | MGKG | 6.600 | 0.520B | 0.820B | 0.530B | 0.770B | 0.500B |
| SW6010 | CADMIUM | MGKG | 0.040U | 0.050U | 0.050U | 0.050U | 0.050U | 0.050U |
| SW6010 | CHROMIUM | MGKG | 2.800 | 1.200B | 2.400 | 0.540B | 2.700 | 0.900B |
| SW6010 | LEAD | MGKG | 1.900 | 1.300 | 1.100 | 0.640 | 1.600 | 0.600 |
| SW6010 | SELENIUM | MGKG | 0.330U | 0.370U | 0.370U | 0.360U | 0.400B | 0.370U |
| SW6010 | SILVER | MGKG | 0.210U | 0.230U | 0.230U | 0.230U | 0.230U | 0.230U |
| SW7471 | MERCURY | MGKG | 0.040U | 0.040U | 0.040U | 0.040U | 0.040U | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | UGKG | 2.700U | 3.000U | 3.100U | 3.000U | 3.000U | 3.100U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 2.700U | 3.000U | 3.100U | 3.000U | 3.000U | 3.100U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 2.700U | 3.000U | 3.100U | 3.000U | 3.000U | 3.100U |
| SW8080 | ALDRIN | UGKG | 1.400U | 1.600U | 1.600U | 1.600U | 1.500U | 1.600U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.400U | 1.600U | 1.600U | 1.600U | 1.500U | 1.600U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.400U | 1.600U | 1.600U | 1.600U | 1.500U | 1.600U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.400U | 1.600U | 1.600U | 1.600U | 1.500U | 1.600U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.400U | 1.600U | 1.600U | 1.600U | 1.500U | 1.600U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 2.700U | 3.000U | 3.100U | 3.000U | 3.000U | 3.100U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.400U | 1.600U | 1.600U | 1.600U | 1.500U | 1.600U |
| SW8080 | DIELDRIN | UGKG | 2.700U | 3.000U | 3.100U | 3.000U | 3.000U | 3.100U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 2.700U | 3.000U | 3.100U | 3.000U | 3.000U | 3.100U |
| SW8080 | ENDRIN | UGKG | 2.700U | 3.000U | 3.100U | 3.000U | 3.000U | 3.100U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 2.700U | 3.000U | 3.100U | 3.000U | 3.000U | 3.100U |
| SW8080 | ENDRIN KETONE | UGKG | 2.700U | 3.000U | 3.100U | 3.000U | 3.000U | 3.100U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.400U | 1.600U | 1.600U | 1.600U | 1.500U | 1.600U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.400U | 1.600U | 1.600U | 1.600U | 1.500U | 1.600U |
| SW8080 | HEPTACHLOR | UGKG | 1.400U | 1.600U | 1.600U | 1.600U | 1.500U | 1.600U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.400U | 1.600U | 1.600U | 1.600U | 1.500U | 1.600U |
| SW8080 | METHOXYCHLOR | UGKG | 14.000U | 16.000U | 16.000U | 16.000U | 15.000U | 16.000U |
| SW8080 | PCB 1016 | UGKG | 36.000U | 40.000U | 41.000U | 40.000U | 39.000U | 41.000U |
| SW8080 | PCB 1221 | UGKG | 36.000U | 40.000U | 41.000U | 40.000U | 39.000U | 41.000U |
| SW8080 | PCB 1232 | UGKG | 36.000U | 40.000U | 41.000U | 40.000U | 39.000U | 41.000U |
| SW8080 | PCB 1242 | UGKG | 36.000U | 40.000U | 41.000U | 40.000U | 39.000U | 41.000U |
| SW8080 | PCB 1248 | UGKG | 36.000U | 40.000U | 41.000U | 40.000U | 39.000U | 41.000U |
| SW8080 | PCB 1254 | UGKG | 74.000U | 82.000U | 83.000U | 81.000U | 80.000U | 83.000U |
| SW8080 | PCB 1260 | UGKG | 74.000U | 82.000U | 83.000U | 81.000U | 80.000U | 83.000U |
| SW8080 | TOXAPHENE | UGKG | 91.000U | 100.000U | 100.000U | 100.000U | 99.000U | 100.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 18.000U | 20.000U | 20.000U | 19.000U | 18.000U | 20.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 110.000U | 122.000U | 123.000U | 120.000U | 112.000U | 123.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 68.000U | 155.000 | 77.000U | 75.000U | 70.000U | 77.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 41.000U | 232.000 | 46.000U | 45.000U | 42.000U | 46.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 58.000U | 162.000 | 65.000U | 64.000U | 60.000U | 65.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 25.000U | 105.000 | 28.000U | 28.000U | 26.000U | 28.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 15.000U | 17.000U | 17.000U | 17.000U | 16.000U | 17.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1540.000U | 1710.000U | 1730.000U | 1690.000U | 1570.000U | 1730.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3300.000U | 3660.000U | 3700.000U | 3610.000U | 3370.000U | 3700.000U |

## Analytical Sampling Results

| Method | Compound | Units | GPTS1BA3103 12/16/96 | GPTS1BA3110 12/16/96 | GPTS1BA3203 12/16/96 | GPTS1BA3211 12/16/96 | GPTS1BA3303 12/15/96 | GPTS1BA3310 12/15/96 |
|---|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 1800.000U | 2000.000U | 2000.000U | 1900.000U | 1900.000U | 2000.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 1800.000U | 2000.000U | 2000.000U | 1900.000U | 1900.000U | 2000.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 1800.000U | 2000.000U | 2000.000U | 1900.000U | 1900.000U | 2000.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | 2-NITROANILINE | UGKG | 1800.000U | 2000.000U | 2000.000U | 1900.000U | 1900.000U | 2000.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 720.000U | 800.000U | 810.000U | 800.000U | 780.000U | 810.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | 3-NITROANILINE | UGKG | 1800.000U | 2000.000U | 2000.000U | 1900.000U | 1900.000U | 2000.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | 4-NITROANILINE | UGKG | 1800.000U | 2000.000U | 2000.000U | 1900.000U | 1900.000U | 2000.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 1800.000U | 2000.000U | 2000.000U | 1900.000U | 1900.000U | 2000.000U |
| SW8270 | CARBAZOLE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | FLUORENE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | ACENAPHTHENE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | ANTHRACENE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | PYRENE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | BENZOIC ACID | UGKG | 1800.000U | 100.000J | 2000.000U | 1900.000U | 160.000J | 45.000J |
| SW8270 | BENZYL ALCOHOL | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 2100.000 | 140.000J | 410.000U | 460.000 | 390.000U | 60.000J |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | CHRYSENE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | DIBENZOFURAN | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 360.000U | 400.000U | 410.000U | 400.000U | 390.000U | 410.000U |

| Method | Compound | Units | GPTS1BA3403 12/16/96 | GPTS1BA3410 12/16/96 | GPTS1BA3503 12/16/96 | GPTS1BA3510 12/16/96 | GPTS1BA3603 12/14/96 | GPTS1BA3610 12/14/96 |
|---|---|---|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | 0.390B | 3.700 | 1.200 | 1.400 | 0.370U | 1.700 |
| SW6010 | BARIUM | MGKG | 19.300 | 0.920 | 12.300 | 0.720B | 9.600 | 0.440B |
| SW6010 | CADMIUM | MGKG | 0.050U | 0.050U | 0.050U | 0.050U | 0.040U | 0.050U |
| SW6010 | CHROMIUM | MGKG | 1.900 | 0.800B | 3.500 | 0.740B | 2.700 | 0.970B |
| SW6010 | LEAD | MGKG | 1.600 | 0.990 | 2.800 | 0.740 | 2.800 | 0.830 |
| SW6010 | SELENIUM | MGKG | 0.340U | 0.390U | 0.360U | 0.360U | 0.340U | 0.370U |
| SW6010 | SILVER | MGKG | 0.210U | 0.250U | 0.230U | 0.230U | 0.210U | 0.230U |
| SW7471 | MERCURY | MGKG | 0.040U | 0.040U | 0.040U | 0.040U | 0.040U | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | UGKG | 2.800U | 3.300U | 3.000U | 3.000U | 2.800U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 2.800U | 3.300U | 3.000U | 3.000U | 2.800U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 2.800U | 3.300U | 3.000U | 3.000U | 2.800U | 3.000U |
| SW8080 | ALDRIN | UGKG | 1.500U | 1.700U | 1.500U | 1.500U | 1.500U | 1.600U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.700U | 1.500U | 1.500U | 1.500U | 1.600U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.500U | 1.700U | 1.500U | 1.500U | 1.500U | 1.600U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.500U | 1.700U | 1.500U | 1.500U | 1.500U | 1.600U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.700U | 1.500U | 1.500U | 1.500U | 1.600U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 2.800U | 3.300U | 3.000U | 3.000U | 2.800U | 3.000U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.700U | 1.500U | 1.500U | 1.500U | 1.600U |
| SW8080 | DIELDRIN | UGKG | 2.800U | 3.300U | 3.000U | 3.000U | 2.800U | 3.000U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 2.800U | 3.300U | 3.000U | 3.000U | 2.800U | 3.000U |
| SW8080 | ENDRIN | UGKG | 2.800U | 3.300U | 3.000U | 3.000U | 2.800U | 3.000U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 2.800U | 3.300U | 3.000U | 3.000U | 2.800U | 3.000U |
| SW8080 | ENDRIN KETONE | UGKG | 2.800U | 3.300U | 3.000U | 3.000U | 2.800U | 3.000U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.500U | 1.700U | 1.500U | 1.500U | 1.500U | 1.600U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.500U | 1.700U | 1.500U | 1.500U | 1.500U | 1.600U |
| SW8080 | HEPTACHLOR | UGKG | 1.500U | 1.700U | 1.500U | 1.500U | 1.500U | 1.600U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.500U | 1.700U | 1.500U | 1.500U | 1.500U | 1.600U |
| SW8080 | METHOXYCHLOR | UGKG | 15.000U | 17.000U | 15.000U | 15.000U | 15.000U | 16.000U |
| SW8080 | PCB 1016 | UGKG | 37.000U | 43.000U | 39.000U | 39.000U | 37.000U | 39.000U |
| SW8080 | PCB 1221 | UGKG | 37.000U | 43.000U | 39.000U | 39.000U | 37.000U | 39.000U |
| SW8080 | PCB 1232 | UGKG | 37.000U | 43.000U | 39.000U | 39.000U | 37.000U | 39.000U |
| SW8080 | PCB 1242 | UGKG | 37.000U | 43.000U | 39.000U | 39.000U | 37.000U | 39.000U |
| SW8080 | PCB 1248 | UGKG | 37.000U | 43.000U | 39.000U | 39.000U | 37.000U | 39.000U |
| SW8080 | PCB 1254 | UGKG | 75.000U | 88.000U | 80.000U | 80.000U | 75.000U | 79.000U |
| SW8080 | PCB 1260 | UGKG | 75.000U | 88.000U | 80.000U | 80.000U | 75.000U | 79.000U |
| SW8080 | TOXAPHENE | UGKG | 93.000U | 110.000U | 99.000U | 99.000U | 93.000U | 100.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 18.000U | 21.000U | 19.000U | 19.000U | 18.000U | 20.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 112.000U | 132.000U | 119.000U | 120.000U | 112.000U | 122.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 70.000U | 82.000U | 74.000U | 75.000U | 70.000U | 176.000 |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 42.000U | 49.000U | 44.000U | 45.000U | 42.000U | 284.000 |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 60.000U | 70.000U | 63.000U | 64.000U | 60.000U | 192.000 |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 26.000U | 30.000U | 27.000U | 28.000U | 26.000U | 105.000 |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 16.000U | 18.000U | 17.000U | 17.000U | 16.000U | 17.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1570.000U | 1840.000U | 1670.000U | 1690.000U | 1570.000U | 111.000J |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3370.000U | 3950.000U | 3590.000U | 3610.000U | 3370.000U | 3660.000U |

## Gulfp[illegible] Site 1
## Analytical S[illegible]pling Results

| Method | Compound | Units | GPTS1BA3403 12/16/96 | GPTS1BA3410 12/16/96 | GPTS1BA3503 12/16/96 | GPTS1BA3510 12/16/96 | GPTS1BA3603 12/14/96 | GPTS1BA3610 12/14/96 |
|---|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 1800.000U | 2100.000U | 1900.000U | 1900.000U | 1800.000U | 2000.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 1800.000U | 2100.000U | 1900.000U | 1900.000U | 1800.000U | 2000.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 1800.000U | 2100.000U | 1900.000U | 1900.000U | 1800.000U | 2000.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | 2-NITROANILINE | UGKG | 1800.000U | 2100.000U | 1900.000U | 1900.000U | 1800.000U | 2000.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 740.000U | 870.000U | 780.000U | 780.000U | 740.000U | 800.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | 3-NITROANILINE | UGKG | 1800.000U | 2100.000U | 1900.000U | 1900.000U | 1800.000U | 2000.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | 4-NITROANILINE | UGKG | 1800.000U | 2100.000U | 1900.000U | 1900.000U | 1800.000U | 2000.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 1800.000U | 2100.000U | 1900.000U | 1900.000U | 1800.000U | 2000.000U |
| SW8270 | CARBAZOLE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | FLUORENE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | ACENAPHTHENE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | ANTHRACENE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | PYRENE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | BENZOIC ACID | UGKG | 1800.000U | 67.000J | 90.000J | 72.000J | 330.000J | 150.000J |
| SW8270 | BENZYL ALCOHOL | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 49.000J | 320.000J | 100.000J | 110.000J | 63.000J | 100.000J |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | CHRYSENE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | DIBENZOFURAN | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 370.000U | 430.000U | 390.000U | 390.000U | 370.000U | 400.000U |

## Analytical Sampling Results

| Method | Compound | Units | GPTS1BA3702 12/14/96 | GPTS1BA3710 12/14/96 | GPTS1BA3802 12/14/96 | GPTS1BA3809 12/14/96 | GPTS1BA3902 12/14/96 | GPTS1BA3909 12/14/96 |
|---|---|---|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | 0.400U | 3.900 | 0.720B | 3.000 | 455.000 | 1.200B |
| SW6010 | BARIUM | MGKG | 2.100 | 0.910 | 17.400 | 2.400 | 177.000 | 0.500B |
| SW6010 | CADMIUM | MGKG | 0.050U | 0.050U | 0.050U | 0.050U | 3.000 | 0.050U |
| SW6010 | CHROMIUM | MGKG | 3.200 | 2.900 | 4.700 | 2.700 | 89.200 | 0.890B |
| SW6010 | LEAD | MGKG | 2.200 | 1.000 | 1.500 | 1.200 | 63.800 | 0.570 |
| SW6010 | SELENIUM | MGKG | 0.370U | 0.380U | 0.360U | 0.360U | 14.200 | 0.370U |
| SW6010 | SILVER | MGKG | 0.230U | 0.240U | 0.230U | 0.230U | 0.640B | 0.240U |
| SW7471 | MERCURY | MGKG | 0.040U | 0.040U | 0.050 | 0.040U | 0.060U | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | UGKG | 3.000U | 3.200U | 3.000U | 3.000U | 4.700U | 3.100U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 3.000U | 3.200U | 3.000U | 3.000U | 5.000P | 3.100U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 3.000U | 3.200U | 3.000U | 3.000U | 4.700U | 3.100U |
| SW8080 | ALDRIN | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 2.400U | 1.600U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 2.400U | 1.600U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 2.400U | 1.600U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 2.400U | 1.600U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 2.400U | 1.600U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 3.000U | 3.200U | 3.000U | 3.000U | 4.700U | 3.100U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 2.400U | 1.600U |
| SW8080 | DIELDRIN | UGKG | 3.000U | 3.200U | 3.000U | 3.000U | 4.700U | 3.100U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 3.000U | 3.200U | 3.000U | 3.000U | 4.700U | 3.100U |
| SW8080 | ENDRIN | UGKG | 3.000U | 3.200U | 3.000U | 3.000U | 4.700U | 3.100U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 3.000U | 3.200U | 3.000U | 3.000U | 4.700U | 3.100U |
| SW8080 | ENDRIN KETONE | UGKG | 3.000U | 3.200U | 3.000U | 3.000U | 4.700U | 3.100U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 2.400U | 1.600U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 2.400U | 1.600U |
| SW8080 | HEPTACHLOR | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 2.400U | 1.600U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.600U | 1.600U | 1.600U | 1.600U | 2.400U | 1.600U |
| SW8080 | METHOXYCHLOR | UGKG | 16.000U | 16.000U | 16.000U | 16.000U | 24.000U | 16.000U |
| SW8080 | PCB 1016 | UGKG | 40.000U | 42.000U | 40.000U | 40.000U | 62.000U | 41.000U |
| SW8080 | PCB 1221 | UGKG | 40.000U | 42.000U | 40.000U | 40.000U | 62.000U | 41.000U |
| SW8080 | PCB 1232 | UGKG | 40.000U | 42.000U | 40.000U | 40.000U | 62.000U | 41.000U |
| SW8080 | PCB 1242 | UGKG | 40.000U | 42.000U | 40.000U | 40.000U | 62.000U | 41.000U |
| SW8080 | PCB 1248 | UGKG | 40.000U | 42.000U | 40.000U | 40.000U | 62.000U | 41.000U |
| SW8080 | PCB 1254 | UGKG | 82.000U | 85.000U | 82.000U | 81.000U | 130.000U | 84.000U |
| SW8080 | PCB 1260 | UGKG | 82.000U | 85.000U | 82.000U | 81.000U | 130.000U | 84.000U |
| SW8080 | TOXAPHENE | UGKG | 100.000U | 100.000U | 100.000U | 100.000U | 160.000U | 100.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 20.000U | 20.000U | 20.000U | 19.000U | 30.000U | 20.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 122.000U | 127.000U | 122.000U | 120.000U | 189.000U | 125.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 76.000U | 78.000U | 76.000U | 75.000U | 117.000U | 78.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 45.000U | 47.000U | 45.000U | 45.000U | 70.000U | 46.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 65.000U | 67.000U | 65.000U | 64.000U | 100.000U | 66.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 28.000U | 29.000U | 28.000U | 28.000U | 43.000U | 29.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 17.000U | 18.000U | 17.000U | 17.000U | 26.000U | 18.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1710.000U | 1770.000U | 1710.000U | 1690.000U | 2640.000U | 1750.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3660.000U | 3800.000U | 3660.000U | 3610.000U | 5660.000U | 3750.000U |

## Gulfpo[illegible]te 1
## Analytical Sampling Results

| Method | Compound | Units | GPTS1BA3702 12/14/96 | GPTS1BA3710 12/14/96 | GPTS1BA3802 12/14/96 | GPTS1BA3809 12/14/96 | GPTS1BA3902 12/14/96 | GPTS1BA3909 12/14/96 |
|---|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 2000.000U | 2000.000U | 2000.000U | 1900.000U | 3000.000U | 2000.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 2000.000U | 2000.000U | 2000.000U | 1900.000U | 3000.000U | 2000.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 2000.000U | 2000.000U | 2000.000U | 1900.000U | 3000.000U | 2000.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | 2-NITROANILINE | UGKG | 2000.000U | 2000.000U | 2000.000U | 1900.000U | 3000.000U | 2000.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 800.000U | 840.000U | 800.000U | 800.000U | 1200.000U | 820.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | 3-NITROANILINE | UGKG | 2000.000U | 2000.000U | 2000.000U | 1900.000U | 3000.000U | 2000.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | 4-NITROANILINE | UGKG | 2000.000U | 2000.000U | 2000.000U | 1900.000U | 3000.000U | 2000.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 2000.000U | 2000.000U | 2000.000U | 1900.000U | 3000.000U | 2000.000U |
| SW8270 | CARBAZOLE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | FLUORENE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | ACENAPHTHENE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | ANTHRACENE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | PYRENE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | BENZOIC ACID | UGKG | 140.000J | 2000.000U | 110.000J | 66.000J | 520.000J | 130.000J |
| SW8270 | BENZYL ALCOHOL | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 92.000J | 120.000J | 65.000J | 240.000J | 160.000J | 210.000J |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | CHRYSENE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | DIBENZOFURAN | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 400.000U | 420.000U | 400.000U | 400.000U | 620.000U | 410.000U |

## Gulfpo[illegible]te 1
## Analytical Sampling Results

| Method | Compound | Units | GPTS1BA4103 12/7/96 | GPTS1BA4203 12/8/96 | GPTS1BA4210 12/8/96 | GPTS1BA4303 12/8/96 | GPTS1BA4313 12/8/96 | GPTS1BA4403 12/8/96 |
|---|---|---|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | 1.200B | 0.640B | 0.830B | 0.370U | 0.770B | 0.380U |
| SW6010 | BARIUM | MGKG | 21.400 | 7.000 * | 0.820B | 25.400 | 0.550B | 6.800 |
| SW6010 | CADMIUM | MGKG | 0.080B | 0.040U | 0.050U | 0.040U | 0.050U | 0.050U |
| SW6010 | CHROMIUM | MGKG | 5.300 | 4.200 * | 0.950B | 4.500 | 0.630B | 1.100B |
| SW6010 | LEAD | MGKG | 5.200 | 2.200 * | 0.770 | 3.600 | 0.670 | 1.500 |
| SW6010 | SELENIUM | MGKG | 0.380U | 0.300U | 0.360U | 0.330U | 0.370U | 0.340U |
| SW6010 | SILVER | MGKG | 0.240U | 0.190U | 0.230U | 0.210U | 0.230U | 0.220U |
| SW7471 | MERCURY | MGKG | 0.040U | 0.030U | 0.040U | 0.040U | 0.040U | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | UGKG | 3.200U | 2.900U | 3.000U | 2.800U | 3.000U | 2.800U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 3.200U | 2.900U | 3.000U | 2.800U | 3.000U | 2.800U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 3.200U | 2.900U | 3.000U | 2.800U | 3.000U | 2.800U |
| SW8080 | ALDRIN | UGKG | 1.600U | 1.500U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.500U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.600U | 1.500U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.600U | 1.500U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.500U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 3.200U | 2.900U | 3.000U | 2.800U | 3.000U | 2.800U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.500U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | DIELDRIN | UGKG | 3.200U | 2.900U | 3.000U | 2.800U | 3.000U | 2.800U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 3.200U | 2.900U | 3.000U | 2.800U | 3.000U | 2.800U |
| SW8080 | ENDRIN | UGKG | 3.200U | 2.900U | 3.000U | 2.800U | 3.000U | 2.800U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 3.200U | 2.900U | 3.000U | 2.800U | 3.000U | 2.800U |
| SW8080 | ENDRIN KETONE | UGKG | 3.200U | 2.900U | 3.000U | 2.800U | 3.000U | 2.800U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.600U | 1.500U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.600U | 1.500U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | HEPTACHLOR | UGKG | 1.600U | 1.500U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.600U | 1.500U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | METHOXYCHLOR | UGKG | 16.000U | 15.000U | 16.000U | 14.000U | 16.000U | 15.000U |
| SW8080 | PCB 1016 | UGKG | 42.000U | 39.000U | 40.000U | 37.000U | 40.000U | 38.000U |
| SW8080 | PCB 1221 | UGKG | 42.000U | 39.000U | 40.000U | 37.000U | 40.000U | 38.000U |
| SW8080 | PCB 1232 | UGKG | 42.000U | 39.000U | 40.000U | 37.000U | 40.000U | 38.000U |
| SW8080 | PCB 1242 | UGKG | 42.000U | 39.000U | 40.000U | 37.000U | 40.000U | 38.000U |
| SW8080 | PCB 1248 | UGKG | 42.000U | 39.000U | 40.000U | 37.000U | 40.000U | 38.000U |
| SW8080 | PCB 1254 | UGKG | 85.000U | 79.000U | 82.000U | 74.000U | 82.000U | 76.000U |
| SW8080 | PCB 1260 | UGKG | 85.000U | 79.000U | 82.000U | 74.000U | 82.000U | 76.000U |
| SW8080 | TOXAPHENE | UGKG | 100.000U | 98.000U | 100.000U | 92.000U | 100.000U | 94.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 20.000U | 19.000U | 19.000U | 18.000U | 20.000U | 18.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 127.000U | 118.000U | 119.000U | 111.000U | 122.000U | 114.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 78.000U | 73.000U | 74.000U | 69.000U | 76.000U | 70.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 47.000U | 44.000U | 44.000U | 41.000U | 45.000U | 42.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 67.000U | 62.000U | 63.000U | 59.000U | 65.000U | 60.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 29.000U | 27.000U | 27.000U | 26.000U | 28.000U | 26.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 18.000U | 16.000U | 17.000U | 16.000U | 17.000U | 16.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1770.000U | 1650.000U | 1670.000U | 1560.000U | 1710.000U | 1600.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3800.000U | 3530.000U | 3570.000U | 3330.000U | 3660.000U | 3410.000U |

| Method | Compound | Units | GPTS1BA4103 12/7/96 | GPTS1BA4203 12/8/96 | GPTS1BA4210 12/8/96 | GPTS1BA4303 12/8/96 | GPTS1BA4313 12/8/96 | GPTS1BA4403 12/8/96 |
|---|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 1100.000 |
| SW8270 | 2-METHYLPHENOL | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | 2-NITROANILINE | UGKG | | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U |
| SW8270 | 2-NITROPHENOL | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | | 780.000U | 800.000U | 730.000U | 800.000U | 750.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | 3-NITROANILINE | UGKG | | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | 4-NITROANILINE | UGKG | | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U |
| SW8270 | 4-NITROPHENOL | UGKG | | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U |
| SW8270 | CARBAZOLE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | FLUORENE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 150.000J |
| SW8270 | ACENAPHTHENE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | ANTHRACENE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | PYRENE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | BENZOIC ACID | UGKG | | 1900.000U | 71.000J | 48.000J | 59.000J | 1800.000U |
| SW8270 | BENZYL ALCOHOL | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | | 51.000J | 160.000J | 370.000U | 400.000U | 48.000J |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | CHRYSENE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | DIBENZOFURAN | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | | 390.000U | 400.000U | 370.000U | 400.000U | 380.000U |

## Gulf Site 1
## Analytical Sampling Results

| Method | Compound | Units | GPTS1BA4413 12/8/96 | GPTS1BA5102 12/8/96 | GPTS1BA5109 12/7/96 | GPTS1BA5109DUP 12/7/96 | GPTS1BA5205 12/12/96 | GPTS1BB1103 12/8/96 |
|---|---|---|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | 1.500 | 0.460B | 3.500 | | 0.890B* | 0.730B |
| SW6010 | BARIUM | MGKG | 0.470B* | 26.700 | 2.100 * | | 0.900 | 1.200 |
| SW6010 | CADMIUM | MGKG | 0.050U | 0.050U | 0.050U | | 0.050U | 0.050U |
| SW6010 | CHROMIUM | MGKG | 0.540B* | 7.000 | 4.200 * | | 3.600 * | 2.600 |
| SW6010 | LEAD | MGKG | 1.000 * | 4.600 | 1.000 * | | 2.000 * | 1.500 |
| SW6010 | SELENIUM | MGKG | 0.360U | 0.360U | 0.360U | | 0.380U | 0.500B |
| SW6010 | SILVER | MGKG | 0.230U | 0.230U | 0.230U | | 0.240U | 0.230U |
| SW7471 | MERCURY | MGKG | 0.040U | 0.040U | 0.040U | | 0.040U | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 3.200U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 3.200U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 3.200U | 3.000U |
| SW8080 | ALDRIN | UGKG | 1.500U | 1.500U | 1.500U | 1.500U | 1.600U | 1.600U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.500U | 1.500U | 1.500U | 1.600U | 1.600U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.500U | 1.500U | 1.500U | 1.500U | 1.600U | 1.600U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.500U | 1.500U | 1.500U | 1.500U | 1.600U | 1.600U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.500U | 1.500U | 1.500U | 1.600U | 1.600U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 3.200U | 3.000U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.500U | 1.500U | 1.500U | 1.600U | 1.600U |
| SW8080 | DIELDRIN | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 3.200U | 3.000U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 3.200U | 3.000U |
| SW8080 | ENDRIN | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 3.200U | 3.000U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 3.200U | 3.000U |
| SW8080 | ENDRIN KETONE | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 3.200U | 3.000U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.500U | 1.500U | 1.500U | 1.500U | 1.600U | 1.600U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.500U | 1.500U | 1.500U | 1.500U | 1.600U | 1.600U |
| SW8080 | HEPTACHLOR | UGKG | 1.500U | 1.500U | 1.500U | 1.500U | 1.600U | 1.600U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.500U | 1.500U | 1.500U | 1.500U | 1.600U | 1.600U |
| SW8080 | METHOXYCHLOR | UGKG | 15.000U | 15.000U | 15.000U | 15.000U | 16.000U | 16.000U |
| SW8080 | PCB 1016 | UGKG | 39.000U | 39.000U | 39.000U | 39.000U | 42.000U | 40.000U |
| SW8080 | PCB 1221 | UGKG | 39.000U | 39.000U | 39.000U | 39.000U | 42.000U | 40.000U |
| SW8080 | PCB 1232 | UGKG | 39.000U | 39.000U | 39.000U | 39.000U | 42.000U | 40.000U |
| SW8080 | PCB 1242 | UGKG | 39.000U | 39.000U | 39.000U | 39.000U | 42.000U | 40.000U |
| SW8080 | PCB 1248 | UGKG | 39.000U | 39.000U | 39.000U | 39.000U | 42.000U | 40.000U |
| SW8080 | PCB 1254 | UGKG | 80.000U | 80.000U | 80.000U | 80.000U | 85.000U | 81.000U |
| SW8080 | PCB 1260 | UGKG | 80.000U | 80.000U | 80.000U | 80.000U | 85.000U | 81.000U |
| SW8080 | TOXAPHENE | UGKG | 99.000U | 99.000U | 99.000U | 99.000U | 100.000U | 100.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 19.000U | 19.000U | 19.000U | 19.000U | 20.000U | 19.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 119.000U | 119.000U | 120.000U | 118.000U | 127.000U | 120.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 74.000U | 74.000U | 75.000U | 73.000U | 78.000U | 75.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 44.000U | 44.000U | 45.000U | 44.000U | 47.000U | 45.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 63.000U | 63.000U | 64.000U | 62.000U | 67.000U | 64.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 27.000U | 27.000U | 28.000U | 27.000U | 29.000U | 28.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 17.000U | 17.000U | 17.000U | 16.000U | 18.000U | 17.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1670.000U | 1670.000U | 1690.000U | 1650.000U | 1770.000U | 1690.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3570.000U | 3570.000U | 3610.000U | 3530.000U | 3800.000U | 3610.000U |

## Analytical Sampling Results

| Method | Compound | Units | GPTS1BA4413 12/8/96 | GPTS1BA5102 12/8/96 | GPTS1BA5109 12/7/96 | GPTS1BA5109DUP 12/7/96 | GPTS1BA5205 12/12/96 | GPTS1BB1103 12/8/96 |
|---|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 1900.000U | 1900.000U | 1900.000U | 1900.000U | 2000.000U | 1900.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 1900.000U | 1900.000U | 1900.000U | 1900.000U | 2000.000U | 1900.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 1900.000U | 1900.000U | 1900.000U | 1900.000U | 2000.000U | 1900.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | 2-NITROANILINE | UGKG | 1900.000U | 1900.000U | 1900.000U | 1900.000U | 2000.000U | 1900.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 780.000U | 780.000U | 800.000U | 800.000U | 840.000U | 800.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | 3-NITROANILINE | UGKG | 1900.000U | 1900.000U | 1900.000U | 1900.000U | 2000.000U | 1900.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | 4-NITROANILINE | UGKG | 1900.000U | 1900.000U | 1900.000U | 1900.000U | 2000.000U | 1900.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 1900.000U | 1900.000U | 1900.000U | 1900.000U | 2000.000U | 1900.000U |
| SW8270 | CARBAZOLE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | FLUORENE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | ACENAPHTHENE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | ANTHRACENE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | PYRENE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | BENZOIC ACID | UGKG | 1900.000U | 1900.000U | 48.000J | 1900.000U | 62.000J | 51.000J |
| SW8270 | BENZYL ALCOHOL | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 66.000J | 400.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 110.000J | 58.000J | 120.000J | 120.000J | 120.000J | 43.000J |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | CHRYSENE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | DIBENZOFURAN | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 390.000U | 390.000U | 400.000U | 400.000U | 420.000U | 400.000U |

## Analytical Sampling Results

| Method | Compound | Units | GPTS1BB1110 12/8/96 | GPTS1BB1206 12/8/96 | GPTS1BB1303 12/8/96 | GPTS1BB1310 12/8/96 | GPTS1BB4109 12/7/96 |
|---|---|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | 0.390U | 7.300 | 3.200 | 1.500 | 4.900 |
| SW6010 | BARIUM | MGKG | 0.700B* | 14.100 | 5.600 * | 0.510B* | 2.700 * |
| SW6010 | CADMIUM | MGKG | 0.050U | 0.050B | 0.060B | 0.050U | 0.060U |
| SW6010 | CHROMIUM | MGKG | 0.770B* | 10.100 | 9.900 * | 0.420B* | 4.700 * |
| SW6010 | LEAD | MGKG | 0.840 * | 7.000 | 11.500 * | 1.000 * | 2.600 * |
| SW6010 | SELENIUM | MGKG | 0.360U | 0.580B | 0.480B | 0.360U | 0.410U |
| SW6010 | SILVER | MGKG | 0.230U | 0.240U | 0.250U | 0.230U | 0.260U |
| SW7471 | MERCURY | MGKG | 0.040U | 0.040U | 0.040U | 0.040U | 0.050U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1-TRICHLOROETHANE | UGKG | 3.000U | 3.100U | 3.300U | 3.000U | 3.500U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 3.000U | 3.100U | 3.300U | 3.000U | 3.500U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 3.000U | 3.100U | 3.300U | 3.000U | 3.500U |
| SW8080 | ALDRIN | UGKG | 1.500U | 1.600U | 1.700U | 1.600U | 1.800U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.700U | 1.600U | 1.800U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.500U | 1.600U | 1.700U | 1.600U | 1.800U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.500U | 1.600U | 1.700U | 1.600U | 1.800U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.700U | 1.600U | 1.800U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 3.000U | 3.100U | 3.300U | 3.000U | 3.500U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.700U | 1.600U | 1.800U |
| SW8080 | DIELDRIN | UGKG | 3.000U | 3.100U | 3.300U | 3.000U | 3.500U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 3.000U | 3.100U | 3.300U | 3.000U | 3.500U |
| SW8080 | ENDRIN | UGKG | 3.000U | 3.100U | 3.300U | 3.000U | 3.500U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 3.000U | 3.100U | 3.300U | 3.000U | 3.500U |
| SW8080 | ENDRIN KETONE | UGKG | 3.000U | 3.100U | 3.300U | 3.000U | 3.500U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.500U | 1.600U | 1.700U | 1.600U | 1.800U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.500U | 1.600U | 1.700U | 1.600U | 1.800U |
| SW8080 | HEPTACHLOR | UGKG | 1.500U | 1.600U | 1.700U | 1.600U | 1.800U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.500U | 1.600U | 1.700U | 1.600U | 1.800U |
| SW8080 | METHOXYCHLOR | UGKG | 15.000U | 16.000U | 17.000U | 16.000U | 18.000U |
| SW8080 | PCB 1016 | UGKG | 39.000U | 41.000U | 43.000U | 40.000U | 46.000U |
| SW8080 | PCB 1221 | UGKG | 39.000U | 41.000U | 43.000U | 40.000U | 46.000U |
| SW8080 | PCB 1232 | UGKG | 39.000U | 41.000U | 43.000U | 40.000U | 46.000U |
| SW8080 | PCB 1242 | UGKG | 39.000U | 41.000U | 43.000U | 40.000U | 46.000U |
| SW8080 | PCB 1248 | UGKG | 39.000U | 41.000U | 43.000U | 40.000U | 46.000U |
| SW8080 | PCB 1254 | UGKG | 80.000U | 83.000U | 88.000U | 81.000U | 93.000U |
| SW8080 | PCB 1260 | UGKG | 80.000U | 83.000U | 88.000U | 81.000U | 93.000U |
| SW8080 | TOXAPHENE | UGKG | 99.000U | 100.000U | 110.000U | 100.000U | 120.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 19.000U | 20.000U | 21.000U | 19.000U | 22.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 119.000U | 123.000U | 132.000U | 120.000U | 139.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 74.000U | 77.000U | 82.000U | 75.000U | 86.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 44.000U | 46.000U | 49.000U | 45.000U | 51.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 63.000U | 65.000U | 70.000U | 64.000U | 74.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 27.000U | 28.000U | 30.000U | 28.000 J | 32.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 17.000U | 17.000U | 18.000U | 17.000U | 19.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1670.000U | 1730.000U | 1840.000U | 1690.000U | 1940.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3570.000U | 3700.000U | 3950.000U | 3610.000U | 4170.000U |

| Method | Compound | Units | GPTS1BB1110 12/8/96 | GPTS1BB1206 12/8/96 | GPTS1BB1303 12/8/96 | GPTS1BB1310 12/8/96 | GPTS1BB4109 12/7/96 |
|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 1900.000U | 2000.000U | 2100.000U | 1900.000U | 2200.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 1900.000U | 2000.000U | 2100.000U | 1900.000U | 2200.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 1900.000U | 2000.000U | 2100.000U | 1900.000U | 2200.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | 2-NITROANILINE | UGKG | 1900.000U | 2000.000U | 2100.000U | 1900.000U | 2200.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 780.000U | 810.000U | 870.000U | 800.000U | 920.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | 3-NITROANILINE | UGKG | 1900.000U | 2000.000U | 2100.000U | 1900.000U | 2200.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | 4-NITROANILINE | UGKG | 1900.000U | 2000.000U | 2100.000U | 1900.000U | 2200.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 1900.000U | 2000.000U | 2100.000U | 1900.000U | 2200.000U |
| SW8270 | CARBAZOLE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | FLUORENE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | ACENAPHTHENE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | ANTHRACENE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | PYRENE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | BENZOIC ACID | UGKG | 1900.000U | 47.000J | 2100.000U | 1900.000U | 55.000J |
| SW8270 | BENZYL ALCOHOL | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 140.000J | 68.000J | 48.000J | 400.000U | 74.000J |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | CHRYSENE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | DIBENZOFURAN | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 390.000U | 410.000U | 430.000U | 400.000U | 460.000U |

Gulf[illegible] Site 5
Analytical Sample Results

| Method | Compound | Units | GPTS5BA10106 12/9/96 | GPTS5BA10113 12/9/96 | GPTS5BA10206 12/9/96 | GPTS5BA10206DUP 12/9/96 | GPTS5BA10213 12/9/96 | GPTS5bA1106 12/6/96 | GPTS5bA1113 12/6/96 |
|---|---|---|---|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | 0.510B | 1.300 | 1.500 | | 1.700 | 0.390U | 1.500 |
| SW6010 | BARIUM | MGKG | 16.800 * | 1.700 * | 18.400 * | | 1.500 * | 0.590B | 0.700B |
| SW6010 | CADMIUM | MGKG | 0.050U | 0.050U | 0.050U | | 0.050U | 0.050U | 0.050U |
| SW6010 | CHROMIUM | MGKG | 3.200 * | 2.500 * | 5.900 * | | 2.200 * | 0.840B | 1.600 |
| SW6010 | LEAD | MGKG | 3.500 * | 1.400 * | 4.900 * | | 1.900 * | 0.640 | 0.890 |
| SW6010 | SELENIUM | MGKG | 0.340U | 0.370U | 0.350U | | 0.400U | 0.350U | 0.340U |
| SW6010 | SILVER | MGKG | 0.220U | 0.240U | 0.220U | | 0.250U | 0.220U | 0.210U |
| SW7471 | MERCURY | MGKG | 0.040U | 0.040U | 0.040U | | 0.040U | 0.040U | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1- | UGKG | 2.800U | 3.100U | 2.900U | 2.900U | 3.300U | 2.900U | 2.800U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 2.800U | 3.100U | 2.900U | 2.900U | 3.300U | 2.900U | 2.800U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 2.800U | 3.100U | 2.900U | 2.900U | 3.300U | 2.900U | 2.800U |
| SW8080 | ALDRIN | UGKG | 1.500U | 1.600U | 1.500U | 1.500U | 1.700U | 1.500U | 1.500U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.500U | 1.500U | 1.700U | 1.500U | 1.500U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.500U | 1.600U | 1.500U | 1.500U | 1.700U | 1.500U | 1.500U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.500U | 1.600U | 1.500U | 1.500U | 1.700U | 1.500U | 1.500U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.500U | 1.500U | 1.700U | 1.500U | 1.500U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 2.800U | 3.100U | 2.900U | 2.900U | 3.300U | 2.900U | 2.800U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.800P | 1.600U | 1.500U | 1.500U | 1.700U | 1.500U | 1.500U |
| SW8080 | DIELDRIN | UGKG | 2.800U | 3.100U | 2.900U | 2.900U | 3.300U | 2.900U | 2.800U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 2.800U | 3.100U | 2.900U | 2.900U | 3.300U | 2.900U | 2.800U |
| SW8080 | ENDRIN | UGKG | 2.800U | 3.100U | 2.900U | 2.900U | 3.300U | 2.900U | 2.800U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 2.800U | 3.100U | 2.900U | 2.900U | 3.300U | 2.900U | 2.800U |
| SW8080 | ENDRIN KETONE | UGKG | 2.800U | 3.100U | 2.900U | 2.900U | 3.300U | 2.900U | 2.800U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.500U | 1.600U | 1.500U | 1.500U | 1.700U | 1.500U | 1.500U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.500U | 1.600U | 1.500U | 1.500U | 1.700U | 1.500U | 1.500U |
| SW8080 | HEPTACHLOR | UGKG | 1.500U | 1.600U | 1.500U | 1.500U | 1.700U | 1.500U | 1.500U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.500U | 1.600U | 1.500U | 1.500U | 1.700U | 1.500U | 1.500U |
| SW8080 | METHOXYCHLOR | UGKG | 15.000U | 16.000U | 15.000U | 15.000U | 17.000U | 15.000U | 15.000U |
| SW8080 | PCB 1016 | UGKG | 38.000U | 41.000U | 38.000U | 38.000U | 44.000U | 39.000U | 37.000U |
| SW8080 | PCB 1221 | UGKG | 38.000U | 41.000U | 38.000U | 38.000U | 44.000U | 39.000U | 37.000U |
| SW8080 | PCB 1232 | UGKG | 38.000U | 41.000U | 38.000U | 38.000U | 44.000U | 39.000U | 37.000U |
| SW8080 | PCB 1242 | UGKG | 38.000U | 41.000U | 38.000U | 38.000U | 44.000U | 39.000U | 37.000U |
| SW8080 | PCB 1248 | UGKG | 38.000U | 41.000U | 38.000U | 38.000U | 44.000U | 39.000U | 37.000U |
| SW8080 | PCB 1254 | UGKG | 76.000U | 83.000U | 78.000U | 78.000U | 89.000U | 79.000U | 75.000U |
| SW8080 | PCB 1260 | UGKG | 76.000U | 83.000U | 78.000U | 78.000U | 89.000U | 79.000U | 75.000U |
| SW8080 | TOXAPHENE | UGKG | 94.000U | 100.000U | 96.000U | 96.000U | 110.000U | 98.000U | 93.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 18.000U | 20.000U | 19.000U | 19.000U | 21.000U | 19.000U | 18.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 114.000U | 123.000U | 116.000U | 116.000U | 133.000U | 118.000U | 112.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 70.000U | 77.000U | 72.000U | 72.000U | 83.000U | 73.000U | 70.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 42.000U | 46.000U | 43.000U | 43.000U | 49.000U | 44.000U | 42.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 60.000U | 65.000U | 62.000U | 62.000U | 71.000U | 62.000U | 60.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 26.000U | 28.000U | 27.000U | 27.000U | 31.000U | 27.000U | 26.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 16.000U | 17.000U | 16.000U | 16.000U | 19.000U | 16.000U | 16.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1590.000U | 1730.000U | 1630.000U | 1630.000U | 1870.000U | 1650.000U | 1570.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3410.000U | 3700.000U | 3490.000U | 3490.000U | 4000.000U | 3530.000U | 3370.000U |

| Method | Compound | Units | GPTS5BA10106 12/9/96 | GPTS5BA10113 12/9/96 | GPTS5BA10206 12/9/96 | GPTS5BA10206DUP 12/9/96 | GPTS5BA10213 12/9/96 | GPTS5bA1106 12/6/96 | GPTS5bA1113 12/6/96 |
|---|---|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 1800.000U | 2000.000U | 1900.000U | 1900.000U | 2100.000U | 1900.000U | 1800.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 1800.000U | 2000.000U | 1900.000U | 1900.000U | 2100.000U | 1900.000U | 1800.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 1800.000U | 2000.000U | 1900.000U | 1900.000U | 2100.000U | 1900.000U | 1800.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | 2-NITROANILINE | UGKG | 1800.000U | 2000.000U | 1900.000U | 1900.000U | 2100.000U | 1900.000U | 1800.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 750.000U | 810.000U | 770.000U | 770.000U | 880.000U | 780.000U | 740.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | 3-NITROANILINE | UGKG | 1800.000U | 2000.000U | 1900.000U | 1900.000U | 2100.000U | 1900.000U | 1800.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | 4-NITROANILINE | UG/KG | 1800.000U | 2000.000U | 1900.000U | 1900.000U | 2100.000U | 1900.000U | 1800.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 1800.000U | 2000.000U | 1900.000U | 1900.000U | 2100.000U | 1900.000U | 1800.000U |
| SW8270 | CARBAZOLE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | FLUORENE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | ACENAPHTHENE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U* | 390.000U | 370.000U |
| SW8270 | ANTHRACENE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | PYRENE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | BENZOIC ACID | UGKG | 50.000J | 2000.000U | 51.000J | 1900.000U | 2100.000U | 110.000J | 89.000J |
| SW8270 | BENZYL ALCOHOL | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 620.000 | 410.000U | 47.000J | 120.000J | 440.000U | 52.000J | 65.000J |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | CHRYSENE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | DIBENZOFURAN | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 380.000U | 410.000U | 380.000U | 380.000U | 440.000U | 390.000U | 370.000U |

| Method | Compound | Units | GPTS5bA1206 12/6/96 | GPTS5bA1212 12/6/96 | GPTS5bA1306 12/6/96 | GPTS5bA1313 12/6/96 | GPTS5bA2106 12/6/96 | GPTS5bA2113 12/6/96 | GPTS5bA2207 12/6/96 |
|---|---|---|---|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | 0.500U | 1.800 | 0.390U | 0.400U | 0.370U | 0.540B | 1.200B |
| SW6010 | BARIUM | MGKG | 20.000 | 0.760B | 2.000 | 0.720B | 18.300 | 1.200 | 2.800 |
| SW6010 | CADMIUM | MGKG | 0.060U | 0.050U | 0.050U | 0.050U | 0.040U | 0.050U | 0.340B |
| SW6010 | CHROMIUM | MGKG | 11.900 | 2.200 | 3.700 | 1.100B | 3.800 | 1.600 | 4.600 |
| SW6010 | LEAD | MGKG | 3.400 | 1.100 | 0.610 | 0.690 | 2.600 | 1.100 | 4.600 |
| SW6010 | SELENIUM | MGKG | 0.460U | 0.370U | 0.540B | 0.360U | 0.340U | 0.360U | 2.600 |
| SW6010 | SILVER | MGKG | 0.290U | 0.230U | 0.220U | 0.230U | 0.210U | 0.230U | 0.230U |
| SW7471 | MERCURY | MGKG | 0.280 | 0.040U | 0.100 | 0.040U | 0.040U | 0.040U | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1- | UGKG | 3.800U | 3.100U | 2.900U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 3.800U | 3.100U | 2.900U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 3.800U | 3.100U | 2.900U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | ALDRIN | UGKG | 2.000U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U | 1.600U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 2.000U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U | 1.600U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 2.000U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U | 1.600U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 2.000U | 1.900P | 1.500U | 1.600U | 1.500U | 1.600U | 1.600U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 2.000U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U | 1.600U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 3.800U | 3.100U | 2.900U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 2.000U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U | 1.600U |
| SW8080 | DIELDRIN | UGKG | 3.800U | 3.100U | 2.900U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 3.800U | 3.100U | 2.900U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | ENDRIN | UGKG | 3.800U | 3.100U | 2.900U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 3.800U | 3.100U | 2.900U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | ENDRIN KETONE | UGKG | 26.000P | 3.100U | 2.900U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 2.000U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U | 1.600U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 2.000U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U | 1.600U |
| SW8080 | HEPTACHLOR | UGKG | 2.000U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U | 1.600U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 2.000U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U | 1.600U |
| SW8080 | METHOXYCHLOR | UGKG | 20.000U | 16.000U | 15.000U | 16.000U | 15.000U | 16.000U | 16.000U |
| SW8080 | PCB 1016 | UGKG | 50.000U | 41.000U | 39.000U | 40.000U | 37.000U | 40.000U | 40.000U |
| SW8080 | PCB 1221 | UGKG | 50.000U | 41.000U | 39.000U | 40.000U | 37.000U | 40.000U | 40.000U |
| SW8080 | PCB 1232 | UGKG | 50.000U | 41.000U | 39.000U | 40.000U | 37.000U | 40.000U | 40.000U |
| SW8080 | PCB 1242 | UGKG | 50.000U | 41.000U | 39.000U | 40.000U | 37.000U | 40.000U | 40.000U |
| SW8080 | PCB 1248 | UGKG | 50.000U | 41.000U | 39.000U | 40.000U | 37.000U | 40.000U | 40.000U |
| SW8080 | PCB 1254 | UGKG | 100.000U | 83.000U | 79.000U | 81.000U | 75.000U | 81.000U | 82.000U |
| SW8080 | PCB 1260 | UGKG | 100.000U | 83.000U | 79.000U | 81.000U | 75.000U | 81.000U | 82.000U |
| SW8080 | TOXAPHENE | UGKG | 120.000U | 100.000U | 98.000U | 100.000U | 93.000U | 100.000U | 100.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 24.000U | 20.000U | 19.000U | 19.000U | 18.000U | 19.000U | 20.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 152.000U | 123.000U | 118.000U | 120.000U | 112.000U | 120.000U | 122.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 94.000U | 77.000U | 73.000U | 75.000U | 70.000U | 75.000U | 76.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 56.000U | 46.000U | 44.000U | 45.000U | 42.000U | 45.000U | 45.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 80.000U | 65.000U | 62.000U | 64.000U | 60.000U | 64.000U | 65.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 35.000U | 28.000U | 27.000U | 28.000U | 26.000U | 28.000U | 28.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 21.000U | 17.000U | 16.000U | 17.000U | 16.000U | 17.000U | 17.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 2120.000U | 1730.000U | 1650.000U | 1690.000U | 1570.000U | 1690.000U | 1710.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 4540.000U | 3700.000U | 3530.000U | 3610.000U | 3370.000U | 3610.000U | 3660.000U |

| Method | Compound | Units | GPTS5bA1206 12/6/96 | GPTS5bA1212 12/6/96 | GPTS5bA1306 12/6/96 | GPTS5bA1313 12/6/96 | GPTS5bA2106 12/6/96 | GPTS5bA2113 12/6/96 | GPTS5bA2207 12/6/96 |
|---|---|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 2400.000U | 2000.000U | 1900.000U | 1900.000U | 1800.000U | 1900.000U | 2000.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 2400.000U | 2000.000U | 1900.000U | 1900.000U | 1800.000U | 1900.000U | 2000.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 2400.000U | 2000.000U | 1900.000U | 1900.000U | 1800.000U | 1900.000U | 2000.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | 2-NITROANILINE | UGKG | 2400.000U | 2000.000U | 1900.000U | 1900.000U | 1800.000U | 1900.000U | 2000.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 1000.000U | 810.000U | 780.000U | 780.000U | 740.000U | 800.000U | 800.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | 3-NITROANILINE | UGKG | 2400.000U | 2000.000U | 1900.000U | 1900.000U | 1800.000U | 1900.000U | 2000.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | 4-NITROANILINE | UG/KG | 2400.000U | 2000.000U | 1900.000U | 1900.000U | 1800.000U | 1900.000U | 2000.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 2400.000U | 2000.000U | 1900.000U | 1900.000U | 1800.000U | 1900.000U | 2000.000U |
| SW8270 | CARBAZOLE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | FLUORENE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | ACENAPHTHENE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | ANTHRACENE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | PYRENE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | BENZOIC ACID | UGKG | 1000.000J | 120.000J | 69.000J | 95.000J | 1800.000U | 1900.000U | 2000.000U |
| SW8270 | BENZYL ALCOHOL | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 120.000J | 410.000U | 390.000U | 390.000U | 56.000J | 160.000J | 110.000J |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | CHRYSENE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 500.000U | 410.000U | 390.000U | 49.000J | 370.000U | 400.000U | 400.000U |
| SW8270 | DIBENZOFURAN | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 500.000U | 410.000U | 390.000U | 390.000U | 370.000U | 400.000U | 400.000U |

Gulfpo[illegible]ite 5
Analytical Sample Results

| Method | Compound | Units | GPTS5bA2214 12/6/96 | GPTS5bA2307 12/6/96 | GPTS5bA2314 12/6/96 | GPTS5BA3105 12/5/96 | GPTS5BA3112 12/5/96 | GPTS5BA3206 12/5/96 | GPTS5BA3213 12/5/96 |
|---|---|---|---|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | 0.510B | 0.390U | 1.000B | 2.600 | 1.200B | 0.490B | 2.200 |
| SW6010 | BARIUM | MGKG | 0.750B | 1.300 | 0.900 | 10.300 | 2.500 | 12.600 | 1.100 |
| SW6010 | CADMIUM | MGKG | 0.050U | 0.050U | 0.050U | 0.190B | 0.130B | 0.040U | 0.870 |
| SW6010 | CHROMIUM | MGKG | 0.840B | 3.200 | 1.400 | 26.500 | 37.700 | 3.100 | 3.000 |
| SW6010 | LEAD | MGKG | 0.910 | 0.940 | 0.650 | 11.900 | 1.800 | 2.400 | 2.300 |
| SW6010 | SELENIUM | MGKG | 0.360U | 0.360U | 0.370U | 0.940 | 1.300 | 0.420B | 1.900 |
| SW6010 | SILVER | MGKG | 0.230U | 0.230U | 0.230U | 0.210U | 0.230U | 0.210U | 0.230U |
| SW7471 | MERCURY | MGKG | 0.040U | 0.040U | 0.040U | 0.050 | 0.040U | 0.040U | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1- | UGKG | 3.000U | 3.000U | 3.100U | 2.800U | 3.000U | 2.800U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 3.000U | 3.000U | 3.100U | 2.800U | 3.000U | 2.800U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 3.000U | 3.000U | 3.100U | 2.800U | 3.000U | 2.800U | 3.000U |
| SW8080 | ALDRIN | UGKG | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 3.000U | 3.000U | 3.100U | 2.800U | 3.000U | 2.800U | 3.000U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | DIELDRIN | UGKG | 3.000U | 3.000U | 3.100U | 2.800U | 3.000U | 2.800U | 3.000U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 3.000U | 3.000U | 3.100U | 2.800U | 3.000U | 2.800U | 3.000U |
| SW8080 | ENDRIN | UGKG | 3.000U | 3.000U | 3.100U | 2.800U | 3.000U | 2.800U | 3.000U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 3.000U | 3.000U | 3.100U | 2.800U | 3.000U | 2.800U | 3.000U |
| SW8080 | ENDRIN KETONE | UGKG | 3.000U | 3.000U | 3.100U | 2.800U | 3.000U | 2.800U | 3.000U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | HEPTACHLOR | UGKG | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | METHOXYCHLOR | UGKG | 15.000U | 15.000U | 16.000U | 15.000U | 16.000U | 15.000U | 16.000U |
| SW8080 | PCB 1016 | UGKG | 39.000U | 39.000U | 41.000U | 37.000U | 40.000U | 37.000U | 40.000U |
| SW8080 | PCB 1221 | UGKG | 39.000U | 39.000U | 41.000U | 37.000U | 40.000U | 37.000U | 40.000U |
| SW8080 | PCB 1232 | UGKG | 39.000U | 39.000U | 41.000U | 37.000U | 40.000U | 37.000U | 40.000U |
| SW8080 | PCB 1242 | UGKG | 39.000U | 39.000U | 41.000U | 37.000U | 40.000U | 37.000U | 40.000U |
| SW8080 | PCB 1248 | UGKG | 39.000U | 39.000U | 41.000U | 37.000U | 40.000U | 37.000U | 40.000U |
| SW8080 | PCB 1254 | UGKG | 80.000U | 80.000U | 83.000U | 75.000U | 82.000U | 75.000U | 82.000U |
| SW8080 | PCB 1260 | UGKG | 80.000U | 80.000U | 83.000U | 75.000U | 82.000U | 75.000U | 82.000U |
| SW8080 | TOXAPHENE | UGKG | 99.000U | 99.000U | 100.000U | 93.000U | 100.000U | 93.000U | 100.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 19.000U | 19.000U | 20.000U | 18.000U | 20.000U | 18.000U | 20.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 119.000U | 119.000U | 123.000U | 112.000U | 122.000U | 112.000U | 122.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 74.000U | 74.000U | 77.000U | 70.000U | 76.000U | 70.000U | 76.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 44.000U | 44.000U | 46.000U | 42.000U | 45.000U | 42.000U | 45.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 63.000U | 63.000U | 65.000U | 60.000U | 65.000U | 60.000U | 65.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 27.000U | 27.000U | 28.000U | 26.000U | 28.000U | 26.000U | 28.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 17.000U | 17.000U | 17.000U | 16.000U | 17.000U | 16.000U | 17.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1670.000U | 1670.000U | 1730.000U | 1570.000U | 1710.000U | 1570.000U | 1710.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3570.000U | 3570.000U | 3700.000U | 3370.000U | 3660.000U | 3370.000U | 3660.000U |

| Method | Compound | Units | GPTS5bA2214 | GPTS5bA2307 | GPTS5bA2314 | GPTS5BA3105 | GPTS5BA3112 | GPTS5BA3206 | GPTS5BA3213 |
|---|---|---|---|---|---|---|---|---|---|
| | | | 12/6/96 | 12/6/96 | 12/6/96 | 12/5/96 | 12/5/96 | 12/5/96 | 12/5/96 |
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 1900.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U | 2000.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 1900.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U | 2000.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 1900.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U | 2000.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | 2-NITROANILINE | UGKG | 1900.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U | 2000.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 780.000U | 780.000U | 810.000U | 740.000U | 800.000U | 740.000U | 800.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | 3-NITROANILINE | UGKG | 1900.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U | 2000.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | 4-NITROANILINE | UG/KG | 1900.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U | 2000.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 1900.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U | 2000.000U |
| SW8270 | CARBAZOLE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | FLUORENE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | ACENAPHTHENE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | ANTHRACENE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | PYRENE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | BENZOIC ACID | UGKG | 1900.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U | 2000.000U |
| SW8270 | BENZYL ALCOHOL | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 390.000U | 100.000J | 58.000J | 49.000J | 44.000J | 370.000U | 97.000J |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | CHRYSENE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | DIBENZOFURAN | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 390.000U | 390.000U | 410.000U | 370.000U | 400.000U | 370.000U | 400.000U |

Gulfpo[illegible]ite 5
Analytical S[illegible]ple Results

| Method | Compound | Units | GPTS5BA3306 12/5/96 | GPTS5BA3311 12/5/96 | GPTS5bA5108 12/4/96 | GPTS5bA5115 12/4/96 | GPTS5bA5206 12/4/96 | GPTS5bA5213 12/4/96 | GPTS5BA5306 12/5/96 |
|---|---|---|---|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | 0.370U | 1.300 | 0.400U | 0.400U | 0.560B | 1.300 | 0.500B |
| SW6010 | BARIUM | MGKG | 1.500 | 1.200 | 0.570B | 0.420B | 6.300 | 0.590B | 3.900 |
| SW6010 | CADMIUM | MGKG | 0.050U | 0.120B | 0.050U | 0.050U | 0.040U | 0.050U | 0.050U |
| SW6010 | CHROMIUM | MGKG | 0.920B | 1.500 | 1.700 | 2.400 | 3.100 | 1.700 | 2.400 |
| SW6010 | LEAD | MGKG | 0.940 | 1.800 | 0.810 | 0.550 | 2.500 | 0.600 | 1.300 |
| SW6010 | SELENIUM | MGKG | 0.340U | 0.430B | 0.360U | 0.370U | 0.330U | 0.370U | 0.360U |
| SW6010 | SILVER | MGKG | 0.220U | 0.230U | 0.230U | 0.230U | 0.210U | 0.230U | 0.220U |
| SW7471 | MERCURY | MGKG | 0.040U | 0.040U | 0.040U | 0.040U | 0.040U | 0.040U | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1- | UGKG | 2.800U | 3.000U | 3.000U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 2.800U | 3.000U | 3.000U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 2.800U | 3.000U | 3.000U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | ALDRIN | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 2.800U | 3.000U | 3.000U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | DIELDRIN | UGKG | 2.800U | 3.000U | 3.000U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 2.800U | 3.000U | 3.000U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | ENDRIN | UGKG | 2.800U | 3.000U | 3.000U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 2.800U | 3.000U | 3.000U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | ENDRIN KETONE | UGKG | 2.800U | 3.000U | 3.000U | 3.000U | 2.800U | 3.000U | 3.000U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | HEPTACHLOR | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.500U | 1.600U | 1.600U | 1.600U | 1.400U | 1.600U | 1.500U |
| SW8080 | METHOXYCHLOR | UGKG | 15.000U | 16.000U | 16.000U | 16.000U | 14.000U | 16.000U | 15.000U |
| SW8080 | PCB 1016 | UGKG | 38.000U | 40.000U | 40.000U | 40.000U | 37.000U | 40.000U | 39.000U |
| SW8080 | PCB 1221 | UGKG | 38.000U | 40.000U | 40.000U | 40.000U | 37.000U | 40.000U | 39.000U |
| SW8080 | PCB 1232 | UGKG | 38.000U | 40.000U | 40.000U | 40.000U | 37.000U | 40.000U | 39.000U |
| SW8080 | PCB 1242 | UGKG | 38.000U | 40.000U | 40.000U | 40.000U | 37.000U | 40.000U | 39.000U |
| SW8080 | PCB 1248 | UGKG | 38.000U | 40.000U | 40.000U | 40.000U | 37.000U | 40.000U | 39.000U |
| SW8080 | PCB 1254 | UGKG | 76.000U | 82.000U | 81.000U | 82.000U | 74.000U | 82.000U | 80.000U |
| SW8080 | PCB 1260 | UGKG | 76.000U | 82.000U | 81.000U | 82.000U | 74.000U | 82.000U | 80.000U |
| SW8080 | TOXAPHENE | UGKG | 94.000U | 100.000U | 100.000U | 100.000U | 92.000U | 100.000U | 99.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 20.000U | 20.000U | 19.000U | 20.000U | 6.000U | 20.000U | 19.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 122.000U | 122.000U | 120.000U | 122.000U | 39.000U | 122.000U | 119.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 76.000U | 76.000U | 75.000U | 76.000U | 24.000U | 76.000U | 74.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 45.000U | 45.000U | 45.000U | 45.000U | 14.000U | 45.000U | 44.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 65.000U | 65.000U | 64.000U | 65.000U | 21.000U | 65.000U | 63.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 28.000U | 28.000U | 28.000U | 28.000U | 9.000U | 28.000U | 27.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 17.000U | 17.000U | 17.000U | 17.000U | 5.000U | 17.000U | 17.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1710.000U | 1710.000U | 1690.000U | 1710.000U | 545.000U | 1710.000U | 1670.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3660.000U | 3660.000U | 3610.000U | 3660.000U | 1170.000U | 3660.000U | 3570.000U |

| Method | Compound | Units | GPTS5BA3306 12/5/96 | GPTS5BA3311 12/5/96 | GPTS5bA5108 12/4/96 | GPTS5bA5115 12/4/96 | GPTS5bA5206 12/4/96 | GPTS5bA5213 12/4/96 | GPTS5BA5306 12/5/96 |
|---|---|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 1800.000U | 2000.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1900.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 1800.000U | 2000.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1900.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 1800.000U | 2000.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1900.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | 2-NITROANILINE | UGKG | 1800.000U | 2000.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1900.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 750.000U | 800.000U | 800.000U | 800.000U | 730.000U | 800.000U | 780.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | 3-NITROANILINE | UGKG | 1800.000U | 2000.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1900.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | 4-NITROANILINE | UG/KG | 1800.000U | 2000.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1900.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 1800.000U | 2000.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1900.000U |
| SW8270 | CARBAZOLE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | FLUORENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | ACENAPHTHENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | ANTHRACENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | PYRENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | BENZOIC ACID | UGKG | 1800.000U | 2000.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1900.000U |
| SW8270 | BENZYL ALCOHOL | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 440.000 | 50.000J | 44.000J | 140.000J | 860.000 | 51.000J | 390.000U |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | CHRYSENE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | DIBENZOFURAN | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 380.000U | 400.000U | 400.000U | 400.000U | 370.000U | 400.000U | 390.000U |

| Method | Compound | Units | GPTS5BA5313 | GPTS5BA5406 | GPTS5BA5406DUP | GPTS5BA5414 | GPTS5BA5505 | GPTS5BA5513 | GPTS5BA6105 |
|---|---|---|---|---|---|---|---|---|---|
| | | | 12/5/96 | 12/5/96 | 12/5/96 | 12/5/96 | 12/5/96 | 12/5/96 | 12/10/96 |
| SW6010 | ARSENIC | MGKG | 2.000 | 0.790B | | 0.400U | 0.940B | 2.000 | 0.370U |
| SW6010 | BARIUM | MGKG | 0.980 | 8.300 | | 2.200 | 9.500 | 3.800 | 7.500 |
| SW6010 | CADMIUM | MGKG | 0.050U | 0.050U | | 0.050U | 0.060B | 0.050U | 0.050U |
| SW6010 | CHROMIUM | MGKG | 1.300 | 3.700 | | 1.900 | 9.200 | 3.100 | 2.900 |
| SW6010 | LEAD | MGKG | 1.400 | 3.100 | | 1.300 | 4.900 | 1.900 | 2.200 |
| SW6010 | SELENIUM | MGKG | 0.360U | 0.360U | | 0.370U | 0.340U | 0.380U | 0.340U |
| SW6010 | SILVER | MGKG | 0.230U | 0.230U | | 0.230U | 0.220U | 0.240U | 0.220U |
| SW7471 | MERCURY | MGKG | 0.040U | 0.040U | | 0.040U | 0.040U | 0.040U | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1- | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 2.900U | 3.200U | 2.800U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 2.900U | 3.200U | 2.800U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 2.900U | 3.200U | 2.800U |
| SW8080 | ALDRIN | UGKG | 1.600U | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.600U | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.600U | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 2.900U | 3.200U | 2.800U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | DIELDRIN | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 2.900U | 3.200U | 2.800U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 2.900U | 3.200U | 2.800U |
| SW8080 | ENDRIN | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 2.900U | 3.200U | 2.800U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 2.900U | 3.200U | 2.800U |
| SW8080 | ENDRIN KETONE | UGKG | 3.000U | 3.000U | 3.000U | 3.000U | 2.900U | 3.200U | 2.800U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.600U | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.600U | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | HEPTACHLOR | UGKG | 1.600U | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.600U | 1.500U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | METHOXYCHLOR | UGKG | 16.000U | 15.000U | 15.000U | 16.000U | 15.000U | 16.000U | 15.000U |
| SW8080 | PCB 1016 | UGKG | 40.000U | 39.000U | 39.000U | 40.000U | 38.000U | 42.000U | 37.000U |
| SW8080 | PCB 1221 | UGKG | 40.000U | 39.000U | 39.000U | 40.000U | 38.000U | 42.000U | 37.000U |
| SW8080 | PCB 1232 | UGKG | 40.000U | 39.000U | 39.000U | 40.000U | 38.000U | 42.000U | 37.000U |
| SW8080 | PCB 1242 | UGKG | 40.000U | 39.000U | 39.000U | 40.000U | 38.000U | 42.000U | 37.000U |
| SW8080 | PCB 1248 | UGKG | 40.000U | 39.000U | 39.000U | 40.000U | 38.000U | 42.000U | 37.000U |
| SW8080 | PCB 1254 | UGKG | 81.000U | 80.000U | 80.000U | 82.000U | 77.000U | 85.000U | 76.000U |
| SW8080 | PCB 1260 | UGKG | 81.000U | 80.000U | 80.000U | 82.000U | 77.000U | 85.000U | 76.000U |
| SW8080 | TOXAPHENE | UGKG | 100.000U | 99.000U | 99.000U | 100.000U | 95.000U | 100.000U | 94.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 19.000U | 19.000U | 19.000U | 20.000U | 18.000U | 20.000U | 18.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 120.000U | 119.000U | 119.000U | 122.000U | 115.000U | 127.000U | 114.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 75.000U | 74.000U | 74.000U | 76.000U | 71.000U | 78.000U | 70.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 45.000U | 44.000U | 44.000U | 45.000U | 43.000U | 47.000U | 42.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 64.000U | 63.000U | 63.000U | 65.000U | 61.000U | 67.000U | 60.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 28.000U | 27.000U | 27.000U | 28.000U | 26.000U | 29.000U | 26.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 17.000U | 17.000U | 17.000U | 17.000U | 16.000U | 18.000U | 16.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1690.000U | 1670.000U | 1670.000U | 1710.000U | 1610.000U | 1770.000U | 1590.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3620.000U | 3570.000U | 3570.000U | 3660.000U | 3450.000U | 3800.000U | 3410.000U |

| Method | Compound | Units | GPTS5BA5313 12/5/96 | GPTS5BA5406 12/5/96 | GPTS5BA5406DUP 12/5/96 | GPTS5BA5414 12/5/96 | GPTS5BA5505 12/5/96 | GPTS5BA5513 12/5/96 | GPTS5BA6105 12/10/96 |
|---|---|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 1900.000U | 1900.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 1900.000U | 1900.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 1900.000U | 1900.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | 2-NITROANILINE | UGKG | 1900.000U | 1900.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 800.000U | 780.000U | 780.000U | 810.000U | 760.000U | 840.000U | 750.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | 3-NITROANILINE | UGKG | 1900.000U | 1900.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | 4-NITROANILINE | UG/KG | 1900.000U | 1900.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 1900.000U | 1900.000U | 1900.000U | 2000.000U | 1800.000U | 2000.000U | 1800.000U |
| SW8270 | CARBAZOLE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | FLUORENE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | ACENAPHTHENE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | ANTHRACENE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | PYRENE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | BENZOIC ACID | UGKG | 40.000J | 1900.000U | 1900.000U | 100.000J | 1800.000U | 49.000J | 1800.000U |
| SW8270 | BENZYL ALCOHOL | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 400.000U | 390.000U | 390.000U | 120.000J | 51.000J | 160.000J | 380.000U |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | CHRYSENE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | DIBENZOFURAN | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 400.000U | 390.000U | 390.000U | 410.000U | 380.000U | 420.000U | 380.000U |

| Method | Compound | Units | GPTS5BA6112 12/10/96 | S5BA6205 12/1 12/10/96 | GPTS5BA6213 12/10/96 | GPTS5BA6305 12/10/96 | GPTS5BA6312 12/10/96 | GPTS5BA6405 12/10/96 | GPTS5BA6412 12/10/96 |
|---|---|---|---|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | 1.400 | 0.600B | 1.800 | 0.670B | 1.500 | 0.390U | 0.850B |
| SW6010 | BARIUM | MGKG | 1.600 | 9.400 | 2.300 | 6.600 | 1.300 | 8.500 | 1.000 |
| SW6010 | CADMIUM | MGKG | 0.060B | 0.060U | 0.060U | 0.050U | 0.070B | 0.050U | 0.050U |
| SW6010 | CHROMIUM | MGKG | 3.900 | 6.500 | 2.000 | 2.500 | 3.100 | 2.700 | 1.400 |
| SW6010 | LEAD | MGKG | 1.600 | 4.200 | 1.800 | 1.800 | 1.800 | 2.100 | 1.500 |
| SW6010 | SELENIUM | MGKG | 0.360U | 0.420U | 0.420U | 0.400B | 0.380U | 0.350U | 0.420B |
| SW6010 | SILVER | MGKG | 0.230U | 0.270U | 0.270U | 0.220U | 0.240U | 0.220U | 0.230U |
| SW7471 | MERCURY | MGKG | 0.040U | 0.050U | 0.050U | 0.040U | 0.040U | 0.040U | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1- | UGKG | 3.000U | 3.500U | 3.500U | 2.900U | 3.100U | 2.900U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 3.000U | 3.500U | 3.500U | 2.900U | 3.100U | 2.900U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 3.000U | 3.500U | 3.500U | 2.900U | 3.100U | 2.900U | 3.000U |
| SW8080 | ALDRIN | UGKG | 1.600U | 1.800U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.800U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.600U | 1.800U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.600U | 1.800U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.800U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 3.000U | 3.500U | 3.500U | 2.900U | 3.100U | 2.900U | 3.000U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.800U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | DIELDRIN | UGKG | 3.000U | 3.500U | 3.500U | 2.900U | 3.100U | 2.900U | 3.000U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 3.000U | 3.500U | 3.500U | 2.900U | 3.100U | 2.900U | 3.000U |
| SW8080 | ENDRIN | UGKG | 3.000U | 3.500U | 3.500U | 2.900U | 3.100U | 2.900U | 3.000U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 3.000U | 3.500U | 3.500U | 2.900U | 3.100U | 2.900U | 3.000U |
| SW8080 | ENDRIN KETONE | UGKG | 3.000U | 3.500U | 3.500U | 2.900U | 3.100U | 2.900U | 3.000U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.600U | 1.800U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.600U | 1.800U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | HEPTACHLOR | UGKG | 1.600U | 1.800U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.600U | 1.800U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U |
| SW8080 | METHOXYCHLOR | UGKG | 16.000U | 18.000U | 18.000U | 15.000U | 16.000U | 15.000U | 16.000U |
| SW8080 | PCB 1016 | UGKG | 40.000U | 46.000U | 46.000U | 38.000U | 41.000U | 39.000U | 40.000U |
| SW8080 | PCB 1221 | UGKG | 40.000U | 46.000U | 46.000U | 38.000U | 41.000U | 39.000U | 40.000U |
| SW8080 | PCB 1232 | UGKG | 40.000U | 46.000U | 46.000U | 38.000U | 41.000U | 39.000U | 40.000U |
| SW8080 | PCB 1242 | UGKG | 40.000U | 46.000U | 46.000U | 38.000U | 41.000U | 39.000U | 40.000U |
| SW8080 | PCB 1248 | UGKG | 40.000U | 46.000U | 46.000U | 38.000U | 41.000U | 39.000U | 40.000U |
| SW8080 | PCB 1254 | UGKG | 81.000U | 94.000U | 94.000U | 77.000U | 84.000U | 79.000U | 82.000U |
| SW8080 | PCB 1260 | UGKG | 81.000U | 94.000U | 94.000U | 77.000U | 84.000U | 79.000U | 82.000U |
| SW8080 | TOXAPHENE | UGKG | 100.000U | 120.000U | 120.000U | 95.000U | 100.000U | 98.000U | 100.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 19.000U | 23.000U | 23.000U | 18.000U | 20.000U | 19.000U | 20.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 120.000U | 141.000U | 141.000U | 115.000U | 125.000U | 118.000U | 122.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 75.000U | 87.000U | 87.000U | 71.000U | 78.000U | 73.000U | 76.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 45.000U | 52.000U | 52.000U | 43.000U | 46.000U | 44.000U | 45.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 64.000U | 75.000U | 75.000U | 61.000U | 66.000U | 62.000U | 65.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 28.000U | 32.000U | 32.000U | 26.000U | 29.000U | 27.000U | 28.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 17.000U | 20.000U | 20.000U | 16.000U | 18.000U | 16.000U | 17.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1690.000U | 1970.000U | 1970.000U | 1610.000U | 1750.000U | 1650.000U | 1710.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3610.000U | 4220.000U | 4230.000U | 3450.000U | 3750.000U | 3530.000U | 3660.000U |

| Method | Compound | Units | GPTS5BA6112 12/10/96 | S5BA6205 12/1 12/10/96 | GPTS5BA6213 12/10/96 | GPTS5BA6305 12/10/96 | GPTS5BA6312 12/10/96 | GPTS5BA6405 12/10/96 | GPTS5BA6412 12/10/96 |
|---|---|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 1900.000U | 2200.000U | 2200.000U | 1800.000U | 2000.000U | 1900.000U | 2000.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 1900.000U | 2200.000U | 2200.000U | 1800.000U | 2000.000U | 1900.000U | 2000.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 1900.000U | 2200.000U | 2200.000U | 1800.000U | 2000.000U | 1900.000U | 2000.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | 2-NITROANILINE | UGKG | 1900.000U | 2200.000U | 2200.000U | 1800.000U | 2000.000U | 1900.000U | 2000.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 800.000U | 930.000U | 930.000U | 760.000U | 820.000U | 780.000U | 800.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 160.000J | 390.000U | 400.000U |
| SW8270 | 3-NITROANILINE | UGKG | 1900.000U | 2200.000U | 2200.000U | 1800.000U | 2000.000U | 1900.000U | 2000.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | 4-NITROANILINE | UG/KG | 1900.000U | 2200.000U | 2200.000U | 1800.000U | 2000.000U | 1900.000U | 2000.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 1900.000U | 2200.000U | 2200.000U | 1800.000U | 2000.000U | 1900.000U | 2000.000U |
| SW8270 | CARBAZOLE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | FLUORENE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | ACENAPHTHENE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | ANTHRACENE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 140.000J | 390.000U | 400.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 75.000J | 390.000U | 400.000U |
| SW8270 | PYRENE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 210.000J | 390.000U | 400.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | BENZOIC ACID | UGKG | 61.000J | 2200.000U | 88.000J | 73.000J | 64.000J | 85.000J | 2000.000U |
| SW8270 | BENZYL ALCOHOL | UGKG | 110.000J | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 94.000J | 670.000 | 93.000J | 41.000J | 140.000J | 380.000J | 78.000J |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | CHRYSENE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 150.000J | 390.000U | 400.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | DIBENZOFURAN | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 400.000U | 460.000U | 460.000U | 380.000U | 410.000U | 390.000U | 400.000U |

| Method | Compound | Units | GPTS5BA6505 | GPTS5BA6510 | GPTS5BA6606 | GPTS5BA6613 | GPTS5BA9106 | GPTS5BA9114 | GPTS5BA9206 |
|---|---|---|---|---|---|---|---|---|---|
| | | | 12/9/96 | 12/9/96 | 12/9/96 | 12/9/96 | 12/11/96 | 12/11/96 | 12/11/96 |
| SW6010 | ARSENIC | MGKG | 0.450B | 4.300 | 0.380U | 1.400 | 0.450B* | 1.200B* | 0.380U* |
| SW6010 | BARIUM | MGKG | 9.100 * | 2.500 * | 1.100 * | 1.400 * | 9.700 | 1.100 | 13.100 |
| SW6010 | CADMIUM | MGKG | 0.050U | 0.090B | 0.050U | 0.050U | 0.050U | 0.050U | 0.050U |
| SW6010 | CHROMIUM | MGKG | 2.500 * | 5.200 * | 2.100 * | 4.000 * | 4.700 * | 1.400 * | 11.200 * |
| SW6010 | LEAD | MGKG | 2.200 * | 3.600 * | 1.000 * | 1.600 * | 3.100 * | 1.100 * | 1.500 * |
| SW6010 | SELENIUM | MGKG | 0.350U | 0.510B | 0.350U | 0.380U | 0.360B | 0.370U | 0.340U |
| SW6010 | SILVER | MGKG | 0.220U | 0.260U | 0.220U | 0.240U | 0.220U | 0.240U | 0.220U |
| SW7471 | MERCURY | MGKG | 0.040U | 0.050U | 0.040U | 0.040U | 0.040U | 0.040U | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1- | UGKG | 2.900U | 3.400U | 2.900U | 3.200U | 2.900U | 3.100U | 2.800U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 2.900U | 3.400U | 2.900U | 3.200U | 2.900U | 3.100U | 2.800U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 2.900U | 3.400U | 2.900U | 3.200U | 2.900U | 3.100U | 2.800U |
| SW8080 | ALDRIN | UGKG | 1.500U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.500U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.500U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 2.900U | 3.400U | 2.900U | 3.200U | 2.900U | 3.100U | 2.800U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.500U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | DIELDRIN | UGKG | 2.900U | 3.400U | 2.900U | 3.200U | 2.900U | 3.100U | 2.800U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 2.900U | 3.400U | 2.900U | 3.200U | 2.900U | 3.100U | 2.800U |
| SW8080 | ENDRIN | UGKG | 2.900U | 3.400U | 2.900U | 3.200U | 2.900U | 3.100U | 2.800U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 2.900U | 3.400U | 2.900U | 3.200U | 2.900U | 3.100U | 2.800U |
| SW8080 | ENDRIN KETONE | UGKG | 2.900U | 3.400U | 2.900U | 3.200U | 2.900U | 3.100U | 2.800U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.500U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.500U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | HEPTACHLOR | UGKG | 1.500U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.500U | 1.800U | 1.500U | 1.600U | 1.500U | 1.600U | 1.500U |
| SW8080 | METHOXYCHLOR | UGKG | 15.000U | 18.000U | 15.000U | 16.000U | 15.000U | 16.000U | 15.000U |
| SW8080 | PCB 1016 | UGKG | 39.000U | 45.000U | 38.000U | 42.000U | 38.000U | 41.000U | 38.000U |
| SW8080 | PCB 1221 | UGKG | 39.000U | 45.000U | 38.000U | 42.000U | 38.000U | 41.000U | 38.000U |
| SW8080 | PCB 1232 | UGKG | 39.000U | 45.000U | 38.000U | 42.000U | 38.000U | 41.000U | 38.000U |
| SW8080 | PCB 1242 | UGKG | 39.000U | 45.000U | 38.000U | 42.000U | 38.000U | 41.000U | 38.000U |
| SW8080 | PCB 1248 | UGKG | 39.000U | 45.000U | 38.000U | 42.000U | 38.000U | 41.000U | 38.000U |
| SW8080 | PCB 1254 | UGKG | 79.000U | 92.000U | 77.000U | 85.000U | 78.000U | 84.000U | 76.000U |
| SW8080 | PCB 1260 | UGKG | 79.000U | 92.000U | 77.000U | 85.000U | 78.000U | 84.000U | 76.000U |
| SW8080 | TOXAPHENE | UGKG | 98.000U | 110.000U | 95.000U | 100.000U | 96.000U | 100.000U | 94.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 19.000U | 22.000U | 18.000U | 20.000U | 19.000U | 20.000U | 18.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 118.000U | 137.000U | 115.000U | 127.000U | 116.000U | 125.000U | 114.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 73.000U | 85.000U | 71.000U | 78.000U | 72.000U | 78.000U | 70.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 44.000U | 51.000U | 43.000U | 47.000U | 43.000U | 46.000U | 42.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 62.000U | 73.000U | 61.000U | 67.000U | 62.000U | 66.000U | 60.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 27.000U | 32.000U | 26.000U | 29.000U | 27.000U | 29.000U | 26.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 16.000U | 19.000U | 16.000U | 18.000U | 16.000U | 18.000U | 16.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1650.000U | 1920.000U | 1610.000U | 1770.000U | 1630.000U | 1750.000U | 1600.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3530.000U | 4110.000U | 3450.000U | 3800.000U | 3490.000U | 3750.000U | 3410.000U |

| Method | Compound | Units | GPTS5BA6505 12/9/96 | GPTS5BA6510 12/9/96 | GPTS5BA6606 12/9/96 | GPTS5BA6613 12/9/96 | GPTS5BA9106 12/11/96 | GPTS5BA9114 12/11/96 | GPTS5BA9206 12/11/96 |
|---|---|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 1900.000U | 2200.000U | 1800.000U | 2000.000U | 1900.000U | 2000.000U | 1800.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 1900.000U | 2200.000U | 1800.000U | 2000.000U | 1900.000U | 2000.000U | 1800.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 1900.000U | 2200.000U | 1800.000U | 2000.000U | 1900.000U | 2000.000U | 1800.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | 2-NITROANILINE | UGKG | 1900.000U | 2200.000U | 1800.000U | 2000.000U | 1900.000U | 2000.000U | 1800.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 780.000U | 900.000U | 760.000U | 840.000U | 770.000U | 820.000U | 750.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | 3-NITROANILINE | UGKG | 1900.000U | 2200.000U | 1800.000U | 2000.000U | 1900.000U | 2000.000U | 1800.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | 4-NITROANILINE | UG/KG | 1900.000U | 2200.000U | 1800.000U | 2000.000U | 1900.000U | 2000.000U | 1800.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 1900.000U | 2200.000U | 1800.000U | 2000.000U | 1900.000U | 2000.000U | 1800.000U |
| SW8270 | CARBAZOLE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | FLUORENE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | ACENAPHTHENE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | ANTHRACENE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | PYRENE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | BENZOIC ACID | UGKG | 1900.000U | 56.000J | 270.000J | 140.000J | 1900.000U | 2000.000U | 59.000J |
| SW8270 | BENZYL ALCOHOL | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 390.000U | 49.000J | 78.000J | 51.000J | 88.000J | 98.000J | 99.000J |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | CHRYSENE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | DIBENZOFURAN | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 390.000U | 450.000U | 380.000U | 420.000U | 380.000U | 410.000U | 380.000U |

| Method | Compound | Units | GPTS5BA9214 12/11/96 | GPTS5BA9306 12/11/96 | GPTS5BA9314 12/11/96 | GPTS5BA9314DUP 12/11/96 | GPTS5BA9405 12/10/96 | GPTS5BA9413 12/10/96 |
|---|---|---|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | 1.000B* | 0.380U* | 2.100 * | | 1.000B | 0.400U* |
| SW6010 | BARIUM | MGKG | 0.810B | 9.700 | 1.100 | | 11.900 | 1.800 |
| SW6010 | CADMIUM | MGKG | 0.050U | 0.050U | 0.050U | | 0.040U | 0.050U |
| SW6010 | CHROMIUM | MGKG | 1.000B* | 9.000 * | 1.700 * | | 4.600 | 9.100 * |
| SW6010 | LEAD | MGKG | 1.300 * | 2.500 * | 1.300 * | | 3.200 | 1.200 * |
| SW6010 | SELENIUM | MGKG | 0.540B | 0.340U | 0.410U | | 0.310U | 0.370U |
| SW6010 | SILVER | MGKG | 0.240U | 0.220U | 0.260U | | 0.200U | 0.230U |
| SW7471 | MERCURY | MGKG | 0.040U | 0.040U | 0.050U | | 0.030U | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1- | UGKG | 3.100U | 2.900U | 3.400U | 3.400U | 2.600U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 3.100U | 2.900U | 3.400U | 3.400U | 2.600U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 3.100U | 2.900U | 3.400U | 3.400U | 2.600U | 3.000U |
| SW8080 | ALDRIN | UGKG | 1.600U | 1.500U | 1.800U | 1.800U | 1.300U | 1.600U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.500U | 1.800U | 1.800U | 1.300U | 1.600U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.600U | 1.500U | 1.800U | 1.800U | 1.300U | 1.600U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.600U | 1.500U | 1.800U | 1.800U | 1.300U | 1.600U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.500U | 1.800U | 1.800U | 1.300U | 1.600U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 3.100U | 2.900U | 3.400U | 3.400U | 2.600U | 3.000U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.500U | 1.800U | 1.800U | 1.300U | 1.600U |
| SW8080 | DIELDRIN | UGKG | 3.100U | 2.900U | 3.400U | 3.400U | 2.600U | 3.000U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 3.100U | 2.900U | 3.400U | 3.400U | 2.600U | 3.000U |
| SW8080 | ENDRIN | UGKG | 3.100U | 2.900U | 3.400U | 3.400U | 2.600U | 3.000U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 3.100U | 2.900U | 3.400U | 3.400U | 2.600U | 3.000U |
| SW8080 | ENDRIN KETONE | UGKG | 3.100U | 2.900U | 3.400U | 3.400U | 2.600U | 3.000U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.600U | 1.500U | 1.800U | 1.800U | 1.300U | 1.600U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.600U | 1.500U | 1.800U | 1.800U | 1.300U | 1.600U |
| SW8080 | HEPTACHLOR | UGKG | 1.600U | 1.500U | 1.900 | 1.800U | 1.300U | 1.700 |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.600U | 1.500U | 1.800U | 1.800U | 1.300U | 1.600U |
| SW8080 | METHOXYCHLOR | UGKG | 16.000U | 15.000U | 18.000U | 18.000U | 13.000U | 16.000U |
| SW8080 | PCB 1016 | UGKG | 41.000U | 38.000U | 44.000U | 44.000U | 34.000U | 40.000U |
| SW8080 | PCB 1221 | UGKG | 41.000U | 38.000U | 44.000U | 44.000U | 34.000U | 40.000U |
| SW8080 | PCB 1232 | UGKG | 41.000U | 38.000U | 44.000U | 44.000U | 34.000U | 40.000U |
| SW8080 | PCB 1242 | UGKG | 41.000U | 38.000U | 44.000U | 44.000U | 34.000U | 40.000U |
| SW8080 | PCB 1248 | UGKG | 41.000U | 38.000U | 44.000U | 44.000U | 34.000U | 40.000U |
| SW8080 | PCB 1254 | UGKG | 84.000U | 77.000U | 90.000U | 90.000U | 69.000U | 82.000U |
| SW8080 | PCB 1260 | UGKG | 84.000U | 77.000U | 90.000U | 90.000U | 69.000U | 82.000U |
| SW8080 | TOXAPHENE | UGKG | 100.000U | 95.000U | 110.000U | 110.000U | 86.000U | 100.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 20.000U | 18.000U | 22.000U | 22.000U | 16.000U | 20.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 125.000U | 115.000U | 135.000U | 135.000U | 103.000U | 122.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 78.000U | 71.000U | 84.000U | 84.000U | 64.000U | 76.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 46.000U | 43.000U | 50.000U | 50.000U | 38.000U | 45.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 66.000U | 61.000U | 72.000U | 72.000U | 55.000U | 65.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 29.000U | 26.000U | 31.000U | 31.000U | 24.000U | 28.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 18.000U | 16.000U | 19.000U | 19.000U | 14.000U | 17.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1750.000U | 1610.000U | 1890.000U | 1890.000U | 1440.000U | 1710.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3750.000U | 3450.000U | 4060.000U | 4060.000U | 3100.000U | 3660.000U |

| Method | Compound | Units | GPTS5BA9214 12/11/96 | GPTS5BA9306 12/11/96 | GPTS5BA9314 12/11/96 | GPTS5BA9314DUP 12/11/96 | GPTS5BA9405 12/10/96 | GPTS5BA9413 12/10/96 |
|---|---|---|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 2000.000U | 1800.000U | 2200.000U | 2200.000U | 1600.000U | 2000.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 2000.000U | 1800.000U | 2200.000U | 2200.000U | 1600.000U | 2000.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 2000.000U | 1800.000U | 2200.000U | 2200.000U | 1600.000U | 2000.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 110.000J | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | 2-NITROANILINE | UGKG | 2000.000U | 1800.000U | 2200.000U | 2200.000U | 1600.000U | 2000.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 820.000U | 760.000U | 890.000U | 890.000U | 680.000U | 800.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | 3-NITROANILINE | UGKG | 2000.000U | 1800.000U | 2200.000U | 2200.000U | 1600.000U | 2000.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | 4-NITROANILINE | UG/KG | 2000.000U | 1800.000U | 2200.000U | 2200.000U | 1600.000U | 2000.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 2000.000U | 1800.000U | 2200.000U | 2200.000U | 1600.000U | 2000.000U |
| SW8270 | CARBAZOLE | UGKG | 68.000J | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | FLUORENE | UGKG | 200.000J | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | ACENAPHTHENE | UGKG | 200.000J | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | ANTHRACENE | UGKG | 100.000J | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 58.000J | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | PYRENE | UGKG | 210.000J | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | BENZOIC ACID | UGKG | 100.000J | 44.000J | 2200.000U | 2200.000U | 42.000J | 2000.000U |
| SW8270 | BENZYL ALCOHOL | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 53.000J | 130.000J | 650.000 | 120.000J | 94.000J | 78.000J |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | CHRYSENE | UGKG | 56.000J | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | DIBENZOFURAN | UGKG | 170.000J | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 410.000U | 380.000U | 440.000U | 440.000U | 340.000U | 400.000U |

| Method | Compound | Units | GPTS5BA9413DUP 12/10/96 | GPTS5BA9505 12/10/96 | GPTS5BA9513 12/10/96 |
|---|---|---|---|---|---|
| SW6010 | ARSENIC | MGKG | | 0.360U | 0.400U |
| SW6010 | BARIUM | MGKG | | 3.900 | 3.000 |
| SW6010 | CADMIUM | MGKG | | 0.040U | 0.060B |
| SW6010 | CHROMIUM | MGKG | | 2.000 | 2.500 |
| SW6010 | LEAD | MGKG | | 1.200 | 2.400 |
| SW6010 | SELENIUM | MGKG | | 0.330U | 0.720 |
| SW6010 | SILVER | MGKG | | 0.210U | 0.230U |
| SW7471 | MERCURY | MGKG | | 0.170 | 0.040U |
| SW8080 | 2,2-BIS (PARA-CHLOROPHENYL)-1,1,1- | UGKG | 3.000U | 2.700U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHANE | UGKG | 3.000U | 2.700U | 3.000U |
| SW8080 | 2,2-BIS(P-CHLOROPHENYL)-1,1-DICHLOROETHENE | UGKG | 3.000U | 2.700U | 3.000U |
| SW8080 | ALDRIN | UGKG | 1.600U | 1.400U | 1.600U |
| SW8080 | ALPHA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.400U | 1.600U |
| SW8080 | ALPHA-CHLORDANE | UGKG | 1.600U | 1.400U | 1.600U |
| SW8080 | ALPHA-ENDOSULFAN | UGKG | 1.600U | 1.400U | 1.600U |
| SW8080 | BETA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.400U | 1.600U |
| SW8080 | BETA-ENDOSULFAN | UGKG | 3.000U | 2.700U | 3.000U |
| SW8080 | DELTA-BENZENEHEXACHLORIDE | UGKG | 1.600U | 1.400U | 1.600U |
| SW8080 | DIELDRIN | UGKG | 3.000U | 2.700U | 3.000U |
| SW8080 | ENDOSULFAN SULFATE | UGKG | 3.000U | 2.700U | 3.000U |
| SW8080 | ENDRIN | UGKG | 3.000U | 2.700U | 3.000U |
| SW8080 | ENDRIN ALDEHYDE | UGKG | 3.000U | 2.700U | 3.000U |
| SW8080 | ENDRIN KETONE | UGKG | 3.000U | 2.700U | 3.000U |
| SW8080 | GAMMA-CHLORDANE | UGKG | 1.600U | 1.400U | 1.600U |
| SW8080 | GAMMA-HEXOCHLOROCYHEXANE | UGKG | 1.600U | 1.400U | 1.600U |
| SW8080 | HEPTACHLOR | UGKG | 1.800 | 1.400U | 1.600U |
| SW8080 | HEPTACHLOR EPOXIDE | UGKG | 1.600U | 1.400U | 1.600U |
| SW8080 | METHOXYCHLOR | UGKG | 16.000U | 14.000U | 16.000U |
| SW8080 | PCB 1016 | UGKG | 40.000U | 36.000U | 40.000U |
| SW8080 | PCB 1221 | UGKG | 40.000U | 36.000U | 40.000U |
| SW8080 | PCB 1232 | UGKG | 40.000U | 36.000U | 40.000U |
| SW8080 | PCB 1242 | UGKG | 40.000U | 36.000U | 40.000U |
| SW8080 | PCB 1248 | UGKG | 40.000U | 36.000U | 40.000U |
| SW8080 | PCB 1254 | UGKG | 82.000U | 74.000U | 81.000U |
| SW8080 | PCB 1260 | UGKG | 82.000U | 74.000U | 81.000U |
| SW8080 | TOXAPHENE | UGKG | 100.000U | 91.000U | 100.000U |
| SW8150 | (2,4,5-TRICHLOROPHENOXY)ACETIC ACID | UGKG | 20.000U | 18.000U | 19.000U |
| SW8150 | 4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID | UGKG | 122.000U | 110.000U | 120.000U |
| SW8150 | 2,4-DICHLOROPHENOXYACETIC ACID | UGKG | 76.000U | 68.000U | 75.000U |
| SW8150 | 2,4-DINITRO-6-SEC-BUTYLPHENOL | UGKG | 45.000U | 41.000U | 45.000U |
| SW8150 | 2-(2,4-DICHLOROPHENOXY)PROPIONIC ACID | UGKG | 65.000U | 58.000U | 64.000U |
| SW8150 | 2-METHOXY-3,6-DICHLOROBENZOIC ACID | UGKG | 28.000U | 25.000U | 28.000U |
| SW8150 | 2-(2,4,5-TRICHLOROPHENOXY)PROPIONIC ACID | UGKG | 17.000U | 15.000U | 17.000U |
| SW8150 | ALPHA,ALPHA-DICHLOROPROPIONIC ACID | UGKG | 1710.000U | 1540.000U | 1690.000U |
| SW8150 | (4-CHLORO-2-METHYLPHENOXY)ACETIC ACID | UGKG | 3660.000U | 3300.000U | 3610.000U |

| Method | Compound | Units | GPTS5BA9413DUP 12/10/96 | GPTS5BA9505 12/10/96 | GPTS5BA9513 12/10/96 |
|---|---|---|---|---|---|
| SW8270 | 1,4-DICHLOROBENZENE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | 2,4,5-TRICHLOROPHENOL | UGKG | 2000.000U | 1800.000U | 1900.000U |
| SW8270 | 2,4,6-TRICHLOROPHENOL | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | 2,4-DICHLOROPHENOL | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | 2,4-DIMETHYLPHENOL | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | 2,4-DINITROPHENOL | UGKG | 2000.000U | 1800.000U | 1900.000U |
| SW8270 | 2,4-DINITROTOLUENE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | 2,6-DINITROTOLUENE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | 2-CHLORONAPHTHALENE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | 2-CHLOROPHENOL | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | 4,6-DINITRO-2-CRESOL | UGKG | 2000.000U | 1800.000U | 1900.000U |
| SW8270 | 2-METHYLNAPHTHALENE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | 2-METHYLPHENOL | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | 2-NITROANILINE | UGKG | 2000.000U | 1800.000U | 1900.000U |
| SW8270 | 2-NITROPHENOL | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | 3,3'-DICHLOROBENZIDINE | UGKG | 800.000U | 720.000U | 800.000U |
| SW8270 | BENZO[B]FLUORANTHENE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | 3-NITROANILINE | UGKG | 2000.000U | 1800.000U | 1900.000U |
| SW8270 | 4-CHLOROANILINE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | 4-METHYLPHENOL | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | 4-NITROANILINE | UG/KG | 2000.000U | 1800.000U | 1900.000U |
| SW8270 | 4-NITROPHENOL | UGKG | 2000.000U | 1800.000U | 1900.000U |
| SW8270 | CARBAZOLE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | FLUORENE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | ACENAPHTHENE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | ACENAPHTHYLENE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | ANTHRACENE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | BENZO[A]ANTHRACENE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | BENZO[A]PYRENE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | PYRENE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | BENZO[GHI]PERYLENE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | BENZO[K]FLUORANTHENE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | BENZOIC ACID | UGKG | 2000.000U | 1800.000U | 1900.000U |
| SW8270 | BENZYL ALCOHOL | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | BIS(2-CHLOROETHOXY) METHANE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | BIS(2-CHLOROETHYL) ETHER | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | BIS(2-CHLOROISOPROPYL) ETHER | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | BIS(2-ETHYLHEXYL) PHTHALATE | UGKG | 88.000J | 38.000J | 54.000J |
| SW8270 | BUTYLBENZYL PHTHALATE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | CHRYSENE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | DI-N-BUTYL PHTHALATE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | DI-N-OCTYL PHTHALATE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | DIBENZOFURAN | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | DIETHYL PHTHALATE | UGKG | 400.000U | 360.000U | 400.000U |
| SW8270 | DIMETHYL PHTHALATE | UGKG | 400.000U | 360.000U | 400.000U |

**Southwest Laboratory of Oklahoma, Inc.**

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# ORGANICS QUALIFIER FLAGS

| | |
|---|---|
| U | Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture. For example, 10 U for phenol in water if the sample final volume is the protocol-specified final volume. If a 1 to 10 dilution of extract is necessary, the reported limit is 100 U. For a soil sample, the value must also be adjusted for percent moisture. For example, if the sample had 24% moisture and a 1 to 10 dilution factor, the sample quantitation limit for phenol (330 U) would be corrected to:<br><br>$\frac{(330\ U)}{D} \times df$ where $D = \frac{100 - \%\ moisture}{100}$<br><br>and df = dilution factor<br><br>at 24% moisture, $D = \frac{100-24}{100} = 0.76$<br><br>$\frac{(330\ U)}{.76} \times 10 = 4300$ U rounded to the appropriate number of significant figures |
| J | Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identify compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero. For example, if the sample quantitation limit is 10 ug/L, but a concentration of 3 µg/L is calculated, report it as 3J. The sample quantitation limit must be adjusted for both dilution and percent moisture as discussed for the U flag, so that if a sample with 24% moisture and a 1 to 10 dilution factor has a calculated concentration of 300 µg/Kg and a sample quantitation limit of 430 µg/Kg, report the concentration as 300J on Form I. |
| N | Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used. |
| P | This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with a "P". |
| C | This flag applies to pesticide results where the identification has been confirmed by GC/MS. Single component pesticides >10 ng/ul in the final extract shall be confirmed by GC/MS. |
| B | This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action. This flag must be used for a TIC as well as for a positively identified TCL compound. |
| E | This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis. If one or more compounds have a response greater than full scale, the sample or extract must be diluted and reanalyzed according to the specifications in Exhibit D. All such compounds with a response greater than full scale should have the concentration flagged with an "E" on the Form I for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration range in the second analysis, then the results of both analyses shall be reported on separate Forms I. The Form I for the diluted sample shall have the "DL" suffix appended to the sample number. |
| D | This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is reanalyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and all concentration values reported on that Form I are flagged with the "D" flag. |
| A | This flag indicates that a TIC is a suspected aldol-condensation product. |
| X | Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such descriptions attached to the Sample Data Summary Package and the Case Narrative. If more than one is required, use "Y" and "Z", as needed. If more than five qualifiers are required for a sample result, use the "X" flag to combine several flags, as needed. For instance, the "X" flag might combine the "A", "B", and "D" flags for some sample. |

67A

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# INORGANICS CLP QUALIFIER FLAGS

| | |
|---|---|
| B | The reported values was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL), if the analyte was analyzed for but not detected, a "U" must be entered. |
| E | The reported value is estimated because of the presence of interference. An explanatory note must be included under Comments on the Cover Page (if the problem applies to all samples) or on the specific FORM I - IN (if it is an isolated problem). |
| M | Duplicate injection precision not met. |
| N | Spike sample recovery not within control limits. |
| S | The reported value was determined by the Method of Standard Additions (MSA). |
| W | Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance. (See Exhibit E.) |
| * | Duplicate analysis not within control limits. |
| + | Correlation coefficient for the MSA is less than 0.995. |

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## METHODOLOGY

| | | |
|---|---|---|
| SM | = | Standard Methods, 17th Edition, 1989 |
| EPA | = | #EPA600/4-79-020, March 1983 |
| SW | = | EPA Methodology, "#SW846", 3rd Edition, July, 1992 |

## GENERAL QUALIFIER FLAGS

B - Analyte is detected in blank as well as sample.
J - Estimated value: concentration is below limit of quantitation
T - Trace Amount
U - Not detected above quantitation limit
> - Concentration greater than value reported
E - Compound exceeds calibration range
D - Sample dilution run or surrogates diluted out sample run at secondary dilution
I - Not quantifiable due to matrix interference
* - Surrogate outside of QC limits on both original and re-analysis

## TEST SPECIFIC FOOTNOTES

### TPH 8015

1 - Analysis shows miscellaneous peaks which cannot be identified as any specific pattern. Response factor for nearest eluting hydrocarbon standard was used to calculate concentration. Numbers indicate the approximate carbon chain length.
2 - Pattern is similar to, but not identical to standard.
3 - May be a weathered gasoline.

### APPENDIX IX SEMIVOLATILES

1 - Detected as Diphenylamine
2 - Coelute on GC Column

### TCLP SEMIVOLATILES

1 - 2-Methyl Phenol
2 - Compounds Co-elute (3&4-Methylphenol)
3 - Combination of O,M, & P Cresols

# Gulfport Site 1
## Calculated 2,3,7,8-TCDD Toxicity Equivalency Factors Summary

| Field ID | Sample Date | Units of Measure | Total TEF |
|---|---|---|---|
| GPTS1BA1004 | 14-Dec-96 | NGKG | 0.82 |
| GPTS1BA1011 | 14-Dec-96 | NGKG | 0.78 |
| GPTS1BA1102 | 12-Dec-96 | NGKG | 0.60 |
| GPTS1BA1109 | 12-Dec-96 | NGKG | 0.59 |
| GPTS1BA1202 | 13-Dec-96 | NGKG | 0.95 |
| GPTS1BA1209 | 13-Dec-96 | NGKG | 0.41 |
| GPTS1BA1302 | 13-Dec-96 | NGKG | 0.52 |
| GPTS1BA1310 | 13-Dec-96 | NGKG | 0.35 |
| GPTS1BA1402 | 13-Dec-96 | NGKG | 0.91 |
| GPTS1BA1410 | 13-Dec-96 | NGKG | 0.61 |
| GPTS1BA1502 | 12-Dec-96 | NGKG | 0.40 |
| GPTS1BA1509 | 12-Dec-96 | NGKG | 0.50 |
| GPTS1BA1602 | 13-Dec-96 | NGKG | 0.75 |
| GPTS1BA1609 | 13-Dec-96 | NGKG | 0.71 |
| GPTS1BA1703 | 13-Dec-96 | NGKG | 1.01 |
| GPTS1BA1710 | 13-Dec-96 | NGKG | 1.74 |
| GPTS1BA1804 | 13-Dec-96 | NGKG | 0.62 |
| GPTS1BA1811 | 13-Dec-96 | NGKG | 0.45 |
| GPTS1BA1904 | 14-Dec-96 | NGKG | 0.96 |
| GPTS1BA1911 | 14-Dec-96 | NGKG | 0.51 |
| GPTS1BA2103 | 16-Dec-96 | NGKG | 0.53 |
| GPTS1BA2110 | 16-Dec-96 | NGKG | 0.46 |
| GPTS1BA2203 | 16-Dec-96 | NGKG | 0.50 |
| GPTS1BA2210 | 16-Dec-96 | NGKG | 0.45 |
| GPTS1BA2303 | 16-Dec-96 | NGKG | 0.51 |
| GPTS1BA2310 | 16-Dec-96 | NGKG | 0.82 |
| GPTS1BA2403 | 16-Dec-96 | NGKG | 0.78 |
| GPTS1BA2409 | 16-Dec-96 | NGKG | 0.91 |
| GPTS1BA2502 | 16-Dec-96 | NGKG | 0.95 |
| GPTS1BA2509 | 16-Dec-96 | NGKG | 0.58 |
| GPTS1BA3103 | 16-Dec-96 | NGKG | 0.45 |
| GPTS1BA3110 | 16-Dec-96 | NGKG | 0.47 |
| GPTS1BA3203 | 16-Dec-96 | NGKG | 0.68 |
| GPTS1BA3211 | 16-Dec-96 | NGKG | 0.54 |
| GPTS1BA3303 | 15-Dec-96 | NGKG | 0.40 |
| GPTS1BA3310 | 15-Dec-96 | NGKG | 0.36 |
| GPTS1BA3403 | 16-Dec-96 | NGKG | 0.50 |
| GPTS1BA3410 | 16-Dec-96 | NGKG | 0.72 |
| GPTS1BA3503 | 16-Dec-96 | NGKG | 0.63 |
| GPTS1BA3510 | 16-Dec-96 | NGKG | 0.44 |
| GPTS1BA3603 | 14-Dec-96 | NGKG | 0.58 |
| GPTS1BA3610 | 14-Dec-96 | NGKG | 0.55 |
| GPTS1BA3702 | 14-Dec-96 | NGKG | 0.49 |
| GPTS1BA3710 | 14-Dec-96 | NGKG | 0.65 |
| GPTS1BA3802 | 14-Dec-96 | NGKG | 0.96 |
| GPTS1BA3809 | 14-Dec-96 | NGKG | 0.65 |
| GPTS1BA3902 | 14-Dec-96 | NGKG | 0.90 |
| GPTS1BA3909 | 14-Dec-96 | NGKG | 0.63 |
| GPTS1BA4103 | 07-Dec-96 | NGKG | 15.01 |
| GPTS1BA4203 | 08-Dec-96 | NGKG | 0.33 |
| GPTS1BA4210 | 08-Dec-96 | NGKG | 0.42 |
| GPTS1BA4303 | 08-Dec-96 | NGKG | 0.54 |
| GPTS1BA4313 | 08-Dec-96 | NGKG | 0.39 |
| GPTS1BA4403 | 08-Dec-96 | NGKG | 0.30 |
| GPTS1BA4413 | 08-Dec-96 | NGKG | 0.20 |
| GPTS1BA5102 | 08-Dec-96 | NGKG | 0.41 |
| GPTS1BA5109 | 07-Dec-96 | NGKG | 0.24 |
| GPTS1BA5205 | 12-Dec-96 | NGKG | 0.88 |
| GPTS1BB1103 | 08-Dec-96 | NGKG | 0.49 |

**Notes:**
**Calculations of Total TEF were based upon the I-TEF/89 Toxicity Equivalency Factors for individual congeners.**
**In cases where there were no hits, the reporting limit was used to calculate the Total TEF.**

# Gulfport Site 5
## Calculated 2,3,7,8-TCDD Toxicity Equivalency Factors Summary

| Field ID | Sample Date | Units of Measure | Total TEF |
|---|---|---|---|
| GPTS5BA10106 | 09-Dec-96 | NGKG | 0.36 |
| GPTS5BA10113 | 09-Dec-96 | NGKG | 0.24 |
| GPTS5BA10206 | 09-Dec-96 | NGKG | 0.36 |
| GPTS5BA10213 | 09-Dec-96 | NGKG | 0.40 |
| GPTS5bA1106 | 06-Dec-96 | NGKG | 0.44 |
| GPTS5bA1113 | 06-Dec-96 | NGKG | 0.44 |
| GPTS5bA1206 | 06-Dec-96 | NGKG | 1.30 |
| GPTS5bA1212 | 06-Dec-96 | NGKG | 0.61 |
| GPTS5bA1306 | 06-Dec-96 | NGKG | 0.50 |
| GPTS5bA1313 | 06-Dec-96 | NGKG | 0.54 |
| GPTS5bA2106 | 06-Dec-96 | NGKG | 0.41 |
| GPTS5bA2113 | 06-Dec-96 | NGKG | 0.42 |
| GPTS5bA2207 | 06-Dec-96 | NGKG | 0.49 |
| GPTS5bA2214 | 06-Dec-96 | NGKG | 0.36 |
| GPTS5bA2307 | 06-Dec-96 | NGKG | 0.47 |
| GPTS5bA2314 | 06-Dec-96 | NGKG | 0.72 |
| GPTS5BA3105 | 05-Dec-96 | UGKG | 0.31 |
| GPTS5BA3112 | 05-Dec-96 | UGKG | 0.56 |
| GPTS5BA3206 | 05-Dec-96 | UGKG | 0.67 |
| GPTS5BA3213 | 05-Dec-96 | UGKG | 0.31 |
| GPTS5BA3306 | 05-Dec-96 | UGKG | 0.46 |
| GPTS5BA3311 | 05-Dec-96 | UGKG | 0.36 |
| GPTS5bA5108 | 04-Dec-96 | UGKG | 0.58 |
| GPTS5bA5115 | 04-Dec-96 | UGKG | 0.41 |
| GPTS5bA5206 | 04-Dec-96 | UGKG | 0.80 |
| GPTS5bA5213 | 04-Dec-96 | UGKG | 0.37 |
| GPTS5BA5306 | 05-Dec-96 | UGKG | 0.72 |
| GPTS5BA5313 | 05-Dec-96 | UGKG | 0.49 |
| GPTS5BA5406 | 05-Dec-96 | UGKG | 0.44 |
| GPTS5BA5413 | 05-Dec-96 | UGKG | 0.53 |
| GPTS5BA5505 | 05-Dec-96 | UGKG | 0.43 |
| GPTS5BA5513 | 05-Dec-96 | UGKG | 0.49 |
| GPTS5BA6105 | 10-Dec-96 | NGKG | 0.28 |
| GPTS5BA6112 | 10-Dec-96 | NGKG | 0.30 |
| GPTS5BA6205 | 10-Dec-96 | NGKG | 10.49 |
| GPTS5BA6213 | 10-Dec-96 | NGKG | 0.43 |
| GPTS5BA6305 | 10-Dec-96 | NGKG | 0.46 |
| GPTS5BA6312 | 10-Dec-96 | NGKG | 0.34 |
| GPTS5BA6405 | 10-Dec-96 | NGKG | 0.48 |
| GPTS5BA6412 | 10-Dec-96 | NGKG | 0.50 |
| GPTS5BA6505 | 09-Dec-96 | NGKG | 0.29 |
| GPTS5BA6512 | 09-Dec-96 | NGKG | 0.47 |
| GPTS5BA6606 | 09-Dec-96 | NGKG | 0.38 |
| GPTS5BA6613 | 09-Dec-96 | NGKG | 0.45 |
| GPTS5BA9106 | 11-Dec-96 | NGKG | 0.86 |
| GPTS5BA9114 | 11-Dec-96 | NGKG | 0.82 |
| GPTS5BA9206 | 11-Dec-96 | NGKG | 0.71 |
| GPTS5BA9214 | 11-Dec-96 | NGKG | 0.81 |
| GPTS5BA9306 | 11-Dec-96 | NGKG | 0.88 |
| GPTS5BA9314 | 11-Dec-96 | NGKG | 0.83 |
| GPTS5BA9405 | 10-Dec-96 | NGKG | 0.55 |
| GPTS5BA9413 | 10-Dec-96 | NGKG | 1.06 |
| GPTS5BA9505 | 10-Dec-96 | NGKG | 0.34 |
| GPTS5BA9513 | 10-Dec-96 | NGKG | 0.21 |

**Notes:**
**Calculations of Total TEF were based upon the I-TEF/89 Toxicity Equivalency Factors for individual congeners.**
**In cases where there were no hits, the reporting limit was used to calculate the Total TEF.**