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NAS PENSACOLA
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TECHNICAL MEMORANDUM REGARDING INVESTIGATION SUMMARY AND ANALYTICAL RESULTS FOR SITES 9, 29, AND 34 NAS PENSACOLA FL

3/16/1994

ENSAFE ALLEN AND HOSHALL

TECHNICAL MEMORANDUM

NAVAL AIR STATION
NAS PENSACOLA
TIER I TEAM

Prepared for:

SOUTHNAVFACENGCOM

Prepared by:

EnSafe / Allen & Hoshall
5720 Summer Trees Drive Suite 8
Memphis, Tennessee 38134
(901) 383-9115

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TO:	NAS Pensacola Tier I Team
	Pensacola, Florida
FROM:	EnSafe / Allen and Hoshall
DATE:	March 16, 1994
SUBJECT:	Sites 9, 29, and 34 NAS Pensacola
	Investigation Summary and Analytical Results

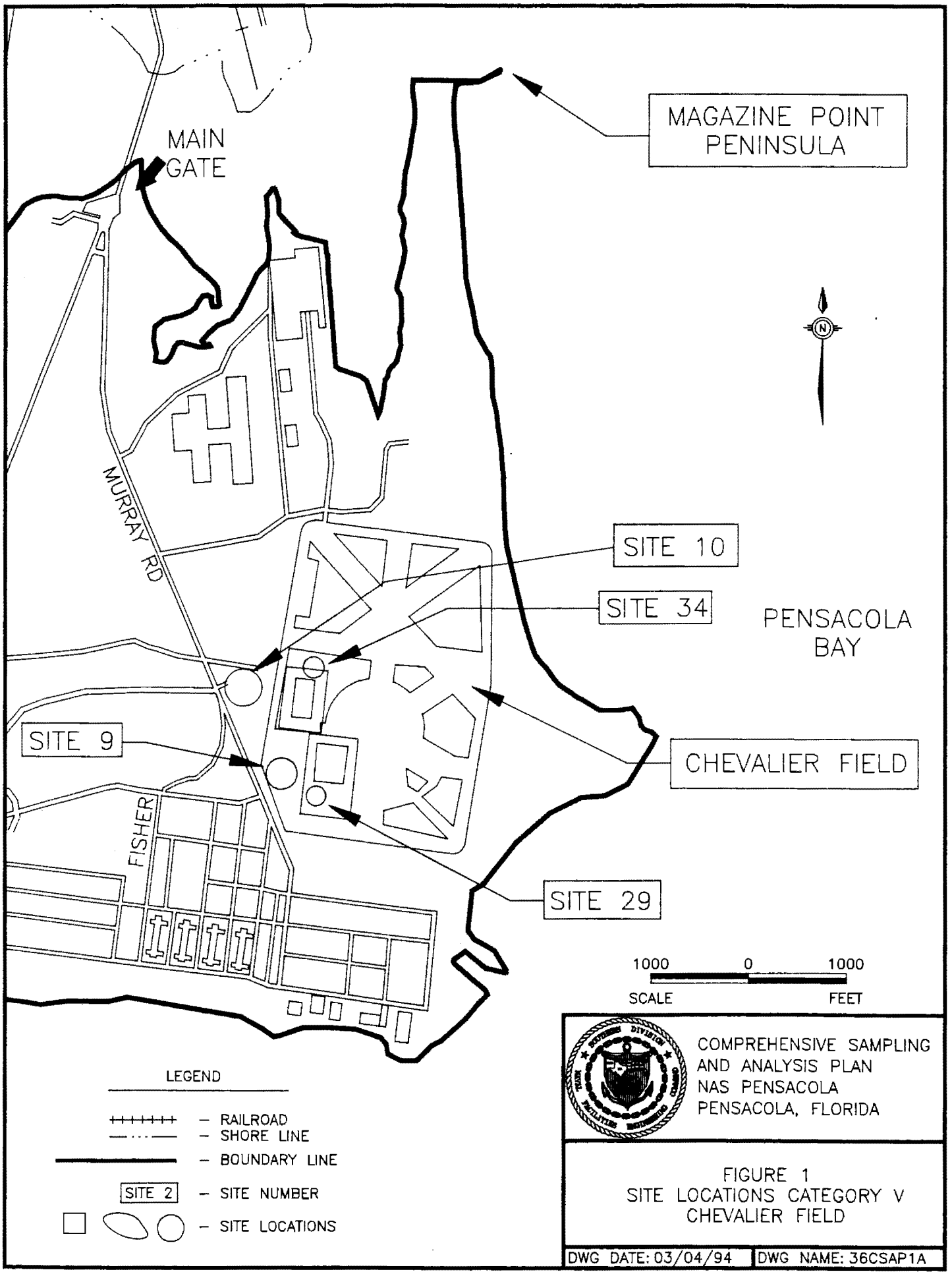
INTRODUCTION

Sites 9, 29, and 34 are part of the Category V sites (Figure 1) at Naval Air Station (NAS) Pensacola. These particular sites are located on and adjacent to Chevalier Field . Previous studies have outlined their background, history, physical setting, physical survey, geology, and ecology. This information can be found in the Initial Assessment Study (IAS) completed by Naval Energy and Environmental Support Activity (NEESA, 1983), Verification Study by Geraghty and Miller, Inc. (G.M. 1984) and Phase I Contamination Assessment by Ecology and Environment (E&E, 1992). This information also is summarized in the site-specific work plans and sampling and analysis plans (SAPs).

This technical memo will present the methodologies and preliminary investigative results generated by Environmental and Safety Designs, Inc. (EnSafe) during field activities conducted in January and February 1994. The groundwater analytical results were compared to US Environmental Protection Agency (USEPA) Region III list of Risk-Based-Concentrations Table (RBC) dated January 7, 1994; Florida's Primary and Secondary Drinking Water Standards (FPDWS and FSDWS); and USEPA's Numeric Action Levels (NAL) for Contaminated Drinking Water (NAL) dated November 1992. Soil analytical results were compared to USEPA Region III list of RBCs for residual soil and Florida Department of Environmental Protection (FDEP) list of Cleanup Goals (CG) for the Department of Defense (DOD) Sites, dated February 14, 1994. These lists have been included in Appendix B. Based on these comparisons conclusions and recommendations for further actions are outlined.

METHODOLOGY

A phased investigative approach and sample location scheme was developed and verbally agreed upon during a series of meetings between EnSafe, USEPA, FDEP, and the Navy in mid-January 1994. In those meetings sites 9, 29, and 34, all on Chevalier Field, were given high priority due to forthcoming construction deadlines mandated by the Base Realignment and Closure (BRAC) activities.


MAGAZINE POINT PENINSULA
MAIN GATE
MURRAY RD
FISHER
SITE 10
SITE 34
SITE 9
SITE 29
CHEVALIER FIELD
PENSACOLA BAY
N
1000 0 1000
SCALE FEET
LEGEND
RAILROAD
SHORE LINE
BOUNDARY LINE
SITE 2 – SITE NUMBER
SITE LOCATIONS
COMPREHENSIVE SAMPLING AND ANALYSIS PLAN
NAS PENSACOLA
PENSACOLA, FLORIDA
FIGURE 1
SITE LOCATIONS CATEGORY V
CHEVALIER FIELD
DWG DATE: 03/04/94
DWG NAME: 36CSAP1A

The SAP required that a Contaminant Source Survey be completed before beginning any field work. Public Works and Construction (PWC) maps, interviews with base personnel, and review of previous studies were initiated. These surveys resulted in localizing potential sources of contamination and defined the relative location of the underground utilities.

Agreement was made between all Federal Facilities Agreement (FFA) parties, based on cost and time, to use temporary monitoring wells for these three sites during the initial phase of investigation. The goal was to rapidly identify source and type contaminants of concern (COC) for both soil and groundwater. Phase 1 samples were analyzed for the full Target Analyte List/Target Compound List (TAL/TCL) using Contract Laboratory Program (CLP) protocol. A full scan analysis consisted of TCL volatile organic compounds (VOCs), TCL base-neutral/acid extractable organic compounds (SVOCs), TCL pesticides, TCL polychlorinated biphenyl (PCBs), TAL metals (unfiltered), and TCL cyanide.

Before and between any sampling or drilling event, all equipment that came in contact with the samples went through a seven-step decontamination process outlined in the Draft Final Comprehensive Sampling and Analysis Plan (CSAP) dated 12/1993 and in accordance with the USEPA Standard Operating Procedures and Quality Assurance Manual (SOP/QAM). Level D personal protective equipment (PPE) was worn at all times and a clean pair of latex gloves was used before each sample was taken to prevent cross-contamination.

Soil samples in the vadose zone were retrieved using a 24-inch stainless steel split spoon pushed or hammered into the subsurface. The sampled intervals were 0 to 1 foot, 1 to 3 feet, and 3 to 5 feet, etc., until reaching the saturated zone. Lithological descriptions, time and depth of sample, and vapor concentrations were noted on boring logs. Additional samples were taken at or just below the water table if odor and/or visual contamination were noted. VOCs were taken first from the split spoons as quickly and with as little agitation as possible, using a stainless steel spoon. The sample was placed in a clean 2-ounce glass jar with no headspace.

The rest of the split spoon's contents were placed in a stainless steel bowl, homogenized, and placed in two clean 4-ounce glass jars with no headspace. Samples were appropriately labeled (CSAP section 4.1), wrapped in plastic, placed in an ice cooler, and cooled down to at least 4 degrees Celsius (^{0}C).

Following collection of all sampled intervals, the borehole was advanced using decontaminated, 4.25-inch inside diameter (ID) hollow stem augers to a depth that would allow a 10 foot, .01-inch slotted screen with end cap to be placed 7 to 9 feet below the top of the saturated zone. This allowed the screen to bracket the water table to check for the presence of floating product. The screen and the riser (if needed) was composed of unpainted, threaded, 2-inch schedule 40 polyvinyl chloride (PVC). The PVC was steamed cleaned and wrapped in protective plastic prior to transport to the sites.

At the appropriate depth, the screen/riser assembly with security cap was placed inside the auger and 20/30 silica filter sand was used to fill the annular space between the borehole and well assembly. As filter sand was poured into the annular space, the augers were slowly withdrawn to ensure the sand was draining out of the bottom of the augers; at the same time a stainless steel tape was used to measure the filter sand ascent. Once the sand was 2 feet above the top of the screen, sanding stopped; this was generally to groundsurface since the water table was so shallow. Depending on the location of the temporary well, the riser extended 8 to 30 inches above ground surface. In paved areas, the wells were placed below ground surface and protected by surrounding the wellhead with 55-gallon drums.

All investigative-derived waste--including drill cuttings, development and purge water, plastic sheeting, and PPE--was drummed and/or disposed of according to the CSAP (Section 13).

After the temporary well was set, it was developed, purged, and the groundwater sampled. Time between temporary well completion and development varied from a few hours to a few

days. The standing water column in each temporary well across the three sites was approximately 7 to 8 feet. Well development was a two-step process: the initial volumes (5 to 20 gallons) of highly turbid, coarse sediment-laden water was removed with a centrifugal pump fitted with .75-inch outside diameter (OD) PVC intake tube. After the water began clearing, the centrifugal pump was removed and replaced with a peristaltic pump equipped with a .25-inch OD Teflon tube. Development continued for a significant period of time (generally several hours) until field parameters stabilized and turbidity was lowered to 20 or less NTU (Nepholemeteric Turbidity Units). Decontaminating the PVC centrifugal tubing consisted of a potable water rinse, a Liquinox wash, a potable water rinse, and a deionized water rinse. All Teflon tubing was decontaminated according to the seven-step process outlined in the CSAP. The tubing was wrapped in plastic to and from the decontamination center. All development water was pumped into appropriately labeled 55-gallon drums.

Due to scheduling of field logistics, most well development was finished at the end of day. Therefore, sampling generally occurred six to 24 hours after development. The peristaltic pump, equipped with new Teflon tubing, was used to purge at least three well volumes before sampling (Note: new Teflon tubing was used on each well; used tubing was not decontaminated nor reused but was properly disposed of). Discharge was monitored to ensure stabilization of field parameters and reduce turbidity. In all cases, field parameters stabilized within four well volumes, and turbidities were less than 2 NTUs. Care was taken through the development and purging process not to stress the aquifer. All purged groundwater was pumped into appropriately labeled 55-gallon drums.

Tyveks were worn during development and purging. Latex gloves were changed between wells to prevent cross-contamination.

Once purging was completed, sampling began without removing the Teflon tubing from the temporary well. At the surface the Teflon tubing was connected to the first of a two-aperture

transfer cap that was screwed into a new .5-gallon amber, 300 series, transfer bottle (Note: a new transfer bottle was used for each well). The transfer cap was decontaminated before each sampling event. The peristaltic pump's silicon tubing then was connected to the second aperture of the transfer cap. The peristaltic pump was then turned on, creating a small vacuum in the transfer bottle. This vacuum lifted the groundwater from the well at approximately 380 milliliters a minute (ml/min) and deposited it in the transfer bottle. This low-flow sampling apparatus created little or no agitation in the well or sampling device, so turbidity was minimumized. Sample volumes required for TAL/TCL metals, semivolatiles, PCBs, pesticides, and cyanide were poured into appropriate preserved sample containers directly from the transfer bottle. Care was taken not to let the transfer bottle fill to the top.

After collecting these parameters, the transfer cap assembly and transfer bottle were removed from the line/pump assembly. The Teflon tubing was inserted into the silicon tubing and the peristaltic pump was turned on. Once flow was re-established and time was allowed for fresh groundwater to enter the Teflon tubing, the pump was turned off. The pump, in the off position, pinched the silicon tubing closed, creating a vacuum that prevented any groundwater backflow. The operator, wearing clean latex gloves, disconnected the Teflon tubing from the silicon tubing and quickly placed a finger over the open Teflon tube end, maintaining the vacuum and preventing backflow into the well. A second operator, wearing clean latex gloves, withdrew the Teflon tubing from the well, as the first operator stepped away, being careful to prevent the tubing from touching the ground. Once the tubing was out of the well, the second operator held the first of three 40 milliliter (ml), VOA vials under the open end of the tubing, while the first operator slowly released his finger from the other end of the tubing. This allowed a slow, unagitated flow into the 40 ml vial until there was no head space. Once the vial was filled, the first operator again put his finger over the teflon end preventing any additional backflow. The second and third vials were then filled in the same manner. If there was not enough groundwater volume in the tubing to fill all VOAs, the tubing was reinserted into the well, and the procedure was repeated until sufficient volume was obtained.

All samples were appropriately labeled, preserved, and cooled to at least 4^0 C.

Elevations and well locations were surveyed in by a Global Positioning System (GPS) after the sampling events. Well locations were computed and both the ground surface and top of casing elevations were measured to an accuracy of $\pm$ 2 millimeters (mm). The PVC casing was marked where measured. After this task was completed, well depths and water levels were measured to the nearest .01 foot using a decontaminated, calibrated electronic water-level indicator.

Strict Quality Assurance/Quality Control (QA/QC) procedures were followed as outlined in CSAP section 15. Rinsate blanks, field blanks, trip blanks, material blanks, equipment blanks, duplicate samples, and matrix spike/matrix spike duplicate (MS/MSD) samples were taken at the appropriate frequencies and monitored by a sample field coordinator. For all samples, times and procedures were noted in field log books and forms. Security seals were placed on or across sample lids. Chain-of-Custody forms were filled out before samples were packed, and double-checked. Glass jars were placed in plastic bags, then sealed wrapped in bubble-wrap. Ice coolers were lined with plastic before samples were loaded. A temperature blank was added to each cooler before shipment. The Chain-of-Custody form was placed in the cooler before it was sealed. Once the ice cooler was taped shut, security seals were place on the corners of the cooler and taped down. The laboratory's address was affixed and the coolers were shipped by Federal Express Corporation to the lab. Followup Chain-of-Custody forms also were faxed to the laboratory.

Hydrogeology

Figure 2 presents the piezometric surface of the shallow surfacial aquifer across sites 9, 10, 29, and 34. This map is based on water levels measurement on February 15, 1994, and on GPS survey elevations of top-of-casing. These data, along with well construction data, are shown on tables 1, 3, and 6. The following, briefly discusses the groundwater flow regime in terms of directions, gradients, and velocities.

Groundwater flow in this area of Chevalier Field is characterized by two general features: a linear area of lower elevations situated in an approximately north-south direction, and coincident with the location of the channelized creek separating sites 10 and 9; and an area of lower elevation on Site 34's south side. Overall, with the exception of the low area to the south of Site 34, flow generally mimics the topography, moving from the higher areas of Site 10 and sites 29 and 9, and discharging to the lower areas in the channelized creek's vicinity.

The low area south of Site 34 does not represent natural conditions. During the Contaminant Source Survey, an operating sump complex (with six sumps) was discovered located in the northern portion of Building 3557. This sump complex collects washdown waste from paint-stripping pits in the building's northern end. The sumps, however, are below the water table and are connected to a central pumping station. The pumping station collects the wastes and then feeds it into the industrial waste sewer line. The constant pumping has created an artificial low in the water table and is influencing groundwater flow on Site 34.

The gradient across Site 29 is relatively flat, but groundwater elevations indicate flow is generally to the east-southeast on the site's eastern side, and the west-northwest on the its western side. Flow across Site 34 is generally to the west from the site's eastern side, with a divergence in the vicinity of the sump pumping. The gradient to the channelized creek across Site 9 (westerly) and Site 10 (easterly) can be realistically represented by values of .0046 and .0043, respectively. Using these values, plus an average hydraulic conductivity of 63.1 feet per

CI = 0.4 '

0 Feet 300 600

Piezometric Map
Western Chevalier Field

Legend
- Temporary Well
- Existing Perminent Well (Shallow)
- Soil Boring

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Pensacola, Florida

Figure 2
TEMPORARY MONITOR WELL LOCATIONS
SITES 9, 10, 29 and 34

Date: 09 MAR 94 | AML: reg_pcola

day for the shallow zone (obtained from testing on OU 10), and an effective porosity of 25 percent, the calculated horizontal velocities for groundwater flow toward the channelized creek are 1.16 ft/day westerly for Site 9 and 1.08 ft/day easterly from Site 10.

SITE 9

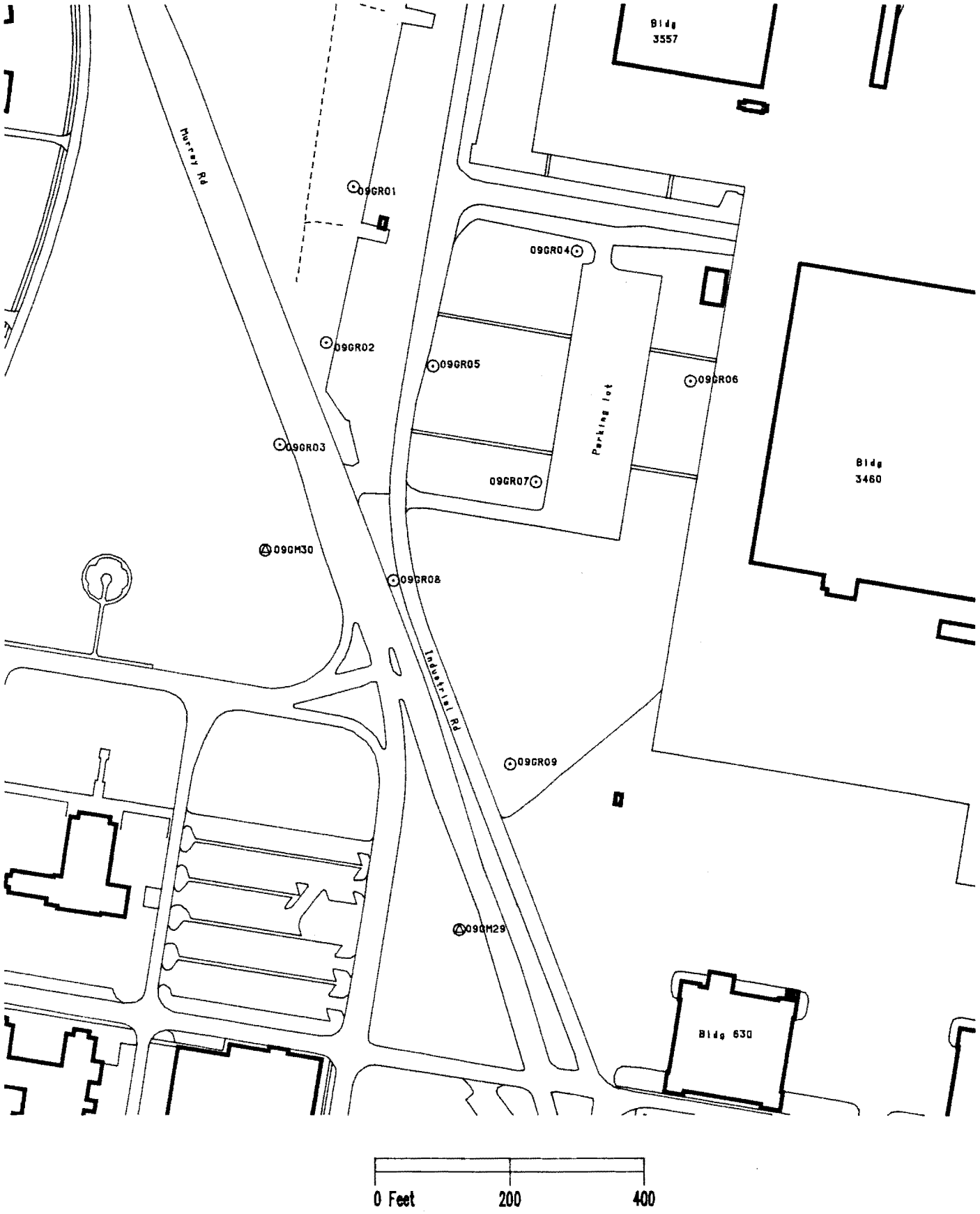
Site History

Site 9 of Category V is located between Building 3460 and Murray Road (Figure 3). Previous studies determined this site was used for disposal of trash and refuse between 1917 and the 1930s. Part of this site was uncovered during excavations for an industrial wastewater treatment plant sewer system in the 1960s. This excavation uncovered glass, scrap metal, and debris with no unusual odor.

Field Work Summary

Prior to EnSafe's work, no permanent groundwater monitoring wells were within the site boundary. There are, however, two permanent wells (GM-29 and GM-30) south and west, respectively, of the site. EnSafe installed nine soil borings/temporary wells on 200-to 250-foot centers to investigate Site 9 (Figure 3).

Drilling began on February 1, 1994, with two drilling rigs and was completed on February 2. A total of fifteen soil samples, two duplicates, and one MS/MSD were collected to the water table, which varied in depth between 2 to 4 feet across the site. The borings were advanced from 11 to 13.5 feet below land surface (bls), and the temporary wells were set 11.5 to 12.5 feet bls (Table 1). Subsurface lithologies consisted of a 4-to 6-inch dark brown, sandy loam with root traces, underlain by fine-to medium-grained, tan to grayish tan, slightly limonitic sand. The borings on the west side of the site (GR-01, GR-03, GR-08, and GR-09) exhibited higher-than-background downhole vapor concentrations, ranging from 2.3 to 8.0 parts per million (ppm). GR-02 contained concrete rubble and aircraft wire, while GR-01 had black material between 8 to 12 feet. This material had a slight petroleum odor and measured 30 percent on the Explosivity Meter. (Note: this material at GR-01 may be associated with Site 23, a petroleum site between Sites 9 and 10.)



Legend

- Temporary Well
- Existing Perminent Well (Shallow)
- Soil Boring

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Pensacola, Florida

Figure 3
TEMPORARY MONITOR WELL LOCATIONS - SITE 9

Date: 08 MAR 94

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Temporary wells were developed on February 2. Purging and sampling were completed on February 3 and 4. The two permanent wells were purged and sampled on February 4. A total of eleven groundwater samples, two duplicates and one MS/MSD were collected.

TABLE 1
SITE 9 GROUNDWATER ELEVATIONS
FEBRUARY 15, 1994

WELL #	T.O.C. ELEV.	DEPTH TO WATER	GROUND-WATER ELEV.	DEPTH OF WELL FROM G.S.
GR-01	8.51	6.19	2.32	12.01
GR-02	6.82	5.04	1.78	11.74
GR-03	6.73	4.71	2.02	11.54
GR-04	7.17	4.02	3.15	11.83
GR-05	6.53	3.83	2.70	12.63
GR-06	9.54	6.23	3.31	12.57
GR-07	7.76	4.47	3.29	11.32
GR-08	7.56	4.70	2.86	11.65
GR-09	10.39	7.06	3.33	11.54
GM-29	7.55	4.14	3.41	11.75
GM-30	5.71	3.92	1.79	11.64

Notes: measurements in feet; datum is mean sea level
G.S. = ground surface
T.O.C. = top of casing
GR = temporary wells
GM = Geraghty and Miller permanent wells

Summary of Analytical Data

The following section summarizes the analytical results for both soil and groundwater. Data validation had been completed for all of the data and the full set of laboratory analytical results are included in Appendix A. The discussion of results specifically presents the relationships between **detected** parameters and the Applicable or Relevant and Appropriate Requirements (ARARs) listed below. Parameters detected at concentrations below ARARs are not included in the discussion.

The analytical results were compared to the following general and site-specific ARARs (Appendix B):

Soil

- USEPA Region III RBCs for residential soils
- FDEP Cleanup Goals CGs for the DOD Sites
- NASP-specific background concentrations, developed by the Navy during the Site 1 investigation; these are equal to two times the detected mean for any given parameter.

Groundwater:

- USEPA Region III RBCs
- Florida's Primary and Secondary Drinking Water Standards (FPDWS and FSDWS)
- USEPA's NALs for Contaminated Drinking Water
- NAS Pensacola-specific background concentrations, developed by the Navy during the Site 1 investigation; these are equal to two times the detected mean for any given parameter.

SOIL

Organic Compounds

Table 2 presents the analytical summary for organic compounds in soils above the CLP-required detection limits (CRDLs) at Site 9. The applicable RBCs for several semivolatile compounds were exceeded in three samples: 09S0201 (five compounds), 09S90303 (one compound), and 09S0601 (one compound). Additionally, the RBC for dieldrin (40 ppb) was exceeded in two samples, 09S0501 (62 ppb) and 09S0701 (59 ppb).

Semivolatile concentrations exhibited no significant trends with respect to depth (the highest concentrations in borings 02 and 06 were in the 0 to 1-foot interval, while the highest in boring 03 were in the 1-to 3-foot interval). They are, however, the highest in the western edge of the site (borings 02 and 03), with a sporadic occurrence on the east side of the site (boring 06). At present, it is unclear if the detected semivolatiles on the site's western side resulted from a release from Site 9 and/or Site 23 (an underground petroleum pipeline leak), currently regulated as a petroleum site by FDEP.

Inorganics

In general, the metals concentrations in Site 9 soil were consistent with the NAS Pensacola background soil samples. The applicable RBC for beryllium (Be) (.15 ppm) was exceeded in sample 09S0303 (.20 ppm), and the RBC for manganese (Mn) (390 ppm) was exceeded in sample 09S0901 (400 ppm). The concentration, however, is below NAS Pensacola background standard of .41 ppm and Mn is below the applicable CG of 2,150 ppm. Additionally, the following metals are above NAS Pensacola-specific background standards but are not listed on the RBCs or CGs as elements of concern: magnesium,(Mg) NAS Pensacola background of 133.33 ppm, was exceeded in samples 09S0201 (428 ppm), 09S0301 (224 ppm), 09S0303 (338 ppm); and zinc (Zn), NAS Pensacola-specific background standard of 16.87 ppm was exceeded in samples 09S0201 (256 ppm), 09S0301 (72.2 ppm), 09S0303 (73.9 ppm), and 09S0903 (98 ppm).

GROUNDWATER

Organic Compounds

There were no organic compounds present above the CRDLs in the Site 9 groundwater samples.

Inorganics

Aluminum exceeded the FSDWS (200 ppb) in nine wells and ranged from 258 ppb to 2050 ppb. These values did not exceed the applicable RBC of 110,000 ppb or the NAS Pensacola-specific background standard of 48,200 ppb. The calcium concentration in sample 09GGM29 (42,500 ppb and above the NAS Pensacola-specific background standard of 24,020 ppb. Iron exceeded FSDWS (300 ppb) in nine wells, ranging from 318 ppb to 3,940 ppb. These values are below NAS Pensacola-specific background standard of 188,132 ppb. The sample from well 09GR02 had a lead concentration of 27 ppb, which exceeds the FPDWS of 15 ppb. However, this is lower than the NAL of 30 ppb and the NAS Pensacola-specific background standard of 78.8 ppb. The applicable RBC for manganese (180 ppb) was exceeded in three samples (09GR04, 693 ppb; 09GR06, 357 ppb; and 09GR07, 298 ppb). However, all of these values were lower than the NAS Pensacola-specific background standard for manganese of 732 ppb, and the FSDWS of 500 ppb.

CONCLUSION AND RECOMMENDATION OF FURTHER ACTION

EnSafe drilled 9 soil boring/temporary monitor wells to investigate the impact of an old landfill where glass, scrap metal and debris have been uncovered during previous construction work, Based on chemical analysis the followig conclusions and recommendations presented.

Soil -- Several semivolatiles and the pesticide dieldrin were present above applicable RBCs in the western (02 and 03 locations), eastern (06 location), and central areas (05 and 07 locations) of the site. The relationship between the petroleum release at Site 23 and the observed semivolatile concentrations in the western side of the site is unknown; the dieldrin concentrations were present at locations coincident with a large, grassy maintained area, and may reflect application residue. Of the inorganics, beryllium and manganese were present at concentrations

of the site. The relationship between the petroleum release at Site 23 and the observed semivolatile concentrations in the western side of the site is unknown; the dieldrin concentrations were present at locations coincident with a large, grassy maintained area, and may reflect application residue. Of the inorganics, beryllium and manganese were present at concentrations exceeding their applicable RBCs (03 and 09 locations, respectively; single detections). The beryllium concentration is below NAS Pensacola standard of .41 ppm and the manganese concentrations were below the CG. Even though Mg and Zn were above NAS Pensacola background standards, they are not listed on the RBCs and CGs as potential health hazards.

Groundwater -- No organics were detected in groundwater. Of the inorganics, manganese (Mn) exceeded the applicable RBC in the site's eastern and central areas (04, 06, and 07 locations; hydraulically upgradient of wells on the site's western side). Importantly, however, the Mn concentrations were below the NAS Pensacola background standard. Aluminum (Al) (widespread), iron (Fe) (widespread), and lead (Pb) (single detection) were detected at concentrations exceeding state standards, but were still below the NAS Pensacola background standards. Calcium (Ca) was the only inorganic present at concentrations above the base background; its presence, however, is probably natural and not indicative of a release on the site.

Recommended Action

Soil -- In support of delineation, the following recommendations are made:

- Complete four borings surrounding locations 02 and 03; these should be spaced approximately 30 feet to the north of 02, the south of 03, and 30 feet west and east of a line halfway between 02 and 03; and a set of four borings on 30-foot centers around location 06. Samples from these borings should be analyzed for semivolatiles only.
- Further action regarding metals is not required, as the concentrations of beryllium (Be) and

Mn, while above the RBC, are below either CG and/or the NAS Pensacola background standards.

Groundwater -- Further action in support of delineation is not required for the following reasons:

- Mn was the only parameter detected above the applicable RBC
- Wells located downgradient of the highest Mn concentrations did not exhibit Mn above the RBC
- All of the Mn concentrations were below the NAS Pensacola background standard
- The remaining metals are present at concentrations consistent with natural standards.

It is recommended using groundwater data collected to date to complete the baseline risk assessment in support of the Remedial Investigation (RI). A decision regarding the need for permanent well data must be made; if permanent wells are required, it is recommended they be installed in locations 06, 04, 09, 08, 01, 02, and 03.

Table 2
Analytical Data Soils Volatiles, Semi-Volatiles, & Pesticides (ppb)
Site 9

Parameter	Sample Identification Number									
	0950101	0950103	0950201	0950301	0950303	0950401	0950401D	0950403	0950501	0950601
4,4'-DDD	-	-	-	4.2 J	210	-	-	-	-	-
4,4'DDE	-	-	5.3	270	210	-	-	-	5.6	-
4,4'DDT	2 J	-	7.6	220	60	-	-	-	19	-
Dieldrin	-	-	-	9.0 J	5.3 J	16	11	-	62	-
Acenaphthene	-	-	790 J	-	-	-		-	-	-
Acenaphthylene*	-	-	-	-	-	-	-	-	-	90 J
Anthracene	-	-	2800	-	-	-	-	-	-	-
Benzo (a) anthracene	-	-	6000	73 J	140 J	-	-	-	-	81 J
Benzo (a) pyrene	-	-	4100	86 J	150 J	-	-	-	-	120 J
Benzo (b) fluoranthene	-	-	5600	140 J	210 J	-	-	-	-	130 J
Benzo (g,h,i) perylene*	-	-	1500	-	-	-	-	-	-	95 J
Benzo (k) fluoranthene	-	-	4200	140 J	170 J	-	-	-	-	140 J
Carbazole	-	-	920	-	-	-	-	-	-	-
Chrysene	-	-	4900	100 J	150 J	-	-	-	-	99 J
Dibenz (a,h) anthracene	-	-	550 J	-	-	-	-	-	-	-
Dibenzofuran*	-	-	330 J	-	-	-	-	-	-	-
Flouranthene	-	-	9500	150 J	280 J	-	-	-	-	96 J
Fluorene	-	-	970 J	-	-	-	-	-	-	-
Indeno (1,2,3,-cd) pyrene	-	-	1300 J	-	-	-	-	-	-	85 J
Phenanthrene*	-	-	8100	-	99 J	-	-	-	-	-
Pyrene	-	-	11000	150 J	260 J	-	-	-	-	100 J
bis (2-Ethlyhexy) phthalate* +	-	-	-	130 J	-	-	-	-	-	-

Table 2
Analytical Data Soils (ppb)
Site 9

Parameter	Sample Identification Number						
	09S0601D	09S0603	09S0701	09S0801	09S0803	09S0901	09S0903
4,4'-DDD	-	-	2.4 J	-	-	-	-
4,4'DDE	-	-	-	-	-	5.7	-
4,4'DDT	-	1.8 J	-	5.5	-	9.8	-
Dieldrin	-	-	**59**	12	5.3	9.3	-
Acenaphthene	-	-	-	-	-	-	-
Acenaphthylene*	100 J	-	-	-	-	-	-
Anthracene	-	-	-	-	-	-	-
Benzo (a) anthracene	100 J	-	-	-	-	-	-
Benzo (a) pyrene	**140 J**	-	-	-	-	-	-
Benzo (b) fluoranthene	150 J	-	-	-	-	-	-
Benzo (g,h,i) perylene*	120 J	-	-	-	-	-	-
Benzo (k) fluoranthene	170 J	-	-	-	-	-	-
Carbazole	-	-	-	-	-	-	-
Chrysene	120 J	-	-	-	-	-	-
Dibenz (a,h) anthracene	-	-	-	-	-	-	-
Dibenzofuran*	-	-	-	-	-	-	-
Flouranthene	140 J	-	-	-	-	-	-
Fluorene	-	-	-	-	-	-	-
Indeno (1,2,3-cd) pyrene	100 J	-	-	-	-	-	-
Phenanthrene*	-	-	-	-	-	-	-
Pyrene	140 J	-	-	-	-	-	-
bis (2-Ethlyhexy) phthalate* +	-	-	-	-	-	-	-

Key: Bold lettering indicates compound exceeded EPA Region III Risk-Based-Concentration (RBC)
* Compound not on EPA III Risk-Base-Concentration List
- Not present above contract detection limits
_ Underline indicates concentration is above Florida Department of Environmental Protection Cleanup Goals (CG) for DOD Sites
+ Not present on Florida Department of Environment Protection CG

SITE 29

Site History

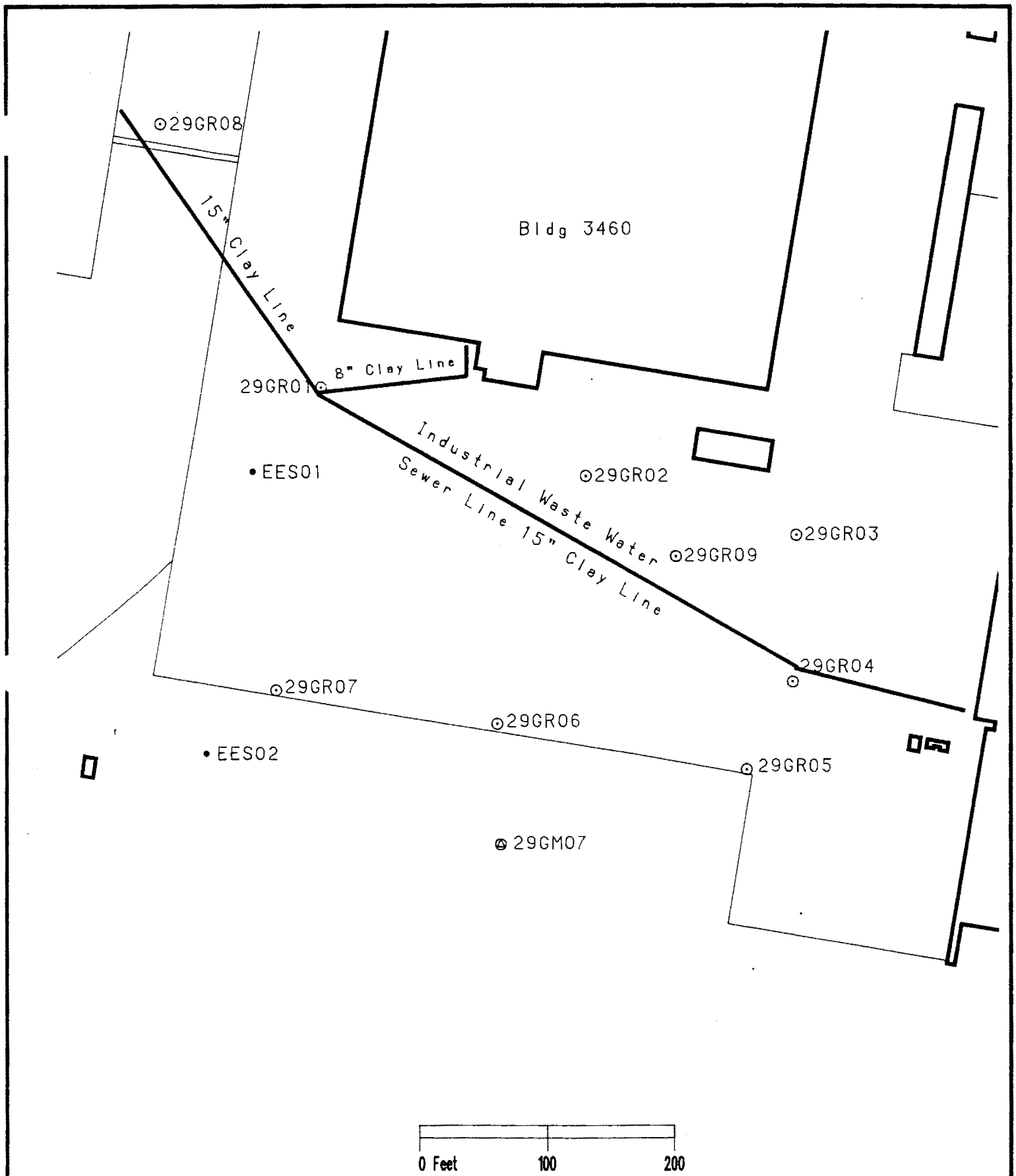
Site 29 of Category V is immediately south of building 3460 (Figure 4). Except for a small portion on the site's western side, the entire site is beneath Chevalier Field's concrete apron.

Part of the 15-inch, gravity-fed, vitreous clay, industrial wastewater treatment plant (IWTP) sewer line, runs southeast to northwest across the site. The line is buried 7.2 to 7.8 feet bls, approximately 3 to 4 feet below the top of the saturated zone. An 8-inch, vitreous clay line runs southwest from Building 3460 and connects into the main line approximately 60 feet from the building's southwest corner (Figure 4). A possible leak in the late 1970s is thought to have caused chemical burns on workers excavating in the area in the spring of 1981. No physical evidence could be found on the concrete apron at Site 29 suggesting any repair work was done on the wastewater sewer line. Maps at PWC during that time period also showed no work. A second leak in the wastewater sewer line, confirmed by Frank Stewart, an engineer at Navy Aviation Depot (NADEP), was repaired in 1988. This leak was immediately west of Building 3460 under the above-ground steam line system. The industrial sewer line in this leak area is 7.2 feet bls and is also approximately 3 to 4 feet below the top of the saturated zone.

Before EnSafe's work no permanent groundwater monitoring wells were located within site's boundary. There is, however, one permanent well (GM-07) just south of the site.

Field Work Summary

EnSafe drilled eleven soil borings converting nine into temporary wells (Figure 4) to determine if environmental impacts resulted from the leaks in the industrial wastewater sewer line or manholes (where laterals empty in the main trunk) of the sewer line, and to thoroughly evaluate the remainder of Site 29. Wells GR-08 and GR-09 were located to investigate the known and suspected leak areas, respectively, and GR-01 and GR-04 were put adjacent to the manhole covers of the industrial sewer line. The remaining temporary wells were placed on approximately 200-foot centers.



Legend

- Temporary Well
- Existing Perminent Well (Shallow)
- Soil Boring

Technical Memorandum
NAS Pensacola
Pensacola, Florida

Figure 4
TEMPORARY MONITOR WELL LOCATIONS - SITE 29

Date: 08 MAR 94

AML: pcola_tm

Drilling at Site 29 began on February 2 with two rigs and was completed by February 4, 1994. Two additional soil borings were completed on February 11 and 12. Twenty-eight soil samples, four duplicates, and three MS/MSDs were collected from the eleven soil borings. These borings were completed to the water table, which varied in depth between 2 to 4 feet across the site. The borings were advanced to depths between 13 and 15 feet, and the temporary wells set at depths between 12 and 14.5 feet (Table 3). Subsurface lithologies consisted of fine-to-medium grained sands with some silty clay streaks. Colors ranged from orange through tan to white with an occasional black sand streak. Trace amounts of organics, limonite, and pea-gravel were present. Vapor concentrations ranged from 0 to 38.1 ppm, with the highest encountered in the eastern part of the site in borings GR-03, GR-04 and GR-09.

Two soil (EESO1 and EESO2) borings were added to the scope of work and drilled on February 10 and 11 for the following reasons. In January 1994, a contractor completed 50 soil borings (referred to later as "January test borings") across Chevalier Field; soils were composited from land surface to the water table. Samples were analyzed for metals, VOCs, and SVOCs. The resulting data indicated the presence of 111 TCE (maximum 52 ppb) in the soil from two borings on Site 29's southwest portion. To investigate these areas, two soil borings (in the same locations as the January test borings that exhibited 111 TCE) were completed by EnSafe. Soil samples were collected in the same manner and analyzed for the same parameters as the other Site 29 samples. Temporary wells were not installed in the resulting boreholes.

Development of the temporary wells took place on February 7, and purging and sampling occurred on the following day. Ten groundwater samples, plus one duplicate and one MS/MSD were collected.

Because 10 of the 11 holes were on Chevalier Field's concrete apron, the concrete was cored before drilling/sampling could begin. The apron is constructed of un-reinforced concrete varying in thickness from 16 to 18 inches. The upper 12 to 14 inches of concrete is composed of dense

concrete/chert aggregate mixture. The bottom material, 4 to 6 inches thick, is composed of a softer cement base material lacking any aggregate. An 8-inch diameter, diamond tooth drill bit was used to core the concrete. The coring machine used potable water to lubricate the bit while cutting. The concrete core consistently broke at the boundary between the upper concrete and bottom cement material. Once the core was withdrawn from the concrete apron, the hole was bailed dry of cuttings and any potable water. A 6.75-inch auger bit was then used to chip away the remaining cement until natural soil was encountered. No potable water penetrated the bottom cement into the natural soil. Eight of the borings were done in this manner. The two additional soil borings added to the scope of work were advanced through the concrete using an 8-inch concrete bit with potable water for lubrication. At 14 inches below the top of the concrete, the bit was withdrawn from the hole so broken concrete and water could be cleared. After this, the rest of the hole was drilled dry to natural soil, prior to sampling.

TABLE 3 SITE 29 CATEGORY V FEBRUARY 15, 1994				
WELL #	T.O.C. ELEV.	DEPTH TO WATER	GROUND-WATER ELEV.	DEPTH OF WELL FROM G.S.
GR-01	7.86	4.30	3.56	11.89
GR-02	8.24	4.68	3.56	13.86
GR-03	8.78	5.23	3.55	13.15
GR-04	8.20	4.74	3.46	12.57
GR-05	7.56	4.13	3.43	12.44
GR-06	7.33	3.82	3.51	13.44
GR-07	6.63	3.12	3.51	12.53
GR-08	10.64	7.24	3.40	11.67
GR-09	7.77	4.23	3.54	14.65
GM-07	8.59	5.06	3.53	12.24

Notes: measurements in feet datum mean sea level
G.S. = ground surface
T.O.C. = top of casing
GR = temporary wells
GM = Geraghty and Miller permanent wells

Summary of Analytical Data

The following section summarizes the analytical results for both soil and groundwater. Data validation had been completed for all of the data and the full set of laboratory analytical results are included in Appendix A. The discussion of results specifically presents the relationships between detected parameters and the ARARs listed below. Parameters detected at concentrations below ARARs are not included in the discussion.

The analytical results were compared to the following general and site-specific ARARs (Appendix B):

Soil

- USEPA Region III RBCs for residential soils
- FDEP Cleanup Goals CGs for the DOD Sites
- NASP-specific background concentrations, developed by the Navy during the Site 1 investigation; these are equal to two times the detected mean for any given parameter.

Groundwater

- USEPA Region III RBCs
- Florida's Primary and Secondary Drinking Water Standards (FPDWS and FSDWS)
- USEPA's NALs for Contaminated Drinking Water
- NAS Pensacola-specific background concentrations, developed by the Navy during the Site 1 investigation; these are equal to two times the detected mean for any given parameter.

The analytical results for the two soil borings, EE02 and EE04, can be found in Appendix C. These are preliminary results which have not been validated to date. The preliminary data showed, however, TCE concentrations (COC) were below CRDLs. This is well below the applicable RBC of 58,000 ppb and below the previous contractor's maximum concentrations of 52 ppb. The validated data will be forwarded as an addendum to this Technical Memo. If the results for the TCE concentrations should change with the validated data, or the validated data identifies other COCs from these two soil borings, then recommendations outlining future work also will be included in the addendum.

SOIL

Organic Compounds

Table 4 presents the analytical summary for organic compounds present above the CRDLs in Site 29 soil. Both pesticides and semivolatile compounds were detected in the Site 29 samples. The applicable RBC and CG for the pesticide dieldrin (40 ppb and 3.49E-04 ppm, respectively; the CG for dieldrin is based on leachability due to its presence in groundwater) was exceeded

in four samples (29S0101, 11 ppb; 29S0101D, 12 ppb; 29S0103, 2,200 ppb; and 29S0105, 1,300 ppb). Additionally, the applicable RBC for benzo (a) pyrene (88 ppb) was exceeded in sample 29S0103 (120 ppb).

Concentrations of semivolatiles and pesticides were the highest in the samples from boring 01, in the site's northwest portion, adjacent to a manhole cover to the industrial wastewater sewer line; within that boring, concentrations were highest in the 1-to 3-foot interval.

Inorganics

In general, the concentrations of metals in Site 29 soil were below applicable RBCs, CGs, and NAS Pensacola-specific background. However, four metals--calcium (5 samples), iron (two samples), magnesium (one sample), and zinc (one sample)--did exceed the NAS Pensacola-specific background. Iron concentrations for 29S0403 and 29S0701D were 3,550 ppm and 4,730 ppm, respectively, compared to NAS Pensacola-specific background of 2,745 ppm; magnesium in 29S0101 was 673 ppm compared to NAS Pensacola-specific background of 133.33 ppm; and zinc in 29S0103 was 21 ppm compared to NAS Pensacola-specific background of 16.87 ppm. Calcium concentrations ranged from 190 ppm to 15,300 ppm across the site compared to a specific background of 912.37 ppm. Five of the six samples exceeding NAS Pensacola-specific background came from the 0 to 1-foot interval, one samples from 3-to 5-foot interval. The calcium concentrations are most likely related to the overlying concrete apron and naturally occurring shell material.

GROUNDWATER

Organic Compounds

Of the organic compounds, only the pesticide dieldrin exceeded CRDLs in sample 29GR01 (.13 ppb), which is well below the applicable RBC of (4.2 ppb). The presence of the dieldrin in the groundwater in this area of the site is likely related to the detected concentrations of the pesticide in the soil from the associated boring (29S01). Dieldrin was net detected in any of the remaining samples located hydraulically downgradient of this location.

Inorganic

Aluminum exceeded the FSDWS (200 ppb) in seven wells, with concentrations ranging from 203 ppb to 1830 ppb. These concentrations did not exceed the applicable RBC of 110,000 ppb or the NAS Pensacola-specific background standard of 48,200 ppb. GM-07, the permanent Geraghty & Miller well, had a cyanide concentration of 276 ppb which exceeds both the NAL (200 ppb) and FPDWS (200ppb). However, the concentration is below the applicable RBC of 1800 ppb. Iron samples from wells GM-07, 29GR01, and 29GR08 had concentrations of 740 ppb, 1400 ppb, and 1240 ppb, respectively. This is above the FSDWS of 300 ppb, but below the NAS Pensacola-specific background standard of 188,132 ppb. Manganese exceeded the applicable RBC (180 ppb) and NAL (200 ppb) in 29GR01 (253 ppb) and 29GR02 (270 ppb). These concentrations, however, are below the FSDWS value of 500 ppb and NAS Pensacola-specific value of 732 ppb. Calcium was detected at concentrations above NAS Pensacola-specific background standard (24,020 ppb) in seven of the 10 groundwater samples and ranging in concentration from 29,200 ppb to 36,900 ppb. This reflects sources mentioned in the soil analysis.

CONCLUSION AND RECOMMENDATION OF FURTHER ACTION

EnSafe drilled eleven soil borings converting nine into temporary wells to determine if environmental impacts resulted from leaks in the industrial wastewater sewer line the manholes of the sewer line, and to thoroughly evaluate the remainder of Site 29. Based on the chemical analysis the following conclusions and recommendations are presented.

Soil -- The soil in the western portion of Site 29 (boring 01 location) exhibited concentrations of the pesticide dieldrin and the semivolatile benzo(a)pyrene above the applicable RBCs and CGs. With the exception of calcium (whose concentrations probably are attributable to the overlying concrete apron and/or the percentage of shell material rather than a release from Site 29), metals were present at concentrations that can reasonably be attributed to natural occurrences.

Groundwater -- While dieldrin was detected in groundwater at boring location 01, it was present at a concentration well below the applicable RBC. Of the metals, Mn was the only parameter to exceed an applicable RBC (at the 01 and 02 locations). While the RBC was exceeded, the Mn concentrations were still well below the FSDWS and the NAS Pensacola background standard. Notably, Mn was not present above the RBC in downgradient locations (04, 05, and 08 locations). With the exception of Ca, the remaining metals were below the NAS Pensacola background standards, and represent natural concentrations. Again, the calcium concentrations are likely related to the concrete apron and/or shell material rather than a release from Site 29. Cyanide, which was present above the FPDWS and the NAL, was well below the applicable RBC. Additionally, cyanide was not detected in downgradient samples.

Recommended Action

Soil -- In support of delineation, four borings need to be completed around location 01; soil samples from these borings should be analyzed for pesticides and semivolatiles only. These borings should be evenly spaced around the area, approximately 30 feet from location 01.

Groundwater -- No additional groundwater delineation is required. This recommendation is made for the following reasons:

- The only organic parameter detected was present well below its applicable RBC
- Mn was the only inorganic parameter above an RBC
- Mn was detected at concentrations only slightly above the RBC in two wells (01 and 02 locations)
- All Mn concentrations were below the NAS Pensacola background standard
- Mn was not present above the RBC in wells downgradient of the 01 and 02 locations
- Inorganic parameters detected above other ARARs were below NASP background standards, indicating that these parameters are present at natural levels

In the absence of risk-based organic contamination, and the apparently limited inorganic risk-

based contamination, it is recommended that the groundwater data collected to date should be used to complete the baseline risk assessment in support of the RI. The need for permanent monitoring well data must be determined; if permanent monitoring wells will be required, it is recommended that they be installed in the 01, 02, 08, 05, and 04 locations.

Table 4
Analytical Data Soils Volatiles, Semi-Volatiles, & Pesticides (ppb)
Site 29

Parameter	Sample Identification Number									
	29S0101	29S0101D	29S0103	29S0105	29S0203	29S0301	29S0301D	29S0401	29S0403	29S0405
4,4'-DDD	-	-	21	13	-	-	-	-	-	4.1
4,4'DDE	-	-	36	24	1.3 J	-	-	1.1 J	-	1.4 J
4,4'DDT	-	-	47	38	5.0	-	-	5.9	2.9 J	.99 J
Dieldrin	11	12	**2200**	**1300**	-	1.7 J	1.7 J	.83 J	-	-
Endosulfan II* +	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	-	-	-	-	-	-	-	-	-	-
Endrin ketone* +	-	-	26	25 J	-	-	-	-	-	-
gamma-Chlordane*	-	-	.38 J	-	-	-	-	-	-	-
Acenaphthylene*	-	-	53 J	-	-	-	-	-	-	-
Benzo (a) anthracene	-	-	110 J	-	-	-	-	-	-	-
Benzo (a) pyrene	-	-	**120 J**	-	-	-	-	-	-	-
Benzo (b) fluoranthene	-	-	140 J	54 J	-	-	-	-	-	58
Benzo (k) fluoranthene	-	-	97 J	-	-	-	-	-	-	-
Chrysene	-	-	100 J	-	-	-	-	-	-	-
Flouranthene	-	-	120 J	65 J	-	-	-	-	-	74
Indeno (1,2,3,-cd) pyrene	-	-	55 J	-	-	-	-	-	-	-
Phenanthrene*	-	-	-	-	-	-	-	-	-	-
Pyrene	-	-	68 J	38 J	-	-	-	-	-	61.1 J
1,1,1-Trichloroethane +	-	-	-	5 J	-	-	-	-	-	-
1,1,2-Trichloroethane +	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene +	-	-	-	3 J	-	-	-	-	-	-
Toluene +	-	-	-	-	-	-	-	-	4.0 J	-
Trichloroethene	-	-	-	-	-	-	-	-	-	-

Table 4
Analytical Data Soils Volatiles, Semi-Volatiles, & Pesticides (ppb)
Site 29

Parameter	Sample Identification Number							
	29S0501	29S0601	29S0603	29S0701	29S0701D	29S0801	29S0803	29S0901
4,4'-DDD	-	-	-	-	-	-	-	-
4,4'DDE	-	2.1 J	-	5.8	7.3	-	-	-
4,4'DDT	-	-	-	5.6	7.0	-	-	-
Dieldrin	-	-	-	3.4	5.9	4.4 J	4.0	-
Endosulfan II* +	-	-	-	-	-	-	-	2 J
Heptachlor epoxide	-	-	.61 J	-	-	-	-	2.9 J
Endrin ketone* +	-	-	-	-	-	-	-	-
gamma-Chlordane*	-	-	-	-	.47 J	-	-	-
Acenaphthylene*	-	-	-	-	-	-	-	-
Benzo (a) anthracene	-	-	-	-	-	-	-	-
Benzo (a) pyrene	-	-	-	-	-	-	-	-
Benzo (b) fluoranthene	54 J	-	-	44 J	63 J	-	-	-
Benzo (k) fluoranthene	-	-	-	-	-	-	-	-
Chrysene	44 J	-	-	36 J	53 J	-	-	-
Flouranthene	93 J	-	-	56 J	80 J	-	-	-
Indeno (1,2,3,-cd) pyrene	-	_	-	-	-	-	-	-
Phenanthrene*	38 J	-	-	-	-	-	-	-

Table 4
Analytical Data Soils Volatiles, Semi-Volatiles, & Pesticides (ppb)
Site 29

Parameter	Sample Identification Number							
	29S0501	29S0601	29S0603	29S0701	29S0701D	29S0801	29S0803	29S0901
Pyrene	74 J	-	-	47	70 J	-	-	-
1,1,1-Trichloroethane +	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane +	-	2 J	-	-	-	-	-	-
Tetrachloroethene +	-	-	-	-	-	-	-	-
Toluene +	-	-	-	-	-	-	-	-
Trichloroethene	-	2 J	-	-	-	-	-	-

Key: Bold lettering indicates compound exceeded EPA Region III Risk-Based-Concentration (RBC)
* Compound not on EPA III Risk-Base-Concentration List
\- Not present above contract detection limits
_ Underline indicates concentration is above Florida Department of Environmental Protection Cleanup Goals (CG) for DOD Sites
\+ Not present on Florida Department of Environment Protection CG

Site 34

Site History

Site 34 of Category V is immediately north of Building 3557 on the Chevalier Field's concrete apron (Figure 5). The site includes also a tank farm, approximately 150 feet north of Building 3557. The tank farm has seven above-ground vertical storage tanks. Some of the tanks are designated as T-101 (epoxy stripper MIL-R-81294), T-105 (detergent MIL-C-43616), T-106 (stoddard solvent PD 680-Type II), and T-107 (unknown). These solvents and cleaning solutions are on-line to Building 3357's machinery through piping enclosed in a concrete-lined trench buried 6 feet bls.

In May 1984, the pipeline between Building 3557 and the tank farm leaked, releasing 45,000 gallons of solvent. The solution leaked through a gap between the concrete trench and Building 3557's foundation. None of the solution was recovered.

To investigate this site, Geraghty and Miller (GM) drilled and set four permanent wells; GM-53, GM-56, GM-57, and GM-61 (Figure 5). The construction details for these wells are presented in Table 5.

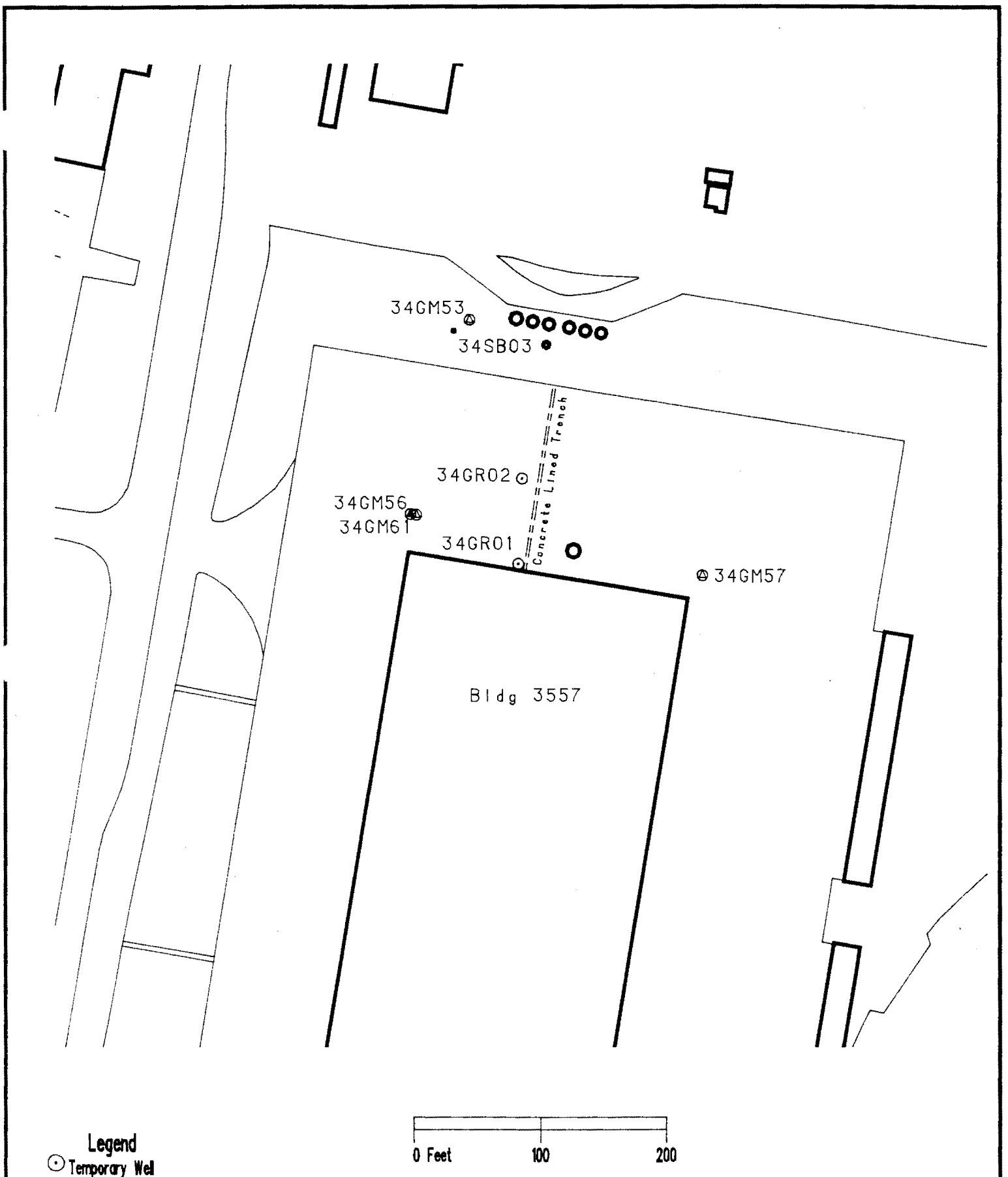
Table 5
Construction Details of Monitoring Wells Near Site 34

Well No.	Surface Elev.	T.O.C Elev.	Total Depth Drilled	Screen Interval	Depth to Filter Pack
GM-53	3.7	6.2	15.0	12.5-15.0	6.0
GM-56	9.3	8.89	12.5	10.0-12.5	4.0
GM-57	9.6	9.31	12.5	10.0-12.5	4.0
GM-61	9.3	8.91	87.5	82.5-87.5	76.0

Source: Geraghty & Miller, Inc. 1986

Notes: T.O.C. = Top of Casing
measurements in feet
Datum = mean sea level

The SAP (February 1994) reviews the groundwater analysis from these wells.



Legend
- Temporary Well
- Existing Perminent Well (Shallow)
- Existing Perminent Well (Deep)
- Soil Boring

Technical Memorandum
NAS Pensacola
Pensacola, Florida

Figure 5
TEMPORARY MONITOR WELL LOCATIONS - SITE 34

Date: 08 MAR 94 | AML: pcola_tm

Field Work Summary

EnSafe drilled two soil borings/temporary wells along the concrete trench, sampled the pre-existing monitoring wells, and completed a soil boring just west of the tank farm. One temporary well, GR-01, was placed in the spill site's immediate vicinity, while GR-02 was placed 60 feet north of GR-02 along the pipeline trench (Figure 5).

Drilling started and ended on February 7, 1994. GR-01 was drilled to 17 feet and set at 16.4 feet bls, while GR-02 was drilled to 15 feet and set at 14.2 feet bls (Table 6). The same method used to core through the concrete at Site 29 was applied here.

The subsurface lithologies consisted of fine- to medium-grained sand, with traces of silt and silty-clay streaks. Colors ranged from orange through tan-to grayish-white. Down-hole vapor concentrations ranged 0 to 17 ppm in GR-01. Photoionization detector (PID) readings up to 60 ppm were emanating from the concrete trench at the junction between the pipeline and Building 3557's foundation. GR-02 had vapor concentrations from 0 to 9 ppm.

The two temporary wells were developed on February 9, and they were purged and sampled on February 10. Three of the four Geraghty and Miller wells were purged and sampled on February 10. Well GM-56 security had been compromised (security cap removed); consequently, this well was not sampled and is scheduled for abandonment.

TABLE 6
SITE 34 CATEGORY V
FEBRUARY 15, 1994

WELL #	T.O.C. ELEV.	DEPTH TO WATER	GROUND-WATER ELEV.	DEPTH OF WELL FROM G.S.
GR-01	10.00	7.97	2.03	-6.4
GR-02	8.03	5.91	2.12	-5.40
GM-53	5.62	3.59	2.03	-14.43
GM-57	8.68	6.29	2.39	-3.67
GM-61**	8.47	6.92	1.55	-76.79

Key: measurements in feet datum mean sea level

G.S.-ground surface

T.O.C.-top of casing

**Type III well, water level not used in piezometric map construction

Summary of Analytical Data

The following section summarizes the analytical results for both soil and groundwater. Data validation has been completed for all of the data, and the full set of laboratory analytical results are included in Appendix A. The discussion of results specifically presents the relationships between **detected** parameters and the ARARs listed below. Parameters detected at concentrations below ARARs are not included in the discussion.

The analytical results were compared to the following general and site-specific ARARs (Appendix B):

Soil

- USEPA Region III RBCs for residential soils
- FDEP Cleanup Goals CGs for the DOD Sites
- NASP-specific background concentrations, developed by the Navy during the Site 1 investigation; these are equal to two times the detected mean for any given parameter.

Groundwater

- USEPA Region III RBCs
- Florida's Primary and Secondary Drinking Water Standards (FPDWS and FSDWS)
- USEPA's NALs for Contaminated Drinking Water
- NAS Pensacola-specific background concentrations, developed by the Navy during the Site 1 investigation; these are equal to two times the detected mean for any given parameter.

SOIL

Organic Compounds

Table 7 presents the analytical summary for organic compounds present above the CRDLs in Site 34 soil. While both pesticides and semivolatile compounds were detected, their concentrations were below the applicable RBCs and CGs. The two semi-volatiles detected were 2-methylnapthalene and naphthalene. These are also present in groundwater (see below).

Inorganics

There were no metals in Site 34 soil samples above the applicable RBCs or CGs. However, calcium (one sample) and lead (two samples) were above NAS Pensacola-specific background standards (912.37 ppm and 7.32 ppm, respectively). Sample 34S0103 had a detected calcium concentration of 3,260 ppm, and samples 34S0103 and 34S0109 had lead concentrations of 689 ppm and 89 ppm, respectively. Notably, lead is not listed on the RBC and is listed as ND on the CG document.

GROUNDWATER

Organics

Table 8 presents the analytical summary of the organic compounds above CRDLs in Site 34 groundwater. Two semivolatile organics--2-methylnapthalene and naphthalene--were present in three wells sampled. Naphthalene concentrations ranged from 2 to 320 ppb which are well below the applicable RBC of 1,500 ppb. The two wells (34GR01 and 34GR3402) exhibited naphthalene concentrations above the NAL (100 ppb). Two-methylnapthlene is not addressed in either of the documents or in a FPDWS/FPSWS.

Inorganics

Aluminum concentrations in GM-53 (482 ppb) exceeded the FSDWS (200 ppb) but was well below the RBC of 110,000 ppm and NAS Pensacola-specific background standard of 241,000 ppb. Manganese in sample 34GR01 was 475 ppm, exceeding the applicable RCB (180 ppm) and the NAL (200 ppm). However, the manganese concentration is below FSDWS (500 ppm) and NAS Pensacola-specific background standard of 732 ppm. Calcium concentrations were above NAS Pensacola-specific background standard of 24,200 ppm in all five wells. The concentrations ranged from 48,000 to 73,000 ppm. Similar to Site 29, these calcium values could be related to the overlying concrete apron and/or a change in lithology, with more shell material present. Iron concentrations exceeded the FSDWS (300 ppb) in all wells except GM-57, but were below NAS Pensacola-specific background standard of 94,066 ppb. Iron concentrations above the FSDWS ranged from 1180 ppb to 5520 ppb and averaged 2794 ppb.

CONCLUSIONS AND RECOMMENDATION OF FURTHER ACTION

EnSafe drilled three soil borings converting two into temporary monitoring wells to evaluate a solvent spill from a pipeline connecting Building 3557 to an above ground tank farm. Based on the chemical analysis, the following conclusions and recommendations are presented.

Soil -- Two semivolatile compounds and several pesticides were present in soil; none, however, exceeded an applicable RBCs or CGs. Of the inorganics, only Ca and Pb (01 location) were present at concentrations exceeding NAS Pensacola background standards.

Groundwater -- Napthalene and 2-methylnapthalene were present in groundwater at concentrations below applicable RBCs. Napthalene, however, was present at concentrations above the NAL, and was highest in the southern and central portions of the site, where the pipe leak reportedly occurred. Of the inorganics, Mn was the only parameter present above the applicable RBC (01 location); all of the detected concentrations, however, were below the NAS Pensacola background standard. Al and Fe, while present above state standards, were also below the NAS Pensacola background standards. Ca was present in all wells at concentrations exceeding the NAS Pensacola background standard; similar to Site 29 and 9, however, this probably reflects of the overlying concrete apron and/or shell material in the matrix rather than a release from the site.

Recommended Action

Soil -- In support of delineation, the following recommendations are made:

- Complete two borings, one to the east and one to the west of location 01 to delineate Pb distribution in those directions.

Groundwater -- Although no parameters above applicable RBCs were present, the presence of semivolatiles associated with the pipe leak requires further delineation. In support of lateral and vertical delineation, the following recommendations are made:

- Install a single shallow well approximately 150 feet to the west (downgradient) of location 02
- Replace shallow well GM56, immediately to the west of location 01
- Delineate the semivolatile concentration of the shallow wells with the additional control. Determine, after delineation, the need for vertical control, with intermediate wells. If needed place one intermediate well in the highest concentrated source area; and the second down gradient.

After these recommendations are completed, it is suggested that the data collected should be used to complete a Preliminary Site Characterization Report. The need for permanent well data must be evaluated; should permanent wells be required, it is recommended they be installed at locations 01, GM56, and the proposed downgradient location west of 02.

Table 7
Analytical Data Soils Volatiles, Semi-Volatiles, & Pesticides (ppb)
Site 34

Parameter	Sample Identification Number							
	34S0101	34S0101D	34S0103	34S0107	34S0109	34S0203	34S0206	34S0301
Dieldrin	-	-	-	-	5.6	-	-	4.1
Heptachlor +	1J	1.2J	-	1.6	2.2	2.7J	2J	2J
Heptachlor epoxide	2.4	2.6	1.2J	1.1J	1.1J	-	-	-
alpha-Chlordane*	-	-	1.2J	-	2.2	-	-	7.6
gamma-Chlordane*	3.2	3.6	5.1	11	-	-	-	5.5
Methylnaphthalene*	-	-	-	-	460	-	-	-
Naphthalene	-	-	-	-	170J	-	-	-

Key: Bold lettering indicates compound exceeded EPA Region III Risk-Based-Concentration (RBC)
* Compound not on EPA III Risk-Based-Concentration List
\- Not present above contract detection limits
\- Underline indicates concentration is above Florida Department of Environmental Protection Cleanup Goals (CG) for DOD Sites
\+ Not present on Florida Department of Environment Protection CG

Table 8
Analytical Data Groundwater, Volatiles and Semivolatiles ppb

Parameter	Sample Identification Number			
	34GR01	34GR02	34GR02D	GM-57
2-Methylnapthalene*	120	270	260	4
Naphthalene	320	320	280	2

Key: Bold lettering indicates compound exceeded EPA Region III Risk-Base-Concentration
* Compound not on EPA III Risk-Base-Concentration List

Appendix A

CAT V Sites 9,29 and 34
Chemical Analysis

DATA QUALIFIER DEFINITIONS

The following definitions provide a brief explanation of the data qualifiers used in the validation process.

U — The compound was analyzed for, but was not detected above the reported sample quantitation limit.

J — The compound was positively detected, however, the reported concentration is considered to approximate the concentration within the sample.

UJ — The compound was not detected above the reported sample quantitation limit. However, the reported quantitation limit is an approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the compound in the sample.

R — The sample results are rejected due to serious deficiencies in the laboratory's ability to analyze the sample and meet QC criteria. The presence or absence of the compound cannot be verified.

PENSACOLA, FLORIDA

SITE 9

PENSACOLA SITE 9
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	09GGM29	09GGM30	09GR01	09GR01D	09GR02	09GR03
		02/05/94	02/05/94	02/05/94	02/05/94	02/04/94	02/05/94
I Aluminum	UG/L	29.0000 UJ	268.0000 J	29.0000 UJ	29.0000 UJ	258.0000 J	375.0000 J
I Antimony	UG/L	36.0000 UJ	36.0000 UJ	36.0000 UJ	36.0000 UJ	36.0000 UJ	36.0000 UJ
I Arsenic	UG/L	4.0000 U	5.5000 U	4.0000 U	4.0000 U	7.5000 U	4.0000 U
I Barium	UG/L	30.7000	3.9000 U	2.9000 U	3.0000 U	129.0000	8.8000 U
I Beryllium	UG/L	3.0000 U	3.0000 U	3.0000 U	3.0000 U	3.0000 U	3.0000 U
I Cadmium	UG/L	5.0000 U	5.0000 U	5.0000 U	5.0000 U	5.0000 U	5.0000 U
I Calcium	UG/L	36100.0000	3600.0000	16200.0000	16000.0000	14400.0000	7390.0000
I Chromium	UG/L	4.0000 UJ	4.0000 UJ	4.0000 UJ	4.0000 UJ	4.0000 UJ	4.0000 UJ
I Cobalt	UG/L	6.0000 U	6.0000 U	6.0000 U	6.0000 U	6.0000 U	6.0000 U
I Copper	UG/L	3.0000 U	3.0000 U	3.0000 U	3.0000 U	5.8000	3.0000 U
I Cyanide	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
I Iron	UG/L	819.0000 J	1230.0000 J	318.0000 J	318.0000 J	3940.0000 J	1240.0000 J
I Lead	UG/L	7.2000 J	2.0000 UJ	2.0000 UJ	2.0000 UJ	27.0000	2.0000 UJ
I Magnesium	UG/L	1670.0000	2400.0000	2200.0000	2220.0000	2500.0000	5210.0000
I Manganese	UG/L	30.4000	27.8000 J	10.8000 J	10.8000 J	59.3000	51.6000 J
I Mercury	UG/L	0.2000 U	0.2000 U	0.2000 U	0.2000 U	0.2000 U	0.2000 U
I Nickel	UG/L	15.0000 U	15.0000 U	15.0000 U	15.0000 U	15.0000 U	15.0000 U
I Potassium	UG/L	1190.0000 J	2550.0000 J	1490.0000 J	1310.0000 J	1400.0000 J	2110.0000 J
I Selenium	UG/L	5.0000 U	5.0000 U	5.0000 U	5.0000 U	5.0000 U	5.2000
I Silver	UG/L	6.0000 U	6.0000 U	6.0000 U	6.0000 U	6.0000 U	6.0000 U
I Sodium	UG/L	3270.0000 J	4050.0000 J	10000.0000 J	10400.0000 J	14300.0000 J	20000.0000 J
I Thallium	UG/L	8.0000 U	8.0000 U	8.0000 U	8.0000 U	8.0000 U	8.0000 U
I Vanadium	UG/L	6.0000 U	6.0000 U	6.0000 U	6.0000 U	6.0000 U	6.0000 U
I Zinc	UG/L	9.0000 U	56.2000	9.0000 U	9.0000 U	75.1000	11.0000
P 4,4'-DDD	UG/L	0.1100 U	0.1100 UJ	0.1100 U	0.1100 U	0.1000 UJ	0.1100 UJ
P 4,4'-DDE	UG/L	0.1100 U	0.1100 UJ	0.1100 U	0.1100 U	0.1000 UJ	0.1100 UJ
P 4,4'-DDT	UG/L	0.1100 U	0.1100 UJ	0.1100 U	0.1100 U	0.1000 UJ	0.1100 UJ
P Aldrin	UG/L	0.0600 U	0.0500 UJ	0.0500 U	0.0600 U	0.0500 UJ	0.0500 UJ
P Aroclor 1016	UG/L	1.1000 U	1.1000 UJ	1.1000 U	1.1000 U	1.0000 UJ	1.1000 UJ
P Aroclor 1221	UG/L	2.2000 U	2.1000 UJ	2.1000 U	2.2000 U	2.1000 UJ	2.1000 UJ
P Aroclor 1232	UG/L	1.1000 U	1.1000 UJ	1.1000 U	1.1000 U	1.0000 UJ	1.1000 UJ
P Aroclor 1242	UG/L	1.1000 U	1.1000 UJ	1.1000 U	1.1000 U	1.0000 UJ	1.1000 UJ

PENSACOLA SITE 9
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09GGM29	09GGM30	09GR01	09GR01D	09GR02	09GR03
	LAB ID:	1915.1	1916.0	1911.9	1912.7	1881.3	1913.5
	LAB RCVD:	02/05/94	02/05/94	02/05/94	02/05/94	02/04/94	02/05/94
PARAMETER	UNITS						
P Aroclor 1248	UG/L	1.1000 U	1.1000 UJ	1.1000 U	1.1000 U	1.0000 UJ	1.1000 UJ
P Aroclor 1254	UG/L	1.1000 U	1.1000 UJ	1.1000 U	1.1000 U	1.0000 UJ	1.1000 UJ
P Aroclor 1260	UG/L	1.1000 U	1.1000 UJ	1.1000 U	1.1000 U	1.0000 UJ	1.1000 UJ
P Dieldrin	UG/L	0.1100 U	0.1100 UJ	0.1100 U	0.1100 U	0.1000 UJ	0.1100 UJ
P Endosulfan I	UG/L	0.0600 U	0.0500 UJ	0.0500 U	0.0600 U	0.0500 UJ	0.0500 UJ
P Endosulfan II	UG/L	0.1100 U	0.1100 UJ	0.1100 U	0.1100 U	0.1000 UJ	0.1100 UJ
P Endosulfan sulfate	UG/L	0.1100 U	0.1100 UJ	0.1100 U	0.1100 U	0.1000 UJ	0.1100 UJ
P Endrin	UG/L	0.1100 U	0.1100 UJ	0.1100 U	0.1100 U	0.1000 UJ	0.1100 UJ
P Endrin aldehyde	UG/L	0.1100 U	0.1100 UJ	0.1100 U	0.1100 U	0.1000 UJ	0.1100 UJ
P Endrin ketone	UG/L	0.1100 U	0.1100 UJ	0.1100 U	0.1100 U	0.1000 UJ	0.1100 UJ
P Heptachlor	UG/L	0.0600 U	0.0500 UJ	0.0500 U	0.0600 U	0.0500 UJ	0.0500 UJ
P Heptachlor epoxide	UG/L	0.0600 U	0.0500 UJ	0.0500 U	0.0600 U	0.0500 UJ	0.0500 UJ
P Methoxychlor	UG/L	0.5600 U	0.5300 UJ	0.5300 U	0.5500 U	0.5200 UJ	0.5300 UJ
P Toxaphene	UG/L	5.6000 U	5.3000 UJ	5.3000 U	5.5000 U	5.2000 UJ	5.3000 UJ
P alpha-BHC	UG/L	0.0600 U	0.0500 UJ	0.0500 U	0.0600 U	0.0500 UJ	0.0500 UJ
P alpha-Chlordane	UG/L	0.0600 U	0.0500 UJ	0.0500 U	0.0600 U	0.0500 UJ	0.0500 UJ
P beta-BHC	UG/L	0.0600 U	0.0500 UJ	0.0500 U	0.0600 U	0.0500 UJ	0.0500 UJ
P delta-BHC	UG/L	0.0600 U	0.0500 UJ	0.0500 U	0.0600 U	0.0500 UJ	0.0500 UJ
P gamma-BHC (Lindane)	UG/L	0.0600 U	0.0500 UJ	0.0500 U	0.0600 U	0.0500 UJ	0.0500 UJ
P gamma-Chlordane	UG/L	0.0600 U	0.0500 UJ	0.0500 U	0.0600 U	0.0500 UJ	0.0500 UJ
S 1,2,4-Trichlorobenzene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 1,2-Dichlorobenzene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 1,3-Dichlorobenzene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 1,4-Dichlorobenzene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 2,4,5-Trichlorophenol	UG/L	26.0000 U	26.0000 U	27.0000 U	26.0000 U	27.0000 U	27.0000 U
S 2,4,6-Trichlorophenol	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 2,4-Dichlorophenol	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 2,4-Dimethylphenol	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 2,4-Dinitrophenol	UG/L	26.0000 R	26.0000 R	27.0000 U	26.0000 U	27.0000 R	27.0000 U
S 2,4-Dinitrotoluene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 2,6-Dinitrotoluene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 2-Chloronaphthalene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U

PENSACOLA SITE 9
WATER SAMPLES

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	ENSAFE ID:	09GGM29	09GGM30	09GR01	09GR01D	09GR02	09GR03
	LAB ID:	1915.1	1916.0	1911.9	1912.7	1881.3	1913.5
	LAB RCVD:	02/05/94	02/05/94	02/05/94	02/05/94	02/04/94	02/05/94
PARAMETER	UNITS						
S 2-Chlorophenol	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 2-Methylnaphthalene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 2-Methylphenol	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 2-Nitroaniline	UG/L	26.0000 U	26.0000 U	27.0000 U	26.0000 U	27.0000 U	27.0000 U
S 2-Nitrophenol	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 3,3'-Dichlorobenzidine	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 3-Nitroaniline	UG/L	26.0000 U	26.0000 U	27.0000 U	26.0000 U	27.0000 U	27.0000 U
S 4,6-Dinitro-2-methylphenol	UG/L	26.0000 U	26.0000 U	27.0000 U	26.0000 U	27.0000 U	27.0000 U
S 4-Bromophenyl-phenylether	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 4-Chloro-3-methylphenol	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 4-Chloroaniline	UG/L	10.0000 R	10.0000 R	11.0000 UJ	10.0000 UJ	11.0000 R	11.0000 UJ
S 4-Chlorophenyl-phenylether	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 4-Methylphenol	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S 4-Nitroaniline	UG/L	26.0000 U	26.0000 U	27.0000 U	26.0000 U	27.0000 U	27.0000 U
S 4-Nitrophenol	UG/L	26.0000 U	26.0000 U	27.0000 U	26.0000 U	27.0000 U	27.0000 U
S Acenaphthene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Acenaphthylene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Anthracene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Benzo(a)anthracene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Benzo(a)pyrene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Benzo(b)fluoranthene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Benzo(g,h,i)perylene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Benzo(k)fluoranthene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Butylbenzylphthalate	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Carbazole	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Chrysene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Di-n-butylphthalate	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Di-n-octylphthalate	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Dibenz(a,h)anthracene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Dibenzofuran	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Diethylphthalate	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Dimethylphthalate	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U

PENSACOLA SITE 9
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09GGM29	09GGM30	09GR01	09GR01D	09GR02	09GR03
	LAB ID:	1915.1	1916.0	1911.9	1912.7	1881.3	1913.5
	LAB RCVD:	02/05/94	02/05/94	02/05/94	02/05/94	02/04/94	02/05/94
PARAMETER	UNITS						
S Fluoranthene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Fluorene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Hexachlorobenzene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Hexachlorobutadiene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Hexachlorocyclopentadiene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Hexachloroethane	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Indeno(1,2,3-cd)pyrene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Isophorone	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S N-Nitroso-di-n-propylamine	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S N-Nitrosodiphenylamine	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Naphthalene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Nitrobenzene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Pentachlorophenol	UG/L	26.0000 U	26.0000 U	27.0000 U	26.0000 U	27.0000 U	27.0000 U
S Phenanthrene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Phenol	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S Pyrene	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S bis(2-Chloroethoxy)methane	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S bis(2-Ethlyhexy)phthalate	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S bis(2-chloroethyl)ether	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
S bis(2-chloroisopropyl)ether	UG/L	10.0000 U	10.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U
V 1,1,1-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1,2,2-Tetrachloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1,2-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1-Dichloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,2-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,2-Dichloroethene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,2-Dichloropropane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 2-Butanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 2-Hexanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 4-Methyl-2-Pentanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Acetone	UG/L	11.0000 U	10.0000 U	15.0000 U	34.0000 U	18.0000 U	44.0000 U

PENSACOLA SITE 9
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	UNITS	09GGM29	09GGM30	09GR01	09GR01D	09GR02	09GR03
ENSAFE ID:		09GGM29	09GGM30	09GR01	09GR01D	09GR02	09GR03
LAB ID:							
LAB RCVD:		02/05/94	02/05/94	02/05/94	02/05/94	02/04/94	02/05/94
V Benzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Bromodichloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Bromoform	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Bromomethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Carbon Disulfide	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Carbon Tetrachloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chlorobenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chloroform	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Dibromochloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Ethylbenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Methylene Chloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Styrene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Tetrachloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Toluene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Trichloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Vinyl Chloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Xylene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V cis-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V trans-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 9
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	09GR04	09GR04D	09GR05	09GR06	09GR07	09GR07MS
		02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
I Aluminum	UG/L	267.0000 J	425.0000 J	404.0000 J	1190.0000 J	630.0000 J	.
I Antimony	UG/L	36.0000 UJ	36.0000 UJ	36.0000 UJ	36.0000 UJ	36.0000 UJ	.
I Arsenic	UG/L	4.0000 U	4.0000 U	4.0000 U	10.2000 J	4.0000 U	.
I Barium	UG/L	22.3000	21.0000	15.4000	41.6000	34.6000	.
I Beryllium	UG/L	3.0000 U	3.0000 U	3.0000 U	3.0000 U	3.0000 U	.
I Cadmium	UG/L	5.0000 U	5.0000 U	5.0000 U	5.0000 U	5.0000 U	.
I Calcium	UG/L	20300.0000	20200.0000	11900.0000	17700.0000	22100.0000	.
I Chromium	UG/L	4.0000 UJ	4.0000 UJ	4.0000 UJ	4.0000 UJ	4.0000 UJ	.
I Cobalt	UG/L	6.0000 U	6.0000 U	6.0000 U	6.0000 U	6.0000 U	.
I Copper	UG/L	3.0000 U	3.0000 U	3.0000 U	5.9000	4.6000	.
I Cyanide	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
I Iron	UG/L	343.0000 J	218.0000 J	1300.0000 J	1180.0000 J	544.0000 J	.
I Lead	UG/L	2.6000 J	2.5000 J	2.3000 J	3.1000 J	2.7000 J	.
I Magnesium	UG/L	3200.0000	3180.0000	2400.0000	3100.0000	3000.0000	.
I Manganese	UG/L	691.0000	693.0000	134.0000	357.0000	298.0000	.
I Mercury	UG/L	0.2000 U	0.2000 U	0.2000 U	0.2000 U	0.2000 U	.
I Nickel	UG/L	15.0000 U	15.0000 U	15.0000 U	15.0000 U	15.0000 U	.
I Potassium	UG/L	1660.0000 J	1110.0000 J	601.0000 J	1250.0000 J	1850.0000 J	.
I Selenium	UG/L	5.0000 U	5.0000 U	5.0000 U	5.0000 U	5.0000 U	.
I Silver	UG/L	6.0000 U	6.0000 U	6.0000 U	6.0000 U	6.0000 U	.
I Sodium	UG/L	6730.0000 J	6750.0000 J	2430.0000 J	4860.0000 J	11200.0000 J	.
I Thallium	UG/L	8.0000 U	8.0000 U	8.0000 U	8.0000 U	8.0000 U	.
I Vanadium	UG/L	6.0000 U	6.0000 U	6.0000 U	6.0000 U	6.0000 U	.
I Zinc	UG/L	23.6000 J	15.0000 J	14.6000	61.8000	21.5000	.
P 4,4'-DDD	UG/L	0.1100 U	0.1100 U	0.1000 UJ	0.1100 U	0.1100 U	0.0200 J
P 4,4'-DDE	UG/L	0.1100 U	0.1100 U	0.1000 UJ	0.1100 U	0.1100 U	0.1100 U
P 4,4'-DDT	UG/L	0.1100 U	0.1100 U	0.1000 UJ	0.1100 U	0.1100 U	1.0000
P Aldrin	UG/L	0.0500 U	0.0500 U	0.0500 UJ	0.0500 U	0.0600 U	0.4600
P Aroclor 1016	UG/L	1.1000 U	1.1000 U	1.0000 UJ	1.1000 U	1.1000 U	1.1000 U
P Aroclor 1221	UG/L	2.1000 U	2.2000 U	2.1000 UJ	2.2000 U	2.3000 U	2.1000 U
P Aroclor 1232	UG/L	1.1000 U	1.1000 U	1.0000 UJ	1.1000 U	1.1000 U	1.1000 U

PENSACOLA SITE 9
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09GR04	09GR04D	09GR05	09GR06	09GR07	09GR07MS
	LAB ID:	1876.7	1877.5	1880.5	1883.0	1879.1	1879.1MS
	LAB RCVD:	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
P Aroclor 1242	UG/L	1.1000 U	1.1000 U	1.0000 UJ	1.1000 U	1.1000 U	1.1000 U
P Aroclor 1248	UG/L	1.1000 U	1.1000 U	1.0000 UJ	1.1000 U	1.1000 U	1.1000 U
P Aroclor 1254	UG/L	1.1000 U	1.1000 U	1.0000 UJ	1.1000 U	1.1000 U	1.1000 U
P Aroclor 1260	UG/L	1.1000 U	1.1000 U	1.0000 UJ	1.1000 U	1.1000 U	1.1000 U
P Dieldrin	UG/L	0.1100 U	0.1100 U	0.1000 UJ	0.1100 U	0.1100 U	1.1000
P Endosulfan I	UG/L	0.0500 U	0.0500 U	0.0500 UJ	0.0500 U	0.0600 U	0.0500 U
P Endosulfan II	UG/L	0.1100 U	0.1100 U	0.1000 UJ	0.1100 U	0.1100 U	0.1100 U
P Endosulfan sulfate	UG/L	0.1100 U	0.1100 U	0.1000 UJ	0.1100 U	0.1100 U	0.1100 U
P Endrin	UG/L	0.1100 U	0.1100 U	0.1000 UJ	0.1100 U	0.1100 U	1.0000
P Endrin aldehyde	UG/L	0.1100 U	0.1100 U	0.1000 UJ	0.1100 U	0.1100 U	0.1100 U
P Endrin ketone	UG/L	0.1100 U	0.1100 U	0.1000 UJ	0.1100 U	0.1100 U	0.1100 U
P Heptachlor	UG/L	0.0500 U	0.0500 U	0.0500 UJ	0.0500 U	0.0600 U	0.4500
P Heptachlor epoxide	UG/L	0.0500 U	0.0500 U	0.0500 UJ	0.0500 U	0.0600 U	0.0500 U
P Methoxychlor	UG/L	0.5300 U	0.5400 U	0.5200 UJ	0.5400 U	0.5700 U	0.5300 U
P Toxaphene	UG/L	5.3000 U	5.4000 U	5.2000 UJ	5.4000 U	5.7000 U	5.3000 U
P alpha-BHC	UG/L	0.0500 U	0.0500 U	0.0500 UJ	0.0500 U	0.0600 U	0.0500 U
P alpha-Chlordane	UG/L	0.0500 U	0.0500 U	0.0500 UJ	0.0500 U	0.0600 U	0.0500 U
P beta-BHC	UG/L	0.0500 U	0.0500 U	0.0500 UJ	0.0500 U	0.0600 U	0.0500 U
P delta-BHC	UG/L	0.0500 U	0.0500 U	0.0500 UJ	0.0500 U	0.0600 U	0.0500 U
P gamma-BHC (Lindane)	UG/L	0.0500 U	0.0500 U	0.0500 UJ	0.0500 U	0.0600 U	0.5200
P gamma-Chlordane	UG/L	0.0500 U	0.0500 U	0.0500 UJ	0.0500 U	0.0600 U	0.0500 U
S 1,2,4-Trichlorobenzene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	26.0000
S 1,2-Dichlorobenzene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S 1,3-Dichlorobenzene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S 1,4-Dichlorobenzene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	26.0000
S 2,4,5-Trichlorophenol	UG/L	28.0000 U	25.0000 U	28.0000 U	26.0000 U	26.0000 U	27.0000 U
S 2,4,6-Trichlorophenol	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S 2,4-Dichlorophenol	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S 2,4-Dimethylphenol	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S 2,4-Dinitrophenol	UG/L	28.0000 R	25.0000 R	28.0000 R	26.0000 R	26.0000 R	27.0000 U
S 2,4-Dinitrotoluene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	32.0000
S 2,6-Dinitrotoluene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U

PENSACOLA SITE 9
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	UNITS	09GR04	09GR04D	09GR05	09GR06	09GR07	09GR07MS
ENSAFE ID:		09GR04	09GR04D	09GR05	09GR06	09GR07	09GR07MS
LAB ID:		1876.7	1877.5	1880.5	1883.0	1879.1	1879.1MS
LAB RCVD:		02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
S 2-Chloronaphthalene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S 2-Chlorophenol	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	57.0000
S 2-Methylnaphthalene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S 2-Methylphenol	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S 2-Nitroaniline	UG/L	28.0000 U	25.0000 U	28.0000 U	26.0000 U	26.0000 U	27.0000 U
S 2-Nitrophenol	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S 3,3'-Dichlorobenzidine	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S 3-Nitroaniline	UG/L	28.0000 U	25.0000 U	28.0000 U	26.0000 U	26.0000 U	27.0000 U
S 4,6-Dinitro-2-methylphenol	UG/L	28.0000 U	25.0000 U	28.0000 U	26.0000 U	26.0000 U	27.0000 U
S 4-Bromophenyl-phenylether	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S 4-Chloro-3-methylphenol	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	66.0000
S 4-Chloroaniline	UG/L	11.0000 R	10.0000 R	11.0000 R	10.0000 R	10.0000 R	11.0000 U
S 4-Chlorophenyl-phenylether	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S 4-Methylphenol	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S 4-Nitroaniline	UG/L	28.0000 U	25.0000 U	28.0000 U	26.0000 U	26.0000 U	27.0000 U
S 4-Nitrophenol	UG/L	28.0000 U	25.0000 U	28.0000 U	26.0000 U	26.0000 U	90.0000
S Acenaphthene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	40.0000
S Acenaphthylene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Anthracene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Benzo(a)anthracene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Benzo(a)pyrene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Benzo(b)fluoranthene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Benzo(g,h,i)perylene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Benzo(k)fluoranthene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Butylbenzylphthalate	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Carbazole	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Chrysene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Di-n-butylphthalate	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	4.0000 J
S Di-n-octylphthalate	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Dibenz(a,h)anthracene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Dibenzofuran	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Diethylphthalate	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U

PENSACOLA SITE 9
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09GR04	09GR04D	09GR05	09GR06	09GR07	09GR07MS
	LAB ID:	1876.7	1877.5	1880.5	1883.0	1879.1	1879.1MS
	LAB RCVD:	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
S Dimethylphthalate	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Fluoranthene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Fluorene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Hexachlorobenzene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Hexachlorobutadiene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Hexachlorocyclopentadiene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Hexachloroethane	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Indeno(1,2,3-cd)pyrene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Isophorone	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S N-Nitroso-di-n-propylamine	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	34.0000
S N-Nitrosodiphenylamine	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Naphthalene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Nitrobenzene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Pentachlorophenol	UG/L	28.0000 U	25.0000 U	28.0000 U	26.0000 U	26.0000 U	83.0000
S Phenanthrene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S Phenol	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	56.0000
S Pyrene	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	32.0000
S bis(2-Chloroethoxy)methane	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S bis(2-Ethlyhexy)phthalate	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	2.0000 J
S bis(2-chloroethyl)ether	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
S bis(2-chloroisopropyl)ether	UG/L	11.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	11.0000 U
V 1,1,1-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1,2,2-Tetrachloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1,2-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1-Dichloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	46.0000
V 1,2-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,2-Dichloroethene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,2-Dichloropropane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 2-Butanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 2-Hexanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 4-Methyl-2-Pentanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U

PENSACOLA SITE 9
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	09GR04	09GR04D	09GR05	09GR06	09GR07	09GR07MS
	LAB RCVD:	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
V Acetone	UG/L	10.0000 J	10.0000 U	10.0000 U	17.0000 U	16.0000 U	19.0000
V Benzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	49.0000
V Bromodichloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Bromoform	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Bromomethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Carbon Disulfide	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Carbon Tetrachloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chlorobenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	48.0000
V Chloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chloroform	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Dibromochloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Ethylbenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Methylene Chloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Styrene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Tetrachloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Toluene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	48.0000
V Trichloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	48.0000
V Vinyl Chloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Xylene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V cis-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V trans-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 9
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	09GR07MSD	09GR08	09GR09	LCS35MS / LCS35MS	LCS35MSD / LCS35MSD	LCS36MS / LCS36MS
	LAB RCVD:	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
		.	.	.	.	.	.
I Aluminum	UG/L	.	393.0000 J	2050.0000 J	.	.	.
I Antimony	UG/L	.	36.0000 UJ	36.0000 UJ	.	.	.
I Arsenic	UG/L	.	6.6000 J	4.0000 U	.	.	.
I Barium	UG/L	.	51.3000	26.1000	.	.	.
I Beryllium	UG/L	.	3.0000 U	3.0000 U	.	.	.
I Cadmium	UG/L	.	5.0000 U	5.0000 U	.	.	.
I Calcium	UG/L	.	17400.0000	10900.0000	.	.	.
I Chromium	UG/L	.	4.0000 UJ	6.0000 UJ	.	.	.
I Cobalt	UG/L	.	6.0000 U	6.0000 U	.	.	.
I Copper	UG/L	.	3.0000 U	5.6000	.	.	.
I Cyanide	UG/L	.	10.0000 U	10.0000 U	.	.	.
I Iron	UG/L	.	162.0000 U	1060.0000 J	.	.	.
I Lead	UG/L	.	2.0000 J	3.4000 J	.	.	.
I Magnesium	UG/L	.	1590.0000	1340.0000	.	.	.
I Manganese	UG/L	.	21.8000 J	61.5000	.	.	.
I Mercury	UG/L	.	0.2000 U	0.2000 U	.	.	.
I Nickel	UG/L	.	15.0000 U	15.0000 U	.	.	.
I Potassium	UG/L	.	1840.0000 J	1300.0000 J	.	.	.
I Selenium	UG/L	.	6.1000	5.0000 U	.	.	.
I Silver	UG/L	.	6.0000 U	6.0000 U	.	.	.
I Sodium	UG/L	.	3390.0000 J	3920.0000 J	.	.	.
I Thallium	UG/L	.	8.0000 U	8.0000 U	.	.	.
I Vanadium	UG/L	.	6.0000 U	6.0000 U	.	.	.
I Zinc	UG/L	.	61.1000	58.7000	.	.	.
P 4,4'-DDD	UG/L	0.0200 J	0.1100 U	0.1100 U	0.0800 J	0.0800 J	0.1000 U
P 4,4'-DDE	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1000 U	0.1000 U	0.1000 U
P 4,4'-DDT	UG/L	0.9400	0.1100 U	0.1100 U	1.1000	1.1000	1.0000
P Aldrin	UG/L	0.4300	0.0600 U	0.0600 U	0.4800	0.4400 J	0.4200
P Aroclor 1016	UG/L	1.1000 U	1.1000 U	1.1000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1221	UG/L	2.1000 U	2.2000 U	2.2000 U	2.0000 U	2.0000 U	2.0000 U
P Aroclor 1232	UG/L	1.1000 U	1.1000 U	1.1000 U	1.0000 U	1.0000 U	1.0000 U

PENSACOLA SITE 9
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09GR07MSD	09GR08	09GR09	LCS35MS	LCS35MSD	LCS36MS
	LAB ID:	1879.1MSD	1822.1	1878.3	LCS35MS	LCS35MSD	LCS36MS
	LAB RCVD:	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
P Aroclor 1242	UG/L	1.1000 U	1.1000 U	1.1000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1248	UG/L	1.1000 U	1.1000 U	1.1000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1254	UG/L	1.1000 U	1.1000 U	1.1000 U	16.0000	16.0000	14.0000
P Aroclor 1260	UG/L	1.1000 U	1.1000 U	1.1000 U	1.0000 U	1.0000 U	1.0000 U
P Dieldrin	UG/L	0.9900	0.1100 U	0.1100 U	1.1000	1.0000	0.9400
P Endosulfan I	UG/L	0.0500 U	0.0600 U	0.0600 U	0.0800	0.0700	0.0500 U
P Endosulfan II	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1000 U	0.1000 U	0.1000 U
P Endosulfan sulfate	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1000 U	0.1000 U	0.1000 U
P Endrin	UG/L	0.9700	0.1100 U	0.1100 U	1.0000	1.0000	0.9400
P Endrin aldehyde	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1000 U	0.1000 U	0.1000 U
P Endrin ketone	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1000 U	0.1000 U	0.1000 U
P Heptachlor	UG/L	0.4200	0.0600 U	0.0600 U	0.4400	0.4100	0.4000
P Heptachlor epoxide	UG/L	0.0500 U	0.0600 U	0.0600 U	0.0500 U	0.0500 U	0.0500 U
P Methoxychlor	UG/L	0.5300 U	0.5600 U	0.5600 U	0.5000 U	0.5000 U	0.5000 U
P Toxaphene	UG/L	5.3000 U	5.6000 U	5.6000 U	5.0000 U	5.0000 U	5.0000 U
P alpha-BHC	UG/L	0.0500 U	0.0600 U	0.0600 U	0.0500 U	0.0500 U	0.0500 U
P alpha-Chlordane	UG/L	0.0500 U	0.0600 U	0.0600 U	0.0500 U	0.0500 U	0.0500 U
P beta-BHC	UG/L	0.0500 U	0.0600 U	0.0600 U	0.0500 U	0.0500 U	0.0500 U
P delta-BHC	UG/L	0.0500 U	0.0600 U	0.0600 U	0.0500 U	0.0500 U	0.0500 U
P gamma-BHC (Lindane)	UG/L	0.4800	0.0600 U	0.0600 U	0.5000	0.4800	0.4500
P gamma-Chlordane	UG/L	0.0500 U	0.0600 U	0.0600 U	0.0500 U	0.0500 U	0.0500 U
S 1,2,4-Trichlorobenzene	UG/L	27.0000	11.0000 U	10.0000 U	.	.	.
S 1,2-Dichlorobenzene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S 1,3-Dichlorobenzene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S 1,4-Dichlorobenzene	UG/L	28.0000	11.0000 U	10.0000 U	.	.	.
S 2,4,5-Trichlorophenol	UG/L	26.0000 U	28.0000 U	26.0000 U	.	.	.
S 2,4,6-Trichlorophenol	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S 2,4-Dichlorophenol	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S 2,4-Dimethylphenol	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S 2,4-Dinitrophenol	UG/L	26.0000 U	28.0000 R	26.0000 R	.	.	.
S 2,4-Dinitrotoluene	UG/L	31.0000	11.0000 U	10.0000 U	.	.	.
S 2,6-Dinitrotoluene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.

PENSACOLA SITE 9
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09GR07MSD	09GR08	09GR09	LCS35MS	LCS35MSD	LCS36MS
	LAB ID:	1879.1MSD	1882.1	1878.3	LCS35MS	LCS35MSD	LCS36MS
	LAB RCVD:	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S 2-Chlorophenol	UG/L	56.0000	11.0000 U	10.0000 U	.	.	.
S 2-Methylnaphthalene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S 2-Methylphenol	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S 2-Nitroaniline	UG/L	26.0000 U	28.0000 U	26.0000 U	.	.	.
S 2-Nitrophenol	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S 3,3'-Dichlorobenzidine	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S 3-Nitroaniline	UG/L	26.0000 U	28.0000 U	26.0000 U	.	.	.
S 4,6-Dinitro-2-methylphenol	UG/L	26.0000 U	28.0000 U	26.0000 U	.	.	.
S 4-Bromophenyl-phenylether	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S 4-Chloro-3-methylphenol	UG/L	57.0000	11.0000 U	10.0000 U	.	.	.
S 4-Chloroaniline	UG/L	10.0000 U	11.0000 R	10.0000 R	.	.	.
S 4-Chlorophenyl-phenylether	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S 4-Methylphenol	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S 4-Nitroaniline	UG/L	26.0000 U	28.0000 U	26.0000 U	.	.	.
S 4-Nitrophenol	UG/L	80.0000	28.0000 U	26.0000 U	.	.	.
S Acenaphthene	UG/L	38.0000	11.0000 U	10.0000 U	.	.	.
S Acenaphthylene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Anthracene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Benzo(a)anthracene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Benzo(a)pyrene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Benzo(b)fluoranthene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Benzo(g,h,i)perylene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Benzo(k)fluoranthene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Butylbenzylphthalate	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Carbazole	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Chrysene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Di-n-butylphthalate	UG/L	3.0000 J	11.0000 U	10.0000 U	.	.	.
S Di-n-octylphthalate	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Dibenz(a,h)anthracene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Dibenzofuran	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Diethylphthalate	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.

PENSACOLA SITE 9
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09GR07MSD	09GR08	09GR09	LCS35MS	LCS35MSD	LCS36MS
	LAB ID:	1879.1MSD	1882.1	1878.3	LCS35MS	LCS35MSD	LCS36MS
	LAB RCVD:	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
S Dimethylphthalate	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Fluoranthene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Fluorene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Hexachlorobenzene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Hexachlorobutadiene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Hexachlorocyclopentadiene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Hexachloroethane	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Indeno(1,2,3-cd)pyrene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Isophorone	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S N-Nitroso-di-n-propylamine	UG/L	33.0000	11.0000 U	10.0000 U	.	.	.
S N-Nitrosodiphenylamine	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Naphthalene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Nitrobenzene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Pentachlorophenol	UG/L	81.0000	28.0000 U	26.0000 U	.	.	.
S Phenanthrene	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S Phenol	UG/L	55.0000	11.0000 U	10.0000 U	.	.	.
S Pyrene	UG/L	34.0000	11.0000 U	10.0000 U	.	.	.
S bis(2-Chloroethoxy)methane	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S bis(2-Ethlyhexy)phthalate	UG/L	5.0000 J	11.0000 U	10.0000 U	.	.	.
S bis(2-chloroethyl)ether	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
S bis(2-chloroisopropyl)ether	UG/L	10.0000 U	11.0000 U	10.0000 U	.	.	.
V 1,1,1-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 1,1,2,2-Tetrachloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 1,1,2-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 1,1-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 1,1-Dichloroethene	UG/L	48.0000	10.0000 U	10.0000 U	.	.	.
V 1,2-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 1,2-Dichloroethene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 1,2-Dichloropropane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 2-Butanone	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 2-Hexanone	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 4-Methyl-2-Pentanone	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.

PENSACOLA SITE 9
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	UNITS	09GR07MSD	09GR08	09GR09	LCS35MS	LCS35MSD	LCS36MS
ENSAFE ID:		09GR07MSD	09GR08	09GR09	LCS35MS	LCS35MSD	LCS36MS
LAB ID:					LCS35MS	LCS35MSD	LCS36MS
LAB RCVD:		02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
V Acetone	UG/L	35.0000	10.0000 U	48.0000 U	.	.	.
V Benzene	UG/L	49.0000	10.0000 U	10.0000 U	.	.	.
V Bromodichloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Bromoform	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Bromomethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Carbon Disulfide	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Carbon Tetrachloride	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Chlorobenzene	UG/L	48.0000	10.0000 U	10.0000 U	.	.	.
V Chloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Chloroform	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Chloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Dibromochloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Ethylbenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Methylene Chloride	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Styrene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Tetrachloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Toluene	UG/L	48.0000	10.0000 U	10.0000 U	.	.	.
V Trichloroethene	UG/L	48.0000	10.0000 U	10.0000 U	.	.	.
V Vinyl Chloride	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Xylene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V cis-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V trans-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0101	09S0101MS	09S0101MSD	09S0103	09S0201	09S0201DL
	LAB ID:	39200-004	39200-7MS	39200-7MSD	39200-005	39200-006	39200-3DL
	LAB RCVD:	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94
PARAMETER	UNITS						
I Aluminum	MG/KG	217.0000 J	.	.	116.0000 J	1360.0000 J	.
I Antimony	MG/KG	2.7000 UJ	.	.	2.1000 UJ	3.0000 UJ	.
I Arsenic	MG/KG	0.4900 U	.	.	0.3900 U	2.5000	.
I Barium	MG/KG	2.3000 U	.	.	1.2000 U	78.1000 U	.
I Beryllium	MG/KG	0.0700 U	.	.	0.0500 U	0.1200	.
I Cadmium	MG/KG	0.3600 U	.	.	0.2800 U	1.2000	.
I Calcium	MG/KG	169.0000	.	.	315.0000 U	2650.0000	.
I Chromium	MG/KG	1.0000 J	.	.	1.3000 J	5.5000 J	.
I Cobalt	MG/KG	0.5400 U	.	.	0.4300 U	0.6100 U	.
I Copper	MG/KG	0.5300 U	.	.	1.3000 U	131.0000	.
I Cyanide	MG/KG	0.0900 U	.	.	0.0800 U	0.0800 U	.
I Iron	MG/KG	381.0000 J	.	.	270.0000 J	2890.0000 J	.
I Lead	MG/KG	12.8000	.	.	17.1000	363.0000	.
I Magnesium	MG/KG	34.0000 U	.	.	40.4000 U	428.0000	.
I Manganese	MG/KG	6.9000 J	.	.	3.3000 J	48.6000 J	.
I Mercury	MG/KG	0.0600	.	.	0.0300	0.4100	.
I Nickel	MG/KG	1.8000 U	.	.	1.4000 U	3.3000	.
I Potassium	MG/KG	110.0000 U	.	.	87.8000 U	123.0000 U	.
I Selenium	MG/KG	0.2900 UJ	.	.	0.2300 UJ	0.3400 J	.
I Silver	MG/KG	0.6100 UJ	.	.	0.4900 UJ	0.6800 UJ	.
I Sodium	MG/KG	4.0000	.	.	4.7000	23.7000	.
I Thallium	MG/KG	0.4800 U	.	.	0.3800 U	0.5300 U	.
I Vanadium	MG/KG	0.8100	.	.	0.4500 U	3.0000	.
I Zinc	MG/KG	7.2000 U	.	.	13.0000 U	256.0000	.
P 4,4'-DDD	UG/KG	3.4000 U	.	.	3.4000 U	3.8000 U	.
P 4,4'-DDE	UG/KG	3.4000 U	.	.	3.4000 U	5.3000	.
P 4,4'-DDT	UG/KG	2.0000 J	.	.	3.4000 U	7.6000	.
P Aldrin	UG/KG	1.7000 U	.	.	1.8000 U	2.0000 U	.
P Aroclor 1016	UG/KG	34.0000 U	.	.	34.0000 U	38.0000 U	.
P Aroclor 1221	UG/KG	68.0000 U	.	.	70.0000 U	77.0000 U	.
P Aroclor 1232	UG/KG	34.0000 U	.	.	34.0000 U	38.0000 U	.
P Aroclor 1242	UG/KG	34.0000 U	.	.	34.0000 U	38.0000 U	.

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0101	09S0101MS	09S0101MSD	09S0103	09S0201	09S0201DL
	LAB ID:	39200-1	39200-7MS	39200-7MSD	39200-2	39200-3	39200-3DL
	LAB RCVD:	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94
PARAMETER	UNITS						
P Aroclor 1248	UG/KG	34.0000 U	.	.	34.0000 U	38.0000 U	.
P Aroclor 1254	UG/KG	34.0000 U	.	.	34.0000 U	38.0000 U	.
P Aroclor 1260	UG/KG	34.0000 U	.	.	34.0000 U	38.0000 U	.
P Dieldrin	UG/KG	3.4000 U	.	.	3.4000 U	3.8000 U	.
P Endosulfan I	UG/KG	1.7000 U	.	.	1.8000 U	2.0000 U	.
P Endosulfan II	UG/KG	3.4000 U	.	.	3.4000 U	3.8000 U	.
P Endosulfan sulfate	UG/KG	3.4000 U	.	.	3.4000 U	3.8000 U	.
P Endrin	UG/KG	3.4000 U	.	.	3.4000 U	3.8000 U	.
P Endrin aldehyde	UG/KG	3.4000 U	.	.	3.4000 U	3.8000 U	.
P Endrin ketone	UG/KG	3.4000 U	.	.	3.4000 U	3.8000 U	.
P Heptachlor	UG/KG	1.7000 U	.	.	1.8000 U	2.0000 U	.
P Heptachlor epoxide	UG/KG	1.7000 U	.	.	1.8000 U	2.0000 U	.
P Methoxychlor	UG/KG	17.0000 U	.	.	18.0000 U	20.0000 U	.
P Toxaphene	UG/KG	170.0000 U	.	.	180.0000 U	200.0000 U	.
P alpha-BHC	UG/KG	1.7000 U	.	.	1.8000 U	2.0000 U	.
P alpha-Chlordane	UG/KG	1.7000 U	.	.	1.8000 U	2.0000 U	.
P beta-BHC	UG/KG	1.7000 U	.	.	1.8000 U	2.0000 U	.
P delta-BHC	UG/KG	1.7000 U	.	.	1.8000 U	2.0000 U	.
P gamma-BHC (Lindane)	UG/KG	1.7000 U	.	.	1.8000 U	2.0000 U	.
P gamma-Chlordane	UG/KG	1.7000 U	.	.	1.8000 U	2.0000 U	.
S 1,2,4-Trichlorobenzene	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 1,2-Dichlorobenzene	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 1,3-Dichlorobenzene	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 1,4-Dichlorobenzene	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 2,4,5-Trichlorophenol	UG/KG	810.0000 U	.	.	820.0000 U	920.0000 U	3700.0000 U
S 2,4,6-Trichlorophenol	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 2,4-Dichlorophenol	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 2,4-Dimethylphenol	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 2,4-Dinitrophenol	UG/KG	810.0000 U	.	.	820.0000 U	920.0000 U	3700.0000 U
S 2,4-Dinitrotoluene	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 2,6-Dinitrotoluene	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 2-Chloronaphthalene	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0101	09S0101MS	09S0101MSD	09S0103	09S0201	09S0201DL
	LAB ID:	39200-1	39200-7MS	39200-7MSD	39200-2	39200-3	39200-3DL
	LAB RCVD:	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94
PARAMETER	UNITS						
S 2-Chlorophenol	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 2-Methylnaphthalene	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 2-Methylphenol	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 2-Nitroaniline	UG/KG	810.0000 U	.	.	820.0000 U	920.0000 U	3700.0000 U
S 2-Nitrophenol	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 3,3'-Dichlorobenzidine	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 3-Nitroaniline	UG/KG	810.0000 U	.	.	820.0000 U	920.0000 U	3700.0000 U
S 4,6-Dinitro-2-methylphenol	UG/KG	810.0000 U	.	.	820.0000 U	920.0000 U	3700.0000 U
S 4-Bromophenyl-phenylether	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 4-Chloro-3-methylphenol	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 4-Chloroaniline	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 4-Chlorophenyl-phenylether	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 4-Methylphenol	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S 4-Nitroaniline	UG/KG	810.0000 U	.	.	820.0000 U	920.0000 U	3700.0000 U
S 4-Nitrophenol	UG/KG	810.0000 U	.	.	820.0000 U	920.0000 U	3700.0000 U
S Acenaphthene	UG/KG	330.0000 U	.	.	340.0000 U	690.0000	790.0000 J
S Acenaphthylene	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S Anthracene	UG/KG	330.0000 U	.	.	340.0000 U	2100.0000 J	2800.0000
S Benzo(a)anthracene	UG/KG	330.0000 U	.	.	340.0000 U	6000.0000	5300.0000 J
S Benzo(a)pyrene	UG/KG	330.0000 U	.	.	340.0000 U	3600.0000 J	4100.0000
S Benzo(b)fluoranthene	UG/KG	330.0000 U	.	.	340.0000 U	5200.0000 J	5600.0000
S Benzo(g,h,i)perylene	UG/KG	330.0000 U	.	.	340.0000 U	1500.0000	1100.0000 J
S Benzo(k)fluoranthene	UG/KG	330.0000 U	.	.	340.0000 U	2300.0000 J	4200.0000
S Butylbenzylphthalate	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S Carbazole	UG/KG	330.0000 U	.	.	340.0000 U	920.0000	900.0000 J
S Chrysene	UG/KG	330.0000 U	.	.	340.0000 U	4400.0000 J	4900.0000
S Di-n-butylphthalate	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S Di-n-octylphthalate	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S Dibenz(a,h)anthracene	UG/KG	330.0000 U	.	.	340.0000 U	520.0000 J	550.0000 J
S Dibenzofuran	UG/KG	330.0000 U	.	.	340.0000 U	310.0000 J	330.0000 J
S Diethylphthalate	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S Dimethylphthalate	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0101	09S0101MS	09S0101MSD	09S0103	09S0201	09S0201DL
	LAB ID:	39200-1	39200-7MS	39200-7MSD	39200-2	39200-3	39200-3DL
	LAB RCVD:	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94
PARAMETER	UNITS						
S Fluoranthene	UG/KG	330.0000 U	.	.	340.0000 U	5200.0000 J	9500.0000
S Fluorene	UG/KG	330.0000 U	.	.	340.0000 U	960.0000	970.0000 J
S Hexachlorobenzene	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S Hexachlorobutadiene	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S Hexachlorocyclopentadiene	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S Hexachloroethane	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S Indeno(1,2,3-cd)pyrene	UG/KG	330.0000 U	.	.	340.0000 U	1400.0000	1300.0000 J
S Isophorone	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S N-Nitroso-di-n-propylamine	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S N-Nitrosodiphenylamine	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S Naphthalene	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S Nitrobenzene	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S Pentachlorophenol	UG/KG	810.0000 U	.	.	820.0000 U	920.0000 U	3700.0000 U
S Phenanthrene	UG/KG	330.0000 U	.	.	340.0000 U	5400.0000 J	8100.0000
S Phenol	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S Pyrene	UG/KG	330.0000 U	.	.	340.0000 U	3900.0000 J	11000.0000
S bis(2-Chloroethoxy)methane	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S bis(2-Ethlyhexy)phthalate	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S bis(2-chloroethyl)ether	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
S bis(2-chloroisopropyl)ether	UG/KG	330.0000 U	.	.	340.0000 U	380.0000 U	1500.0000 U
V 1,1,1-Trichloroethane	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V 1,1,2,2-Tetrachloroethane	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V 1,1,2-Trichloroethane	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V 1,1-Dichloroethane	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V 1,1-Dichloroethene	UG/KG	1200.0000 U	7400.0000	7800.0000	47.0000 U	12.0000 U	23.0000 U
V 1,2-Dichloroethane	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V 1,2-Dichloroethene (total)	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V 1,2-Dichloropropane	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V 2-Butanone	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V 2-Hexanone	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V 4-Methyl-2-Pentanone	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V Acetone	UG/KG	4900.0000 U	5100.0000 U	5300.0000 U	780.0000 U	290.0000 U	560.0000 U

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0101	09S0101MS	09S0101MSD	09S0103	09S0201	09S0201DL
	LAB ID:	39200-7	39200-7MS	39200-7MSD	39200-8	39200-9	39200-9DL
	LAB RCVD:	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94
PARAMETER	UNITS						
V Benzene	UG/KG	1200.0000 U	6800.0000	7100.0000	47.0000 U	12.0000 U	23.0000 U
V Bromodichloromethane	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V Bromoform	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V Bromomethane	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V Carbon Disulfide	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V Carbon Tetrachloride	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V Chlorobenzene	UG/KG	1200.0000 U	6800.0000	7000.0000	47.0000 U	12.0000 U	23.0000 U
V Chloroethane	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V Chloroform	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V Chloromethane	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V Dibromochloromethane	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V Ethylbenzene	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V Methylene Chloride	UG/KG	710.0000 U	750.0000 U	840.0000 U	23.0000 U	5.0000 U	17.0000 U
V Styrene	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V Tetrachloroethene	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V Toluene	UG/KG	1200.0000 U	6500.0000	6900.0000	47.0000 U	12.0000 U	23.0000 U
V Trichloroethene	UG/KG	1200.0000 U	6500.0000	6500.0000	47.0000 U	12.0000 U	23.0000 U
V Vinyl Chloride	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V Xylene (total)	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V cis-1,3-Dichloropropene	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U
V trans-1,3-Dichloropropene	UG/KG	1200.0000 U	1200.0000 U	1200.0000 U	47.0000 U	12.0000 U	23.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0301	09S0301DL	09S0303	09S0303DL	09S0401	09S0401D
	LAB ID:	39189-027	39189-13DL	39189-028	39189-14DL	39189-018	39189-019
	LAB RCVD:	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94
PARAMETER	UNITS						
		.	.	.	.	.	.
I Aluminum	MG/KG	954.0000 J	.	1450.0000 J	.	8050.0000 J	6610.0000 J
I Antimony	MG/KG	3.2000 UJ	.	3.2000 UJ	.	3.2000 UJ	3.0000 UJ
I Arsenic	MG/KG	1.5000	.	1.2000	.	2.5000	2.3000
I Barium	MG/KG	14.7000 U	.	22.2000 U	.	15.1000 U	14.2000 U
I Beryllium	MG/KG	0.0800	.	0.2000	.	0.0800 U	0.0900
I Cadmium	MG/KG	0.6000	.	0.5700	.	0.4300 U	0.4000 U
I Calcium	MG/KG	1170.0000	.	4530.0000	.	758.0000	833.0000
I Chromium	MG/KG	4.4000 J	.	2.8000 J	.	8.0000 J	7.2000 J
I Cobalt	MG/KG	0.6600 U	.	0.6600 U	.	1.3000	1.4000
I Copper	MG/KG	18.5000	.	23.4000	.	3.1000 U	2.7000 U
I Cyanide	MG/KG	0.2100	.	0.1100 U	.	0.1700	0.1100
I Iron	MG/KG	1440.0000 J	.	1060.0000 J	.	5180.0000 J	4590.0000 J
I Lead	MG/KG	109.0000	.	76.3000	.	18.7000	18.1000
I Magnesium	MG/KG	224.0000	.	338.0000	.	80.9000 U	71.5000 U
I Manganese	MG/KG	35.4000 J	.	37.5000 J	.	635.0000 J	683.0000 J
I Mercury	MG/KG	0.0900	.	0.1000	.	0.0300	1.1000
I Nickel	MG/KG	2.1000 U	.	2.2000 U	.	2.6000	2.0000 U
I Potassium	MG/KG	134.0000 U	.	142.0000	.	133.0000 U	124.0000 U
I Selenium	MG/KG	0.3500 UJ	.	0.3500 UJ	.	0.3500 UJ	0.3200 UJ
I Silver	MG/KG	0.7400 UJ	.	0.7400 UJ	.	0.7400 UJ	0.6900 UJ
I Sodium	MG/KG	9.2000	.	31.7000	.	9.9000	12.5000
I Thallium	MG/KG	0.5800 U	.	0.5800 U	.	0.5700 U	0.5300 U
I Vanadium	MG/KG	2.8000	.	1.8000	.	17.0000	15.8000
I Zinc	MG/KG	72.2000	.	73.9000	.	12.3000 U	8.5000 U
P 4,4'-DDD	UG/KG	4.2000 J	35.0000 U	190.0000 J	210.0000	3.8000 U	3.7000 U
P 4,4'-DDE	UG/KG	250.0000 J	270.0000	210.0000 J	210.0000	3.8000 U	3.7000 U
P 4,4'-DDT	UG/KG	220.0000 J	220.0000	59.0000 J	60.0000	3.8000 U	3.7000 U
P Aldrin	UG/KG	1.8000 U	18.0000 U	2.0000 U	20.0000 U	2.0000 U	1.9000 U
P Aroclor 1016	UG/KG	35.0000 U	350.0000 U	39.0000 U	390.0000 U	38.0000 U	37.0000 U
P Aroclor 1221	UG/KG	72.0000 U	720.0000 U	80.0000 U	800.0000 U	78.0000 U	76.0000 U
P Aroclor 1232	UG/KG	35.0000 U	350.0000 U	39.0000 U	390.0000 U	38.0000 U	37.0000 U

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0301	09S0301DL	09S0303	09S0303DL	09S0401	09S0401D
	LAB ID:	39189-13	39189-13DL	39189-14	39189-14DL	39189-4	39189-5
	LAB RCVD:	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94
PARAMETER	UNITS						
P Aroclor 1242	UG/KG	35.0000 U	350.0000 U	39.0000 U	390.0000 U	38.0000 U	37.0000 U
P Aroclor 1248	UG/KG	35.0000 U	350.0000 U	39.0000 U	390.0000 U	38.0000 U	37.0000 U
P Aroclor 1254	UG/KG	35.0000 U	350.0000 U	39.0000 U	390.0000 U	38.0000 U	37.0000 U
P Aroclor 1260	UG/KG	35.0000 U	350.0000 U	39.0000 U	390.0000 U	38.0000 U	37.0000 U
P Dieldrin	UG/KG	9.0000 J	35.0000 U	5.3000 J	39.0000 U	16.0000	11.0000
P Endosulfan I	UG/KG	1.8000 U	18.0000 U	2.0000 U	20.0000 U	2.0000 U	1.9000 U
P Endosulfan II	UG/KG	3.5000 U	35.0000 U	3.9000 U	39.0000 U	3.8000 U	3.7000 U
P Endosulfan sulfate	UG/KG	3.5000 U	35.0000 U	3.9000 U	39.0000 U	3.8000 U	3.7000 U
P Endrin	UG/KG	3.5000 U	35.0000 U	3.9000 U	39.0000 U	3.8000 U	3.7000 U
P Endrin aldehyde	UG/KG	3.5000 U	35.0000 U	3.9000 U	39.0000 U	3.8000 U	3.7000 U
P Endrin ketone	UG/KG	3.5000 U	35.0000 U	3.9000 U	39.0000 U	3.8000 U	3.7000 U
P Heptachlor	UG/KG	1.8000 U	18.0000 U	2.0000 U	20.0000 U	2.0000 U	1.9000 U
P Heptachlor epoxide	UG/KG	1.8000 U	18.0000 U	2.0000 U	20.0000 U	2.0000 U	1.9000 U
P Methoxychlor	UG/KG	18.0000 U	180.0000 U	20.0000 U	200.0000 U	20.0000 U	19.0000 U
P Toxaphene	UG/KG	180.0000 U	1800.0000 U	200.0000 U	2000.0000 U	200.0000 U	190.0000 U
P alpha-BHC	UG/KG	1.8000 U	18.0000 U	2.0000 U	20.0000 U	2.0000 U	1.9000 U
P alpha-Chlordane	UG/KG	1.8000 U	18.0000 U	2.0000 U	20.0000 U	2.0000 U	1.9000 U
P beta-BHC	UG/KG	1.8000 U	18.0000 U	2.0000 U	20.0000 U	2.0000 U	1.9000 U
P delta-BHC	UG/KG	1.8000 U	18.0000 U	2.0000 U	20.0000 U	2.0000 U	1.9000 U
P gamma-BHC (Lindane)	UG/KG	1.8000 U	18.0000 U	2.0000 U	20.0000 U	2.0000 U	1.9000 U
P gamma-Chlordane	UG/KG	1.8000 U	18.0000 U	2.0000 U	20.0000 U	2.0000 U	1.9000 U
S 1,2,4-Trichlorobenzene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 1,2-Dichlorobenzene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 1,3-Dichlorobenzene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 1,4-Dichlorobenzene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 2,4,5-Trichlorophenol	UG/KG	860.0000 U	.	950.0000 U	.	930.0000 U	910.0000 U
S 2,4,6-Trichlorophenol	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 2,4-Dichlorophenol	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 2,4-Dimethylphenol	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 2,4-Dinitrophenol	UG/KG	860.0000 U	.	950.0000 U	.	930.0000 U	910.0000 U
S 2,4-Dinitrotoluene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 2,6-Dinitrotoluene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0301	09S0301DL	09S0303	09S0303DL	09S0401	09S0401D
	LAB ID:	39189-13	39189-13DL	39189-14	39189-14DL	39189-4	39189-5
	LAB RCVD:	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 2-Chlorophenol	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 2-Methylnaphthalene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 2-Methylphenol	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 2-Nitroaniline	UG/KG	860.0000 U	.	950.0000 U	.	930.0000 U	910.0000 U
S 2-Nitrophenol	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 3,3'-Dichlorobenzidine	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 3-Nitroaniline	UG/KG	860.0000 U	.	950.0000 U	.	930.0000 U	910.0000 U
S 4,6-Dinitro-2-methylphenol	UG/KG	860.0000 U	.	950.0000 U	.	930.0000 U	910.0000 U
S 4-Bromophenyl-phenylether	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 4-Chloro-3-methylphenol	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 4-Chloroaniline	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 4-Chlorophenyl-phenylether	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 4-Methylphenol	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S 4-Nitroaniline	UG/KG	860.0000 U	.	950.0000 U	.	930.0000 U	910.0000 U
S 4-Nitrophenol	UG/KG	860.0000 U	.	950.0000 U	.	930.0000 U	910.0000 U
S Acenaphthene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Acenaphthylene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Anthracene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Benzo(a)anthracene	UG/KG	73.0000 J	.	140.0000 J	.	380.0000 U	370.0000 U
S Benzo(a)pyrene	UG/KG	86.0000 J	.	150.0000 J	.	380.0000 U	370.0000 U
S Benzo(b)fluoranthene	UG/KG	140.0000 J	.	210.0000 J	.	380.0000 U	370.0000 U
S Benzo(g,h,i)perylene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Benzo(k)fluoranthene	UG/KG	140.0000 J	.	170.0000 J	.	380.0000 U	370.0000 U
S Butylbenzylphthalate	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Carbazole	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Chrysene	UG/KG	100.0000 J	.	150.0000 J	.	380.0000 U	370.0000 U
S Di-n-butylphthalate	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Di-n-octylphthalate	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Dibenz(a,h)anthracene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Dibenzofuran	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Diethylphthalate	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0301	09S0301DL	09S0303	09S0303DL	09S0401	09S0401D
	LAB ID:	39189-13	39189-13DL	39189-14	39189-14DL	39189-4	39189-5
	LAB RCVD:	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94
PARAMETER	UNITS						
S Dimethylphthalate	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Fluoranthene	UG/KG	150.0000 J	.	280.0000 J	.	380.0000 U	370.0000 U
S Fluorene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Hexachlorobenzene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Hexachlorobutadiene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Hexachlorocyclopentadiene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Hexachloroethane	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Indeno(1,2,3-cd)pyrene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Isophorone	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S N-Nitroso-di-n-propylamine	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S N-Nitrosodiphenylamine	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Naphthalene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Nitrobenzene	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Pentachlorophenol	UG/KG	860.0000 U	.	950.0000 U	.	930.0000 U	910.0000 U
S Phenanthrene	UG/KG	350.0000 U	.	99.0000 J	.	380.0000 U	370.0000 U
S Phenol	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S Pyrene	UG/KG	150.0000 J	.	250.0000 J	.	380.0000 U	370.0000 U
S bis(2-Chloroethoxy)methane	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S bis(2-Ethlyhexy)phthalate	UG/KG	130.0000 J	.	390.0000 U	.	380.0000 U	370.0000 U
S bis(2-chloroethyl)ether	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
S bis(2-chloroisopropyl)ether	UG/KG	350.0000 U	.	390.0000 U	.	380.0000 U	370.0000 U
V 1,1,1-Trichloroethane	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V 1,1,2,2-Tetrachloroethane	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V 1,1,2-Trichloroethane	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V 1,1-Dichloroethane	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V 1,1-Dichloroethene	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V 1,2-Dichloroethane	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V 1,2-Dichloroethene (total)	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V 1,2-Dichloropropane	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V 2-Butanone	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V 2-Hexanone	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V 4-Methyl-2-Pentanone	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0301	09S0301DL	09S0303	09S0303DL	09S0401	09S0401D
	LAB ID:	39189-41	39189-41DL	39189-42	39189-14DL	39189-32	39189-33
	LAB RCVD:	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94
PARAMETER	UNITS						
V Acetone	UG/KG	720.0000 U	1300.0000 U	160.0000 U	.	90.0000 U	27.0000 U
V Benzene	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V Bromodichloromethane	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V Bromoform	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V Bromomethane	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V Carbon Disulfide	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V Carbon Tetrachloride	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V Chlorobenzene	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V Chloroethane	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V Chloroform	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V Chloromethane	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V Dibromochloromethane	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V Ethylbenzene	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V Methylene Chloride	UG/KG	19.0000 U	29.0000 U	6.0000 U	.	6.0000 U	7.0000 U
V Styrene	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V Tetrachloroethene	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V Toluene	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V Trichloroethene	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V Vinyl Chloride	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V Xylene (total)	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V cis-1,3-Dichloropropene	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U
V trans-1,3-Dichloropropene	UG/KG	30.0000 U	54.0000 U	12.0000 U	.	11.0000 U	12.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0403	09S0501	09S0501DL	09S0601	09S0601D	09S0603
	LAB ID:	39189-020	39189-015	39189-1DL	39189-016	39189-017	39189-022
	LAB RCVD:	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94
PARAMETER	UNITS						
		.	.	.	.	.	.
I Aluminum	MG/KG	218.0000 J	2730.0000 J	.	756.0000 J	795.0000 J	2060.0000 J
I Antimony	MG/KG	3.5000 UJ	3.4000 UJ	.	3.0000 UJ	3.0000 UJ	3.2000 UJ
I Arsenic	MG/KG	0.6600 U	1.2000	.	0.5600 U	0.5500 U	1.1000
I Barium	MG/KG	3.7000 U	9.1000 U	.	2.6000 U	2.2000 U	5.1000 U
I Beryllium	MG/KG	0.0900 U	0.0900 U	.	0.0800 U	0.0800 U	0.0800 U
I Cadmium	MG/KG	0.4800 U	0.4600 U	.	0.4600	0.4000 U	0.4300 U
I Calcium	MG/KG	412.0000	572.0000	.	291.0000	823.0000	176.0000
I Chromium	MG/KG	1.8000 J	7.1000 J	.	3.5000 J	2.7000 J	3.8000 J
I Cobalt	MG/KG	0.7300 U	0.7000 U	.	0.6100 U	0.6100 U	0.6600 U
I Copper	MG/KG	1.3000 U	2.9000 U	.	0.9500 U	0.5000 U	0.5400 U
I Cyanide	MG/KG	0.1000 U	0.1000 U	.	0.0900 U	0.0900 U	0.0900 U
I Iron	MG/KG	352.0000 J	2120.0000 J	.	710.0000 J	952.0000 J	1760.0000 J
I Lead	MG/KG	16.9000	39.2000	.	10.6000	8.4000	11.0000
I Magnesium	MG/KG	32.3000 U	87.8000 U	.	28.3000 U	72.4000 U	19.8000 U
I Manganese	MG/KG	3.7000 J	93.4000 J	.	22.2000 J	19.5000 J	115.0000 J
I Mercury	MG/KG	0.0400 U	0.1600	.	0.0200 U	0.0300 U	0.0200 U
I Nickel	MG/KG	2.4000 U	2.3000 U	.	2.0000 U	2.0000 U	2.1000 U
I Potassium	MG/KG	147.0000 U	142.0000 U	.	124.0000 U	124.0000 U	134.0000 U
I Selenium	MG/KG	0.3900 UJ	0.3700 UJ	.	0.3300 U	0.3900 J	0.4300 J
I Silver	MG/KG	0.8200 UJ	0.7900 UJ	.	0.6900 U	0.6900 UJ	0.7400 UJ
I Sodium	MG/KG	5.1000 U	8.0000	.	9.2000	4.9000	6.5000
I Thallium	MG/KG	0.6400 U	0.6100 U	.	0.5400 U	0.5300 U	0.5800 U
I Vanadium	MG/KG	0.7500 U	5.5000	.	1.8000	1.1000	4.8000
I Zinc	MG/KG	21.4000 U	15.9000 U	.	9.8000 U	9.3000 U	3.6000 U
P 4,4'-DDD	UG/KG	4.1000 U	3.7000 U	37.0000 U	3.4000 U	3.4000 U	3.4000 U
P 4,4'-DDE	UG/KG	4.1000 U	5.6000	37.0000 U	3.4000 U	3.4000 U	3.4000 U
P 4,4'-DDT	UG/KG	4.1000 U	19.0000	19.0000 J	3.4000 U	3.4000 U	1.8000 J
P Aldrin	UG/KG	2.1000 U	1.9000 U	19.0000 U	1.8000 U	1.8000 U	1.8000 U
P Aroclor 1016	UG/KG	41.0000 U	37.0000 U	370.0000 U	34.0000 U	34.0000 U	34.0000 U
P Aroclor 1221	UG/KG	82.0000 U	75.0000 U	750.0000 U	69.0000 U	70.0000 U	70.0000 U
P Aroclor 1232	UG/KG	41.0000 U	37.0000 U	370.0000 U	34.0000 U	34.0000 U	34.0000 U

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0403	09S0501	09S0501DL	09S0601	09S0601D	09S0603
	LAB ID:	39189-6	39189-1	39189-1DL	39189-2	39189-3	39189-8
	LAB RCVD:	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94
PARAMETER	UNITS						
P Aroclor 1242	UG/KG	41.0000 U	37.0000 U	370.0000 U	34.0000 U	34.0000 U	34.0000 U
P Aroclor 1248	UG/KG	41.0000 U	37.0000 U	370.0000 U	34.0000 U	34.0000 U	34.0000 U
P Aroclor 1254	UG/KG	41.0000 U	37.0000 U	370.0000 U	34.0000 U	34.0000 U	34.0000 U
P Aroclor 1260	UG/KG	41.0000 U	37.0000 U	370.0000 U	34.0000 U	34.0000 U	34.0000 U
P Dieldrin	UG/KG	4.1000 U	71.0000 J	62.0000	3.4000 U	3.4000 U	3.4000 U
P Endosulfan I	UG/KG	2.1000 U	1.9000 U	19.0000 U	1.8000 U	1.8000 U	1.8000 U
P Endosulfan II	UG/KG	4.1000 U	3.7000 U	37.0000 U	3.4000 U	3.4000 U	3.4000 U
P Endosulfan sulfate	UG/KG	4.1000 U	3.7000 U	37.0000 U	3.4000 U	3.4000 U	3.4000 U
P Endrin	UG/KG	4.1000 U	3.7000 U	37.0000 U	3.4000 U	3.4000 U	3.4000 U
P Endrin aldehyde	UG/KG	4.1000 U	3.7000 U	37.0000 U	3.4000 U	3.4000 U	3.4000 U
P Endrin ketone	UG/KG	4.1000 U	3.7000 U	37.0000 U	3.4000 U	3.4000 U	3.4000 U
P Heptachlor	UG/KG	2.1000 U	1.9000 U	19.0000 U	1.8000 U	1.8000 U	1.8000 U
P Heptachlor epoxide	UG/KG	2.1000 U	1.9000 U	19.0000 U	1.8000 U	1.8000 U	1.8000 U
P Methoxychlor	UG/KG	21.0000 U	19.0000 U	190.0000 U	18.0000 U	18.0000 U	18.0000 U
P Toxaphene	UG/KG	210.0000 U	190.0000 U	1900.0000 U	180.0000 U	180.0000 U	180.0000 U
P alpha-BHC	UG/KG	2.1000 U	1.9000 U	19.0000 U	1.8000 U	1.8000 U	1.8000 U
P alpha-Chlordane	UG/KG	2.1000 U	1.9000 U	19.0000 U	1.8000 U	1.8000 U	1.8000 U
P beta-BHC	UG/KG	2.1000 U	1.9000 U	19.0000 U	1.8000 U	1.8000 U	1.8000 U
P delta-BHC	UG/KG	2.1000 U	1.9000 U	19.0000 U	1.8000 U	1.8000 U	1.8000 U
P gamma-BHC (Lindane)	UG/KG	2.1000 U	1.9000 U	19.0000 U	1.8000 U	1.8000 U	1.8000 U
P gamma-Chlordane	UG/KG	2.1000 U	1.9000 U	19.0000 U	1.8000 U	1.8000 U	1.8000 U
S 1,2,4-Trichlorobenzene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 1,2-Dichlorobenzene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 1,3-Dichlorobenzene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 1,4-Dichlorobenzene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 2,4,5-Trichlorophenol	UG/KG	980.0000 U	890.0000 U	.	830.0000 U	830.0000 U	840.0000 U
S 2,4,6-Trichlorophenol	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 2,4-Dichlorophenol	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 2,4-Dimethylphenol	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 2,4-Dinitrophenol	UG/KG	980.0000 U	890.0000 U	.	830.0000 U	830.0000 U	840.0000 U
S 2,4-Dinitrotoluene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 2,6-Dinitrotoluene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0403	09S0501	09S0501DL	09S0601	09S0601D	09S0603
	LAB ID:	39189-6	39189-1	39189-1DL	39189-2	39189-3	39189-8
	LAB RCVD:	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 2-Chlorophenol	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 2-Methylnaphthalene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 2-Methylphenol	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 2-Nitroaniline	UG/KG	980.0000 U	890.0000 U	.	830.0000 U	830.0000 U	840.0000 U
S 2-Nitrophenol	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 3,3'-Dichlorobenzidine	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 3-Nitroaniline	UG/KG	980.0000 U	890.0000 U	.	830.0000 U	830.0000 U	840.0000 U
S 4,6-Dinitro-2-methylphenol	UG/KG	980.0000 U	890.0000 U	.	830.0000 U	830.0000 U	840.0000 U
S 4-Bromophenyl-phenylether	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 4-Chloro-3-methylphenol	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 4-Chloroaniline	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 4-Chlorophenyl-phenylether	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 4-Methylphenol	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S 4-Nitroaniline	UG/KG	980.0000 U	890.0000 U	.	830.0000 U	830.0000 U	840.0000 U
S 4-Nitrophenol	UG/KG	980.0000 U	890.0000 U	.	830.0000 U	830.0000 U	840.0000 U
S Acenaphthene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Acenaphthylene	UG/KG	400.0000 U	370.0000 U	.	90.0000 J	100.0000 J	350.0000 U
S Anthracene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Benzo(a)anthracene	UG/KG	400.0000 U	370.0000 U	.	81.0000 J	100.0000 J	350.0000 U
S Benzo(a)pyrene	UG/KG	400.0000 U	370.0000 U	.	120.0000 J	140.0000 J	350.0000 U
S Benzo(b)fluoranthene	UG/KG	400.0000 U	370.0000 U	.	130.0000 J	150.0000 J	350.0000 U
S Benzo(g,h,i)perylene	UG/KG	400.0000 U	370.0000 U	.	95.0000 J	120.0000 J	350.0000 U
S Benzo(k)fluoranthene	UG/KG	400.0000 U	370.0000 U	.	140.0000 J	170.0000 J	350.0000 U
S Butylbenzylphthalate	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Carbazole	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Chrysene	UG/KG	400.0000 U	370.0000 U	.	99.0000 J	120.0000 J	350.0000 U
S Di-n-butylphthalate	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Di-n-octylphthalate	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Dibenz(a,h)anthracene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Dibenzofuran	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Diethylphthalate	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0403	09S0501	09S0501DL	09S0601	09S0601D	09S0603
	LAB ID:	39189-6	39189-1	39189-1DL	39189-2	39189-3	39189-8
	LAB RCVD:	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94
PARAMETER	UNITS						
S Dimethylphthalate	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Fluoranthene	UG/KG	400.0000 U	370.0000 U	.	96.0000 J	140.0000 J	350.0000 U
S Fluorene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Hexachlorobenzene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Hexachlorobutadiene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Hexachlorocyclopentadiene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Hexachloroethane	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Indeno(1,2,3-cd)pyrene	UG/KG	400.0000 U	370.0000 U	.	85.0000 J	100.0000 J	350.0000 U
S Isophorone	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S N-Nitroso-di-n-propylamine	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S N-Nitrosodiphenylamine	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Naphthalene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Nitrobenzene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Pentachlorophenol	UG/KG	980.0000 U	890.0000 U	.	830.0000 U	830.0000 U	840.0000 U
S Phenanthrene	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Phenol	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S Pyrene	UG/KG	400.0000 U	370.0000 U	.	100.0000 J	140.0000 J	350.0000 U
S bis(2-Chloroethoxy)methane	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S bis(2-Ethlyhexy)phthalate	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S bis(2-chloroethyl)ether	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
S bis(2-chloroisopropyl)ether	UG/KG	400.0000 U	370.0000 U	.	340.0000 U	340.0000 U	350.0000 U
V 1,1,1-Trichloroethane	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V 1,1,2,2-Tetrachloroethane	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V 1,1,2-Trichloroethane	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V 1,1-Dichloroethane	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V 1,1-Dichloroethene	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V 1,2-Dichloroethane	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V 1,2-Dichloroethene (total)	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V 1,2-Dichloropropane	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V 2-Butanone	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V 2-Hexanone	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V 4-Methyl-2-Pentanone	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0403	09S0501	09S0501DL	09S0601	09S0601D	09S0603
	LAB ID:	39189-34	39189-29	39189-1DL	39189-30	39189-31	39189-36
	LAB RCVD:	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94
PARAMETER	UNITS						
V Acetone	UG/KG	23.0000 U	210.0000 U	.	79.0000 U	930.0000 U	110.0000 U
V Benzene	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V Bromodichloromethane	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V Bromoform	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V Bromomethane	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V Carbon Disulfide	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V Carbon Tetrachloride	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V Chlorobenzene	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V Chloroethane	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V Chloroform	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V Chloromethane	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V Dibromochloromethane	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V Ethylbenzene	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V Methylene Chloride	UG/KG	13.0000 U	6.0000 U	.	10.0000 U	22.0000 U	5.0000 U
V Styrene	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V Tetrachloroethene	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V Toluene	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V Trichloroethene	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V Vinyl Chloride	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V Xylene (total)	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V cis-1,3-Dichloropropene	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U
V trans-1,3-Dichloropropene	UG/KG	13.0000 U	11.0000 U	.	10.0000 U	52.0000 U	11.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0603RE	09S0701	09S0701DL	09S0801	09S0803	09S0901
	LAB ID:	39189-8RE	39189-021	39189-7DL	39189-025	39189-026	39189-023
	LAB RCVD:	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94
PARAMETER	UNITS						
I Aluminum	MG/KG	.	4010.0000 J	.	1780.0000 J	459.0000 J	4480.0000 J
I Antimony	MG/KG	.	3.4000 UJ	.	2.5000 UJ	2.8000 UJ	2.6000 UJ
I Arsenic	MG/KG	.	1.5000	.	0.7800	0.5200 U	1.3000
I Barium	MG/KG	.	10.2000 U	.	7.4000 U	2.1000 U	15.3000 U
I Beryllium	MG/KG	.	0.0900 U	.	0.0700 U	0.0700 U	0.0700
I Cadmium	MG/KG	.	0.4600 U	.	0.5400	0.3700 U	0.3600 U
I Calcium	MG/KG	.	237.0000	.	1400.0000	179.0000	202.0000
I Chromium	MG/KG	.	4.5000 J	.	4.5000 J	2.9000 J	4.7000 J
I Cobalt	MG/KG	.	0.8700	.	0.5200 U	0.5700 U	0.7900
I Copper	MG/KG	.	0.5700 U	.	123.0000	0.4600 U	1.7000 U
I Cyanide	MG/KG	.	0.1900	.	0.1000	0.0800 U	0.1400
I Iron	MG/KG	.	2810.0000 J	.	1390.0000 J	372.0000 J	2560.0000 J
I Lead	MG/KG	.	9.6000	.	63.7000	13.4000	19.1000
I Magnesium	MG/KG	.	55.2000 U	.	88.1000 U	23.2000 U	42.8000 U
I Manganese	MG/KG	.	323.0000 J	.	79.9000 J	23.1000 J	400.0000 J
I Mercury	MG/KG	.	0.0500	.	0.0200	0.0200 U	0.0300 U
I Nickel	MG/KG	.	2.3000 U	.	1.7000 U	1.9000 U	1.8000 U
I Potassium	MG/KG	.	143.0000 U	.	106.0000 U	115.0000 U	110.0000 U
I Selenium	MG/KG	.	0.4900 J	.	0.2800 UJ	0.3200 UJ	0.3500 J
I Silver	MG/KG	.	0.7900 UJ	.	0.5900 UJ	0.6400 UJ	0.6100 UJ
I Sodium	MG/KG	.	14.8000	.	7.9000	7.9000	8.7000
I Thallium	MG/KG	.	0.6200 U	.	0.4600 U	0.5000 U	0.4800 U
I Vanadium	MG/KG	.	7.6000	.	3.5000	0.7800	7.5000
I Zinc	MG/KG	.	3.8000 U	.	26.4000 U	5.9000 U	6.9000 U
P 4,4'-DDD	UG/KG	.	3.8000 U	38.0000 U	3.6000 U	3.7000 U	3.5000 U
P 4,4'-DDE	UG/KG	.	2.4000 J	38.0000 U	3.6000 U	3.7000 U	5.7000
P 4,4'-DDT	UG/KG	.	3.8000 U	38.0000 U	5.5000	3.7000 U	9.8000
P Aldrin	UG/KG	.	1.9000 U	19.0000 U	1.8000 U	1.9000 U	1.8000 U
P Aroclor 1016	UG/KG	.	38.0000 U	380.0000 U	36.0000 U	37.0000 U	35.0000 U
P Aroclor 1221	UG/KG	.	76.0000 U	760.0000 U	72.0000 U	75.0000 U	72.0000 U
P Aroclor 1232	UG/KG	.	38.0000 U	380.0000 U	36.0000 U	37.0000 U	35.0000 U

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0603RE	09S0701	09S0701DL	09S0801	09S0803	09S0901
	LAB ID:	39189-8RE	39189-7	39189-7DL	39189-11	39189-12	39189-9
	LAB RCVD:	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94
PARAMETER	UNITS						
P Aroclor 1242	UG/KG	.	38.0000 U	380.0000 U	36.0000 U	37.0000 U	35.0000 U
P Aroclor 1248	UG/KG	.	38.0000 U	380.0000 U	36.0000 U	37.0000 U	35.0000 U
P Aroclor 1254	UG/KG	.	38.0000 U	380.0000 U	36.0000 U	37.0000 U	35.0000 U
P Aroclor 1260	UG/KG	.	38.0000 U	380.0000 U	36.0000 U	37.0000 U	35.0000 U
P Dieldrin	UG/KG	.	65.0000 J	59.0000	12.0000	5.3000	9.3000
P Endosulfan I	UG/KG	.	1.9000 U	19.0000 U	1.8000 U	1.9000 U	1.8000 U
P Endosulfan II	UG/KG	.	3.8000 U	38.0000 U	3.6000 U	3.7000 U	3.5000 U
P Endosulfan sulfate	UG/KG	.	3.8000 U	38.0000 U	3.6000 U	3.7000 U	3.5000 U
P Endrin	UG/KG	.	3.8000 U	38.0000 U	3.6000 U	3.7000 U	3.5000 U
P Endrin aldehyde	UG/KG	.	3.8000 U	38.0000 U	3.6000 U	3.7000 U	3.5000 U
P Endrin ketone	UG/KG	.	3.8000 U	38.0000 U	3.6000 U	3.7000 U	3.5000 U
P Heptachlor	UG/KG	.	1.9000 U	19.0000 U	1.8000 U	1.9000 U	1.8000 U
P Heptachlor epoxide	UG/KG	.	1.9000 U	19.0000 U	1.8000 U	1.9000 U	1.8000 U
P Methoxychlor	UG/KG	.	19.0000 U	190.0000 U	18.0000 U	19.0000 U	18.0000 U
P Toxaphene	UG/KG	.	190.0000 U	1900.0000 U	180.0000 U	190.0000 U	180.0000 U
P alpha-BHC	UG/KG	.	1.9000 U	19.0000 U	1.8000 U	1.9000 U	1.8000 U
P alpha-Chlordane	UG/KG	.	1.9000 U	19.0000 U	1.8000 U	1.9000 U	1.8000 U
P beta-BHC	UG/KG	.	1.9000 U	19.0000 U	1.8000 U	1.9000 U	1.8000 U
P delta-BHC	UG/KG	.	1.9000 U	19.0000 U	1.8000 U	1.9000 U	1.8000 U
P gamma-BHC (Lindane)	UG/KG	.	1.9000 U	19.0000 U	1.8000 U	1.9000 U	1.8000 U
P gamma-Chlordane	UG/KG	.	1.9000 U	19.0000 U	1.8000 U	1.9000 U	1.8000 U
S 1,2,4-Trichlorobenzene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 1,2-Dichlorobenzene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 1,3-Dichlorobenzene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 1,4-Dichlorobenzene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 2,4,5-Trichlorophenol	UG/KG	840.0000 U	920.0000 U	.	870.0000 U	910.0000 U	860.0000 U
S 2,4,6-Trichlorophenol	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 2,4-Dichlorophenol	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 2,4-Dimethylphenol	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 2,4-Dinitrophenol	UG/KG	840.0000 U	920.0000 U	.	870.0000 U	910.0000 U	860.0000 U
S 2,4-Dinitrotoluene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 2,6-Dinitrotoluene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0603RE	09S0701	09S0701DL	09S0801	09S0803	09S0901
	LAB ID:	39189-8RE	39189-7	39189-7DL	39189-11	39189-12	39189-9
	LAB RCVD:	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 2-Chlorophenol	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 2-Methylnaphthalene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 2-Methylphenol	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 2-Nitroaniline	UG/KG	840.0000 U	920.0000 U	.	870.0000 U	910.0000 U	860.0000 U
S 2-Nitrophenol	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 3,3'-Dichlorobenzidine	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 3-Nitroaniline	UG/KG	840.0000 U	920.0000 U	.	870.0000 U	910.0000 U	860.0000 U
S 4,6-Dinitro-2-methylphenol	UG/KG	840.0000 U	920.0000 U	.	870.0000 U	910.0000 U	860.0000 U
S 4-Bromophenyl-phenylether	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 4-Chloro-3-methylphenol	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 4-Chloroaniline	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 4-Chlorophenyl-phenylether	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 4-Methylphenol	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S 4-Nitroaniline	UG/KG	840.0000 U	920.0000 U	.	870.0000 U	910.0000 U	860.0000 U
S 4-Nitrophenol	UG/KG	840.0000 U	920.0000 U	.	870.0000 U	910.0000 U	860.0000 U
S Acenaphthene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Acenaphthylene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Anthracene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Benzo(a)anthracene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Benzo(a)pyrene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Benzo(b)fluoranthene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Benzo(g,h,i)perylene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Benzo(k)fluoranthene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Butylbenzylphthalate	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Carbazole	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Chrysene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Di-n-butylphthalate	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Di-n-octylphthalate	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Dibenz(a,h)anthracene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Dibenzofuran	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Diethylphthalate	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0603RE	09S0701	09S0701DL	09S0801	09S0803	09S0901
	LAB ID:	39189-8RE	39189-7	39189-7DL	39189-11	39189-12	39189-9
	LAB RCVD:	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94
PARAMETER	UNITS						
S Dimethylphthalate	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Fluoranthene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Fluorene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Hexachlorobenzene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Hexachlorobutadiene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Hexachlorocyclopentadiene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Hexachloroethane	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Indeno(1,2,3-cd)pyrene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Isophorone	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S N-Nitroso-di-n-propylamine	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S N-Nitrosodiphenylamine	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Naphthalene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Nitrobenzene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Pentachlorophenol	UG/KG	840.0000 U	920.0000 U	.	870.0000 U	910.0000 U	860.0000 U
S Phenanthrene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Phenol	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S Pyrene	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S bis(2-Chloroethoxy)methane	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S bis(2-Ethlyhexy)phthalate	UG/KG	350.0000 U	380.0000 U	.	80.0000 U	370.0000 U	350.0000 U
S bis(2-chloroethyl)ether	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
S bis(2-chloroisopropyl)ether	UG/KG	350.0000 U	380.0000 U	.	360.0000 U	370.0000 U	350.0000 U
V 1,1,1-Trichloroethane	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V 1,1,2,2-Tetrachloroethane	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V 1,1,2-Trichloroethane	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V 1,1-Dichloroethane	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V 1,1-Dichloroethene	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V 1,2-Dichloroethane	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V 1,2-Dichloroethene (total)	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V 1,2-Dichloropropane	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V 2-Butanone	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V 2-Hexanone	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V 4-Methyl-2-Pentanone	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0603RE	09S0701	09S0701DL	09S0801	09S0803	09S0901
	LAB ID:	39189-8RE	39189-35	39189-7DL	39189-39	39189-40	39189-37
	LAB RCVD:	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94	02/02/94
PARAMETER	UNITS						
V Acetone	UG/KG	.	940.0000 U	.	790.0000 U	1000.0000 U	190.0000 U
V Benzene	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V Bromodichloromethane	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V Bromoform	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V Bromomethane	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V Carbon Disulfide	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V Carbon Tetrachloride	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V Chlorobenzene	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V Chloroethane	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V Chloroform	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V Chloromethane	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V Dibromochloromethane	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V Ethylbenzene	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V Methylene Chloride	UG/KG	.	29.0000 U	.	23.0000 U	24.0000 U	7.0000 U
V Styrene	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V Tetrachloroethene	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V Toluene	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V Trichloroethene	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V Vinyl Chloride	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V Xylene (total)	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V cis-1,3-Dichloropropene	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U
V trans-1,3-Dichloropropene	UG/KG	.	57.0000 U	.	49.0000 U	52.0000 U	11.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0901KMSD	09S0901XMS	09S0903			
	LAB ID:	39189-37MSD	39189-37MS	39189-024			
	LAB RCVD:	02/02/94	02/02/94	02/02/94			
PARAMETER	UNITS						
		.	.	.	.	.	.
I Aluminum	MG/KG	.	.	100.0000 J	.	.	.
I Antimony	MG/KG	.	.	2.6000 UJ	.	.	.
I Arsenic	MG/KG	.	.	0.4900 U	.	.	.
I Barium	MG/KG	.	.	10.7000 U	.	.	.
I Beryllium	MG/KG	.	.	0.0700 U	.	.	.
I Cadmium	MG/KG	.	.	0.5300	.	.	.
I Calcium	MG/KG	.	.	434.0000	.	.	.
I Chromium	MG/KG	.	.	0.5500 J	.	.	.
I Cobalt	MG/KG	.	.	0.5400 U	.	.	.
I Copper	MG/KG	.	.	7.0000 U	.	.	.
I Cyanide	MG/KG	.	.	0.1000 U	.	.	.
I Iron	MG/KG	.	.	180.0000 J	.	.	.
I Lead	MG/KG	.	.	58.2000	.	.	.
I Magnesium	MG/KG	.	.	8.2000 U	.	.	.
I Manganese	MG/KG	.	.	6.7000 J	.	.	.
I Mercury	MG/KG	.	.	0.0300 U	.	.	.
I Nickel	MG/KG	.	.	1.8000 U	.	.	.
I Potassium	MG/KG	.	.	110.0000 U	.	.	.
I Selenium	MG/KG	.	.	0.2900 UJ	.	.	.
I Silver	MG/KG	.	.	0.6100 UJ	.	.	.
I Sodium	MG/KG	.	.	4.3000	.	.	.
I Thallium	MG/KG	.	.	0.4700 U	.	.	.
I Vanadium	MG/KG	.	.	0.5600 U	.	.	.
I Zinc	MG/KG	.	.	98.2000	.	.	.
P 4,4'-DDD	UG/KG	3.5000 U	3.5000 U	3.6000 U	.	.	.
P 4,4'-DDE	UG/KG	6.8000	4.6000	3.6000 U	.	.	.
P 4,4'-DDT	UG/KG	32.0000	28.0000	3.6000 U	.	.	.
P Aldrin	UG/KG	10.0000	10.0000	1.8000 U	.	.	.
P Aroclor 1016	UG/KG	35.0000 U	35.0000 U	36.0000 U	.	.	.
P Aroclor 1221	UG/KG	72.0000 U	72.0000 U	73.0000 U	.	.	.
P Aroclor 1232	UG/KG	35.0000 U	35.0000 U	36.0000 U	.	.	.

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0901KMSD	09S0901XMS	09S0903			
	LAB ID:	39189-9MSD	39189-9MS	39189-10			
	LAB RCVD:	02/02/94	02/02/94	02/02/94	.	.	.
PARAMETER	UNITS						
P Aroclor 1242	UG/KG	35.0000 U	35.0000 U	36.0000 U	.	.	.
P Aroclor 1248	UG/KG	35.0000 U	35.0000 U	36.0000 U	.	.	.
P Aroclor 1254	UG/KG	35.0000 U	35.0000 U	36.0000 U	.	.	.
P Aroclor 1260	UG/KG	35.0000 U	35.0000 U	36.0000 U	.	.	.
P Dieldrin	UG/KG	35.0000	31.0000	3.6000 U	.	.	.
P Endosulfan I	UG/KG	1.8000 U	1.8000 U	1.8000 U	.	.	.
P Endosulfan II	UG/KG	3.5000 U	3.5000 U	3.6000 U	.	.	.
P Endosulfan sulfate	UG/KG	3.5000 U	3.5000 U	3.6000 U	.	.	.
P Endrin	UG/KG	22.0000	22.0000	3.6000 U	.	.	.
P Endrin aldehyde	UG/KG	3.5000 U	3.5000 U	3.6000 U	.	.	.
P Endrin ketone	UG/KG	3.5000 U	3.5000 U	3.6000 U	.	.	.
P Heptachlor	UG/KG	11.0000	11.0000	1.8000 U	.	.	.
P Heptachlor epoxide	UG/KG	1.8000 U	1.8000 U	1.8000 U	.	.	.
P Methoxychlor	UG/KG	18.0000 U	18.0000 U	18.0000 U	.	.	.
P Toxaphene	UG/KG	180.0000 U	180.0000 U	180.0000 U	.	.	.
P alpha-BHC	UG/KG	1.8000 U	1.8000 U	1.8000 U	.	.	.
P alpha-Chlordane	UG/KG	1.8000 U	1.8000 U	1.8000 U	.	.	.
P beta-BHC	UG/KG	1.8000 U	1.8000 U	1.8000 U	.	.	.
P delta-BHC	UG/KG	.	1.8000 U	1.8000 U	.	.	.
P gamma-BHC (Lindane)	UG/KG	11.0000	11.0000	1.8000 U	.	.	.
P gamma-Chlordane	UG/KG	1.8000 U	1.8000 U	1.8000 U	.	.	.
S 1,2,4-Trichlorobenzene	UG/KG	1000.0000	940.0000	360.0000 U	.	.	.
S 1,2-Dichlorobenzene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S 1,3-Dichlorobenzene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S 1,4-Dichlorobenzene	UG/KG	900.0000	790.0000	360.0000 U	.	.	.
S 2,4,5-Trichlorophenol	UG/KG	860.0000 U	860.0000 U	860.0000 U	.	.	.
S 2,4,6-Trichlorophenol	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S 2,4-Dichlorophenol	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S 2,4-Dimethylphenol	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S 2,4-Dinitrophenol	UG/KG	860.0000 U	860.0000 U	860.0000 U	.	.	.
S 2,4-Dinitrotoluene	UG/KG	1000.0000	960.0000	360.0000 U	.	.	.
S 2,6-Dinitrotoluene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0901KMSD	09S0901XMS	09S0903			
	LAB ID:	39189-9MSD	39189-9MS	39189-10			
	LAB RCVD:	02/02/94	02/02/94	02/02/94	.	.	.
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S 2-Chlorophenol	UG/KG	1500.0000	1400.0000	360.0000 U	.	.	.
S 2-Methylnaphthalene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S 2-Methylphenol	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S 2-Nitroaniline	UG/KG	860.0000 U	860.0000 U	860.0000 U	.	.	.
S 2-Nitrophenol	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S 3,3'-Dichlorobenzidine	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S 3-Nitroaniline	UG/KG	860.0000 U	860.0000 U	860.0000 U	.	.	.
S 4,6-Dinitro-2-methylphenol	UG/KG	860.0000 U	860.0000 U	860.0000 U	.	.	.
S 4-Bromophenyl-phenylether	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S 4-Chloro-3-methylphenol	UG/KG	1800.0000	1600.0000	360.0000 U	.	.	.
S 4-Chloroaniline	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S 4-Chlorophenyl-phenylether	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S 4-Methylphenol	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S 4-Nitroaniline	UG/KG	860.0000 U	860.0000 U	860.0000 U	.	.	.
S 4-Nitrophenol	UG/KG	1700.0000	1600.0000	860.0000 U	.	.	.
S Acenaphthene	UG/KG	1100.0000	1000.0000	360.0000 U	.	.	.
S Acenaphthylene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Anthracene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Benzo(a)anthracene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Benzo(a)pyrene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Benzo(b)fluoranthene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Benzo(g,h,i)perylene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Benzo(k)fluoranthene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Butylbenzylphthalate	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Carbazole	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Chrysene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Di-n-butylphthalate	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Di-n-octylphthalate	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Dibenz(a,h)anthracene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Dibenzofuran	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Diethylphthalate	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0901KMSD	09S0901XMS	09S0903			
	LAB ID:	39189-9MSD	39189-9MS	39189-10			
	LAB RCVD:	02/02/94	02/02/94	02/02/94	.	.	.
PARAMETER	UNITS						
S Dimethylphthalate	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Fluoranthene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Fluorene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Hexachlorobenzene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Hexachlorobutadiene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Hexachlorocyclopentadiene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Hexachloroethane	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Indeno(1,2,3-cd)pyrene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Isophorone	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S N-Nitroso-di-n-propylamine	UG/KG	1100.0000	990.0000	360.0000 U	.	.	.
S N-Nitrosodiphenylamine	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Naphthalene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Nitrobenzene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Pentachlorophenol	UG/KG	1900.0000	1700.0000	860.0000 U	.	.	.
S Phenanthrene	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S Phenol	UG/KG	1600.0000	1500.0000	360.0000 U	.	.	.
S Pyrene	UG/KG	1200.0000	1100.0000	360.0000 U	.	.	.
S bis(2-Chloroethoxy)methane	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S bis(2-Ethlyhexy)phthalate	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S bis(2-chloroethyl)ether	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
S bis(2-chloroisopropyl)ether	UG/KG	350.0000 U	350.0000 U	360.0000 U	.	.	.
V 1,1,1-Trichloroethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V 1,1,2,2-Tetrachloroethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V 1,1,2-Trichloroethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V 1,1-Dichloroethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V 1,1-Dichloroethene	UG/KG	56.0000	58.0000	11.0000 U	.	.	.
V 1,2-Dichloroethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V 1,2-Dichloroethene (total)	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V 1,2-Dichloropropane	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V 2-Butanone	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V 2-Hexanone	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V 4-Methyl-2-Pentanone	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.

PENSACOLA SITE 9
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09S0901KMSD	09S0901XMS	09S0903			
	LAB ID:	39189-37MSD	39189-37MS	39189-38			
	LAB RCVD:	02/02/94	02/02/94	02/02/94	.	.	.
PARAMETER	UNITS						
V Acetone	UG/KG	560.0000 U	880.0000 U	88.0000 U	.	.	.
V Benzene	UG/KG	57.0000	58.0000	11.0000 U	.	.	.
V Bromodichloromethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V Bromoform	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V Bromomethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V Carbon Disulfide	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V Carbon Tetrachloride	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V Chlorobenzene	UG/KG	57.0000	59.0000	11.0000 U	.	.	.
V Chloroethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V Chloroform	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V Chloromethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V Dibromochloromethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V Ethylbenzene	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V Methylene Chloride	UG/KG	7.0000 U	7.0000 U	6.0000 U	.	.	.
V Styrene	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V Tetrachloroethene	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V Toluene	UG/KG	55.0000	56.0000	11.0000 U	.	.	.
V Trichloroethene	UG/KG	49.0000	52.0000	11.0000 U	.	.	.
V Vinyl Chloride	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V Xylene (total)	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V cis-1,3-Dichloropropene	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.
V trans-1,3-Dichloropropene	UG/KG	11.0000 U	11.0000 U	11.0000 U	.	.	.

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA, FLORIDA

SITE 9

(BLANKS)

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09SE01	09ST01				
	LAB ID:	39189-046	39189-44				
	LAB RCVD:	02/02/94	02/02/94				
PARAMETER	UNITS						
I Aluminum	UG/L	17.9000 U					
I Antimony	UG/L	15.6000 UJ					
I Arsenic	UG/L	2.9000 U					
I Barium	UG/L	2.4000 U					
I Beryllium	UG/L	0.4000 U					
I Cadmium	UG/L	2.1000 U					
I Calcium	UG/L	19.0000 U					
I Chromium	UG/L	2.3000 U					
I Cobalt	UG/L	3.2000 U					
I Copper	UG/L	2.6000 U					
I Cyanide	UG/L	1.0000 U					
I Iron	UG/L	23.7000 J					
I Lead	UG/L	0.7000 U					
I Magnesium	UG/L	22.0000 U					
I Manganese	UG/L	1.0000 UJ					
I Mercury	UG/L	0.1000 U					
I Nickel	UG/L	10.4000 U					
I Potassium	UG/L	649.0000 U					
I Selenium	UG/L	1.7000 UJ					
I Silver	UG/L	3.6000 UJ					
I Sodium	UG/L	276.0000					
I Thallium	UG/L	4.3000					
I Vanadium	UG/L	3.3000 U					
I Zinc	UG/L	2.3000 U					
P 4,4'-DDD	UG/L	0.1000 U					
P 4,4'-DDE	UG/L	0.1000 U					
P 4,4'-DDT	UG/L	0.1000 U					
P Aldrin	UG/L	0.0520 U					
P Aroclor 1016	UG/L	1.0000 U					
P Aroclor 1221	UG/L	2.1000 U					
P Aroclor 1232	UG/L	1.0000 U					
P Aroclor 1242	UG/L	1.0000 U					

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09SE01	09ST01				
	LAB ID:	39189-45	39189-44				
	LAB RCVD:	02/02/94	02/02/94	.	.	.	.
PARAMETER	UNITS						
P Aroclor 1248	UG/L	1.0000 U	.	.	.	.	.
P Aroclor 1254	UG/L	1.0000 U	.	.	.	.	.
P Aroclor 1260	UG/L	1.0000 U	.	.	.	.	.
P Dieldrin	UG/L	0.1000 U	.	.	.	.	.
P Endosulfan I	UG/L	0.0520 U	.	.	.	.	.
P Endosulfan II	UG/L	0.1000 U	.	.	.	.	.
P Endosulfan sulfate	UG/L	0.1000 U	.	.	.	.	.
P Endrin	UG/L	0.1000 U	.	.	.	.	.
P Endrin aldehyde	UG/L	0.1000 U	.	.	.	.	.
P Endrin ketone	UG/L	0.1000 U	.	.	.	.	.
P Heptachlor	UG/L	0.0520 U	.	.	.	.	.
P Heptachlor epoxide	UG/L	0.0520 U	.	.	.	.	.
P Methoxychlor	UG/L	0.5200 U	.	.	.	.	.
P Toxaphene	UG/L	5.2000 U	.	.	.	.	.
P alpha-BHC	UG/L	0.0520 U	.	.	.	.	.
P alpha-Chlordane	UG/L	0.0520 U	.	.	.	.	.
P beta-BHC	UG/L	0.0520 U	.	.	.	.	.
P delta-BHC	UG/L	0.0520 U	.	.	.	.	.
P gamma-BHC (Lindane)	UG/L	0.0520 U	.	.	.	.	.
P gamma-Chlordane	UG/L	0.0520 U	.	.	.	.	.
S 1,2,4-Trichlorobenzene	UG/L	11.0000 U	.	.	.	.	.
S 1,2-Dichlorobenzene	UG/L	11.0000 U	.	.	.	.	.
S 1,3-Dichlorobenzene	UG/L	11.0000 U	.	.	.	.	.
S 1,4-Dichlorobenzene	UG/L	11.0000 U	.	.	.	.	.
S 2,4,5-Trichlorophenol	UG/L	27.0000 U	.	.	.	.	.
S 2,4,6-Trichlorophenol	UG/L	11.0000 U	.	.	.	.	.
S 2,4-Dichlorophenol	UG/L	11.0000 U	.	.	.	.	.
S 2,4-Dimethylphenol	UG/L	11.0000 U	.	.	.	.	.
S 2,4-Dinitrophenol	UG/L	27.0000 U	.	.	.	.	.
S 2,4-Dinitrotoluene	UG/L	11.0000 U	.	.	.	.	.
S 2,6-Dinitrotoluene	UG/L	11.0000 U	.	.	.	.	.
S 2-Chloronaphthalene	UG/L	11.0000 U	.	.	.	.	.

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09SE01	09ST01				
	LAB ID:	39189-45	39189-44				
	LAB RCVD:	02/02/94	02/02/94	.	.	.	.
PARAMETER	UNITS						
S 2-Chlorophenol	UG/L	11.0000 U	.	.	.	.	.
S 2-Methylnaphthalene	UG/L	11.0000 U	.	.	.	.	.
S 2-Methylphenol	UG/L	11.0000 U	.	.	.	.	.
S 2-Nitroaniline	UG/L	27.0000 U	.	.	.	.	.
S 2-Nitrophenol	UG/L	11.0000 U	.	.	.	.	.
S 3,3'-Dichlorobenzidine	UG/L	11.0000 U	.	.	.	.	.
S 3-Nitroaniline	UG/L	27.0000 U	.	.	.	.	.
S 4,6-Dinitro-2-methylphenol	UG/L	27.0000 U	.	.	.	.	.
S 4-Bromophenyl-phenylether	UG/L	11.0000 U	.	.	.	.	.
S 4-Chloro-3-methylphenol	UG/L	11.0000 U	.	.	.	.	.
S 4-Chloroaniline	UG/L	11.0000 U	.	.	.	.	.
S 4-Chlorophenyl-phenylether	UG/L	11.0000 U	.	.	.	.	.
S 4-Methylphenol	UG/L	11.0000 U	.	.	.	.	.
S 4-Nitroaniline	UG/L	27.0000 U	.	.	.	.	.
S 4-Nitrophenol	UG/L	27.0000 U	.	.	.	.	.
S Acenaphthene	UG/L	11.0000 U	.	.	.	.	.
S Acenaphthylene	UG/L	11.0000 U	.	.	.	.	.
S Anthracene	UG/L	11.0000 U	.	.	.	.	.
S Benzo(a)anthracene	UG/L	11.0000 U	.	.	.	.	.
S Benzo(a)pyrene	UG/L	11.0000 U	.	.	.	.	.
S Benzo(b)fluoranthene	UG/L	11.0000 U	.	.	.	.	.
S Benzo(g,h,i)perylene	UG/L	11.0000 U	.	.	.	.	.
S Benzo(k)fluoranthene	UG/L	11.0000 U	.	.	.	.	.
S Butylbenzylphthalate	UG/L	11.0000 U	.	.	.	.	.
S Carbazole	UG/L	11.0000 U	.	.	.	.	.
S Chrysene	UG/L	11.0000 U	.	.	.	.	.
S Di-n-butylphthalate	UG/L	11.0000 U	.	.	.	.	.
S Di-n-octylphthalate	UG/L	11.0000 U	.	.	.	.	.
S Dibenz(a,h)anthracene	UG/L	11.0000 U	.	.	.	.	.
S Dibenzofuran	UG/L	11.0000 U	.	.	.	.	.
S Diethylphthalate	UG/L	11.0000 U	.	.	.	.	.
S Dimethylphthalate	UG/L	11.0000 U	.	.	.	.	.

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09SE01	09ST01				
	LAB ID:	39189-45	39189-44				
	LAB RCVD:	02/02/94	02/02/94	.	.	.	.
PARAMETER	UNITS						
S Fluoranthene	UG/L	11.0000 U	.	.	.	.	.
S Fluorene	UG/L	11.0000 U	.	.	.	.	.
S Hexachlorobenzene	UG/L	11.0000 U	.	.	.	.	.
S Hexachlorobutadiene	UG/L	11.0000 U	.	.	.	.	.
S Hexachlorocyclopentadiene	UG/L	11.0000 U	.	.	.	.	.
S Hexachloroethane	UG/L	11.0000 U	.	.	.	.	.
S Indeno(1,2,3-cd)pyrene	UG/L	11.0000 U	.	.	.	.	.
S Isophorone	UG/L	11.0000 U	.	.	.	.	.
S N-Nitroso-di-n-propylamine	UG/L	11.0000 U	.	.	.	.	.
S N-Nitrosodiphenylamine	UG/L	11.0000 U	.	.	.	.	.
S Naphthalene	UG/L	11.0000 U	.	.	.	.	.
S Nitrobenzene	UG/L	11.0000 U	.	.	.	.	.
S Pentachlorophenol	UG/L	27.0000 U	.	.	.	.	.
S Phenanthrene	UG/L	11.0000 U	.	.	.	.	.
S Phenol	UG/L	11.0000 U	.	.	.	.	.
S Pyrene	UG/L	11.0000 U	.	.	.	.	.
S bis(2-Chloroethoxy)methane	UG/L	11.0000 U	.	.	.	.	.
S bis(2-Ethlyhexy)phthalate	UG/L	11.0000 U	.	.	.	.	.
S bis(2-chloroethyl)ether	UG/L	11.0000 U	.	.	.	.	.
S bis(2-chloroisopropyl)ether	UG/L	11.0000 U	.	.	.	.	.
V 1,1,1-Trichloroethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 1,1,2,2-Tetrachloroethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 1,1,2-Trichloroethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 1,1-Dichloroethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 1,1-Dichloroethene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 1,2-Dichloroethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 1,2-Dichloroethene (total)	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 1,2-Dichloropropane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 2-Butanone	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 2-Hexanone	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 4-Methyl-2-Pentanone	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Acetone	UG/L	10.0000 U	10.0000 U	.	.	.	.

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09SE01	09ST01	.	.	.	.
	LAB ID:	39189-43	39189-44				
	LAB RCVD:	02/02/94	02/02/94				
PARAMETER	UNITS						
V Benzene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Bromodichloromethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Bromoform	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Bromomethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Carbon Disulfide	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Carbon Tetrachloride	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Chlorobenzene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Chloroethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Chloroform	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Chloromethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Dibromochloromethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Ethylbenzene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Methylene Chloride	UG/L	4.0000 U	4.0000 U	.	.	.	.
V Styrene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Tetrachloroethene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Toluene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Trichloroethene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Vinyl Chloride	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Xylene (total)	UG/L	10.0000 U	10.0000 U	.	.	.	.
V cis-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V trans-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	.	.	.	.

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	09GE01	09GE02	09GT01	09GT02	09GT03	70FB01
		02/04/94	02/05/94	02/02/94	02/04/94	02/05/94	02/02/94
I Aluminum	UG/L	29.0000 U	29.0000 UJ	.	.	.	29.0000 U
I Aluminum	UG/L	29.0000 U	29.0000 UJ	.	.	.	29.0000 U
I Antimony	UG/L	36.0000 U	36.0000 UJ	.	.	.	36.0000 U
I Arsenic	UG/L	4.0000 U	4.0000 U	.	.	.	4.0000 U
I Barium	UG/L	2.7000	2.6000 U	.	.	.	2.0000 U
I Beryllium	UG/L	3.0000 U	3.0000 U	.	.	.	3.0000 U
I Cadmium	UG/L	5.0000 U	5.0000 U	.	.	.	5.0000 U
I Calcium	UG/L	122.0000	141.0000 U	.	.	.	51.4000
I Chromium	UG/L	4.0000 U	4.0000 UJ	.	.	.	4.0000 U
I Cobalt	UG/L	6.0000 U	6.0000 U	.	.	.	6.0000 U
I Copper	UG/L	3.0000 U	3.4000	.	.	.	3.0000 U
I Cyanide	UG/L	10.0000 U	.	.	.	.	10.0000 U
I Iron	UG/L	15.2000 J	14.0000 U	.	.	.	6.6000 J
I Lead	UG/L	2.0000 U	2.0000 UJ	.	.	.	2.0000 U
I Magnesium	UG/L	19.0000 U	20.9000	.	.	.	19.0000 U
I Manganese	UG/L	4.0000 U	4.0000 UJ	.	.	.	4.0000 U
I Mercury	UG/L	0.2000 U	0.2000 U	.	.	.	0.2000 U
I Nickel	UG/L	15.0000 U	15.0000 U	.	.	.	15.0000 U
I Potassium	UG/L	469.0000 U	469.0000 U	.	.	.	469.0000 U
I Selenium	UG/L	5.0000 U	5.0000 U	.	.	.	5.0000 U
I Silver	UG/L	6.0000 U	6.0000 U	.	.	.	6.0000 U
I Sodium	UG/L	34.9000	50.4000 U	.	.	.	125.0000
I Thallium	UG/L	8.0000 U	8.0000 U	.	.	.	8.0000 U
I Vanadium	UG/L	6.0000 U	6.0000 U	.	.	.	6.0000 U
I Zinc	UG/L	9.0000 U	9.0000 U	.	.	.	9.0000 U
P 4,4'-DDD	UG/L	0.1100 UJ	0.1100 UJ	.	.	.	0.1000 UJ
P 4,4'-DDE	UG/L	0.1100 UJ	0.1100 UJ	.	.	.	0.1000 UJ
P 4,4'-DDT	UG/L	0.1100 UJ	0.1100 UJ	.	.	.	0.1000 UJ
P Aldrin	UG/L	0.0500 UJ	0.0500 UJ	.	.	.	0.0500 UJ
P Aroclor 1016	UG/L	1.1000 UJ	1.1000 UJ	.	.	.	1.0000 UJ
P Aroclor 1221	UG/L	2.1000 UJ	2.2000 UJ	.	.	.	2.1000 UJ
P Aroclor 1232	UG/L	1.1000 UJ	1.1000 UJ	.	.	.	1.0000 UJ

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	UNITS	09GE01	09GE02	09GT01	09GT02	09GT03	70FB01
ENSAFE ID:		09GE01	09GE02	09GT01	09GT02	09GT03	70FB01
LAB ID:		1884.8	1914.3				1726.4
LAB RCVD:		02/04/94	02/05/94	02/02/94	02/04/94	02/05/94	02/02/94
P Aroclor 1242	UG/L	1.1000 UJ	1.1000 UJ	.	.	.	1.0000 UJ
P Aroclor 1248	UG/L	1.1000 UJ	1.1000 UJ	.	.	.	1.0000 UJ
P Aroclor 1254	UG/L	1.1000 UJ	1.1000 UJ	.	.	.	1.0000 UJ
P Aroclor 1260	UG/L	1.1000 UJ	1.1000 UJ	.	.	.	1.0000 UJ
P Dieldrin	UG/L	0.1100 UJ	0.1100 UJ	.	.	.	0.1000 UJ
P Endosulfan I	UG/L	0.0500 UJ	0.0500 UJ	.	.	.	0.0500 UJ
P Endosulfan II	UG/L	0.1100 UJ	0.1100 UJ	.	.	.	0.1000 UJ
P Endosulfan sulfate	UG/L	0.1100 UJ	0.1100 UJ	.	.	.	0.1000 UJ
P Endrin	UG/L	0.1100 UJ	0.1100 UJ	.	.	.	0.1000 UJ
P Endrin aldehyde	UG/L	0.1100 UJ	0.1100 UJ	.	.	.	0.1000 UJ
P Endrin ketone	UG/L	0.1100 UJ	0.1100 UJ	.	.	.	0.1000 UJ
P Heptachlor	UG/L	0.0500 UJ	0.0500 UJ	.	.	.	0.0500 UJ
P Heptachlor epoxide	UG/L	0.0500 UJ	0.0500 UJ	.	.	.	0.0500 UJ
P Methoxychlor	UG/L	0.5300 UJ	0.5400 UJ	.	.	.	0.5200 UJ
P Toxaphene	UG/L	5.3000 UJ	5.4000 UJ	.	.	.	5.2000 UJ
P alpha-BHC	UG/L	0.0500 UJ	0.0500 UJ	.	.	.	0.0500 UJ
P alpha-Chlordane	UG/L	0.0500 UJ	0.0500 UJ	.	.	.	0.0500 UJ
P beta-BHC	UG/L	0.0500 UJ	0.0500 UJ	.	.	.	0.0500 UJ
P delta-BHC	UG/L	0.0500 UJ	0.0500 UJ	.	.	.	0.0500 UJ
P gamma-BHC (Lindane)	UG/L	0.0500 UJ	0.0500 UJ	.	.	.	0.0500 UJ
P gamma-Chlordane	UG/L	0.0500 UJ	0.0500 UJ	.	.	.	0.0500 UJ
S 1,2,4-Trichlorobenzene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 1,2-Dichlorobenzene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 1,3-Dichlorobenzene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 1,4-Dichlorobenzene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 2,4,5-Trichlorophenol	UG/L	29.0000 U	27.0000 U	.	.	.	25.0000 U
S 2,4,6-Trichlorophenol	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 2,4-Dichlorophenol	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 2,4-Dimethylphenol	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 2,4-Dinitrophenol	UG/L	29.0000 R	27.0000 U	.	.	.	25.0000 U
S 2,4-Dinitrotoluene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 2,6-Dinitrotoluene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09GE01	09GE02	09GT01	09GT02	09GT03	70FB01
	LAB ID:	1884.8	1914.3				1726.4
	LAB RCVD:	02/04/94	02/05/94	02/02/94	02/04/94	02/05/94	02/02/94
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 2-Chlorophenol	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 2-Methylnaphthalene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 2-Methylphenol	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 2-Nitroaniline	UG/L	29.0000 U	27.0000 U	.	.	.	25.0000 U
S 2-Nitrophenol	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 3,3'-Dichlorobenzidine	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 3-Nitroaniline	UG/L	29.0000 U	27.0000 U	.	.	.	25.0000 U
S 4,6-Dinitro-2-methylphenol	UG/L	29.0000 U	27.0000 U	.	.	.	25.0000 U
S 4-Bromophenyl-phenylether	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 4-Chloro-3-methylphenol	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 4-Chloroaniline	UG/L	12.0000 R	11.0000 UJ	.	.	.	10.0000 UJ
S 4-Chlorophenyl-phenylether	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 4-Methylphenol	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S 4-Nitroaniline	UG/L	29.0000 U	27.0000 U	.	.	.	25.0000 U
S 4-Nitrophenol	UG/L	29.0000 U	27.0000 U	.	.	.	25.0000 U
S Acenaphthene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Acenaphthylene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Anthracene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Benzo(a)anthracene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Benzo(a)pyrene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Benzo(b)fluoranthene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Benzo(g,h,i)perylene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Benzo(k)fluoranthene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Butylbenzylphthalate	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Carbazole	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Chrysene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Di-n-butylphthalate	UG/L	6.0000 J	11.0000 U	.	.	.	10.0000 U
S Di-n-octylphthalate	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Dibenz(a,h)anthracene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Dibenzofuran	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Diethylphthalate	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09GE01	09GE02	09GT01	09GT02	09GT03	70FB01
	LAB ID:	1884.8	1914.3				1726.4
	LAB RCVD:	02/04/94	02/05/94	02/02/94	02/04/94	02/05/94	02/02/94
PARAMETER	UNITS						
S Dimethylphthalate	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Fluoranthene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Fluorene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Hexachlorobenzene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Hexachlorobutadiene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Hexachlorocyclopentadiene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Hexachloroethane	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Indeno(1,2,3-cd)pyrene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Isophorone	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S N-Nitroso-di-n-propylamine	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S N-Nitrosodiphenylamine	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Naphthalene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Nitrobenzene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Pentachlorophenol	UG/L	29.0000 U	27.0000 U	.	.	.	25.0000 U
S Phenanthrene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Phenol	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S Pyrene	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S bis(2-Chloroethoxy)methane	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S bis(2-Ethlyhexy)phthalate	UG/L	4.0000 J	11.0000 U	.	.	.	10.0000 U
S bis(2-chloroethyl)ether	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
S bis(2-chloroisopropyl)ether	UG/L	12.0000 U	11.0000 U	.	.	.	10.0000 U
V 1,1,1-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1,2,2-Tetrachloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1,2-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1-Dichloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,2-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,2-Dichloroethene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,2-Dichloropropane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 2-Butanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 2-Hexanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 4-Methyl-2-Pentanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	09GE01	09GE02	09GT01	09GT02	09GT03	70FB01
	LAB ID:						
	LAB RCVD:	02/04/94	02/05/94	02/02/94	02/04/94	02/05/94	02/02/94
PARAMETER	UNITS						
V Acetone	UG/L	5.0000 J	18.0000 U	3.0000 J	10.0000 U	10.0000 U	10.0000 U
V Benzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Bromodichloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Bromoform	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Bromomethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Carbon Disulfide	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Carbon Tetrachloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chlorobenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chloroform	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Dibromochloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Ethylbenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Methylene Chloride	UG/L	10.0000 U	10.0000 U	1.0000 J	10.0000 U	10.0000 U	10.0000 U
V Styrene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Tetrachloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Toluene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Trichloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Vinyl Chloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Xylene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V cis-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V trans-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	70FB02	70FB03	GPCBLK41	PBLK35-1	PBLK36-1	PBLK38
		GPCBLK41	PBLK35-1	PBLK36-1	PBLK38		
		02/02/94	02/02/94	02/04/94	02/04/94	02/04/94	02/04/94
I Aluminum	UG/L	.	29.0000 U	.	.	.	.
I Antimony	UG/L	36.0000 U	36.0000 U	.	.	.	.
I Arsenic	UG/L	4.0000 U	4.8000	.	.	.	.
I Barium	UG/L	2.0000 U	2.0000 U	.	.	.	.
I Beryllium	UG/L	3.0000 U	3.0000 U	.	.	.	.
I Cadmium	UG/L	5.0000 U	5.0000 U	.	.	.	.
I Calcium	UG/L	88.8000	72.7000	.	.	.	.
I Chromium	UG/L	4.0000 U	4.0000 U	.	.	.	.
I Cobalt	UG/L	6.0000 U	6.0000 U	.	.	.	.
I Copper	UG/L	3.0000 U	3.0000 U	.	.	.	.
I Cyanide	UG/L	10.0000 U	10.0000 U	.	.	.	.
I Iron	UG/L	9.8000 J	40.8000 J	.	.	.	.
I Lead	UG/L	2.0000 U	2.0000 U	.	.	.	.
I Magnesium	UG/L	19.0000 U	19.0000 U	.	.	.	.
I Manganese	UG/L	4.0000 U	4.0000 U	.	.	.	.
I Mercury	UG/L	0.2000 U	0.2000 U	.	.	.	.
I Nickel	UG/L	15.0000 U	15.0000 U	.	.	.	.
I Potassium	UG/L	469.0000 U	469.0000 U	.	.	.	.
I Selenium	UG/L	5.0000 U	5.0000 U	.	.	.	.
I Silver	UG/L	6.0000 U	6.0000 U	.	.	.	.
I Sodium	UG/L	21.9000	26.4000	.	.	.	.
I Thallium	UG/L	8.0000 U	8.0000 U	.	.	.	.
I Vanadium	UG/L	6.0000 U	6.0000 U	.	.	.	.
I Zinc	UG/L	9.0000 U	9.0000 U	.	.	.	.
P 4,4'-DDD	UG/L	0.1100 UJ	0.1000 UJ	.	0.1000 U	0.1000 U	0.1000 U
P 4,4'-DDE	UG/L	0.1100 UJ	0.1000 UJ	.	0.1000 U	0.1000 U	0.1000 U
P 4,4'-DDT	UG/L	0.1100 UJ	0.1000 UJ	.	0.1000 U	0.1000 U	0.1000 U
P Aldrin	UG/L	0.0500 UJ	0.0500 UJ	.	0.0500 U	0.0500 U	0.0500 U
P Aroclor 1016	UG/L	1.1000 UJ	1.0000 UJ	.	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1221	UG/L	2.2000 UJ	2.1000 UJ	.	2.0000 U	2.0000 U	2.0000 U
P Aroclor 1232	UG/L	1.1000 UJ	1.0000 UJ	.	1.0000 U	1.0000 U	1.0000 U

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	UNITS	70FB02	70FB03	GPCBLK41	PBLK35-1	PBLK36-1	PBLK38
ENSAFE ID:		70FB02	70FB03	GPCBLK41	PBLK35-1	PBLK36-1	PBLK38
LAB ID:		1727.2	1728.0	GPCBLK41	PBLK35-1	PBLK36-1	PBLK38
LAB RCVD:		02/02/94	02/02/94	02/04/94	02/04/94	02/04/94	02/04/94
P Aroclor 1242	UG/L	1.1000 UJ	1.0000 UJ	.	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1248	UG/L	1.1000 UJ	1.0000 UJ	.	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1254	UG/L	1.1000 UJ	1.0000 UJ	.	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1260	UG/L	1.1000 UJ	1.0000 UJ	.	1.0000 U	1.0000 U	1.0000 U
P Dieldrin	UG/L	0.1100 UJ	0.1000 UJ	.	0.1000 U	0.1000 U	0.1000 U
P Endosulfan I	UG/L	0.0500 UJ	0.0500 UJ	.	0.0500 U	0.0500 U	0.0500 U
P Endosulfan II	UG/L	0.1100 UJ	0.1000 UJ	.	0.1000 U	0.1000 U	0.1000 U
P Endosulfan sulfate	UG/L	0.1100 UJ	0.1000 UJ	.	0.1000 U	0.1000 U	0.1000 U
P Endrin	UG/L	0.1100 UJ	0.1000 UJ	.	0.1000 U	0.1000 U	0.1000 U
P Endrin aldehyde	UG/L	0.1100 UJ	0.1000 UJ	.	0.1000 U	0.1000 U	0.1000 U
P Endrin ketone	UG/L	0.1100 UJ	0.1000 UJ	.	0.1000 U	0.1000 U	0.1000 U
P Heptachlor	UG/L	0.0500 UJ	0.0500 UJ	.	0.0500 U	0.0500 U	0.0500 U
P Heptachlor epoxide	UG/L	0.0500 UJ	0.0500 UJ	.	0.0500 U	0.0500 U	0.0500 U
P Methoxychlor	UG/L	0.5400 UJ	0.5200 UJ	.	0.5000 U	0.5000 U	0.5000 U
P Toxaphene	UG/L	5.4000 UJ	5.2000 UJ	.	5.0000 U	5.0000 U	5.0000 U
P alpha-BHC	UG/L	0.0500 UJ	0.0500 UJ	.	0.0500 U	0.0500 U	0.0500 U
P alpha-Chlordane	UG/L	0.0500 UJ	0.0500 UJ	.	0.0500 U	0.0500 U	0.0500 U
P beta-BHC	UG/L	0.0500 UJ	0.0500 UJ	.	0.0500 U	0.0500 U	0.0500 U
P delta-BHC	UG/L	0.0500 UJ	0.0500 UJ	.	0.0500 U	0.0500 U	0.0500 U
P gamma-BHC (Lindane)	UG/L	0.0500 UJ	0.0500 UJ	.	0.0500 U	0.0500 U	0.0500 U
P gamma-Chlordane	UG/L	0.0500 UJ	0.0500 UJ	.	0.0500 U	0.0500 U	0.0500 U
S 1,2,4-Trichlorobenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 1,2-Dichlorobenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 1,3-Dichlorobenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 1,4-Dichlorobenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 2,4,5-Trichlorophenol	UG/L	25.0000 U	25.0000 U	25.0000 U	.	.	.
S 2,4,6-Trichlorophenol	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 2,4-Dichlorophenol	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 2,4-Dimethylphenol	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 2,4-Dinitrophenol	UG/L	25.0000 U	25.0000 U	25.0000 U	.	.	.
S 2,4-Dinitrotoluene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 2,6-Dinitrotoluene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	70FB02	70FB03	GPCBLK41	PBLK35-1	PBLK36-1	PBLK38
	LAB ID:	1727.2	1728.0	GPCBLK41	PBLK35-1	PBLK36-1	PBLK38
	LAB RCVD:	02/02/94	02/02/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 2-Chlorophenol	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 2-Methylnaphthalene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 2-Methylphenol	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 2-Nitroaniline	UG/L	25.0000 U	25.0000 U	25.0000 U	.	.	.
S 2-Nitrophenol	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 3,3'-Dichlorobenzidine	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 3-Nitroaniline	UG/L	25.0000 U	25.0000 U	25.0000 U	.	.	.
S 4,6-Dinitro-2-methylphenol	UG/L	25.0000 U	25.0000 U	25.0000 U	.	.	.
S 4-Bromophenyl-phenylether	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 4-Chloro-3-methylphenol	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 4-Chloroaniline	UG/L	10.0000 UJ	10.0000 UJ	10.0000 U	.	.	.
S 4-Chlorophenyl-phenylether	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 4-Methylphenol	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S 4-Nitroaniline	UG/L	25.0000 U	25.0000 U	25.0000 U	.	.	.
S 4-Nitrophenol	UG/L	25.0000 U	25.0000 U	25.0000 U	.	.	.
S Acenaphthene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Acenaphthylene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Anthracene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Benzo(a)anthracene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Benzo(a)pyrene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Benzo(b)fluoranthene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Benzo(g,h,i)perylene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Benzo(k)fluoranthene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Butylbenzylphthalate	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Carbazole	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Chrysene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Di-n-butylphthalate	UG/L	10.0000 U	2.0000 J	10.0000 U	.	.	.
S Di-n-octylphthalate	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Dibenz(a,h)anthracene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Dibenzofuran	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Diethylphthalate	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	70FB02	70FB03	GPCBLK41	PBLK35-1	PBLK36-1	PBLK38
	LAB ID:	1727.2	1728.0	GPCBLK41	PBLK35-1	PBLK36-1	PBLK38
	LAB RCVD:	02/02/94	02/02/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
S Dimethylphthalate	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Fluoranthene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Fluorene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Hexachlorobenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Hexachlorobutadiene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Hexachlorocyclopentadiene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Hexachloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Indeno(1,2,3-cd)pyrene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Isophorone	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S N-Nitroso-di-n-propylamine	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S N-Nitrosodiphenylamine	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Naphthalene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Nitrobenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Pentachlorophenol	UG/L	25.0000 U	25.0000 U	25.0000 U	.	.	.
S Phenanthrene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Phenol	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S Pyrene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S bis(2-Chloroethoxy)methane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S bis(2-Ethlyhexy)phthalate	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S bis(2-chloroethyl)ether	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
S bis(2-chloroisopropyl)ether	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 1,1,1-Trichloroethane	UG/L	.	10.0000 U	.	.	.	.
V 1,1,2,2-Tetrachloroethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 1,1,2-Trichloroethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 1,1-Dichloroethane	UG/L	.	10.0000 U	.	.	.	.
V 1,1-Dichloroethene	UG/L	.	10.0000 U	.	.	.	.
V 1,2-Dichloroethane	UG/L	.	10.0000 U	.	.	.	.
V 1,2-Dichloroethene (total)	UG/L	.	10.0000 U	.	.	.	.
V 1,2-Dichloropropane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 2-Butanone	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 2-Hexanone	UG/L	.	10.0000 U	.	.	.	.
V 4-Methyl-2-Pentanone	UG/L	.	10.0000 U	.	.	.	.

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	70FB02	70FB03	GPCBLK41	PBLK35-1	PBLK36-1	PBLK38
	LAB ID:			GPCBLK41	PBLK35-1	PBLK36-1	PBLK38
	LAB RCVD:	02/02/94	02/02/94	02/04/94	02/04/94	02/04/94	02/04/94
V Acetone	UG/L	.	2.0000 J	.	.	.	.
V Benzene	UG/L	.	10.0000 U	.	.	.	.
V Bromodichloromethane	UG/L	.	10.0000 U	.	.	.	.
V Bromoform	UG/L	.	10.0000 U	.	.	.	.
V Bromomethane	UG/L	.	10.0000 U	.	.	.	.
V Carbon Disulfide	UG/L	.	10.0000 U	.	.	.	.
V Carbon Tetrachloride	UG/L	.	10.0000 U	.	.	.	.
V Chlorobenzene	UG/L	.	10.0000 U	.	.	.	.
V Chloroethane	UG/L	.	10.0000 U	.	.	.	.
V Chloroform	UG/L	.	10.0000 U	.	.	.	.
V Chloromethane	UG/L	.	10.0000 U	.	.	.	.
V Dibromochloromethane	UG/L	.	10.0000 U	.	.	.	.
V Ethylbenzene	UG/L	.	10.0000 U	.	.	.	.
V Methylene Chloride	UG/L	.	10.0000 U	.	.	.	.
V Styrene	UG/L	.	10.0000 U	.	.	.	.
V Tetrachloroethene	UG/L	.	10.0000 U	.	.	.	.
V Toluene	UG/L	.	10.0000 U	.	.	.	.
V Trichloroethene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Vinyl Chloride	UG/L	.	10.0000 U	.	.	.	.
V Xylene (total)	UG/L	.	10.0000 U	.	.	.	.
V cis-1,3-Dichloropropene	UG/L	.	10.0000 U	.	.	.	.
V trans-1,3-Dichloropropene	UG/L	.	10.0000 U	.	.	.	.

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	PBLK42 / PBLK42	PIBLK01 / PIBLK01	PIBLK11 / PIBLK11	PIBLK12 / PIBLK12	PIBLK13 / PIBLK13	PIBLK14 / PIBLK14
P 4,4'-DDD	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P 4,4'-DDE	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P 4,4'-DDT	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Aldrin	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P Aroclor 1016	UG/L	1.0000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U
P Aroclor 1221	UG/L	2.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1232	UG/L	1.0000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U
P Aroclor 1242	UG/L	1.0000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U
P Aroclor 1248	UG/L	1.0000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U
P Aroclor 1254	UG/L	1.0000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U
P Aroclor 1260	UG/L	1.0000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U
P Dieldrin	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Endosulfan I	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P Endosulfan II	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Endosulfan sulfate	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Endrin	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Endrin aldehyde	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Endrin ketone	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Heptachlor	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P Heptachlor epoxide	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P Methoxychlor	UG/L	0.5000 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U
P Toxaphene	UG/L	5.0000 U	2.5000 U	2.5000 U	2.5000 U	2.5000 U	2.5000 U
P alpha-BHC	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P alpha-Chlordane	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P beta-BHC	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P delta-BHC	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P gamma-BHC (Lindane)	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P gamma-Chlordane	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	PIBLK15 / PIBLK15 / .	SBLK35-1 / SBLK35-1 / 02/04/94	SBLK35-1MS / SBLK35-1MS / 02/04/94	SBLK35-1MSD / SBLK35-1MSD / 02/04/94	SBLK36-1 / SBLK36-1 / 02/04/94	SBLK36-1MS / SBLK36-1MS / 02/04/94
		.	.	.	.	.	.
P 4,4'-DDD	UG/L	0.0500 U	.	.	.	.	.
P 4,4'-DDE	UG/L	0.0500 U	.	.	.	.	.
P 4,4'-DDT	UG/L	0.0500 U	.	.	.	.	.
P Aldrin	UG/L	0.0200 U	.	.	.	.	.
P Aroclor 1016	UG/L	0.5000 U	.	.	.	.	.
P Aroclor 1221	UG/L	1.0000 U	.	.	.	.	.
P Aroclor 1232	UG/L	0.5000 U	.	.	.	.	.
P Aroclor 1242	UG/L	0.5000 U	.	.	.	.	.
P Aroclor 1248	UG/L	0.5000 U	.	.	.	.	.
P Aroclor 1254	UG/L	0.5000 U	.	.	.	.	.
P Aroclor 1260	UG/L	0.5000 U	.	.	.	.	.
P Dieldrin	UG/L	0.0500 U	.	.	.	.	.
P Endosulfan I	UG/L	0.0200 U	.	.	.	.	.
P Endosulfan II	UG/L	0.0500 U	.	.	.	.	.
P Endosulfan sulfate	UG/L	0.0500 U	.	.	.	.	.
P Endrin	UG/L	0.0500 U	.	.	.	.	.
P Endrin aldehyde	UG/L	0.0500 U	.	.	.	.	.
P Endrin ketone	UG/L	0.0500 U	.	.	.	.	.
P Heptachlor	UG/L	0.0200 U	.	.	.	.	.
P Heptachlor epoxide	UG/L	0.0200 U	.	.	.	.	.
P Methoxychlor	UG/L	0.2500 U	.	.	.	.	.
P Toxaphene	UG/L	2.5000 U	.	.	.	.	.
P alpha-BHC	UG/L	0.0200 U	.	.	.	.	.
P alpha-Chlordane	UG/L	0.0200 U	.	.	.	.	.
P beta-BHC	UG/L	0.0200 U	.	.	.	.	.
P delta-BHC	UG/L	0.0200 U	.	.	.	.	.
P gamma-BHC (Lindane)	UG/L	0.0200 U	.	.	.	.	.
P gamma-Chlordane	UG/L	0.0200 U	.	.	.	.	.
S 1,2,4-Trichlorobenzene	UG/L	.	10.0000 U	24.0000	22.0000	10.0000 U	22.0000
S 1,2-Dichlorobenzene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S 1,3-Dichlorobenzene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	PIBLK15	SBLK35-1	SBLK35-1MS	SBLK35-1MSD	SBLK36-1	SBLK36-1MS
	LAB ID:	PIBLK15	SBLK35-1	SBLK35-1MS	SBLK35-1MSD	SBLK36-1	SBLK36-1MS
	LAB RCVD:	.	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
S 1,4-Dichlorobenzene	UG/L	.	10.0000 U	24.0000	22.0000	10.0000 U	22.0000
S 2,4,5-Trichlorophenol	UG/L	.	25.0000 U	25.0000 U	25.0000 U	25.0000 U	25.0000 U
S 2,4,6-Trichlorophenol	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S 2,4-Dichlorophenol	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S 2,4-Dimethylphenol	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S 2,4-Dinitrophenol	UG/L	.	25.0000 U	25.0000 U	25.0000 U	25.0000 U	25.0000 U
S 2,4-Dinitrotoluene	UG/L	.	10.0000 U	23.0000	23.0000	10.0000 U	29.0000
S 2,6-Dinitrotoluene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S 2-Chloronaphthalene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S 2-Chlorophenol	UG/L	.	10.0000 U	55.0000	53.0000	10.0000 U	48.0000
S 2-Methylnaphthalene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S 2-Methylphenol	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S 2-Nitroaniline	UG/L	.	25.0000 U	25.0000 U	25.0000 U	25.0000 U	25.0000 U
S 2-Nitrophenol	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S 3,3'-Dichlorobenzidine	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S 3-Nitroaniline	UG/L	.	25.0000 U	25.0000 U	25.0000 U	25.0000 U	25.0000 U
S 4,6-Dinitro-2-methylphenol	UG/L	.	25.0000 U	25.0000 U	25.0000 U	25.0000 U	25.0000 U
S 4-Bromophenyl-phenylether	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S 4-Chloro-3-methylphenol	UG/L	.	10.0000 U	58.0000	57.0000	10.0000 U	51.0000
S 4-Chloroaniline	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S 4-Chlorophenyl-phenylether	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S 4-Methylphenol	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S 4-Nitroaniline	UG/L	.	25.0000 U	25.0000 U	25.0000 U	25.0000 U	25.0000 U
S 4-Nitrophenol	UG/L	.	25.0000 U	58.0000	60.0000	25.0000 U	63.0000
S Acenaphthene	UG/L	.	10.0000 U	37.0000	35.0000	10.0000 U	34.0000
S Acenaphthylene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Anthracene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Benzo(a)anthracene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Benzo(a)pyrene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Benzo(b)fluoranthene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Benzo(g,h,i)perylene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Benzo(k)fluoranthene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	PIBLK15	SBLK35-1	SBLK35-1MS	SBLK35-1MSD	SBLK36-1	SBLK36-1MS
	LAB ID:	PIBLK15	SBLK35-1	SBLK35-1MS	SBLK35-1MSD	SBLK36-1	SBLK36-1MS
	LAB RCVD:	.	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
S Butylbenzylphthalate	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Carbazole	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Chrysene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Di-n-butylphthalate	UG/L	.	10.0000 U	10.0000 U	4.0000 J	4.0000 J	4.0000 J
S Di-n-octylphthalate	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Dibenz(a,h)anthracene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Dibenzofuran	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Diethylphthalate	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Dimethylphthalate	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Fluoranthene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Fluorene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Hexachlorobenzene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Hexachlorobutadiene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Hexachlorocyclopentadiene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Hexachloroethane	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Indeno(1,2,3-cd)pyrene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Isophorone	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S N-Nitroso-di-n-propylamine	UG/L	.	10.0000 U	29.0000	28.0000	10.0000 U	28.0000
S N-Nitrosodiphenylamine	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Naphthalene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Nitrobenzene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Pentachlorophenol	UG/L	.	25.0000 U	49.0000	50.0000	25.0000 U	61.0000
S Phenanthrene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S Phenol	UG/L	.	10.0000 U	52.0000	51.0000	10.0000 U	47.0000
S Pyrene	UG/L	.	10.0000 U	38.0000	38.0000	10.0000 U	33.0000
S bis(2-Chloroethoxy)methane	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S bis(2-Ethlyhexy)phthalate	UG/L	.	10.0000 U	10.0000 U	10.0000 U	3.0000 J	2.0000 J
S bis(2-chloroethyl)ether	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
S bis(2-chloroisopropyl)ether	UG/L	.	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	SBLK38	VBLK01	VBLK02	VBLK03		
	LAB ID:	SBLK38					
	LAB RCVD:	02/04/94					
PARAMETER	UNITS						
S 1,2,4-Trichlorobenzene	UG/L	10.0000 U					
S 1,2-Dichlorobenzene	UG/L	10.0000 U					
S 1,3-Dichlorobenzene	UG/L	10.0000 U					
S 1,4-Dichlorobenzene	UG/L	10.0000 U					
S 2,4,5-Trichlorophenol	UG/L	25.0000 U					
S 2,4,6-Trichlorophenol	UG/L	10.0000 U					
S 2,4-Dichlorophenol	UG/L	10.0000 U					
S 2,4-Dimethylphenol	UG/L	10.0000 U					
S 2,4-Dinitrophenol	UG/L	25.0000 U					
S 2,4-Dinitrotoluene	UG/L	10.0000 U					
S 2,6-Dinitrotoluene	UG/L	10.0000 U					
S 2-Chloronaphthalene	UG/L	10.0000 U					
S 2-Chlorophenol	UG/L	10.0000 U					
S 2-Methylnaphthalene	UG/L	10.0000 U					
S 2-Methylphenol	UG/L	10.0000 U					
S 2-Nitroaniline	UG/L	25.0000 U					
S 2-Nitrophenol	UG/L	10.0000 U					
S 3,3'-Dichlorobenzidine	UG/L	10.0000 U					
S 3-Nitroaniline	UG/L	25.0000 U					
S 4,6-Dinitro-2-methylphenol	UG/L	25.0000 U					
S 4-Bromophenyl-phenylether	UG/L	10.0000 U					
S 4-Chloro-3-methylphenol	UG/L	10.0000 U					
S 4-Chloroaniline	UG/L	10.0000 U					
S 4-Chlorophenyl-phenylether	UG/L	10.0000 U					
S 4-Methylphenol	UG/L	10.0000 U					
S 4-Nitroaniline	UG/L	25.0000 U					
S 4-Nitrophenol	UG/L	25.0000 U					
S Acenaphthene	UG/L	10.0000 U					
S Acenaphthylene	UG/L	10.0000 U					
S Anthracene	UG/L	10.0000 U					
S Benzo(a)anthracene	UG/L	10.0000 U					

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	SBLK38	VBLK01	VBLK02	VBLK03		
	LAB ID:	SBLK38					
	LAB RCVD:	02/04/94	.	.	.	.	.
PARAMETER	UNITS						
S Benzo(a)pyrene	UG/L	10.0000 U	.	.	.	.	.
S Benzo(b)fluoranthene	UG/L	10.0000 U	.	.	.	.	.
S Benzo(g,h,i)perylene	UG/L	10.0000 U	.	.	.	.	.
S Benzo(k)fluoranthene	UG/L	10.0000 U	.	.	.	.	.
S Butylbenzylphthalate	UG/L	10.0000 U	.	.	.	.	.
S Carbazole	UG/L	10.0000 U	.	.	.	.	.
S Chrysene	UG/L	10.0000 U	.	.	.	.	.
S Di-n-butylphthalate	UG/L	10.0000 U	.	.	.	.	.
S Di-n-octylphthalate	UG/L	10.0000 U	.	.	.	.	.
S Dibenz(a,h)anthracene	UG/L	10.0000 U	.	.	.	.	.
S Dibenzofuran	UG/L	10.0000 U	.	.	.	.	.
S Diethylphthalate	UG/L	10.0000 U	.	.	.	.	.
S Dimethylphthalate	UG/L	10.0000 U	.	.	.	.	.
S Fluoranthene	UG/L	10.0000 U	.	.	.	.	.
S Fluorene	UG/L	10.0000 U	.	.	.	.	.
S Hexachlorobenzene	UG/L	10.0000 U	.	.	.	.	.
S Hexachlorobutadiene	UG/L	10.0000 U	.	.	.	.	.
S Hexachlorocyclopentadiene	UG/L	10.0000 U	.	.	.	.	.
S Hexachloroethane	UG/L	10.0000 U	.	.	.	.	.
S Indeno(1,2,3-cd)pyrene	UG/L	10.0000 U	.	.	.	.	.
S Isophorone	UG/L	10.0000 U	.	.	.	.	.
S N-Nitroso-di-n-propylamine	UG/L	10.0000 U	.	.	.	.	.
S N-Nitrosodiphenylamine	UG/L	10.0000 U	.	.	.	.	.
S Naphthalene	UG/L	10.0000 U	.	.	.	.	.
S Nitrobenzene	UG/L	10.0000 U	.	.	.	.	.
S Pentachlorophenol	UG/L	25.0000 U	.	.	.	.	.
S Phenanthrene	UG/L	10.0000 U	.	.	.	.	.
S Phenol	UG/L	10.0000 U	.	.	.	.	.
S Pyrene	UG/L	10.0000 U	.	.	.	.	.
S bis(2-Chloroethoxy)methane	UG/L	10.0000 U	.	.	.	.	.
S bis(2-Ethlyhexy)phthalate	UG/L	10.0000 U	.	.	.	.	.
S bis(2-chloroethyl)ether	UG/L	10.0000 U	.	.	.	.	.

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	SBLK38	VBLK01	VBLK02	VBLK03		
	LAB ID:	SBLK38					
	LAB RCVD:	02/04/94	.	.	.	.	.
PARAMETER	UNITS						
S bis(2-chloroisopropyl)ether	UG/L	10.0000 U	.	.	.	.	.
V 1,1,1-Trichloroethane	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V 1,1,2,2-Tetrachloroethane	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V 1,1,2-Trichloroethane	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V 1,1-Dichloroethane	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V 1,1-Dichloroethene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V 1,2-Dichloroethane	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V 1,2-Dichloroethene (total)	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V 1,2-Dichloropropane	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V 2-Butanone	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V 2-Hexanone	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V 4-Methyl-2-Pentanone	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Acetone	UG/L	.	5.0000 J	10.0000 U	2.0000 J	.	.
V Benzene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Bromodichloromethane	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Bromoform	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Bromomethane	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Carbon Disulfide	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Carbon Tetrachloride	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Chlorobenzene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Chloroethane	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Chloroform	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Chloromethane	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Dibromochloromethane	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Ethylbenzene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Methylene Chloride	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Styrene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Tetrachloroethene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Toluene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Trichloroethene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Vinyl Chloride	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V Xylene (total)	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.

PENSACOLA SITE 9
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	SBLK38	VBLK01	VBLK02	VBLK03		
	LAB ID:	SBLK38					
	LAB RCVD:	02/04/94	.	.	.	.	.
PARAMETER	UNITS						
V cis-1,3-Dichloropropene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.
V trans-1,3-Dichloropropene	UG/L	.	10.0000 U	10.0000 U	10.0000 U	.	.

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA, FLORIDA

SITE 29

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	UNITS	29S0101	29S0101D	29S0103	29S0103DL	29S0105	29S0105DL
ENSAFE ID:		29S0101	29S0101D	29S0103	29S0103DL	29S0105	29S0105DL
LAB ID:					1801.5DL		
LAB RCVD:		02/03/94	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94
		.	.	.	.	.	.
I Aluminum	MG/KG	2340.0000	1970.0000	3740.0000	.	2200.0000	.
I Antimony	MG/KG	8.4000 UJ	7.9000 UJ	7.6000 UJ	.	8.1000 UJ	.
I Arsenic	MG/KG	0.9300 U	0.8800 U	0.8400 U	.	0.9000 U	.
I Barium	MG/KG	8.3000 U	6.5000 U	9.2000 U	.	5.7000 U	.
I Beryllium	MG/KG	0.7000 U	0.6600 U	0.6300 U	.	0.6700 U	.
I Cadmium	MG/KG	1.2000 U	1.1000 U	1.1000 U	.	1.1000 U	.
I Calcium	MG/KG	15300.0000	10500.0000	668.0000 U	.	1580.0000	.
I Chromium	MG/KG	4.9000	4.6000	9.6000	.	8.8000	.
I Cobalt	MG/KG	1.4000 U	1.3000 U	1.3000 U	.	1.3000 U	.
I Copper	MG/KG	2.3000 U	1.8000 U	3.2000 U	.	3.2000 U	.
I Cyanide	MG/KG	1.3000 U	1.4000 U	1.3000 U	.	1.3000 U	.
I Iron	MG/KG	1770.0000	1360.0000	1940.0000	.	1410.0000	.
I Lead	MG/KG	4.0000	3.7000	26.3000	.	21.8000	.
I Magnesium	MG/KG	673.0000	504.0000	91.8000	.	108.0000	.
I Manganese	MG/KG	34.7000	31.6000	57.4000	.	33.6000	.
I Mercury	MG/KG	0.1200 U	0.1100 U	0.1100 U	.	0.1100 U	.
I Nickel	MG/KG	3.5000 U	3.3000 U	3.2000 U	.	3.4000 U	.
I Potassium	MG/KG	120.0000 U	103.0000 U	151.0000 U	.	113.0000 U	.
I Selenium	MG/KG	1.5000 J	1.5000 J	1.1000 UJ	.	1.5000 J	.
I Silver	MG/KG	1.4000 U	1.3000 U	1.3000 U	.	1.3000 U	.
I Sodium	MG/KG	2.1000 U	2.0000 U	1.9000 U	.	2.0000 U	.
I Thallium	MG/KG	1.9000 U	1.8000 U	1.7000 U	.	1.8000 U	.
I Vanadium	MG/KG	3.4000	2.6000	5.0000	.	3.5000	.
I Zinc	MG/KG	7.5000	6.1000	9.6000	.	7.1000	.
P 4,4'-DDD	UG/KG	3.8000 U	3.6000 U	21.0000	340.0000 U	13.0000	370.0000 U
P 4,4'-DDE	UG/KG	3.8000 U	3.6000 U	36.0000	340.0000 U	24.0000	370.0000 U
P 4,4'-DDT	UG/KG	3.8000 U	3.6000 U	47.0000	340.0000 U	38.0000	370.0000 U
P Aldrin	UG/KG	2.0000 U	1.9000 U	1.7000 U	170.0000 U	1.9000 U	190.0000 U
P Aroclor 1016	UG/KG	38.0000 U	36.0000 U	34.0000 U	3400.0000 U	37.0000 U	3700.0000 U
P Aroclor 1221	UG/KG	78.0000 U	74.0000 U	68.0000 U	6800.0000 U	75.0000 U	7500.0000 U
P Aroclor 1232	UG/KG	38.0000 U	36.0000 U	34.0000 U	3400.0000 U	37.0000 U	3700.0000 U
P Aroclor 1242	UG/KG	38.0000 U	36.0000 U	34.0000 U	3400.0000 U	37.0000 U	3700.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	UNITS	29S0101	29S0101D	29S0103	29S0103DL	29S0105	29S0105DL
ENSAFE ID:		29S0101	29S0101D	29S0103	29S0103DL	29S0105	29S0105DL
LAB ID:		1799.0	1800.7	1801.5	1801.5DL	1798.1	1798.1DL
LAB RCVD:		02/03/94	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94
P Aroclor 1248	UG/KG	38.0000 U	36.0000 U	34.0000 U	3400.0000 U	37.0000 U	3700.0000 U
P Aroclor 1254	UG/KG	38.0000 U	36.0000 U	34.0000 U	3400.0000 U	37.0000 U	3700.0000 U
P Aroclor 1260	UG/KG	38.0000 U	36.0000 U	34.0000 U	3400.0000 U	37.0000 U	3700.0000 U
P Dieldrin	UG/KG	11.0000	12.0000	690.0000 J	2200.0000	680.0000 J	1300.0000
P Endosulfan I	UG/KG	2.0000 U	1.9000 U	1.7000 U	170.0000 U	1.9000 U	190.0000 U
P Endosulfan II	UG/KG	3.8000 U	3.6000 U	3.4000 U	340.0000 U	3.7000 U	370.0000 U
P Endosulfan sulfate	UG/KG	3.8000 U	3.6000 U	3.4000 U	340.0000 U	3.7000 U	370.0000 U
P Endrin	UG/KG	3.8000 U	3.6000 U	3.4000 U	340.0000 U	3.7000 U	370.0000 U
P Endrin aldehyde	UG/KG	3.8000 U	3.6000 U	3.4000 U	340.0000 U	3.7000 U	370.0000 U
P Endrin ketone	UG/KG	3.8000 U	3.6000 U	26.0000	340.0000 U	25.0000 J	370.0000 U
P Heptachlor	UG/KG	2.0000 U	1.9000 U	1.7000 U	170.0000 U	1.9000 U	190.0000 U
P Heptachlor epoxide	UG/KG	2.0000 U	1.9000 U	1.7000 U	170.0000 U	1.9000 U	190.0000 U
P Methoxychlor	UG/KG	20.0000 U	19.0000 U	17.0000 U	1700.0000 U	19.0000 U	1900.0000 U
P Toxaphene	UG/KG	200.0000 U	190.0000 U	170.0000 U	17000.0000 U	190.0000 U	19000.0000 U
P alpha-BHC	UG/KG	2.0000 U	1.9000 U	1.7000 U	170.0000 U	1.9000 U	190.0000 U
P alpha-Chlordane	UG/KG	2.0000 U	1.9000 U	1.7000 U	170.0000 U	1.9000 U	190.0000 U
P beta-BHC	UG/KG	2.0000 U	1.9000 U	1.7000 U	170.0000 U	1.9000 U	190.0000 U
P delta-BHC	UG/KG	2.0000 U	1.9000 U	1.7000 U	170.0000 U	1.9000 U	190.0000 U
P gamma-BHC (Lindane)	UG/KG	2.0000 U	1.9000 U	1.7000 U	170.0000 U	1.9000 U	190.0000 U
P gamma-Chlordane	UG/KG	2.0000 U	1.9000 U	0.3800 J	170.0000 U	1.9000 U	190.0000 U
S 1,2,4-Trichlorobenzene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 1,2-Dichlorobenzene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 1,3-Dichlorobenzene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 1,4-Dichlorobenzene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 2,4,5-Trichlorophenol	UG/KG	930.0000 U	880.0000 U	820.0000 U	.	890.0000 U	.
S 2,4,6-Trichlorophenol	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 2,4-Dichlorophenol	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 2,4-Dimethylphenol	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 2,4-Dinitrophenol	UG/KG	930.0000 U	880.0000 U	820.0000 U	.	890.0000 U	.
S 2,4-Dinitrotoluene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 2,6-Dinitrotoluene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 2-Chloronaphthalene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0101	29S0101D	29S0103	29S0103DL	29S0105	29S0105DL
	LAB ID:	1799.0	1800.7	1801.5	1801.5DL	1798.1	
	LAB RCVD:	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94
PARAMETER	UNITS						
S 2-Chlorophenol	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 2-Methylnaphthalene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 2-Methylphenol	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 2-Nitroaniline	UG/KG	930.0000 U	880.0000 U	820.0000 U	.	890.0000 U	.
S 2-Nitrophenol	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 3,3'-Dichlorobenzidine	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 3-Nitroaniline	UG/KG	930.0000 U	880.0000 U	820.0000 U	.	890.0000 U	.
S 4,6-Dinitro-2-methylphenol	UG/KG	930.0000 U	880.0000 U	820.0000 U	.	890.0000 U	.
S 4-Bromophenyl-phenylether	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 4-Chloro-3-methylphenol	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 4-Chloroaniline	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 4-Chlorophenyl-phenylether	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 4-Methylphenol	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S 4-Nitroaniline	UG/KG	930.0000 U	880.0000 U	820.0000 U	.	890.0000 U	.
S 4-Nitrophenol	UG/KG	930.0000 U	880.0000 U	820.0000 U	.	890.0000 U	.
S Acenaphthene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Acenaphthylene	UG/KG	380.0000 U	360.0000 U	53.0000 J	.	370.0000 U	.
S Anthracene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Benzo(a)anthracene	UG/KG	380.0000 U	360.0000 U	110.0000 J	.	370.0000 U	.
S Benzo(a)pyrene	UG/KG	380.0000 U	360.0000 U	120.0000 J	.	370.0000 U	.
S Benzo(b)fluoranthene	UG/KG	380.0000 U	360.0000 U	140.0000 J	.	54.0000 J	.
S Benzo(g,h,i)perylene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Benzo(k)fluoranthene	UG/KG	380.0000 U	360.0000 U	97.0000 J	.	370.0000 U	.
S Butylbenzylphthalate	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Carbazole	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Chrysene	UG/KG	380.0000 U	360.0000 U	100.0000 J	.	370.0000 U	.
S Di-n-butylphthalate	UG/KG	52.0000 U	70.0000 J	46.0000 U	.	170.0000 U	.
S Di-n-octylphthalate	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Dibenz(a,h)anthracene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Dibenzofuran	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Diethylphthalate	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Dimethylphthalate	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0101	29S0101D	29S0103	29S0103DL	29S0105	29S0105DL
	LAB ID:	1799.0	1800.7	1801.5	1801.5DL	1798.1	
	LAB RCVD:	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94
PARAMETER	UNITS						
S Fluoranthene	UG/KG	380.0000 U	360.0000 U	120.0000 J	.	65.0000 J	.
S Fluorene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Hexachlorobenzene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Hexachlorobutadiene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Hexachlorocyclopentadiene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Hexachloroethane	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Indeno(1,2,3-cd)pyrene	UG/KG	380.0000 U	360.0000 U	55.0000 J	.	370.0000 U	.
S Isophorone	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S N-Nitroso-di-n-propylamine	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S N-Nitrosodiphenylamine	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Naphthalene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Nitrobenzene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Pentachlorophenol	UG/KG	930.0000 U	880.0000 U	820.0000 U	.	890.0000 U	.
S Phenanthrene	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Phenol	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S Pyrene	UG/KG	380.0000 U	360.0000 U	68.0000 J	.	38.0000 J	.
S bis(2-Chloroethoxy)methane	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S bis(2-Ethlyhexy)phthalate	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S bis(2-chloroethyl)ether	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
S bis(2-chloroisopropyl)ether	UG/KG	380.0000 U	360.0000 U	340.0000 U	.	370.0000 U	.
V 1,1,1-Trichloroethane	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	5.0000 J	56.0000 U
V 1,1,2,2-Tetrachloroethane	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V 1,1,2-Trichloroethane	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V 1,1-Dichloroethane	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V 1,1-Dichloroethene	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V 1,2-Dichloroethane	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V 1,2-Dichloroethene (total)	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V 1,2-Dichloropropane	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V 2-Butanone	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V 2-Hexanone	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V 4-Methyl-2-Pentanone	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V Acetone	UG/KG	34.0000 U	71.0000 U	150.0000 U	.	240.0000 U	160.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0101	29S0101D	29S0103	29S0103DL	29S0105	29S0105DL
	LAB ID:				1801.5DL		
	LAB RCVD:	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94	02/03/94
PARAMETER	UNITS						
V Benzene	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V Bromodichloromethane	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V Bromoform	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V Bromomethane	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V Carbon Disulfide	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V Carbon Tetrachloride	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V Chlorobenzene	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V Chloroethane	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V Chloroform	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V Chloromethane	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V Dibromochloromethane	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V Ethylbenzene	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V Methylene Chloride	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	4.0000 U	56.0000 U
V Styrene	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V Tetrachloroethene	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	3.0000 J	56.0000 U
V Toluene	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V Trichloroethene	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V Vinyl Chloride	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V Xylene (total)	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V cis-1,3-Dichloropropene	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U
V trans-1,3-Dichloropropene	UG/KG	12.0000 U	11.0000 U	10.0000 U	.	11.0000 U	56.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0201	29S0203	29S0205	29S0301	29S0301D	29S0301DRE
	LAB ID:						1891.0RE
	LAB RCVD:	02/03/94	02/03/94	02/03/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
I Aluminum	MG/KG	948.0000	875.0000	206.0000 U	1040.0000	1050.0000	.
I Antimony	MG/KG	7.4000 UJ	7.3000 UJ	8.3000 UJ	7.3000 UJ	7.4000 UJ	.
I Arsenic	MG/KG	0.8300 U	0.8100 U	0.9200 U	0.8200 U	0.8200 U	.
I Barium	MG/KG	3.4000 U	3.8000 U	1.2000 U	1.5000 U	1.7000 U	.
I Beryllium	MG/KG	0.6200 U	0.6100 U	0.6900 U	0.6100 U	0.6200 U	.
I Cadmium	MG/KG	1.0000 U	1.0000 U	1.1000 U	1.0000 U	1.0000 U	.
I Calcium	MG/KG	3060.0000	298.0000 U	227.0000 U	312.0000 U	327.0000 U	.
I Chromium	MG/KG	2.9000	10.8000	25.5000	2.6000	2.6000	.
I Cobalt	MG/KG	1.2000 U	1.2000 U	1.4000 U	1.2000 U	1.2000 U	.
I Copper	MG/KG	5.1000 U	2.5000 U	1.2000 U	1.3000 U	1.4000 U	.
I Cyanide	MG/KG	1.2000 U	1.2000 U	1.3000 U	1.2000 U	1.2000 U	.
I Iron	MG/KG	598.0000	603.0000	361.0000	558.0000	543.0000	.
I Lead	MG/KG	3.2000	10.3000	3.8000	4.1000	3.7000	.
I Magnesium	MG/KG	195.0000	43.7000	21.9000 U	35.8000	38.7000	.
I Manganese	MG/KG	13.8000 U	25.5000 U	6.2000 U	10.9000 U	10.5000 U	.
I Mercury	MG/KG	0.1000 U	0.1000 U	0.1100 U	0.1000 U	0.1000 U	.
I Nickel	MG/KG	3.1000 U	3.0000 U	3.6000	3.1000 U	3.1000 U	.
I Potassium	MG/KG	344.0000 U	207.0000 U	175.0000 U	100.0000 U	143.0000 U	.
I Selenium	MG/KG	1.2000 J	1.7000 J	1.3000 J	1.0000 UJ	1.0000 UJ	.
I Silver	MG/KG	1.2000 U	1.2000 U	1.4000 U	1.2000 U	1.2000 U	.
I Sodium	MG/KG	1.9000 U	1.8000 U	2.1000 U	1.8000 U	1.9000 U	.
I Thallium	MG/KG	1.7000 U	1.6000 U	1.8000 U	1.6000 U	1.6000 U	.
I Vanadium	MG/KG	1.2000 U	1.5000	1.4000 U	1.2000 U	1.2000	.
I Zinc	MG/KG	6.0000	10.4000	4.4000	3.4000	3.9000	.
P 4,4'-DDD	UG/KG	3.4000 U	3.4000 U	3.8000 U	3.3000 U	3.4000 U	.
P 4,4'-DDE	UG/KG	3.4000 U	1.3000 J	3.8000 U	3.3000 U	3.4000 U	.
P 4,4'-DDT	UG/KG	3.4000 U	5.0000	3.8000 U	3.3000 U	3.4000 U	.
P Aldrin	UG/KG	1.8000 U	1.7000 U	2.0000 U	1.7000 U	1.8000 U	.
P Aroclor 1016	UG/KG	34.0000 U	34.0000 U	38.0000 U	33.0000 U	34.0000 U	.
P Aroclor 1221	UG/KG	69.0000 U	68.0000 U	77.0000 U	68.0000 U	69.0000 U	.
P Aroclor 1232	UG/KG	34.0000 U	34.0000 U	38.0000 U	33.0000 U	34.0000 U	.

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	29S0201 / 1797.3 / 02/03/94	29S0203 / 1796.5 / 02/03/94	29S0205 / 1795.7 / 02/03/94	29S0301 / 1890.2 / 02/04/94	29S0301D / 1891.0 / 02/04/94	29S0301DRE / 1891.0RE / 02/04/94
P Aroclor 1242	UG/KG	34.0000 U	34.0000 U	38.0000 U	33.0000 U	34.0000 U	.
P Aroclor 1248	UG/KG	34.0000 U	34.0000 U	38.0000 U	33.0000 U	34.0000 U	.
P Aroclor 1254	UG/KG	34.0000 U	34.0000 U	38.0000 U	33.0000 U	34.0000 U	.
P Aroclor 1260	UG/KG	34.0000 U	34.0000 U	38.0000 U	33.0000 U	34.0000 U	.
P Dieldrin	UG/KG	3.4000 U	3.4000 U	3.8000 U	1.7000 J	1.7000 J	.
P Endosulfan I	UG/KG	1.8000 U	1.7000 U	2.0000 U	1.7000 U	1.8000 U	.
P Endosulfan II	UG/KG	3.4000 U	3.4000 U	3.8000 U	3.3000 U	3.4000 U	.
P Endosulfan sulfate	UG/KG	3.4000 U	3.4000 U	3.8000 U	3.3000 U	3.4000 U	.
P Endrin	UG/KG	3.4000 U	3.4000 U	3.8000 U	3.3000 U	3.4000 U	.
P Endrin aldehyde	UG/KG	3.4000 U	3.4000 U	3.8000 U	3.3000 U	3.4000 U	.
P Endrin ketone	UG/KG	3.4000 U	3.4000 U	3.8000 U	3.3000 U	3.4000 U	.
P Heptachlor	UG/KG	1.8000 U	1.7000 U	2.0000 U	1.7000 U	1.8000 U	.
P Heptachlor epoxide	UG/KG	1.8000 U	1.7000 U	2.0000 U	1.7000 U	1.8000 U	.
P Methoxychlor	UG/KG	18.0000 U	17.0000 U	20.0000 U	17.0000 U	18.0000 U	.
P Toxaphene	UG/KG	180.0000 U	170.0000 U	200.0000 U	170.0000 U	180.0000 U	.
P alpha-BHC	UG/KG	1.8000 U	1.7000 U	2.0000 U	1.7000 U	1.8000 U	.
P alpha-Chlordane	UG/KG	1.8000 U	1.7000 U	2.0000 U	1.7000 U	1.8000 U	.
P beta-BHC	UG/KG	1.8000 U	1.7000 U	2.0000 U	1.7000 U	1.8000 U	.
P delta-BHC	UG/KG	1.8000 U	1.7000 U	2.0000 U	1.7000 U	1.8000 U	.
P gamma-BHC (Lindane)	UG/KG	1.8000 U	1.7000 U	2.0000 U	1.7000 U	1.8000 U	.
P gamma-Chlordane	UG/KG	1.8000 U	1.7000 U	2.0000 U	1.7000 U	1.8000 U	.
S 1,2,4-Trichlorobenzene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 1,2-Dichlorobenzene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 1,3-Dichlorobenzene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 1,4-Dichlorobenzene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 2,4,5-Trichlorophenol	UG/KG	820.0000 U	820.0000 U	920.0000 U	820.0000 U	820.0000 U	820.0000 U
S 2,4,6-Trichlorophenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 2,4-Dichlorophenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 2,4-Dimethylphenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 2,4-Dinitrophenol	UG/KG	820.0000 U	820.0000 U	920.0000 U	820.0000 U	820.0000 U	820.0000 U
S 2,4-Dinitrotoluene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 2,6-Dinitrotoluene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0201	29S0203	29S0205	29S0301	29S0301D	29S0301DRE
	LAB ID:	1797.3	1796.5	1795.7	1890.2	1891.0	1891.0RE
	LAB RCVD:	02/03/94	02/03/94	02/03/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 2-Chlorophenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 2-Methylnaphthalene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 2-Methylphenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 2-Nitroaniline	UG/KG	820.0000 U	820.0000 U	920.0000 U	820.0000 U	820.0000 U	820.0000 U
S 2-Nitrophenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 3,3'-Dichlorobenzidine	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 3-Nitroaniline	UG/KG	820.0000 U	820.0000 U	920.0000 U	820.0000 U	820.0000 U	820.0000 U
S 4,6-Dinitro-2-methylphenol	UG/KG	820.0000 U	820.0000 U	920.0000 U	820.0000 U	820.0000 U	820.0000 U
S 4-Bromophenyl-phenylether	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 4-Chloro-3-methylphenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 4-Chloroaniline	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 4-Chlorophenyl-phenylether	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 4-Methylphenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S 4-Nitroaniline	UG/KG	820.0000 U	820.0000 U	920.0000 U	820.0000 U	820.0000 U	820.0000 U
S 4-Nitrophenol	UG/KG	820.0000 U	820.0000 U	920.0000 U	820.0000 U	820.0000 U	820.0000 U
S Acenaphthene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Acenaphthylene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Anthracene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Benzo(a)anthracene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Benzo(a)pyrene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Benzo(b)fluoranthene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Benzo(g,h,i)perylene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Benzo(k)fluoranthene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Butylbenzylphthalate	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Carbazole	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Chrysene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Di-n-butylphthalate	UG/KG	89.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Di-n-octylphthalate	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Dibenz(a,h)anthracene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Dibenzofuran	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Diethylphthalate	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0201	29S0203	29S0205	29S0301	29S0301D	29S0301DRE
	LAB ID:	1797.3	1796.5	1795.7	1890.2	1891.0	1891.0RE
	LAB RCVD:	02/03/94	02/03/94	02/03/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
S Dimethylphthalate	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Fluoranthene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Fluorene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Hexachlorobenzene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Hexachlorobutadiene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Hexachlorocyclopentadiene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Hexachloroethane	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Indeno(1,2,3-cd)pyrene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Isophorone	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S N-Nitroso-di-n-propylamine	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S N-Nitrosodiphenylamine	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Naphthalene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Nitrobenzene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Pentachlorophenol	UG/KG	820.0000 U	820.0000 U	920.0000 U	820.0000 U	820.0000 U	820.0000 U
S Phenanthrene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Phenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S Pyrene	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S bis(2-Chloroethoxy)methane	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S bis(2-Ethlyhexy)phthalate	UG/KG	340.0000 U	340.0000 U	380.0000 U	44.0000 U	340.0000 U	340.0000 U
S bis(2-chloroethyl)ether	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
S bis(2-chloroisopropyl)ether	UG/KG	340.0000 U	340.0000 U	380.0000 U	340.0000 U	340.0000 U	340.0000 U
V 1,1,1-Trichloroethane	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V 1,1,2,2-Tetrachloroethane	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V 1,1,2-Trichloroethane	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V 1,1-Dichloroethane	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V 1,1-Dichloroethene	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V 1,2-Dichloroethane	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V 1,2-Dichloroethene (total)	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V 1,2-Dichloropropane	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V 2-Butanone	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V 2-Hexanone	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V 4-Methyl-2-Pentanone	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	29S0201	29S0203	29S0205	29S0301	29S0301D	29S0301DRE
	LAB ID:						1891.0RE
	LAB RCVD:	02/03/94	02/03/94	02/03/94	02/04/94	02/04/94	02/04/94
V Acetone	UG/KG	14.0000 U	34.0000 U	8.0000 U	120.0000 U	93.0000 U	.
V Benzene	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Bromodichloromethane	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Bromoform	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Bromomethane	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Carbon Disulfide	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Carbon Tetrachloride	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Chlorobenzene	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Chloroethane	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Chloroform	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Chloromethane	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Dibromochloromethane	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Ethylbenzene	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Methylene Chloride	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Styrene	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Tetrachloroethene	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Toluene	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Trichloroethene	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Vinyl Chloride	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V Xylene (total)	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V cis-1,3-Dichloropropene	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.
V trans-1,3-Dichloropropene	UG/KG	10.0000 U	10.0000 U	11.0000 U	10.0000 U	10.0000 U	.

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0303	29S0303RE	29S0305	29S0305RE	29S0401	29S0403
	LAB ID:		1892.9RE		1893.7RE		
	LAB RCVD:	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
I Aluminum	MG/KG	310.0000 U	.	198.0000 U	.	1820.0000 J	8660.0000 J
I Antimony	MG/KG	7.4000 UJ	.	8.3000 UJ	.	7.4000 UJ	8.1000 UJ
I Arsenic	MG/KG	0.8200 U	.	0.9200 U	.	0.8200 U	1.9000 U
I Barium	MG/KG	0.7000 U	.	0.4600 U	.	3.7000 J	14.6000 J
I Beryllium	MG/KG	0.6200 U	.	0.6900 U	.	0.6100 U	0.6700 U
I Cadmium	MG/KG	1.0000 U	.	1.1000 U	.	1.0000 U	1.1000 U
I Calcium	MG/KG	265.0000 U	.	156.0000 U	.	885.0000	527.0000
I Chromium	MG/KG	8.3000	.	45.9000	.	2.9000 J	8.6000 J
I Cobalt	MG/KG	1.2000 U	.	1.4000 U	.	1.2000 U	1.3000 U
I Copper	MG/KG	0.6900 U	.	1.2000 U	.	1.7000 UJ	5.0000 U
I Cyanide	MG/KG	1.2000 U	.	1.4000 U	.	1.3000 U	1.4000 U
I Iron	MG/KG	266.0000	.	404.0000	.	939.0000 J	3550.0000 J
I Lead	MG/KG	1.6000	.	1.2000	.	9.9000	17.7000
I Magnesium	MG/KG	23.0000	.	18.8000	.	64.4000 U	101.0000
I Manganese	MG/KG	5.3000 U	.	5.7000 U	.	33.6000	168.0000
I Mercury	MG/KG	0.1000 U	.	0.1100 U	.	0.1000 U	0.1000 U
I Nickel	MG/KG	3.1000 U	.	6.7000	.	3.1000 U	3.4000 U
I Potassium	MG/KG	96.6000 U	.	137.0000 U	.	144.0000	105.0000 U
I Selenium	MG/KG	1.0000 UJ	.	1.1000 UJ	.	1.0000 U	1.1000 U
I Silver	MG/KG	1.2000 U	.	1.4000 U	.	1.2000 UJ	1.3000 UJ
I Sodium	MG/KG	1.9000 U	.	2.1000 U	.	31.8000	18.7000
I Thallium	MG/KG	1.6000 U	.	1.8000 U	.	1.6000 U	1.8000 U
I Vanadium	MG/KG	1.2000 U	.	1.4000 U	.	2.7000 J	11.9000 J
I Zinc	MG/KG	1.9000	.	2.6000	.	5.0000 U	8.5000 U
P 4,4'-DDD	UG/KG	3.4000 U	.	3.8000 U	.	3.4000 U	3.7000 U
P 4,4'-DDE	UG/KG	3.4000 U	.	3.8000 U	.	1.1000 J	3.7000 U
P 4,4'-DDT	UG/KG	3.4000 U	.	3.8000 U	.	5.9000	2.9000 J
P Aldrin	UG/KG	1.7000 U	.	2.0000 U	.	1.7000 U	1.9000 U
P Aroclor 1016	UG/KG	34.0000 U	.	38.0000 U	.	34.0000 U	37.0000 U
P Aroclor 1221	UG/KG	69.0000 U	.	77.0000 U	.	68.0000 U	75.0000 U
P Aroclor 1232	UG/KG	34.0000 U	.	38.0000 U	.	34.0000 U	37.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	UNITS	29S0303	29S0303RE	29S0305	29S0305RE	29S0401	29S0403
ENSAFE ID:		29S0303	29S0303RE	29S0305	29S0305RE	29S0401	29S0403
LAB ID:		1892.9	1892.9RE	1893.7	1893.7RE	1898.8	1899.6
LAB RCVD:		02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
P Aroclor 1242	UG/KG	34.0000 U	.	38.0000 U	.	34.0000 U	37.0000 U
P Aroclor 1248	UG/KG	34.0000 U	.	38.0000 U	.	34.0000 U	37.0000 U
P Aroclor 1254	UG/KG	34.0000 U	.	38.0000 U	.	34.0000 U	37.0000 U
P Aroclor 1260	UG/KG	34.0000 U	.	38.0000 U	.	34.0000 U	37.0000 U
P Dieldrin	UG/KG	3.4000 U	.	3.8000 U	.	0.8300 J	3.7000 U
P Endosulfan I	UG/KG	1.7000 U	.	2.0000 U	.	1.7000 U	1.9000 U
P Endosulfan II	UG/KG	3.4000 U	.	3.8000 U	.	3.4000 U	3.7000 U
P Endosulfan sulfate	UG/KG	3.4000 U	.	3.8000 U	.	3.4000 U	3.7000 U
P Endrin	UG/KG	3.4000 U	.	3.8000 U	.	3.4000 U	3.7000 U
P Endrin aldehyde	UG/KG	3.4000 U	.	3.8000 U	.	3.4000 U	3.7000 U
P Endrin ketone	UG/KG	3.4000 U	.	3.8000 U	.	3.4000 U	3.7000 U
P Heptachlor	UG/KG	1.7000 U	.	2.0000 U	.	1.7000 U	1.9000 U
P Heptachlor epoxide	UG/KG	1.7000 U	.	2.0000 U	.	1.7000 U	1.9000 U
P Methoxychlor	UG/KG	17.0000 U	.	20.0000 U	.	17.0000 U	19.0000 U
P Toxaphene	UG/KG	170.0000 U	.	200.0000 U	.	170.0000 U	190.0000 U
P alpha-BHC	UG/KG	1.7000 U	.	2.0000 U	.	1.7000 U	1.9000 U
P alpha-Chlordane	UG/KG	1.7000 U	.	2.0000 U	.	1.7000 U	1.9000 U
P beta-BHC	UG/KG	1.7000 U	.	2.0000 U	.	1.7000 U	1.9000 U
P delta-BHC	UG/KG	1.7000 U	.	2.0000 U	.	1.7000 U	1.9000 U
P gamma-BHC (Lindane)	UG/KG	1.7000 U	.	2.0000 U	.	1.7000 U	1.9000 U
P gamma-Chlordane	UG/KG	1.7000 U	.	2.0000 U	.	1.7000 U	1.9000 U
S 1,2,4-Trichlorobenzene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 1,2-Dichlorobenzene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 1,3-Dichlorobenzene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 1,4-Dichlorobenzene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 2,4,5-Trichlorophenol	UG/KG	820.0000 U	820.0000 U	910.0000 U	910.0000 U	810.0000 U	900.0000 U
S 2,4,6-Trichlorophenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 2,4-Dichlorophenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 2,4-Dimethylphenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 2,4-Dinitrophenol	UG/KG	820.0000 U	820.0000 U	910.0000 U	910.0000 U	810.0000 U	900.0000 U
S 2,4-Dinitrotoluene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 2,6-Dinitrotoluene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0303	29S0303RE	29S0305	29S0305RE	29S0401	29S0403
	LAB ID:	1892.9	1892.9RE	1893.7	1893.7RE	1898.8	1899.6
	LAB RCVD:	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 2-Chlorophenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 2-Methylnaphthalene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 2-Methylphenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 2-Nitroaniline	UG/KG	820.0000 U	820.0000 U	910.0000 U	910.0000 U	810.0000 U	900.0000 U
S 2-Nitrophenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 3,3'-Dichlorobenzidine	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 3-Nitroaniline	UG/KG	820.0000 U	820.0000 U	910.0000 U	910.0000 U	810.0000 U	900.0000 U
S 4,6-Dinitro-2-methylphenol	UG/KG	820.0000 U	820.0000 U	910.0000 U	910.0000 U	810.0000 U	900.0000 U
S 4-Bromophenyl-phenylether	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 4-Chloro-3-methylphenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 4-Chloroaniline	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 UJ	370.0000 UJ
S 4-Chlorophenyl-phenylether	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 4-Methylphenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S 4-Nitroaniline	UG/KG	820.0000 U	820.0000 U	910.0000 U	910.0000 U	810.0000 U	900.0000 U
S 4-Nitrophenol	UG/KG	820.0000 U	820.0000 U	910.0000 U	910.0000 U	810.0000 U	900.0000 U
S Acenaphthene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Acenaphthylene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Anthracene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Benzo(a)anthracene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Benzo(a)pyrene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Benzo(b)fluoranthene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Benzo(g,h,i)perylene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Benzo(k)fluoranthene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Butylbenzylphthalate	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Carbazole	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Chrysene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Di-n-butylphthalate	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Di-n-octylphthalate	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Dibenz(a,h)anthracene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Dibenzofuran	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Diethylphthalate	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0303	29S0303RE	29S0305	29S0305RE	29S0401	29S0403
	LAB ID:	1892.9	1892.9RE	1893.7	1893.7RE	1898.8	1899.6
	LAB RCVD:	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
S Dimethylphthalate	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Fluoranthene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	39.0000 J
S Fluorene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Hexachlorobenzene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Hexachlorobutadiene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Hexachlorocyclopentadiene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Hexachloroethane	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Indeno(1,2,3-cd)pyrene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Isophorone	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S N-Nitroso-di-n-propylamine	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S N-Nitrosodiphenylamine	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Naphthalene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Nitrobenzene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Pentachlorophenol	UG/KG	820.0000 U	820.0000 U	910.0000 U	910.0000 U	810.0000 U	900.0000 U
S Phenanthrene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Phenol	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S Pyrene	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S bis(2-Chloroethoxy)methane	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S bis(2-Ethlyhexy)phthalate	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S bis(2-chloroethyl)ether	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
S bis(2-chloroisopropyl)ether	UG/KG	340.0000 U	340.0000 U	380.0000 U	380.0000 U	330.0000 U	370.0000 U
V 1,1,1-Trichloroethane	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V 1,1,2,2-Tetrachloroethane	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V 1,1,2-Trichloroethane	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V 1,1-Dichloroethane	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V 1,1-Dichloroethene	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V 1,2-Dichloroethane	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V 1,2-Dichloroethene (total)	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V 1,2-Dichloropropane	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V 2-Butanone	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V 2-Hexanone	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V 4-Methyl-2-Pentanone	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0303	29S0303RE	29S0305	29S0305RE	29S0401	29S0403
	LAB ID:		1892.9RE		1893.7RE		
	LAB RCVD:	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
V Acetone	UG/KG	88.0000 U	.	140.0000 U	.	130.0000 U	960.0000 J
V Benzene	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V Bromodichloromethane	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V Bromoform	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V Bromomethane	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V Carbon Disulfide	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V Carbon Tetrachloride	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V Chlorobenzene	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V Chloroethane	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V Chloroform	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V Chloromethane	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V Dibromochloromethane	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V Ethylbenzene	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V Methylene Chloride	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V Styrene	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V Tetrachloroethene	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V Toluene	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	4.0000 J
V Trichloroethene	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V Vinyl Chloride	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V Xylene (total)	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V cis-1,3-Dichloropropene	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ
V trans-1,3-Dichloropropene	UG/KG	10.0000 U	.	11.0000 U	.	10.0000 U	11.0000 UJ

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0403DL	29S0405	29S0405RE	29S0501	29S0501DL	29S0501MS
	LAB ID:						
	LAB RCVD:	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
		.	.	.	.	.	.
I Aluminum	MG/KG	.	2640.0000 J	.	2010.0000 J	.	.
I Antimony	MG/KG	.	8.7000 UJ	.	7.4000 UJ	.	.
I Arsenic	MG/KG	.	0.9600 U	.	1.2000 U	.	.
I Barium	MG/KG	.	2.8000 U	.	3.8000 J	.	.
I Beryllium	MG/KG	.	0.7200 U	.	0.6100 U	.	.
I Cadmium	MG/KG	.	1.2000 U	.	1.0000 U	.	.
I Calcium	MG/KG	.	361.0000	.	1490.0000	.	.
I Chromium	MG/KG	.	4.9000 J	.	3.4000 J	.	.
I Cobalt	MG/KG	.	1.4000 U	.	1.2000 U	.	.
I Copper	MG/KG	.	1.4000 UJ	.	2.5000 UJ	.	.
I Cyanide	MG/KG	.	1.5000 U	.	1.3000 U	.	.
I Iron	MG/KG	.	988.0000 J	.	1040.0000 J	.	.
I Lead	MG/KG	.	13.3000	.	15.3000	.	.
I Magnesium	MG/KG	.	53.4000 U	.	72.4000 U	.	.
I Manganese	MG/KG	.	14.5000 UJ	.	58.6000	.	.
I Mercury	MG/KG	.	0.1100 U	.	0.1000 U	.	.
I Nickel	MG/KG	.	3.6000 U	.	3.1000 U	.	.
I Potassium	MG/KG	.	113.0000 U	.	96.0000 U	.	.
I Selenium	MG/KG	.	1.2000 U	.	1.0000 U	.	.
I Silver	MG/KG	.	1.4000 UJ	.	1.2000 UJ	.	.
I Sodium	MG/KG	.	14.6000 U	.	17.4000	.	.
I Thallium	MG/KG	.	1.9000 U	.	1.6000 U	.	.
I Vanadium	MG/KG	.	3.0000 J	.	3.4000 J	.	.
I Zinc	MG/KG	.	6.9000 U	.	6.4000 U	.	.
P 4,4'-DDD	UG/KG	.	4.1000	.	3.4000 U	.	3.4000 U
P 4,4'-DDE	UG/KG	.	1.4000 J	.	3.4000 U	.	0.7000 J
P 4,4'-DDT	UG/KG	.	0.9900 J	.	3.4000 U	.	32.0000
P Aldrin	UG/KG	.	2.0000 U	.	1.7000 U	.	15.0000
P Aroclor 1016	UG/KG	.	40.0000 U	.	34.0000 U	.	34.0000 U
P Aroclor 1221	UG/KG	.	80.0000 U	.	68.0000 U	.	68.0000 U
P Aroclor 1232	UG/KG	.	40.0000 U	.	34.0000 U	.	34.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0403DL	29S0405	29S0405RE	29S0501	29S0501DL	29S0501MS
	LAB ID:		1900.3		1896.1		1896.1MS
	LAB RCVD:	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
P Aroclor 1242	UG/KG	.	40.0000 U	.	34.0000 U	.	34.0000 U
P Aroclor 1248	UG/KG	.	40.0000 U	.	34.0000 U	.	34.0000 U
P Aroclor 1254	UG/KG	.	40.0000 U	.	34.0000 U	.	34.0000 U
P Aroclor 1260	UG/KG	.	40.0000 U	.	34.0000 U	.	34.0000 U
P Dieldrin	UG/KG	.	4.0000 U	.	3.4000 U	.	31.0000
P Endosulfan I	UG/KG	.	2.0000 U	.	1.7000 U	.	1.7000 U
P Endosulfan II	UG/KG	.	4.0000 U	.	3.4000 U	.	3.4000 U
P Endosulfan sulfate	UG/KG	.	4.0000 U	.	3.4000 U	.	3.4000 U
P Endrin	UG/KG	.	4.0000 U	.	3.4000 U	.	31.0000
P Endrin aldehyde	UG/KG	.	4.0000 U	.	3.4000 U	.	3.4000 U
P Endrin ketone	UG/KG	.	4.0000 U	.	3.4000 U	.	3.4000 U
P Heptachlor	UG/KG	.	2.0000 U	.	1.7000 U	.	14.0000
P Heptachlor epoxide	UG/KG	.	2.0000 U	.	1.7000 U	.	1.7000 U
P Methoxychlor	UG/KG	.	20.0000 U	.	17.0000 U	.	17.0000 U
P Toxaphene	UG/KG	.	200.0000 U	.	170.0000 U	.	170.0000 U
P alpha-BHC	UG/KG	.	2.0000 U	.	1.7000 U	.	1.7000 U
P alpha-Chlordane	UG/KG	.	2.0000 U	.	1.7000 U	.	1.7000 U
P beta-BHC	UG/KG	.	2.0000 U	.	1.7000 U	.	1.7000 U
P delta-BHC	UG/KG	.	2.0000 U	.	1.7000 U	.	1.7000 U
P gamma-BHC (Lindane)	UG/KG	.	2.0000 U	.	1.7000 U	.	15.0000
P gamma-Chlordane	UG/KG	.	2.0000 U	.	1.7000 U	.	1.7000 U
S 1,2,4-Trichlorobenzene	UG/KG	.	390.0000 U	.	330.0000 U	.	890.0000
S 1,2-Dichlorobenzene	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S 1,3-Dichlorobenzene	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S 1,4-Dichlorobenzene	UG/KG	.	390.0000 U	.	330.0000 U	.	850.0000
S 2,4,5-Trichlorophenol	UG/KG	.	960.0000 U	.	810.0000 U	.	810.0000 U
S 2,4,6-Trichlorophenol	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S 2,4-Dichlorophenol	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S 2,4-Dimethylphenol	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S 2,4-Dinitrophenol	UG/KG	.	960.0000 U	.	810.0000 U	.	810.0000 U
S 2,4-Dinitrotoluene	UG/KG	.	390.0000 U	.	330.0000 U	.	760.0000
S 2,6-Dinitrotoluene	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0403DL	29S0405	29S0405RE	29S0501	29S0501DL	29S0501MS
	LAB ID:		1900.3		1896.1		1896.1MS
	LAB RCVD:	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S 2-Chlorophenol	UG/KG	.	390.0000 U	.	330.0000 U	.	1700.0000
S 2-Methylnaphthalene	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S 2-Methylphenol	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S 2-Nitroaniline	UG/KG	.	960.0000 U	.	810.0000 U	.	810.0000 U
S 2-Nitrophenol	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S 3,3'-Dichlorobenzidine	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S 3-Nitroaniline	UG/KG	.	960.0000 U	.	810.0000 U	.	810.0000 U
S 4,6-Dinitro-2-methylphenol	UG/KG	.	960.0000 U	.	810.0000 U	.	810.0000 U
S 4-Bromophenyl-phenylether	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S 4-Chloro-3-methylphenol	UG/KG	.	390.0000 U	.	330.0000 U	.	1700.0000
S 4-Chloroaniline	UG/KG	.	390.0000 R	.	330.0000 UJ	.	330.0000 U
S 4-Chlorophenyl-phenylether	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S 4-Methylphenol	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S 4-Nitroaniline	UG/KG	.	960.0000 U	.	810.0000 U	.	810.0000 U
S 4-Nitrophenol	UG/KG	.	960.0000 U	.	810.0000 U	.	2000.0000
S Acenaphthene	UG/KG	.	390.0000 U	.	330.0000 U	.	1300.0000
S Acenaphthylene	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S Anthracene	UG/KG	.	390.0000 U	.	330.0000 U	.	120.0000 J
S Benzo(a)anthracene	UG/KG	.	390.0000 U	.	34.0000 J	.	200.0000 J
S Benzo(a)pyrene	UG/KG	.	390.0000 U	.	330.0000 U	.	120.0000 J
S Benzo(b)fluoranthene	UG/KG	.	58.0000 J	.	54.0000 J	.	260.0000 J
S Benzo(g,h,i)perylene	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S Benzo(k)fluoranthene	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S Butylbenzylphthalate	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S Carbazole	UG/KG	.	390.0000 U	.	330.0000 U	.	58.0000 J
S Chrysene	UG/KG	.	390.0000 U	.	44.0000 J	.	220.0000 J
S Di-n-butylphthalate	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S Di-n-octylphthalate	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S Dibenz(a,h)anthracene	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S Dibenzofuran	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S Diethylphthalate	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0403DL	29S0405	29S0405RE	29S0501	29S0501DL	29S0501MS
	LAB ID:		1900.3		1896.1		1896.1MS
	LAB RCVD:	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
S Dimethylphthalate	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S Fluoranthene	UG/KG	.	74.0000 J	.	93.0000 J	.	750.0000
S Fluorene	UG/KG	.	390.0000 U	.	330.0000 U	.	48.0000 J
S Hexachlorobenzene	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S Hexachlorobutadiene	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S Hexachlorocyclopentadiene	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S Hexachloroethane	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S Indeno(1,2,3-cd)pyrene	UG/KG	.	390.0000 U	.	330.0000 U	.	78.0000 J
S Isophorone	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S N-Nitroso-di-n-propylamine	UG/KG	.	390.0000 U	.	330.0000 U	.	840.0000
S N-Nitrosodiphenylamine	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S Naphthalene	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S Nitrobenzene	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S Pentachlorophenol	UG/KG	.	960.0000 U	.	810.0000 U	.	1100.0000
S Phenanthrene	UG/KG	.	390.0000 U	.	38.0000 J	.	490.0000
S Phenol	UG/KG	.	390.0000 U	.	330.0000 U	.	1600.0000
S Pyrene	UG/KG	.	61.0000 J	.	74.0000 J	.	1300.0000
S bis(2-Chloroethoxy)methane	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S bis(2-Ethlyhexy)phthalate	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S bis(2-chloroethyl)ether	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
S bis(2-chloroisopropyl)ether	UG/KG	.	390.0000 U	.	330.0000 U	.	330.0000 U
V 1,1,1-Trichloroethane	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V 1,1,2,2-Tetrachloroethane	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V 1,1,2-Trichloroethane	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V 1,1-Dichloroethane	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V 1,1-Dichloroethene	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	310.0000
V 1,2-Dichloroethane	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V 1,2-Dichloroethene (total)	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V 1,2-Dichloropropane	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V 2-Butanone	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V 2-Hexanone	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V 4-Methyl-2-Pentanone	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0403DL	29S0405	29S0405RE	29S0501	29S0501DL	29S0501MS
	LAB ID:						
	LAB RCVD:	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
V Acetone	UG/KG	240.0000 U	180.0000 UJ	180.0000 UJ	230.0000 UJ	51.0000 U	59.0000
V Benzene	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	300.0000
V Bromodichloromethane	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V Bromoform	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V Bromomethane	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V Carbon Disulfide	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V Carbon Tetrachloride	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V Chlorobenzene	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	290.0000
V Chloroethane	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V Chloroform	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V Chloromethane	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V Dibromochloromethane	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V Ethylbenzene	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V Methylene Chloride	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V Styrene	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V Tetrachloroethene	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V Toluene	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	290.0000
V Trichloroethene	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	260.0000
V Vinyl Chloride	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V Xylene (total)	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V cis-1,3-Dichloropropene	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U
V trans-1,3-Dichloropropene	UG/KG	56.0000 U	12.0000 UJ	12.0000 UJ	10.0000 UJ	51.0000 U	51.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	29S0501MSD	29S0503	29S0601	29S0603	29S0701	29S0701D
		02/04/94	02/04/94	02/05/94	02/05/94	02/05/94	02/05/94
I Aluminum	MG/KG	.	1080.0000 J	175.0000 J	109.0000 J	3870.0000 J	8880.0000 J
I Antimony	MG/KG	.	7.8000 UJ	7.5000 UJ	8.1000 UJ	7.6000 UJ	7.7000 UJ
I Arsenic	MG/KG	.	0.8700 U	0.8300 U	0.9000 U	2.0000 U	2.8000 U
I Barium	MG/KG	.	2.1000 U	0.8000 U	0.7500 U	21.4000 J	9.8000 J
I Beryllium	MG/KG	.	0.6500 U	0.6200 U	0.6700 U	0.6300 U	0.6400 U
I Cadmium	MG/KG	.	1.1000 U	1.0000 U	1.1000 U	1.0000 U	2.8000
I Calcium	MG/KG	.	98.6000 U	571.0000	589.0000	739.0000	883.0000
I Chromium	MG/KG	.	5.3000 J	1.5000 J	5.2000 J	4.8000 J	9.9000 J
I Cobalt	MG/KG	.	1.3000 U	1.2000 U	1.3000 U	1.3000 U	1.3000 U
I Copper	MG/KG	.	1.1000 UJ	0.6200 U	0.6700 UJ	3.7000 UJ	4.9000 UJ
I Cyanide	MG/KG	.	1.4000 U	1.3000 U	1.4000 U	1.3000 U	1.3000 U
I Iron	MG/KG	.	543.0000 J	118.0000 J	109.0000	2290.0000 J	4730.0000 J
I Lead	MG/KG	.	10.4000	0.7200	0.4500 U	25.2000	44.5000
I Magnesium	MG/KG	.	16.6000 U	29.0000 U	33.4000 U	89.5000	81.8000
I Manganese	MG/KG	.	37.2000	4.4000 UJ	0.9000 UJ	71.4000	58.3000
I Mercury	MG/KG	.	0.1000 U	0.1000 U	0.0900 U	0.0900 U	0.1100 U
I Nickel	MG/KG	.	3.2000 U	3.1000 U	3.4000 U	3.1000 U	3.2000 U
I Potassium	MG/KG	.	102.0000 U	97.4000 U	105.0000 U	98.4000 U	100.0000 U
I Selenium	MG/KG	.	1.1000 U	1.0000 U	1.1000 U	1.0000 U	1.1000 U
I Silver	MG/KG	.	1.3000 UJ	1.2000 UJ	1.3000 UJ	1.3000 UJ	1.3000 UJ
I Sodium	MG/KG	.	4.6000 U	5.5000 U	12.4000 U	19.7000	14.4000 U
I Thallium	MG/KG	.	1.7000 U	1.7000 U	1.8000 U	1.7000 U	1.7000 U
I Vanadium	MG/KG	.	1.6000 J	1.2000 U	1.3000 U	6.1000 J	14.2000 J
I Zinc	MG/KG	.	1.9000 U	1.9000 U	2.0000 U	10.5000 U	24.7000 U
P 4,4'-DDD	UG/KG	3.4000 U	3.6000 U	3.4000 U	3.7000 U	3.5000 U	3.5000 U
P 4,4'-DDE	UG/KG	0.7300 J	3.6000 U	2.1000 J	3.7000 U	5.8000	7.3000
P 4,4'-DDT	UG/KG	33.0000	3.6000 U	3.4000 U	3.7000 U	5.6000	7.0000
P Aldrin	UG/KG	15.0000	1.8000 U	1.8000 U	1.9000 U	1.8000 U	1.8000 U
P Aroclor 1016	UG/KG	34.0000 U	36.0000 U	34.0000 U	37.0000 U	35.0000 U	35.0000 U
P Aroclor 1221	UG/KG	68.0000 U	72.0000 U	70.0000 U	75.0000 U	71.0000 U	72.0000 U
P Aroclor 1232	UG/KG	34.0000 U	36.0000 U	34.0000 U	37.0000 U	35.0000 U	35.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	29S0501MSD / 1896.1MSD / 02/04/94	29S0503 / 1897.0 / 02/04/94	29S0601 / 1903.8 / 02/05/94	29S0603 / 1904.6 / 02/05/94	29S0701 / 1905.4 / 02/05/94	29S0701D / 1906.2 / 02/05/94
P Aroclor 1242	UG/KG	34.0000 U	36.0000 U	34.0000 U	37.0000 U	35.0000 U	35.0000 U
P Aroclor 1248	UG/KG	34.0000 U	36.0000 U	34.0000 U	37.0000 U	35.0000 U	35.0000 U
P Aroclor 1254	UG/KG	34.0000 U	36.0000 U	34.0000 U	37.0000 U	35.0000 U	35.0000 U
P Aroclor 1260	UG/KG	34.0000 U	36.0000 U	34.0000 U	37.0000 U	35.0000 U	35.0000 U
P Dieldrin	UG/KG	33.0000	3.6000 U	3.4000 U	3.7000 U	3.4000 J	5.9000
P Endosulfan I	UG/KG	1.7000 U	1.8000 U	1.8000 U	1.9000 U	1.8000 U	1.8000 U
P Endosulfan II	UG/KG	3.4000 U	3.6000 U	3.4000 U	3.7000 U	3.5000 U	3.5000 U
P Endosulfan sulfate	UG/KG	3.4000 U	3.6000 U	3.4000 U	3.7000 U	3.5000 U	3.5000 U
P Endrin	UG/KG	32.0000	3.6000 U	3.4000 U	3.7000 U	3.5000 U	3.5000 U
P Endrin aldehyde	UG/KG	3.4000 U	3.6000 U	3.4000 U	3.7000 U	3.5000 U	3.5000 U
P Endrin ketone	UG/KG	3.4000 U	3.6000 U	3.4000 U	3.7000 U	3.5000 U	3.5000 U
P Heptachlor	UG/KG	14.0000	1.8000 U	1.8000 U	1.9000 U	1.8000 U	1.8000 U
P Heptachlor epoxide	UG/KG	1.7000 U	1.8000 U	1.8000 U	0.6100 J	1.8000 U	1.8000 U
P Methoxychlor	UG/KG	17.0000 U	18.0000 U	18.0000 U	19.0000 U	18.0000 U	18.0000 U
P Toxaphene	UG/KG	170.0000 U	180.0000 U	180.0000 U	190.0000 U	180.0000 U	180.0000 U
P alpha-BHC	UG/KG	1.7000 U	1.8000 U	1.8000 U	1.9000 U	1.8000 U	1.8000 U
P alpha-Chlordane	UG/KG	1.7000 U	1.8000 U	1.8000 U	1.9000 U	1.8000 U	1.8000 U
P beta-BHC	UG/KG	1.7000 U	1.8000 U	1.8000 U	1.9000 U	1.8000 U	1.8000 U
P delta-BHC	UG/KG	1.7000 U	1.8000 U	1.8000 U	1.9000 U	1.8000 U	1.8000 U
P gamma-BHC (Lindane)	UG/KG	15.0000	1.8000 U	1.8000 U	1.9000 U	1.8000 U	1.8000 U
P gamma-Chlordane	UG/KG	1.7000 U	1.8000 U	1.8000 U	1.9000 U	1.8000 U	0.4700 J
S 1,2,4-Trichlorobenzene	UG/KG	860.0000	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 1,2-Dichlorobenzene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 1,3-Dichlorobenzene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 1,4-Dichlorobenzene	UG/KG	830.0000	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 2,4,5-Trichlorophenol	UG/KG	820.0000 U	870.0000 U	830.0000 U	900.0000 U	840.0000 U	860.0000 U
S 2,4,6-Trichlorophenol	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 2,4-Dichlorophenol	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 2,4-Dimethylphenol	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 2,4-Dinitrophenol	UG/KG	820.0000 U	870.0000 U	830.0000 U	900.0000 U	840.0000 U	860.0000 U
S 2,4-Dinitrotoluene	UG/KG	830.0000	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 2,6-Dinitrotoluene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0501MSD	29S0503	29S0601	29S0603	29S0701	29S0701D
	LAB ID:	1896.1MSD	1897.0	1903.8	1904.6	1905.4	1906.2
	LAB RCVD:	02/04/94	02/04/94	02/05/94	02/05/94	02/05/94	02/05/94
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 2-Chlorophenol	UG/KG	1800.0000	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 2-Methylnaphthalene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 2-Methylphenol	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 2-Nitroaniline	UG/KG	820.0000 U	870.0000 U	830.0000 U	900.0000 U	840.0000 U	860.0000 U
S 2-Nitrophenol	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 3,3'-Dichlorobenzidine	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 3-Nitroaniline	UG/KG	820.0000 U	870.0000 U	830.0000 U	900.0000 U	840.0000 U	860.0000 U
S 4,6-Dinitro-2-methylphenol	UG/KG	820.0000 U	870.0000 U	830.0000 U	900.0000 U	840.0000 U	860.0000 U
S 4-Bromophenyl-phenylether	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 4-Chloro-3-methylphenol	UG/KG	1900.0000	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 4-Chloroaniline	UG/KG	340.0000 U	360.0000 UJ	340.0000 R	370.0000 R	350.0000 R	350.0000 R
S 4-Chlorophenyl-phenylether	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 4-Methylphenol	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S 4-Nitroaniline	UG/KG	820.0000 U	870.0000 U	830.0000 U	900.0000 U	840.0000 U	860.0000 U
S 4-Nitrophenol	UG/KG	1700.0000	870.0000 U	830.0000 U	900.0000 U	840.0000 U	860.0000 U
S Acenaphthene	UG/KG	1200.0000	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Acenaphthylene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Anthracene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Benzo(a)anthracene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Benzo(a)pyrene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Benzo(b)fluoranthene	UG/KG	49.0000 J	360.0000 U	340.0000 U	370.0000 U	44.0000 J	63.0000 J
S Benzo(g,h,i)perylene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Benzo(k)fluoranthene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Butylbenzylphthalate	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Carbazole	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Chrysene	UG/KG	40.0000 J	360.0000 U	340.0000 U	370.0000 U	36.0000 J	53.0000 J
S Di-n-butylphthalate	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Di-n-octylphthalate	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Dibenz(a,h)anthracene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Dibenzofuran	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Diethylphthalate	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0501MSD	29S0503	29S0601	29S0603	29S0701	29S0701D
	LAB ID:	1896.1MSD	1897.0	1903.8	1904.6	1905.4	1906.2
	LAB RCVD:	02/04/94	02/04/94	02/05/94	02/05/94	02/05/94	02/05/94
PARAMETER	UNITS						
S Dimethylphthalate	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Fluoranthene	UG/KG	100.0000 J	360.0000 U	340.0000 U	370.0000 U	56.0000 J	80.0000 J
S Fluorene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Hexachlorobenzene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Hexachlorobutadiene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Hexachlorocyclopentadiene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Hexachloroethane	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Indeno(1,2,3-cd)pyrene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Isophorone	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S N-Nitroso-di-n-propylamine	UG/KG	830.0000	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S N-Nitrosodiphenylamine	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Naphthalene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Nitrobenzene	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Pentachlorophenol	UG/KG	640.0000 J	870.0000 U	830.0000 U	900.0000 U	840.0000 U	860.0000 U
S Phenanthrene	UG/KG	62.0000 J	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Phenol	UG/KG	1700.0000	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S Pyrene	UG/KG	1000.0000	360.0000 U	340.0000 U	370.0000 U	47.0000 J	70.0000 J
S bis(2-Chloroethoxy)methane	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S bis(2-Ethlyhexy)phthalate	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	40.0000 U	350.0000 U
S bis(2-chloroethyl)ether	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
S bis(2-chloroisopropyl)ether	UG/KG	340.0000 U	360.0000 U	340.0000 U	370.0000 U	350.0000 U	350.0000 U
V 1,1,1-Trichloroethane	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,1,2,2-Tetrachloroethane	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,1,2-Trichloroethane	UG/KG	51.0000 U	11.0000 U	2.0000 J	11.0000 U	11.0000 U	11.0000 U
V 1,1-Dichloroethane	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,1-Dichloroethene	UG/KG	310.0000	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,2-Dichloroethane	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,2-Dichloroethene (total)	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,2-Dichloropropane	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 2-Butanone	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 2-Hexanone	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 4-Methyl-2-Pentanone	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0501MSD	29S0503	29S0601	29S0603	29S0701	29S0701D
	LAB ID:						
	LAB RCVD:	02/04/94	02/04/94	02/05/94	02/05/94	02/05/94	02/05/94
PARAMETER	UNITS						
V Acetone	UG/KG	31.0000 J	130.0000 U	11.0000 U	11.0000 U	410.0000 U	610.0000 J
V Benzene	UG/KG	300.0000	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Bromodichloromethane	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Bromoform	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Bromomethane	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Carbon Disulfide	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Carbon Tetrachloride	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Chlorobenzene	UG/KG	290.0000	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Chloroethane	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Chloroform	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Chloromethane	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Dibromochloromethane	UG/KG	51.0000 U	11.0000 U	2.0000 J	11.0000 U	11.0000 U	11.0000 U
V Ethylbenzene	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Methylene Chloride	UG/KG	51.0000 U	11.0000 U	10.0000 J	11.0000 U	11.0000 U	11.0000 U
V Styrene	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Tetrachloroethene	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Toluene	UG/KG	290.0000	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Trichloroethene	UG/KG	260.0000	11.0000 U	2.0000 J	11.0000 U	11.0000 U	11.0000 U
V Vinyl Chloride	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Xylene (total)	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V cis-1,3-Dichloropropene	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V trans-1,3-Dichloropropene	UG/KG	51.0000 U	11.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	29S0701DDL	29S0701DL	29S0703	29S0801	29S0801DL	29S0803
		02/05/94	02/05/94	02/05/94	02/03/94	02/03/94	02/03/94
I Aluminum	MG/KG	.	.	500.0000 J	1870.0000	.	846.0000
I Antimony	MG/KG	.	.	8.3000 UJ	7.5000 UJ	.	7.5000 UJ
I Arsenic	MG/KG	.	.	0.9900 U	0.8300 U	.	0.8300 U
I Barium	MG/KG	.	.	3.8000 J	7.6000 U	.	1.7000 U
I Beryllium	MG/KG	.	.	0.6900 U	0.6200 U	.	0.6200 U
I Cadmium	MG/KG	.	.	1.1000 U	1.0000 U	.	1.0000 U
I Calcium	MG/KG	.	.	120.0000 U	387.0000 U	.	141.0000 U
I Chromium	MG/KG	.	.	5.1000 J	2.9000	.	2.6000
I Cobalt	MG/KG	.	.	1.4000 U	1.2000 U	.	1.2000 U
I Copper	MG/KG	.	.	1.7000 UJ	4.2000 U	.	4.0000 U
I Cyanide	MG/KG	.	.	1.4000 U	1.2000 U	.	1.3000 U
I Iron	MG/KG	.	.	1080.0000 J	976.0000	.	458.0000
I Lead	MG/KG	.	.	9.3000	12.9000	.	6.6000
I Magnesium	MG/KG	.	.	30.8000 U	53.8000	.	25.2000
I Manganese	MG/KG	.	.	5.5000 UJ	22.4000 U	.	15.9000 U
I Mercury	MG/KG	.	.	0.1100 U	0.1000 U	.	0.1000 U
I Nickel	MG/KG	.	.	3.4000 U	3.1000 U	.	3.1000 U
I Potassium	MG/KG	.	.	108.0000 U	151.0000 U	.	168.0000 U
I Selenium	MG/KG	.	.	1.1000 U	1.0000 UJ	.	1.2000 J
I Silver	MG/KG	.	.	1.4000 UJ	1.2000 U	.	1.2000 U
I Sodium	MG/KG	.	.	17.0000 U	1.9000 U	.	1.9000 U
I Thallium	MG/KG	.	.	1.8000 U	1.7000 U	.	1.7000 U
I Vanadium	MG/KG	.	.	4.5000 J	1.9000	.	1.2000 U
I Zinc	MG/KG	.	.	6.5000 U	9.5000	.	5.9000
P 4,4'-DDD	UG/KG	.	.	3.8000 U	3.4000 U	.	3.4000 U
P 4,4'-DDE	UG/KG	.	.	3.8000 U	3.4000 U	.	3.4000 U
P 4,4'-DDT	UG/KG	.	.	3.8000 U	3.4000 U	.	3.4000 U
P Aldrin	UG/KG	.	.	2.0000 U	1.8000 U	.	1.7000 U
P Aroclor 1016	UG/KG	.	.	38.0000 U	34.0000 U	.	34.0000 U
P Aroclor 1221	UG/KG	.	.	77.0000 U	70.0000 U	.	69.0000 U
P Aroclor 1232	UG/KG	.	.	38.0000 U	34.0000 U	.	34.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	29S0701DDL	29S0701DL	29S0703	29S0801	29S0801DL	29S0803
	LAB ID:			1907.0	1793.0		1794.9
	LAB RCVD:	02/05/94	02/05/94	02/05/94	02/03/94	02/03/94	02/03/94
P Aroclor 1242	UG/KG	.	.	38.0000 U	34.0000 U	.	34.0000 U
P Aroclor 1248	UG/KG	.	.	38.0000 U	34.0000 U	.	34.0000 U
P Aroclor 1254	UG/KG	.	.	38.0000 U	34.0000 U	.	34.0000 U
P Aroclor 1260	UG/KG	.	.	38.0000 U	34.0000 U	.	34.0000 U
P Dieldrin	UG/KG	.	.	3.8000 U	4.4000	.	4.0000
P Endosulfan I	UG/KG	.	.	2.0000 U	1.8000 U	.	1.7000 U
P Endosulfan II	UG/KG	.	.	3.8000 U	3.4000 U	.	3.4000 U
P Endosulfan sulfate	UG/KG	.	.	3.8000 U	3.4000 U	.	3.4000 U
P Endrin	UG/KG	.	.	3.8000 U	3.4000 U	.	3.4000 U
P Endrin aldehyde	UG/KG	.	.	3.8000 U	3.4000 U	.	3.4000 U
P Endrin ketone	UG/KG	.	.	3.8000 U	3.4000 U	.	3.4000 U
P Heptachlor	UG/KG	.	.	2.0000 U	1.8000 U	.	1.7000 U
P Heptachlor epoxide	UG/KG	.	.	2.0000 U	1.8000 U	.	1.7000 U
P Methoxychlor	UG/KG	.	.	19.0000 U	18.0000 U	.	17.0000 U
P Toxaphene	UG/KG	.	.	200.0000 U	180.0000 U	.	170.0000 U
P alpha-BHC	UG/KG	.	.	2.0000 U	1.8000 U	.	1.7000 U
P alpha-Chlordane	UG/KG	.	.	2.0000 U	1.8000 U	.	1.7000 U
P beta-BHC	UG/KG	.	.	2.0000 U	1.8000 U	.	1.7000 U
P delta-BHC	UG/KG	.	.	2.0000 U	1.8000 U	.	1.7000 U
P gamma-BHC (Lindane)	UG/KG	.	.	2.0000 U	1.8000 U	.	1.7000 U
P gamma-Chlordane	UG/KG	.	.	2.0000 U	1.8000 U	.	1.7000 U
S 1,2,4-Trichlorobenzene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S 1,2-Dichlorobenzene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S 1,3-Dichlorobenzene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S 1,4-Dichlorobenzene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S 2,4,5-Trichlorophenol	UG/KG	.	.	920.0000 U	830.0000 U	.	820.0000 U
S 2,4,6-Trichlorophenol	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S 2,4-Dichlorophenol	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S 2,4-Dimethylphenol	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S 2,4-Dinitrophenol	UG/KG	.	.	920.0000 R	830.0000 U	.	820.0000 U
S 2,4-Dinitrotoluene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S 2,6-Dinitrotoluene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0701DDL	29S0701DL	29S0703	29S0801	29S0801DL	29S0803
	LAB ID:			1907.0	1793.0		1794.9
	LAB RCVD:	02/05/94	02/05/94	02/05/94	02/03/94	02/03/94	02/03/94
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S 2-Chlorophenol	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S 2-Methylnaphthalene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S 2-Methylphenol	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S 2-Nitroaniline	UG/KG	.	.	920.0000 U	830.0000 U	.	820.0000 U
S 2-Nitrophenol	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S 3,3'-Dichlorobenzidine	UG/KG	.	.	380.0000 R	340.0000 U	.	340.0000 U
S 3-Nitroaniline	UG/KG	.	.	920.0000 U	830.0000 U	.	820.0000 U
S 4,6-Dinitro-2-methylphenol	UG/KG	.	.	920.0000 U	830.0000 U	.	820.0000 U
S 4-Bromophenyl-phenylether	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S 4-Chloro-3-methylphenol	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S 4-Chloroaniline	UG/KG	.	.	380.0000 R	340.0000 U	.	340.0000 U
S 4-Chlorophenyl-phenylether	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S 4-Methylphenol	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S 4-Nitroaniline	UG/KG	.	.	920.0000 U	830.0000 U	.	820.0000 U
S 4-Nitrophenol	UG/KG	.	.	920.0000 U	830.0000 U	.	820.0000 U
S Acenaphthene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Acenaphthylene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Anthracene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Benzo(a)anthracene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Benzo(a)pyrene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Benzo(b)fluoranthene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Benzo(g,h,i)perylene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Benzo(k)fluoranthene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Butylbenzylphthalate	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Carbazole	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Chrysene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Di-n-butylphthalate	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Di-n-octylphthalate	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Dibenz(a,h)anthracene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Dibenzofuran	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Diethylphthalate	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0701DDL	29S0701DL	29S0703	29S0801	29S0801DL	29S0803
	LAB ID:			1907.0	1793.0		1794.9
	LAB RCVD:	02/05/94	02/05/94	02/05/94	02/03/94	02/03/94	02/03/94
PARAMETER	UNITS						
S Dimethylphthalate	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Fluoranthene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Fluorene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Hexachlorobenzene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Hexachlorobutadiene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Hexachlorocyclopentadiene	UG/KG	.	.	380.0000 R	340.0000 U	.	340.0000 U
S Hexachloroethane	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Indeno(1,2,3-cd)pyrene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Isophorone	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S N-Nitroso-di-n-propylamine	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S N-Nitrosodiphenylamine	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Naphthalene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Nitrobenzene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Pentachlorophenol	UG/KG	.	.	920.0000 U	830.0000 U	.	820.0000 U
S Phenanthrene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Phenol	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S Pyrene	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S bis(2-Chloroethoxy)methane	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S bis(2-Ethlyhexy)phthalate	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S bis(2-chloroethyl)ether	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
S bis(2-chloroisopropyl)ether	UG/KG	.	.	380.0000 U	340.0000 U	.	340.0000 U
V 1,1,1-Trichloroethane	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V 1,1,2,2-Tetrachloroethane	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V 1,1,2-Trichloroethane	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V 1,1-Dichloroethane	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V 1,1-Dichloroethene	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V 1,2-Dichloroethane	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V 1,2-Dichloroethene (total)	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V 1,2-Dichloropropane	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V 2-Butanone	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V 2-Hexanone	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V 4-Methyl-2-Pentanone	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0701DDL	29S0701DL	29S0703	29S0801	29S0801DL	29S0803
	LAB ID:						
	LAB RCVD:	02/05/94	02/05/94	02/05/94	02/03/94	02/03/94	02/03/94
PARAMETER	UNITS						
V Acetone	UG/KG	390.0000 U	360.0000 U	50.0000 U	9100.0000 U	14000.0000 U	320.0000 B
V Benzene	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Bromodichloromethane	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Bromoform	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Bromomethane	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Carbon Disulfide	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Carbon Tetrachloride	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Chlorobenzene	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Chloroethane	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Chloroform	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Chloromethane	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Dibromochloromethane	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Ethylbenzene	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Methylene Chloride	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Styrene	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Tetrachloroethene	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Toluene	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Trichloroethene	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Vinyl Chloride	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V Xylene (total)	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V cis-1,3-Dichloropropene	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U
V trans-1,3-Dichloropropene	UG/KG	54.0000 U	53.0000 U	11.0000 U	10.0000 U	52.0000 U	26.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0803MS	29S0803MSD	29S0901	29S0901D	29S0903	29S0905
	LAB ID:						1889.9
	LAB RCVD:	02/03/94	02/03/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
		.	.	.	.	.	.
I Aluminum	MG/KG	.	.	1890.0000	1930.0000	336.0000	287.0000 U
I Antimony	MG/KG	.	.	7.5000 UJ	7.6000 UJ	7.6000 UJ	8.4000 UJ
I Arsenic	MG/KG	.	.	0.8400 U	0.8400 U	0.8400 U	0.9300 U
I Barium	MG/KG	.	.	3.3000 U	3.3000 U	0.4400 U	0.6500 U
I Beryllium	MG/KG	.	.	0.6300 U	0.6300 U	0.6300 U	0.7000 U
I Cadmium	MG/KG	.	.	1.0000 U	1.0000 U	1.0000 U	1.2000 U
I Calcium	MG/KG	.	.	1000.0000	694.0000 U	102.0000 U	444.0000 U
I Chromium	MG/KG	.	.	5.2000	14.7000	8.6000	21.5000
I Cobalt	MG/KG	.	.	1.3000 U	1.3000 U	1.3000 U	1.4000 U
I Copper	MG/KG	.	.	1.3000 U	1.9000 U	0.6300 U	0.7900 U
I Cyanide	MG/KG	.	.	1.3000 U	1.1000 U	1.2000 U	1.4000 U
I Iron	MG/KG	.	.	966.0000	980.0000	214.0000 U	287.0000
I Lead	MG/KG	.	.	5.5000	6.5000	1.2000	0.7500
I Magnesium	MG/KG	.	.	77.9000	65.3000	12.6000	29.9000
I Manganese	MG/KG	.	.	41.6000	46.7000 U	4.5000 U	6.6000 U
I Mercury	MG/KG	.	.	0.1000 U	0.1000 U	0.1000 U	0.1200 U
I Nickel	MG/KG	.	.	3.1000 U	5.0000	3.1000 U	4.8000
I Potassium	MG/KG	.	.	192.0000 U	187.0000 U	98.4000 U	109.0000 U
I Selenium	MG/KG	.	.	1.0000 UJ	1.0000 UJ	1.0000 UJ	1.2000 UJ
I Silver	MG/KG	.	.	1.3000 U	1.3000 U	1.3000 U	1.4000 U
I Sodium	MG/KG	.	.	1.9000 U	1.9000 U	1.9000 U	2.1000 U
I Thallium	MG/KG	.	.	1.7000 U	1.7000 U	1.7000 U	1.9000 U
I Vanadium	MG/KG	.	.	2.4000	2.4000	1.3000 U	1.4000 U
I Zinc	MG/KG	.	.	6.1000	4.5000	1.9000 U	2.1000 U
P 4,4'-DDD	UG/KG	0.8300 J	0.8300 J	3.5000 U	3.5000 U	3.5000 U	3.8000 U
P 4,4'-DDE	UG/KG	3.4000 U	3.4000 U	3.5000 U	3.5000 U	3.5000 U	3.8000 U
P 4,4'-DDT	UG/KG	33.0000	33.0000 J	3.5000 U	3.5000 U	3.5000 U	3.8000 U
P Aldrin	UG/KG	17.0000	17.0000	1.8000 U	1.8000 U	1.8000 U	2.0000 U
P Aroclor 1016	UG/KG	34.0000 U	34.0000 U	35.0000 U	35.0000 U	35.0000 U	38.0000 U
P Aroclor 1221	UG/KG	69.0000 U	68.0000 U	71.0000 U	70.0000 U	70.0000 U	77.0000 U
P Aroclor 1232	UG/KG	34.0000 U	34.0000 U	35.0000 U	35.0000 U	35.0000 U	38.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0803MS	29S0803MSD	29S0901	29S0901D	29S0903	29S0905
	LAB ID:	1794.9MS	1794.9MSD	1886.4	1887.2	1888.0	1889.9
	LAB RCVD:	02/03/94	02/03/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
P Aroclor 1242	UG/KG	34.0000 U	34.0000 U	35.0000 U	35.0000 U	35.0000 U	38.0000 U
P Aroclor 1248	UG/KG	34.0000 U	34.0000 U	35.0000 U	35.0000 U	35.0000 U	38.0000 U
P Aroclor 1254	UG/KG	34.0000 U	34.0000 U	35.0000 U	35.0000 U	35.0000 U	38.0000 U
P Aroclor 1260	UG/KG	34.0000 U	34.0000 U	35.0000 U	35.0000 U	35.0000 U	38.0000 U
P Dieldrin	UG/KG	37.0000	38.0000 J	3.5000 U	3.5000 U	3.5000 U	3.8000 U
P Endosulfan I	UG/KG	1.8000 U	1.7000 U	1.8000 U	1.8000 U	1.8000 U	2.0000 U
P Endosulfan II	UG/KG	3.4000 U	3.4000 U	2.0000 J	3.5000 U	3.5000 U	3.8000 U
P Endosulfan sulfate	UG/KG	3.4000 U	3.4000 U	3.5000 U	3.5000 U	3.5000 U	3.8000 U
P Endrin	UG/KG	32.0000	32.0000 J	3.5000 U	3.5000 U	3.5000 U	3.8000 U
P Endrin aldehyde	UG/KG	3.4000 U	3.4000 U	3.5000 U	3.5000 U	3.5000 U	3.8000 U
P Endrin ketone	UG/KG	3.4000 U	3.4000 U	3.5000 U	3.5000 U	3.5000 U	3.8000 U
P Heptachlor	UG/KG	15.0000	15.0000	1.8000 U	1.8000 U	1.8000 U	2.0000 U
P Heptachlor epoxide	UG/KG	1.8000 U	1.7000 U	2.9000 J	1.8000 U	1.8000 U	2.0000 U
P Methoxychlor	UG/KG	18.0000 U	17.0000 U	18.0000 U	18.0000 U	18.0000 U	20.0000 U
P Toxaphene	UG/KG	180.0000 U	170.0000 U	180.0000 U	180.0000 U	180.0000 U	200.0000 U
P alpha-BHC	UG/KG	1.8000 U	1.7000 U	1.8000 U	1.8000 U	1.8000 U	2.0000 U
P alpha-Chlordane	UG/KG	1.8000 U	1.7000 U	1.8000 U	1.8000 U	1.8000 U	2.0000 U
P beta-BHC	UG/KG	1.8000 U	1.7000 U	1.8000 U	1.8000 U	1.8000 U	2.0000 U
P delta-BHC	UG/KG	1.8000 U	1.7000 U	1.8000 U	1.8000 U	1.8000 U	2.0000 U
P gamma-BHC (Lindane)	UG/KG	16.0000	15.0000	1.8000 U	1.8000 U	1.8000 U	2.0000 U
P gamma-Chlordane	UG/KG	1.8000 U	1.7000 U	1.8000 U	1.8000 U	1.8000 U	2.0000 U
S 1,2,4-Trichlorobenzene	UG/KG	740.0000	1000.0000	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 1,2-Dichlorobenzene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 1,3-Dichlorobenzene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 1,4-Dichlorobenzene	UG/KG	710.0000	1000.0000	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 2,4,5-Trichlorophenol	UG/KG	820.0000 U	820.0000 U	840.0000 U	840.0000 U	840.0000 U	930.0000 U
S 2,4,6-Trichlorophenol	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 2,4-Dichlorophenol	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 2,4-Dimethylphenol	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 2,4-Dinitrophenol	UG/KG	820.0000 U	820.0000 U	840.0000 U	840.0000 U	840.0000 U	930.0000 U
S 2,4-Dinitrotoluene	UG/KG	810.0000	940.0000	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 2,6-Dinitrotoluene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0803MS	29S0803MSD	29S0901	29S0901D	29S0903	29S0905
	LAB ID:	1794.9MS	1794.9MSD	1886.4	1887.2	1888.0	1889.9
	LAB RCVD:	02/03/94	02/03/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 2-Chlorophenol	UG/KG	1400.0000	2000.0000	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 2-Methylnaphthalene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 2-Methylphenol	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 2-Nitroaniline	UG/KG	820.0000 U	820.0000 U	840.0000 U	840.0000 U	840.0000 U	930.0000 U
S 2-Nitrophenol	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 3,3'-Dichlorobenzidine	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 3-Nitroaniline	UG/KG	820.0000 U	820.0000 U	840.0000 U	840.0000 U	840.0000 U	930.0000 U
S 4,6-Dinitro-2-methylphenol	UG/KG	820.0000 U	820.0000 U	840.0000 U	840.0000 U	840.0000 U	930.0000 U
S 4-Bromophenyl-phenylether	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 4-Chloro-3-methylphenol	UG/KG	1800.0000	2200.0000	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 4-Chloroaniline	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 4-Chlorophenyl-phenylether	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 4-Methylphenol	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S 4-Nitroaniline	UG/KG	820.0000 U	820.0000 U	840.0000 U	840.0000 U	840.0000 U	930.0000 U
S 4-Nitrophenol	UG/KG	2000.0000	2400.0000	840.0000 U	840.0000 U	840.0000 U	930.0000 U
S Acenaphthene	UG/KG	1100.0000	1400.0000	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Acenaphthylene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Anthracene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Benzo(a)anthracene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Benzo(a)pyrene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Benzo(b)fluoranthene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Benzo(g,h,i)perylene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Benzo(k)fluoranthene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Butylbenzylphthalate	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Carbazole	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Chrysene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Di-n-butylphthalate	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Di-n-octylphthalate	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Dibenz(a,h)anthracene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Dibenzofuran	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Diethylphthalate	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0803MS	29S0803MSD	29S0901	29S0901D	29S0903	29S0905
	LAB ID:	1794.9MS	1794.9MSD	1886.4	1887.2	1888.0	1889.9
	LAB RCVD:	02/03/94	02/03/94	02/04/94	02/04/94	02/04/94	02/04/94
PARAMETER	UNITS						
S Dimethylphthalate	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Fluoranthene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Fluorene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Hexachlorobenzene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Hexachlorobutadiene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Hexachlorocyclopentadiene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Hexachloroethane	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Indeno(1,2,3-cd)pyrene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Isophorone	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S N-Nitroso-di-n-propylamine	UG/KG	700.0000	1000.0000	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S N-Nitrosodiphenylamine	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Naphthalene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Nitrobenzene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Pentachlorophenol	UG/KG	1400.0000	1900.0000	840.0000 U	840.0000 U	840.0000 U	930.0000 U
S Phenanthrene	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Phenol	UG/KG	1400.0000	2000.0000	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S Pyrene	UG/KG	980.0000	1100.0000	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S bis(2-Chloroethoxy)methane	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S bis(2-Ethlyhexy)phthalate	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S bis(2-chloroethyl)ether	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
S bis(2-chloroisopropyl)ether	UG/KG	340.0000 U	340.0000 U	350.0000 U	350.0000 U	350.0000 U	380.0000 U
V 1,1,1-Trichloroethane	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V 1,1,2,2-Tetrachloroethane	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V 1,1,2-Trichloroethane	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V 1,1-Dichloroethane	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V 1,1-Dichloroethene	UG/KG	130.0000	130.0000	11.0000 U	11.0000 U	11.0000 U	.
V 1,2-Dichloroethane	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V 1,2-Dichloroethene (total)	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V 1,2-Dichloropropane	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V 2-Butanone	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V 2-Hexanone	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V 4-Methyl-2-Pentanone	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	29S0803MS	29S0803MSD	29S0901	29S0901D	29S0903	29S0905
	LAB ID:						1889.9
	LAB RCVD:	02/03/94	02/03/94	02/04/94	02/04/94	02/04/94	02/04/94
V Acetone	UG/KG	420.0000 U	320.0000 U	20.0000 U	30.0000 U	98.0000 U	.
V Benzene	UG/KG	140.0000	140.0000	11.0000 U	11.0000 U	11.0000 U	.
V Bromodichloromethane	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V Bromoform	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V Bromomethane	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V Carbon Disulfide	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V Carbon Tetrachloride	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V Chlorobenzene	UG/KG	130.0000	130.0000	11.0000 U	11.0000 U	11.0000 U	.
V Chloroethane	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V Chloroform	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V Chloromethane	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V Dibromochloromethane	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V Ethylbenzene	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V Methylene Chloride	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V Styrene	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V Tetrachloroethene	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V Toluene	UG/KG	130.0000	140.0000	11.0000 U	11.0000 U	11.0000 U	.
V Trichloroethene	UG/KG	130.0000	130.0000	11.0000 U	11.0000 U	11.0000 U	.
V Vinyl Chloride	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V Xylene (total)	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V cis-1,3-Dichloropropene	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.
V trans-1,3-Dichloropropene	UG/KG	26.0000 U	26.0000 U	11.0000 U	11.0000 U	11.0000 U	.

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0906	LCS34MS	LCS36MS			
	LAB ID:		LCS34MS	LCS36MS			
	LAB RCVD:	02/04/94	.	.	.	.	.
PARAMETER	UNITS						
		.	.	.	.	.	.
P 4,4'-DDD	UG/KG	.	3.3000 U	3.3000 U	.	.	.
P 4,4'-DDE	UG/KG	.	3.3000 U	3.3000 U	.	.	.
P 4,4'-DDT	UG/KG	.	32.0000 J	32.0000	.	.	.
P Aldrin	UG/KG	.	14.0000 J	15.0000	.	.	.
P Aroclor 1016	UG/KG	.	33.0000 U	33.0000 U	.	.	.
P Aroclor 1221	UG/KG	.	67.0000 U	67.0000 U	.	.	.
P Aroclor 1232	UG/KG	.	33.0000 U	33.0000 U	.	.	.
P Aroclor 1242	UG/KG	.	33.0000 U	33.0000 U	.	.	.
P Aroclor 1248	UG/KG	.	33.0000 U	33.0000 U	.	.	.
P Aroclor 1254	UG/KG	.	420.0000	470.0000	.	.	.
P Aroclor 1260	UG/KG	.	33.0000 U	33.0000 U	.	.	.
P Dieldrin	UG/KG	.	28.0000	30.0000	.	.	.
P Endosulfan I	UG/KG	.	1.7000 U	1.7000 U	.	.	.
P Endosulfan II	UG/KG	.	3.3000 U	3.3000 U	.	.	.
P Endosulfan sulfate	UG/KG	.	3.3000 U	3.3000 U	.	.	.
P Endrin	UG/KG	.	28.0000	30.0000	.	.	.
P Endrin aldehyde	UG/KG	.	3.3000 U	3.3000 U	.	.	.
P Endrin ketone	UG/KG	.	3.3000 U	3.3000 U	.	.	.
P Heptachlor	UG/KG	.	13.0000	14.0000	.	.	.
P Heptachlor epoxide	UG/KG	.	1.7000 U	1.7000 U	.	.	.
P Methoxychlor	UG/KG	.	17.0000 U	17.0000 U	.	.	.
P Toxaphene	UG/KG	.	170.0000 U	170.0000 U	.	.	.
P alpha-BHC	UG/KG	.	1.7000 U	1.7000 U	.	.	.
P alpha-Chlordane	UG/KG	.	1.7000 U	1.7000 U	.	.	.
P beta-BHC	UG/KG	.	1.7000 U	1.7000 U	.	.	.
P delta-BHC	UG/KG	.	1.7000 U	1.7000 U	.	.	.
P gamma-BHC (Lindane)	UG/KG	.	13.0000	14.0000	.	.	.
P gamma-Chlordane	UG/KG	.	1.7000 U	1.7000 U	.	.	.
V 1,1,1-Trichloroethane	UG/KG	12.0000 U	.	.	.	.	.
V 1,1,2,2-Tetrachloroethane	UG/KG	12.0000 U	.	.	.	.	.
V 1,1,2-Trichloroethane	UG/KG	12.0000 U	.	.	.	.	.

PENSACOLA SITE 29
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29S0906	LCS34MS	LCS36MS			
	LAB ID:		LCS34MS	LCS36MS			
	LAB RCVD:	02/04/94	.	.	.	.	.
PARAMETER	UNITS						
V 1,1-Dichloroethane	UG/KG	12.0000 U	.	.	.	.	.
V 1,1-Dichloroethene	UG/KG	12.0000 U	.	.	.	.	.
V 1,2-Dichloroethane	UG/KG	12.0000 U	.	.	.	.	.
V 1,2-Dichloroethene (total)	UG/KG	12.0000 U	.	.	.	.	.
V 1,2-Dichloropropane	UG/KG	12.0000 U	.	.	.	.	.
V 2-Butanone	UG/KG	12.0000 U	.	.	.	.	.
V 2-Hexanone	UG/KG	12.0000 U	.	.	.	.	.
V 4-Methyl-2-Pentanone	UG/KG	12.0000 U	.	.	.	.	.
V Acetone	UG/KG	9.0000 U	.	.	.	.	.
V Benzene	UG/KG	12.0000 U	.	.	.	.	.
V Bromodichloromethane	UG/KG	12.0000 U	.	.	.	.	.
V Bromoform	UG/KG	12.0000 U	.	.	.	.	.
V Bromomethane	UG/KG	12.0000 U	.	.	.	.	.
V Carbon Disulfide	UG/KG	12.0000 U	.	.	.	.	.
V Carbon Tetrachloride	UG/KG	12.0000 U	.	.	.	.	.
V Chlorobenzene	UG/KG	12.0000 U	.	.	.	.	.
V Chloroethane	UG/KG	12.0000 U	.	.	.	.	.
V Chloroform	UG/KG	12.0000 U	.	.	.	.	.
V Chloromethane	UG/KG	12.0000 U	.	.	.	.	.
V Dibromochloromethane	UG/KG	12.0000 U	.	.	.	.	.
V Ethylbenzene	UG/KG	12.0000 U	.	.	.	.	.
V Methylene Chloride	UG/KG	12.0000 U	.	.	.	.	.
V Styrene	UG/KG	12.0000 U	.	.	.	.	.
V Tetrachloroethene	UG/KG	12.0000 U	.	.	.	.	.
V Toluene	UG/KG	12.0000 U	.	.	.	.	.
V Trichloroethene	UG/KG	12.0000 U	.	.	.	.	.
V Vinyl Chloride	UG/KG	12.0000 U	.	.	.	.	.
V Xylene (total)	UG/KG	12.0000 U	.	.	.	.	.
V cis-1,3-Dichloropropene	UG/KG	12.0000 U	.	.	.	.	.
V trans-1,3-Dichloropropene	UG/KG	12.0000 U	.	.	.	.	.

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 29
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GGM07	29GR01	29GR02	29GR03	29GR04	29GR05
	LAB ID:	39252-022	39252-017	39252-015	39252-019	39252-018	39252-014
	LAB RCVD:	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94
PARAMETER	UNITS						
I Aluminum	UG/L	17.9000 U	1000.0000	64.4000 U	203.0000	649.0000	49.6000 U
I Antimony	UG/L	15.6000 U	15.6000 U	15.6000 U	15.6000 U	15.6000 U	15.6000 U
I Arsenic	UG/L	2.9000 U	2.9000 U	2.9000 U	2.9000 U	2.9000 U	2.9000 U
I Barium	UG/L	53.6000	25.7000 U	32.5000 U	33.1000 U	14.4000 U	12.3000 U
I Beryllium	UG/L	0.4000 U	0.4000 U	0.4000 U	0.4000 U	0.4000 U	0.4000 U
I Cadmium	UG/L	2.1000 UJ	2.1000 UJ	2.1000 UJ	2.1000 UJ	2.1000 UJ	2.1000 UJ
I Calcium	UG/L	19900.0000	36900.0000	35900.0000	35700.0000	32500.0000	32800.0000
I Chromium	UG/L	2.3000 U	3.9000 U	2.6000 U	2.4000 U	4.8000 U	5.0000 U
I Cobalt	UG/L	3.2000 U	3.2000 U	3.2000 U	3.2000 U	3.3000 U	3.2000 U
I Copper	UG/L	2.6000 U	2.6000 U	2.6000 U	2.6000 U	2.6000 U	2.6000 U
I Cyanide	UG/L	276.0000	1.0000 U	1.0000 U	1.6000 U	1.0000 U	1.5000 U
I Iron	UG/L	740.0000	1400.0000	39.1000	93.1000	262.0000	12.0000 U
I Lead	UG/L	0.9100 U	7.8000	1.4000 U	0.7000 U	4.1000	0.7000 U
I Magnesium	UG/L	1010.0000	1650.0000	1840.0000	1350.0000	1180.0000	797.0000
I Manganese	UG/L	138.0000	253.0000	270.0000	78.3000	6.3000 U	91.8000
I Mercury	UG/L	0.1000 U	0.1000 U	0.2400 U	0.1000 U	0.1000 U	0.1000 U
I Nickel	UG/L	10.4000 U	10.4000 U	10.4000 U	10.4000 U	10.4000 U	10.4000 U
I Potassium	UG/L	2910.0000	10500.0000	15600.0000	7160.0000	10500.0000	11300.0000
I Selenium	UG/L	1.7000 U	1.7000 U	1.7000 U	1.7000 U	1.7000 U	1.7000 U
I Silver	UG/L	3.6000 U	3.6000 U	3.6000 U	3.6000 U	3.6000 U	3.7000 U
I Sodium	UG/L	3890.0000	9330.0000	10000.0000	4760.0000	5790.0000	5380.0000
I Thallium	UG/L	2.8000 U	2.8000 U	2.8000 U	2.8000 U	2.8000 U	2.8000 U
I Vanadium	UG/L	3.3000 U	5.0000	4.8000	4.4000	7.6000	7.3000
I Zinc	UG/L	4.2000	10.1000	3.2000 U	6.8000 U	4.9000 U	3.6000 U
P 4,4'-DDD	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1100 U	0.1100 U	0.1200 U
P 4,4'-DDE	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1100 U	0.1100 U	0.1200 U
P 4,4'-DDT	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1100 U	0.1100 U	0.1200 U
P Aldrin	UG/L	0.0570 U	0.0540 U	0.0560 U	0.0560 U	0.0560 U	0.0600 U
P Aroclor 1016	UG/L	1.1000 U	1.1000 U	1.1000 U	1.1000 U	1.1000 U	1.2000 U
P Aroclor 1221	UG/L	2.3000 U	2.1000 U	2.2000 U	2.2000 U	2.3000 U	2.4000 U
P Aroclor 1232	UG/L	1.1000 U	1.1000 U	1.1000 U	1.1000 U	1.1000 U	1.2000 U
P Aroclor 1242	UG/L	1.1000 U	1.1000 U	1.1000 U	1.1000 U	1.1000 U	1.2000 U

PENSACOLA SITE 29
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GGM07	29GR01	29GR02	29GR03	29GR04	29GR05
	LAB ID:	39252-11	39252-6	39252-4	39252-8	39252-7	39252-3
	LAB RCVD:	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94
PARAMETER	UNITS						
P Aroclor 1248	UG/L	1.1000 U	1.1000 U	1.1000 U	1.1000 U	1.1000 U	1.2000 U
P Aroclor 1254	UG/L	1.1000 U	1.1000 U	1.1000 U	1.1000 U	1.1000 U	1.2000 U
P Aroclor 1260	UG/L	1.1000 U	1.1000 U	1.1000 U	1.1000 U	1.1000 U	1.2000 U
P Dieldrin	UG/L	0.1100 U	0.1300	0.1100 U	0.1100 U	0.1100 U	0.1200 U
P Endosulfan I	UG/L	0.0570 U	0.0540 U	0.0560 U	0.0560 U	0.0560 U	0.0600 U
P Endosulfan II	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1100 U	0.1100 U	0.1200 U
P Endosulfan sulfate	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1100 U	0.1100 U	0.1200 U
P Endrin	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1100 U	0.1100 U	0.1200 U
P Endrin aldehyde	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1100 U	0.1100 U	0.1200 U
P Endrin ketone	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1100 U	0.1100 U	0.1200 U
P Heptachlor	UG/L	0.0570 U	0.0540 U	0.0560 U	0.0680 U	0.0560 U	0.0600 U
P Heptachlor epoxide	UG/L	0.0570 U	0.0540 U	0.0560 U	0.0560 U	0.0560 U	0.0600 U
P Methoxychlor	UG/L	0.5700 U	0.5400 U	0.5600 U	0.5600 U	0.5600 U	0.6000 U
P Toxaphene	UG/L	5.7000 U	5.4000 U	5.6000 U	5.6000 U	5.6000 U	6.0000 U
P alpha-BHC	UG/L	0.0570 U	0.0540 U	0.0560 U	0.0560 U	0.0560 U	0.0600 U
P alpha-Chlordane	UG/L	0.0570 U	0.0540 U	0.0560 U	0.0560 U	0.0560 U	0.0600 U
P beta-BHC	UG/L	0.0570 U	0.0540 U	0.0560 U	0.0560 U	0.0560 U	0.0600 U
P delta-BHC	UG/L	0.0570 U	0.0540 U	0.0560 U	0.0560 U	0.0560 U	0.0600 U
P gamma-BHC (Lindane)	UG/L	0.0570 U	0.0540 U	0.0560 U	0.0560 U	0.0560 U	0.0600 U
P gamma-Chlordane	UG/L	0.0570 U	0.0540 U	0.0560 U	0.0560 U	0.0560 U	0.0600 U
S 1,2,4-Trichlorobenzene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 1,2-Dichlorobenzene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 1,3-Dichlorobenzene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 1,4-Dichlorobenzene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 2,4,5-Trichlorophenol	UG/L	30.0000 U	29.0000 U	28.0000 U	26.0000 U	28.0000 U	29.0000 U
S 2,4,6-Trichlorophenol	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 2,4-Dichlorophenol	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 2,4-Dimethylphenol	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 2,4-Dinitrophenol	UG/L	30.0000 U	29.0000 U	28.0000 U	26.0000 U	28.0000 U	29.0000 U
S 2,4-Dinitrotoluene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 2,6-Dinitrotoluene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 2-Chloronaphthalene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U

PENSACOLA SITE 29
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GGM07	29GR01	29GR02	29GR03	29GR04	29GR05
	LAB ID:	39252-11	39252-6	39252-4	39252-8	39252-7	39252-3
	LAB RCVD:	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94
PARAMETER	UNITS						
S 2-Chlorophenol	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 2-Methylnaphthalene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 2-Methylphenol	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 2-Nitroaniline	UG/L	30.0000 U	29.0000 U	28.0000 U	26.0000 U	28.0000 U	29.0000 U
S 2-Nitrophenol	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 3,3'-Dichlorobenzidine	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 3-Nitroaniline	UG/L	30.0000 U	29.0000 U	28.0000 U	26.0000 U	28.0000 U	29.0000 U
S 4,6-Dinitro-2-methylphenol	UG/L	30.0000 U	29.0000 U	28.0000 U	26.0000 U	28.0000 U	29.0000 U
S 4-Bromophenyl-phenylether	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 4-Chloro-3-methylphenol	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 4-Chloroaniline	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 4-Chlorophenyl-phenylether	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 4-Methylphenol	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S 4-Nitroaniline	UG/L	30.0000 U	29.0000 U	28.0000 U	26.0000 U	28.0000 U	29.0000 U
S 4-Nitrophenol	UG/L	30.0000 U	29.0000 U	28.0000 U	26.0000 U	28.0000 U	29.0000 U
S Acenaphthene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Acenaphthylene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Anthracene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Benzo(a)anthracene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Benzo(a)pyrene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Benzo(b)fluoranthene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Benzo(g,h,i)perylene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Benzo(k)fluoranthene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Butylbenzylphthalate	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Carbazole	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Chrysene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Di-n-butylphthalate	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Di-n-octylphthalate	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Dibenz(a,h)anthracene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Dibenzofuran	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Diethylphthalate	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Dimethylphthalate	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U

PENSACOLA SITE 29
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GGM07	29GR01	29GR02	29GR03	29GR04	29GR05
	LAB ID:	39252-11	39252-6	39252-4	39252-8	39252-7	39252-3
	LAB RCVD:	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94
PARAMETER	UNITS						
S Fluoranthene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Fluorene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Hexachlorobenzene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Hexachlorobutadiene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Hexachlorocyclopentadiene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Hexachloroethane	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Indeno(1,2,3-cd)pyrene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Isophorone	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S N-Nitroso-di-n-propylamine	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S N-Nitrosodiphenylamine	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Naphthalene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Nitrobenzene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Pentachlorophenol	UG/L	30.0000 U	29.0000 U	28.0000 U	26.0000 U	28.0000 U	29.0000 U
S Phenanthrene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Phenol	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S Pyrene	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S bis(2-Chloroethoxy)methane	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S bis(2-Ethlyhexy)phthalate	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S bis(2-chloroethyl)ether	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
S bis(2-chloroisopropyl)ether	UG/L	12.0000 U	12.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,1,1-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1,2,2-Tetrachloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1,2-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1-Dichloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,2-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,2-Dichloroethene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,2-Dichloropropane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 2-Butanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 2-Hexanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 4-Methyl-2-Pentanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Acetone	UG/L	10.0000 U	17.0000 U	74.0000 U	73.0000 U	44.0000 U	10.0000 U

PENSACOLA SITE 29
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GGM07	29GR01	29GR02	29GR03	29GR04	29GR05
	LAB ID:	39252-44	39252-39	39252-37	39252-41	39252-40	39252-36
	LAB RCVD:	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94
PARAMETER	UNITS						
V Benzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Bromodichloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Bromoform	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Bromomethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Carbon Disulfide	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Carbon Tetrachloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chlorobenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chloroform	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Dibromochloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Ethylbenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Methylene Chloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	5.0000 U	10.0000 U
V Styrene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Tetrachloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Toluene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Trichloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Vinyl Chloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Xylene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V cis-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V trans-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 29
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GR06	29GR07	29GR07MS	29GR07MSD	29GR08	29GR08D
	LAB ID:	39252-013	39252-012	39252-1MS	39252-1MSD	39252-020	39252-021
	LAB RCVD:	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94
PARAMETER	UNITS						
I Aluminum	UG/L	450.0000	269.0000	.	.	2060.0000	1830.0000
I Antimony	UG/L	15.6000 U	15.6000 U	.	.	15.6000 U	15.6000 U
I Arsenic	UG/L	2.9000 U	2.9000 U	.	.	2.9000 U	2.9000 U
I Barium	UG/L	14.9000 U	36.2000 U	.	.	12.4000 U	12.4000 U
I Beryllium	UG/L	0.4000 U	0.4000 U	.	.	0.4000 U	0.4000 U
I Cadmium	UG/L	2.1000 UJ	2.1000 UJ	.	.	2.1000 UJ	2.1000 UJ
I Calcium	UG/L	34300.0000	29200.0000	.	.	20900.0000	20500.0000
I Chromium	UG/L	8.6000 U	3.0000 U	.	.	6.3000 U	6.6000 U
I Cobalt	UG/L	3.2000 U	3.2000 U	.	.	3.2000 U	3.2000 U
I Copper	UG/L	2.6000 U	2.6000 U	.	.	3.9000 U	3.9000 U
I Cyanide	UG/L	2.9000 U	1.0000 U	.	.	1.0000 U	1.0000 U
I Iron	UG/L	73.1000 U	227.0000	.	.	1240.0000	1150.0000
I Lead	UG/L	0.7000 U	4.3000	.	.	9.2000	9.6000
I Magnesium	UG/L	631.0000	1310.0000	.	.	1280.0000	1250.0000
I Manganese	UG/L	3.8000 U	163.0000	.	.	81.6000	79.1000
I Mercury	UG/L	0.3200 U	0.1000 U	.	.	0.1000 U	0.1000 U
I Nickel	UG/L	10.4000 U	10.4000 U	.	.	10.4000 U	10.4000 U
I Potassium	UG/L	5680.0000	3610.0000	.	.	1250.0000	1420.0000
I Selenium	UG/L	1.7000 U	1.7000 U	.	.	1.7000 U	1.7000 U
I Silver	UG/L	3.9000	3.6000 U	.	.	3.6000 U	3.8000
I Sodium	UG/L	3940.0000	3480.0000	.	.	2210.0000	2170.0000
I Thallium	UG/L	2.8000 U	2.8000 U	.	.	2.8000 U	2.8000 U
I Vanadium	UG/L	7.6000	5.2000	.	.	7.3000	9.1000
I Zinc	UG/L	7.2000 U	22.1000	.	.	22.1000	22.1000
P 4,4'-DDD	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1200 U	0.1100 U	0.1100 U
P 4,4'-DDE	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1200 U	0.1100 U	0.1100 U
P 4,4'-DDT	UG/L	0.1100 U	0.1100 U	0.8900	0.8400	0.1100 U	0.1100 U
P Aldrin	UG/L	0.0540 U	0.0550 U	0.3600	0.4500	0.0570 U	0.0560 U
P Aroclor 1016	UG/L	1.1000 U	1.1000 U	1.1000 U	1.2000 U	1.1000 U	1.1000 U
P Aroclor 1221	UG/L	2.2000 U	2.2000 U	2.2000 U	2.4000 U	2.3000 U	2.3000 U
P Aroclor 1232	UG/L	1.1000 U	1.1000 U	1.1000 U	1.2000 U	1.1000 U	1.1000 U

PENSACOLA SITE 29
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GR06	29GR07	29GR07MS	29GR07MSD	29GR08	29GR08D
	LAB ID:	39252-2	39252-1	39252-1MS	39252-1MSD	39252-9	39252-10
	LAB RCVD:	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94
PARAMETER	UNITS						
P Aroclor 1242	UG/L	1.1000 U	1.1000 U	1.1000 U	1.2000 U	1.1000 U	1.1000 U
P Aroclor 1248	UG/L	1.1000 U	1.1000 U	1.1000 U	1.2000 U	1.1000 U	1.1000 U
P Aroclor 1254	UG/L	1.1000 U	1.1000 U	1.1000 U	1.2000 U	1.1000 U	1.1000 U
P Aroclor 1260	UG/L	1.1000 U	1.1000 U	1.1000 U	1.2000 U	1.1000 U	1.1000 U
P Dieldrin	UG/L	0.1100 U	0.1100 U	0.9000	1.1000	0.1100 U	0.1100 U
P Endosulfan I	UG/L	0.0540 U	0.0550 U	0.0540 U	0.0600 U	0.0570 U	0.0560 U
P Endosulfan II	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1200 U	0.1100 U	0.1100 U
P Endosulfan sulfate	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1200 U	0.1100 U	0.1100 U
P Endrin	UG/L	0.1100 U	0.1100 U	0.9200	1.2000	0.1100 U	0.1100 U
P Endrin aldehyde	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1200 U	0.1100 U	0.1100 U
P Endrin ketone	UG/L	0.1100 U	0.1100 U	0.1100 U	0.1200 U	0.1100 U	0.1100 U
P Heptachlor	UG/L	0.0540 U	0.0550 U	0.4100	0.5300	0.0570 U	0.0560 U
P Heptachlor epoxide	UG/L	0.0540 U	0.0550 U	0.0540 U	0.0600 U	0.0570 U	0.0560 U
P Methoxychlor	UG/L	0.5400 U	0.5500 U	0.5400 U	0.6000 U	0.5700 U	0.5600 U
P Toxaphene	UG/L	5.4000 U	5.5000 U	5.4000 U	6.0000 U	5.7000 U	5.6000 U
P alpha-BHC	UG/L	0.0540 U	0.0550 U	0.0540 U	0.0600 U	0.0570 U	0.0560 U
P alpha-Chlordane	UG/L	0.0540 U	0.0550 U	0.0540 U	0.0600 U	0.0570 U	0.0560 U
P beta-BHC	UG/L	0.0540 U	0.0550 U	0.0540 U	0.0600 U	0.0570 U	0.0560 U
P delta-BHC	UG/L	0.0540 U	0.0550 U	0.0540 U	0.0600 U	0.0570 U	0.0560 U
P gamma-BHC (Lindane)	UG/L	0.0540 U	0.0550 U	0.4000 J	0.5100 J	0.0570 U	0.0560 U
P gamma-Chlordane	UG/L	0.0540 U	0.0550 U	0.0540 U	0.0600 U	0.0570 U	0.0560 U
S 1,2,4-Trichlorobenzene	UG/L	11.0000 U	10.0000 U	41.0000	40.0000	12.0000 U	11.0000 U
S 1,2-Dichlorobenzene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S 1,3-Dichlorobenzene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S 1,4-Dichlorobenzene	UG/L	11.0000 U	10.0000 U	35.0000	36.0000	12.0000 U	11.0000 U
S 2,4,5-Trichlorophenol	UG/L	27.0000 U	26.0000 U	28.0000 U	27.0000 U	29.0000 U	28.0000 U
S 2,4,6-Trichlorophenol	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S 2,4-Dichlorophenol	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S 2,4-Dimethylphenol	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S 2,4-Dinitrophenol	UG/L	27.0000 U	26.0000 U	28.0000 U	27.0000 U	29.0000 U	28.0000 U
S 2,4-Dinitrotoluene	UG/L	11.0000 U	10.0000 U	45.0000	47.0000	12.0000 U	11.0000 U
S 2,6-Dinitrotoluene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U

PENSACOLA SITE 29
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GR06	29GR07	29GR07MS	29GR07MSD	29GR08	29GR08D
	LAB ID:	39252-2	39252-1	39252-1MS	39252-1MSD	39252-9	39252-10
	LAB RCVD:	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S 2-Chlorophenol	UG/L	11.0000 U	10.0000 U	57.0000	59.0000	12.0000 U	11.0000 U
S 2-Methylnaphthalene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S 2-Methylphenol	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S 2-Nitroaniline	UG/L	27.0000 U	26.0000 U	28.0000 U	27.0000 U	29.0000 U	28.0000 U
S 2-Nitrophenol	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S 3,3'-Dichlorobenzidine	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S 3-Nitroaniline	UG/L	27.0000 U	26.0000 U	28.0000 U	27.0000 U	29.0000 U	28.0000 U
S 4,6-Dinitro-2-methylphenol	UG/L	27.0000 U	26.0000 U	28.0000 U	27.0000 U	29.0000 U	28.0000 U
S 4-Bromophenyl-phenylether	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S 4-Chloro-3-methylphenol	UG/L	11.0000 U	10.0000 U	66.0000	67.0000	12.0000 U	11.0000 U
S 4-Chloroaniline	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S 4-Chlorophenyl-phenylether	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S 4-Methylphenol	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S 4-Nitroaniline	UG/L	27.0000 U	26.0000 U	28.0000 U	27.0000 U	29.0000 U	28.0000 U
S 4-Nitrophenol	UG/L	27.0000 U	26.0000 U	66.0000	67.0000	29.0000 U	28.0000 U
S Acenaphthene	UG/L	11.0000 U	10.0000 U	41.0000	43.0000	12.0000 U	11.0000 U
S Acenaphthylene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Anthracene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Benzo(a)anthracene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Benzo(a)pyrene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Benzo(b)fluoranthene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Benzo(g,h,i)perylene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Benzo(k)fluoranthene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Butylbenzylphthalate	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Carbazole	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Chrysene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Di-n-butylphthalate	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Di-n-octylphthalate	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Dibenz(a,h)anthracene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Dibenzofuran	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Diethylphthalate	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U

PENSACOLA SITE 29
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GR06	29GR07	29GR07MS	29GR07MSD	29GR08	29GR08D
	LAB ID:	39252-2	39252-1	39252-1MS	39252-1MSD	39252-9	39252-10
	LAB RCVD:	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94
PARAMETER	UNITS						
S Dimethylphthalate	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Fluoranthene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Fluorene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Hexachlorobenzene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Hexachlorobutadiene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Hexachlorocyclopentadiene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Hexachloroethane	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Indeno(1,2,3-cd)pyrene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Isophorone	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S N-Nitroso-di-n-propylamine	UG/L	11.0000 U	10.0000 U	43.0000	44.0000	12.0000 U	11.0000 U
S N-Nitrosodiphenylamine	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Naphthalene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Nitrobenzene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Pentachlorophenol	UG/L	27.0000 U	26.0000 U	67.0000	70.0000	29.0000 U	28.0000 U
S Phenanthrene	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S Phenol	UG/L	11.0000 U	10.0000 U	54.0000	57.0000	12.0000 U	11.0000 U
S Pyrene	UG/L	11.0000 U	10.0000 U	37.0000	41.0000	12.0000 U	11.0000 U
S bis(2-Chloroethoxy)methane	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S bis(2-Ethlyhexy)phthalate	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S bis(2-chloroethyl)ether	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
S bis(2-chloroisopropyl)ether	UG/L	11.0000 U	10.0000 U	11.0000 U	11.0000 U	12.0000 U	11.0000 U
V 1,1,1-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1,2,2-Tetrachloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1,2-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1-Dichloroethene	UG/L	10.0000 U	10.0000 U	48.0000	49.0000	10.0000 U	10.0000 U
V 1,2-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,2-Dichloroethene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,2-Dichloropropane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 2-Butanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 2-Hexanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 4-Methyl-2-Pentanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U

PENSACOLA SITE 29
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	UNITS	29GR06	29GR07	29GR07MS	29GR07MSD	29GR08	29GR08D
ENSAFE ID:		29GR06	29GR07	29GR07MS	29GR07MSD	29GR08	29GR08D
LAB ID:		39252-35	39252-34	39252-34MS	39252-34MSD	39252-42	39252-43
LAB RCVD:		02/09/94	02/09/94	02/09/94	02/09/94	02/09/94	02/09/94
V Acetone	UG/L	10.0000 U	67.0000 U	30.0000 U	29.0000 U	46.0000 U	46.0000 U
V Benzene	UG/L	10.0000 U	10.0000 U	48.0000	49.0000	10.0000 U	10.0000 U
V Bromodichloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Bromoform	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Bromomethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Carbon Disulfide	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Carbon Tetrachloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chlorobenzene	UG/L	10.0000 U	10.0000 U	53.0000	53.0000	10.0000 U	10.0000 U
V Chloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chloroform	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Dibromochloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Ethylbenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Methylene Chloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Styrene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Tetrachloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Toluene	UG/L	10.0000 U	10.0000 U	51.0000	52.0000	10.0000 U	10.0000 U
V Trichloroethene	UG/L	10.0000 U	10.0000 U	52.0000	53.0000	10.0000 U	10.0000 U
V Vinyl Chloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Xylene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V cis-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V trans-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 29
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

ENSAFE ID:		29GR09
LAB ID:		39252-016
LAB RCVD:		02/09/94
PARAMETER	UNITS	
I Aluminum	UG/L	295.0000
I Antimony	UG/L	15.6000 U
I Arsenic	UG/L	2.9000 U
I Barium	UG/L	7.9000 U
I Beryllium	UG/L	0.4000 U
I Cadmium	UG/L	2.1000 UJ
I Calcium	UG/L	23900.0000
I Chromium	UG/L	2.3000 U
I Cobalt	UG/L	3.2000 U
I Copper	UG/L	2.6000 U
I Cyanide	UG/L	1.2000 U
I Iron	UG/L	170.0000
I Lead	UG/L	0.7000 U
I Magnesium	UG/L	1070.0000
I Manganese	UG/L	69.1000
I Mercury	UG/L	0.1000 U
I Nickel	UG/L	10.4000 U
I Potassium	UG/L	6160.0000
I Selenium	UG/L	1.7000 U
I Silver	UG/L	3.6000 U
I Sodium	UG/L	3650.0000
I Thallium	UG/L	2.8000 U
I Vanadium	UG/L	6.3000
I Zinc	UG/L	7.8000
P 4,4'-DDD	UG/L	0.1100 U
P 4,4'-DDE	UG/L	0.1100 U
P 4,4'-DDT	UG/L	0.1100 U
P Aldrin	UG/L	0.0560 U
P Aroclor 1016	UG/L	1.1000 U
P Aroclor 1221	UG/L	2.2000 U
P Aroclor 1232	UG/L	1.1000 U

PENSACOLA SITE 29
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GR09					
	LAB ID:	39252-5					
	LAB RCVD:	02/09/94	.	.	.	.	.
PARAMETER	UNITS						
P Aroclor 1242	UG/L	1.1000 U	.	.	.	.	.
P Aroclor 1248	UG/L	1.1000 U	.	.	.	.	.
P Aroclor 1254	UG/L	1.1000 U	.	.	.	.	.
P Aroclor 1260	UG/L	1.1000 U	.	.	.	.	.
P Dieldrin	UG/L	0.1100 U	.	.	.	.	.
P Endosulfan I	UG/L	0.0560 U	.	.	.	.	.
P Endosulfan II	UG/L	0.1100 U	.	.	.	.	.
P Endosulfan sulfate	UG/L	0.1100 U	.	.	.	.	.
P Endrin	UG/L	0.1100 U	.	.	.	.	.
P Endrin aldehyde	UG/L	0.1100 U	.	.	.	.	.
P Endrin ketone	UG/L	0.1100 U	.	.	.	.	.
P Heptachlor	UG/L	0.0560 U	.	.	.	.	.
P Heptachlor epoxide	UG/L	0.0560 U	.	.	.	.	.
P Methoxychlor	UG/L	0.5600 U	.	.	.	.	.
P Toxaphene	UG/L	5.6000 U	.	.	.	.	.
P alpha-BHC	UG/L	0.0560 U	.	.	.	.	.
P alpha-Chlordane	UG/L	0.0560 U	.	.	.	.	.
P beta-BHC	UG/L	0.0560 U	.	.	.	.	.
P delta-BHC	UG/L	0.0560 U	.	.	.	.	.
P gamma-BHC (Lindane)	UG/L	0.0560 U	.	.	.	.	.
P gamma-Chlordane	UG/L	0.0560 U	.	.	.	.	.
S 1,2,4-Trichlorobenzene	UG/L	13.0000 U	.	.	.	.	.
S 1,2-Dichlorobenzene	UG/L	13.0000 U	.	.	.	.	.
S 1,3-Dichlorobenzene	UG/L	13.0000 U	.	.	.	.	.
S 1,4-Dichlorobenzene	UG/L	13.0000 U	.	.	.	.	.
S 2,4,5-Trichlorophenol	UG/L	32.0000 U	.	.	.	.	.
S 2,4,6-Trichlorophenol	UG/L	13.0000 U	.	.	.	.	.
S 2,4-Dichlorophenol	UG/L	13.0000 U	.	.	.	.	.
S 2,4-Dimethylphenol	UG/L	13.0000 U	.	.	.	.	.
S 2,4-Dinitrophenol	UG/L	32.0000 U	.	.	.	.	.
S 2,4-Dinitrotoluene	UG/L	13.0000 U	.	.	.	.	.
S 2,6-Dinitrotoluene	UG/L	13.0000 U	.	.	.	.	.

PENSACOLA SITE 29
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GR09					
	LAB ID:	39252-5					
	LAB RCVD:	02/09/94	.	.	.	.	.
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/L	13.0000 U	.	.	.	.	.
S 2-Chlorophenol	UG/L	13.0000 U	.	.	.	.	.
S 2-Methylnaphthalene	UG/L	13.0000 U	.	.	.	.	.
S 2-Methylphenol	UG/L	13.0000 U	.	.	.	.	.
S 2-Nitroaniline	UG/L	32.0000 U	.	.	.	.	.
S 2-Nitrophenol	UG/L	13.0000 U	.	.	.	.	.
S 3,3'-Dichlorobenzidine	UG/L	13.0000 U	.	.	.	.	.
S 3-Nitroaniline	UG/L	32.0000 U	.	.	.	.	.
S 4,6-Dinitro-2-methylphenol	UG/L	32.0000 U	.	.	.	.	.
S 4-Bromophenyl-phenylether	UG/L	13.0000 U	.	.	.	.	.
S 4-Chloro-3-methylphenol	UG/L	13.0000 U	.	.	.	.	.
S 4-Chloroaniline	UG/L	13.0000 U	.	.	.	.	.
S 4-Chlorophenyl-phenylether	UG/L	13.0000 U	.	.	.	.	.
S 4-Methylphenol	UG/L	13.0000 U	.	.	.	.	.
S 4-Nitroaniline	UG/L	32.0000 U	.	.	.	.	.
S 4-Nitrophenol	UG/L	32.0000 U	.	.	.	.	.
S Acenaphthene	UG/L	13.0000 U	.	.	.	.	.
S Acenaphthylene	UG/L	13.0000 U	.	.	.	.	.
S Anthracene	UG/L	13.0000 U	.	.	.	.	.
S Benzo(a)anthracene	UG/L	13.0000 U	.	.	.	.	.
S Benzo(a)pyrene	UG/L	13.0000 U	.	.	.	.	.
S Benzo(b)fluoranthene	UG/L	13.0000 U	.	.	.	.	.
S Benzo(g,h,i)perylene	UG/L	13.0000 U	.	.	.	.	.
S Benzo(k)fluoranthene	UG/L	13.0000 U	.	.	.	.	.
S Butylbenzylphthalate	UG/L	13.0000 U	.	.	.	.	.
S Carbazole	UG/L	13.0000 U	.	.	.	.	.
S Chrysene	UG/L	13.0000 U	.	.	.	.	.
S Di-n-butylphthalate	UG/L	13.0000 U	.	.	.	.	.
S Di-n-octylphthalate	UG/L	13.0000 U	.	.	.	.	.
S Dibenz(a,h)anthracene	UG/L	13.0000 U	.	.	.	.	.
S Dibenzofuran	UG/L	13.0000 U	.	.	.	.	.
S Diethylphthalate	UG/L	13.0000 U	.	.	.	.	.

PENSACOLA SITE 29
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GR09					
	LAB ID:	39252-5					
	LAB RCVD:	02/09/94	.	.	.	.	.
PARAMETER	UNITS						
S Dimethylphthalate	UG/L	13.0000 U	.	.	.	.	.
S Fluoranthene	UG/L	13.0000 U	.	.	.	.	.
S Fluorene	UG/L	13.0000 U	.	.	.	.	.
S Hexachlorobenzene	UG/L	13.0000 U	.	.	.	.	.
S Hexachlorobutadiene	UG/L	13.0000 U	.	.	.	.	.
S Hexachlorocyclopentadiene	UG/L	13.0000 U	.	.	.	.	.
S Hexachloroethane	UG/L	13.0000 U	.	.	.	.	.
S Indeno(1,2,3-cd)pyrene	UG/L	13.0000 U	.	.	.	.	.
S Isophorone	UG/L	13.0000 U	.	.	.	.	.
S N-Nitroso-di-n-propylamine	UG/L	13.0000 U	.	.	.	.	.
S N-Nitrosodiphenylamine	UG/L	13.0000 U	.	.	.	.	.
S Naphthalene	UG/L	13.0000 U	.	.	.	.	.
S Nitrobenzene	UG/L	13.0000 U	.	.	.	.	.
S Pentachlorophenol	UG/L	32.0000 U	.	.	.	.	.
S Phenanthrene	UG/L	13.0000 U	.	.	.	.	.
S Phenol	UG/L	13.0000 U	.	.	.	.	.
S Pyrene	UG/L	13.0000 U	.	.	.	.	.
S bis(2-Chloroethoxy)methane	UG/L	13.0000 U	.	.	.	.	.
S bis(2-Ethlyhexy)phthalate	UG/L	13.0000 U	.	.	.	.	.
S bis(2-chloroethyl)ether	UG/L	13.0000 U	.	.	.	.	.
S bis(2-chloroisopropyl)ether	UG/L	13.0000 U	.	.	.	.	.
V 1,1,1-Trichloroethane	UG/L	10.0000 U	.	.	.	.	.
V 1,1,2,2-Tetrachloroethane	UG/L	10.0000 U	.	.	.	.	.
V 1,1,2-Trichloroethane	UG/L	10.0000 U	.	.	.	.	.
V 1,1-Dichloroethane	UG/L	10.0000 U	.	.	.	.	.
V 1,1-Dichloroethene	UG/L	10.0000 U	.	.	.	.	.
V 1,2-Dichloroethane	UG/L	10.0000 U	.	.	.	.	.
V 1,2-Dichloroethene (total)	UG/L	10.0000 U	.	.	.	.	.
V 1,2-Dichloropropane	UG/L	10.0000 U	.	.	.	.	.
V 2-Butanone	UG/L	10.0000 U	.	.	.	.	.
V 2-Hexanone	UG/L	10.0000 U	.	.	.	.	.
V 4-Methyl-2-Pentanone	UG/L	10.0000 U	.	.	.	.	.

PENSACOLA SITE 29
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GR09					
	LAB ID:	39252-38					
	LAB RCVD:	02/09/94	.	.	.	.	.
PARAMETER	UNITS						
V Acetone	UG/L	10.0000 U	.	.	.	.	.
V Benzene	UG/L	10.0000 U	.	.	.	.	.
V Bromodichloromethane	UG/L	10.0000 U	.	.	.	.	.
V Bromoform	UG/L	10.0000 U	.	.	.	.	.
V Bromomethane	UG/L	10.0000 U	.	.	.	.	.
V Carbon Disulfide	UG/L	10.0000 U	.	.	.	.	.
V Carbon Tetrachloride	UG/L	10.0000 U	.	.	.	.	.
V Chlorobenzene	UG/L	10.0000 U	.	.	.	.	.
V Chloroethane	UG/L	10.0000 U	.	.	.	.	.
V Chloroform	UG/L	10.0000 U	.	.	.	.	.
V Chloromethane	UG/L	10.0000 U	.	.	.	.	.
V Dibromochloromethane	UG/L	10.0000 U	.	.	.	.	.
V Ethylbenzene	UG/L	10.0000 U	.	.	.	.	.
V Methylene Chloride	UG/L	10.0000 U	.	.	.	.	.
V Styrene	UG/L	10.0000 U	.	.	.	.	.
V Tetrachloroethene	UG/L	10.0000 U	.	.	.	.	.
V Toluene	UG/L	10.0000 U	.	.	.	.	.
V Trichloroethene	UG/L	10.0000 U	.	.	.	.	.
V Vinyl Chloride	UG/L	10.0000 U	.	.	.	.	.
V Xylene (total)	UG/L	10.0000 U	.	.	.	.	.
V cis-1,3-Dichloropropene	UG/L	10.0000 U	.	.	.	.	.
V trans-1,3-Dichloropropene	UG/L	10.0000 U	.	.	.	.	.

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA, FLORIDA

SITE 29

(BLANKS)

PENSACOLA SITE 29
SOIL BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	PBLK36-2	PBLK37	PBLK40	SBLK36-2	SBLK41	VBLK01
	LAB ID:	PBLK36-2	PBLK37	PBLK40	SBLK36-2	SBLK41	
	LAB RCVD:	.	.	.	02/05/94	02/05/94	.
PARAMETER	UNITS						
S Carbazole	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Chrysene	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Di-n-butylphthalate	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Di-n-octylphthalate	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Dibenz(a,h)anthracene	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Dibenzofuran	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Diethylphthalate	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Dimethylphthalate	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Fluoranthene	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Fluorene	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Hexachlorobenzene	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Hexachlorobutadiene	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Hexachlorocyclopentadiene	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Hexachloroethane	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Indeno(1,2,3-cd)pyrene	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Isophorone	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S N-Nitroso-di-n-propylamine	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S N-Nitrosodiphenylamine	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Naphthalene	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Nitrobenzene	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Pentachlorophenol	UG/KG	.	.	.	800.0000 U	800.0000 U	.
S Phenanthrene	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Phenol	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S Pyrene	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S bis(2-Chloroethoxy)methane	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S bis(2-Ethlyhexy)phthalate	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S bis(2-chloroethyl)ether	UG/KG	.	.	.	330.0000 U	330.0000 U	.
S bis(2-chloroisopropyl)ether	UG/KG	.	.	.	330.0000 U	330.0000 U	.
V 1,1,1-Trichloroethane	UG/KG	.	.	.	.	.	10.0000 U
V 1,1,2,2-Tetrachloroethane	UG/KG	.	.	.	.	.	10.0000 U
V 1,1,2-Trichloroethane	UG/KG	.	.	.	.	.	10.0000 U
V 1,1-Dichloroethane	UG/KG	.	.	.	.	.	10.0000 U

PENSACOLA SITE 29
SOIL BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	PBLK36-2	PBLK37	PBLK40	SBLK36-2	SBLK41	VBLK01
	LAB ID:	PBLK36-2	PBLK37	PBLK40	SBLK36-2	SBLK41	
	LAB RCVD:	.	.	.	02/05/94	02/05/94	.
PARAMETER	UNITS						
V 1,1-Dichloroethene	UG/KG	.	.	.	.	.	10.0000 U
V 1,2-Dichloroethane	UG/KG	.	.	.	.	.	10.0000 U
V 1,2-Dichloroethene (total)	UG/KG	.	.	.	.	.	10.0000 U
V 1,2-Dichloropropane	UG/KG	.	.	.	.	.	10.0000 U
V 2-Butanone	UG/KG	.	.	.	.	.	2.0000 J
V 2-Hexanone	UG/KG	.	.	.	.	.	5.0000 J
V 4-Methyl-2-Pentanone	UG/KG	.	.	.	.	.	10.0000 U
V Acetone	UG/KG	.	.	.	.	.	3.0000 J
V Benzene	UG/KG	.	.	.	.	.	10.0000 U
V Bromodichloromethane	UG/KG	.	.	.	.	.	10.0000 U
V Bromoform	UG/KG	.	.	.	.	.	10.0000 U
V Bromomethane	UG/KG	.	.	.	.	.	10.0000 U
V Carbon Disulfide	UG/KG	.	.	.	.	.	10.0000 U
V Carbon Tetrachloride	UG/KG	.	.	.	.	.	10.0000 U
V Chlorobenzene	UG/KG	.	.	.	.	.	10.0000 U
V Chloroethane	UG/KG	.	.	.	.	.	10.0000 U
V Chloroform	UG/KG	.	.	.	.	.	10.0000 U
V Chloromethane	UG/KG	.	.	.	.	.	10.0000 U
V Dibromochloromethane	UG/KG	.	.	.	.	.	10.0000 U
V Ethylbenzene	UG/KG	.	.	.	.	.	10.0000 U
V Methylene Chloride	UG/KG	.	.	.	.	.	10.0000 U
V Styrene	UG/KG	.	.	.	.	.	10.0000 U
V Tetrachloroethene	UG/KG	.	.	.	.	.	10.0000 U
V Toluene	UG/KG	.	.	.	.	.	10.0000 U
V Trichloroethene	UG/KG	.	.	.	.	.	10.0000 U
V Vinyl Chloride	UG/KG	.	.	.	.	.	10.0000 U
V Xylene (total)	UG/KG	.	.	.	.	.	10.0000 U
V cis-1,3-Dichloropropene	UG/KG	.	.	.	.	.	10.0000 U
V trans-1,3-Dichloropropene	UG/KG	.	.	.	.	.	10.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 29
SOIL BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	VBLK02	VBLK03				
	LAB ID:						
	LAB RCVD:	.	.	.	.	.	.
PARAMETER	UNITS						
		.	.	.	.	.	.
V 1,1,1-Trichloroethane	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V 1,1,2,2-Tetrachloroethane	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V 1,1,2-Trichloroethane	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V 1,1-Dichloroethane	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V 1,1-Dichloroethene	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V 1,2-Dichloroethane	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V 1,2-Dichloroethene (total)	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V 1,2-Dichloropropane	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V 2-Butanone	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V 2-Hexanone	UG/KG	4.0000 J	4.0000 J	.	.	.	.
V 4-Methyl-2-Pentanone	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Acetone	UG/KG	5.0000 J	3.0000 J	.	.	.	.
V Benzene	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Bromodichloromethane	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Bromoform	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Bromomethane	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Carbon Disulfide	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Carbon Tetrachloride	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Chlorobenzene	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Chloroethane	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Chloroform	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Chloromethane	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Dibromochloromethane	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Ethylbenzene	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Methylene Chloride	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Styrene	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Tetrachloroethene	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Toluene	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Trichloroethene	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Vinyl Chloride	UG/KG	10.0000 U	10.0000 U	.	.	.	.
V Xylene (total)	UG/KG	10.0000 U	10.0000 U	.	.	.	.

PENSACOLA SITE 29
SOIL BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	VBLK02	VBLK03					
	LAB ID:							
	LAB RCVD:	.	.	.	.	.	.	.
PARAMETER	UNITS							
V cis-1,3-Dichloropropene	UG/KG	10.0000 U	10.0000 U	.	.	.	.	
V trans-1,3-Dichloropropene	UG/KG	10.0000 U	10.0000 U	.	.	.	.	

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 29
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29SE03	29ST03	29ST05	70FB04	70FB04RE	GPCBLK01
	LAB ID:						GPCBLK01
	LAB RCVD:	02/05/94	02/04/94	02/05/94	02/05/94	02/05/94	.
PARAMETER	UNITS						
		.	.	.	.	.	.
I Aluminum	UG/L	29.0000 U	.	.	29.0000 U	.	.
I Antimony	UG/L	36.0000 U	.	.	36.0000 U	.	.
I Arsenic	UG/L	4.0000 U	.	.	4.0000 U	.	.
I Barium	UG/L	2.0000 U	.	.	2.0000 U	.	.
I Beryllium	UG/L	3.0000 U	.	.	3.0000 U	.	.
I Cadmium	UG/L	5.0000 U	.	.	5.0000 U	.	.
I Calcium	UG/L	34.0000 U	.	.	50.8000	.	.
I Chromium	UG/L	4.0000 U	.	.	4.0000 U	.	.
I Cobalt	UG/L	6.0000 U	.	.	6.0000 U	.	.
I Copper	UG/L	3.0000 U	.	.	3.0000 U	.	.
I Cyanide	UG/L	10.0000 U	.	.	10.0000 U	.	.
I Iron	UG/L	16.8000 J	.	.	18.8000 J	.	.
I Lead	UG/L	2.0000 U	.	.	2.0000 U	.	.
I Magnesium	UG/L	19.0000 U	.	.	19.0000 U	.	.
I Manganese	UG/L	4.0000 U	.	.	4.0000 U	.	.
I Mercury	UG/L	0.2000 U	.	.	0.2000 U	.	.
I Nickel	UG/L	15.0000 U	.	.	15.0000 U	.	.
I Potassium	UG/L	469.0000 U	.	.	469.0000 U	.	.
I Selenium	UG/L	5.0000 U	.	.	5.0000 U	.	.
I Silver	UG/L	6.0000 U	.	.	6.0000 U	.	.
I Sodium	UG/L	9.0000 U	.	.	15.8000	.	.
I Thallium	UG/L	8.0000 U	.	.	8.0000 U	.	.
I Vanadium	UG/L	6.0000 U	.	.	6.0000 U	.	.
I Zinc	UG/L	9.0000 U	.	.	12.0000	.	.
P 4,4'-DDD	UG/L	0.1000 UJ	.	.	0.1200 UJ	.	9.9000 U
P 4,4'-DDE	UG/L	0.1000 UJ	.	.	0.1200 UJ	.	9.9000 U
P 4,4'-DDT	UG/L	0.1000 UJ	.	.	0.1200 UJ	.	9.9000 U
P Aldrin	UG/L	0.0500 UJ	.	.	0.0600 UJ	.	5.1000 U
P Aroclor 1016	UG/L	1.0000 UJ	.	.	1.2000 UJ	.	.
P Aroclor 1221	UG/L	2.1000 UJ	.	.	2.4000 UJ	.	.
P Aroclor 1232	UG/L	1.0000 UJ	.	.	1.2000 UJ	.	.

PENSACOLA SITE 29
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	29SE03 / 1908.9 / 02/05/94	29ST03 / / 02/04/94	29ST05 / / 02/05/94	70FB04 / 1909.7 / 02/05/94	70FB04RE / / 02/05/94	GPCBLK01 / GPCBLK01 / .
P Aroclor 1242	UG/L	1.0000 UJ	.	.	1.2000 UJ	.	.
P Aroclor 1248	UG/L	1.0000 UJ	.	.	1.2000 UJ	.	.
P Aroclor 1254	UG/L	1.0000 UJ	.	.	1.2000 UJ	.	.
P Aroclor 1260	UG/L	1.0000 UJ	.	.	1.2000 UJ	.	.
P Dieldrin	UG/L	0.1000 UJ	.	.	0.1200 UJ	.	9.9000 U
P Endosulfan I	UG/L	0.0500 UJ	.	.	0.0600 UJ	.	5.1000 U
P Endosulfan II	UG/L	0.1000 UJ	.	.	0.1200 UJ	.	9.9000 U
P Endosulfan sulfate	UG/L	0.1000 UJ	.	.	0.1200 UJ	.	9.9000 U
P Endrin	UG/L	0.1000 UJ	.	.	0.1200 UJ	.	9.9000 U
P Endrin aldehyde	UG/L	0.1000 UJ	.	.	0.1200 UJ	.	9.9000 U
P Endrin ketone	UG/L	0.1000 UJ	.	.	0.1200 UJ	.	9.9000 U
P Heptachlor	UG/L	0.0500 UJ	.	.	0.0600 UJ	.	0.4600 J
P Heptachlor epoxide	UG/L	0.0500 UJ	.	.	0.0600 UJ	.	5.1000 U
P Methoxychlor	UG/L	0.5200 UJ	.	.	0.5900 UJ	.	1.4000 J
P Toxaphene	UG/L	5.2000 UJ	.	.	5.9000 UJ	.	.
P alpha-BHC	UG/L	0.0500 UJ	.	.	0.0600 UJ	.	5.1000 U
P alpha-Chlordane	UG/L	0.0500 UJ	.	.	0.0600 UJ	.	5.1000 U
P beta-BHC	UG/L	0.0500 UJ	.	.	0.0600 UJ	.	5.1000 U
P delta-BHC	UG/L	0.0500 UJ	.	.	0.0600 UJ	.	5.1000 U
P gamma-BHC (Lindane)	UG/L	0.0500 UJ	.	.	0.0600 UJ	.	5.1000 U
P gamma-Chlordane	UG/L	0.0500 UJ	.	.	0.0600 UJ	.	0.1700 J
S 1,2,4-Trichlorobenzene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 1,2-Dichlorobenzene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 1,3-Dichlorobenzene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 1,4-Dichlorobenzene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 2,4,5-Trichlorophenol	UG/L	27.0000 U	.	.	28.0000 U	.	.
S 2,4,6-Trichlorophenol	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 2,4-Dichlorophenol	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 2,4-Dimethylphenol	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 2,4-Dinitrophenol	UG/L	27.0000 U	.	.	28.0000 U	.	.
S 2,4-Dinitrotoluene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 2,6-Dinitrotoluene	UG/L	11.0000 U	.	.	11.0000 U	.	.

PENSACOLA SITE 29
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29SE03	29ST03	29ST05	70FB04	70FB04RE	GPCBLK01
	LAB ID:	1908.9			1909.7		GPCBLK01
	LAB RCVD:	02/05/94	02/04/94	02/05/94	02/05/94	02/05/94	.
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 2-Chlorophenol	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 2-Methylnaphthalene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 2-Methylphenol	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 2-Nitroaniline	UG/L	27.0000 U	.	.	28.0000 U	.	.
S 2-Nitrophenol	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 3,3'-Dichlorobenzidine	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 3-Nitroaniline	UG/L	27.0000 U	.	.	28.0000 U	.	.
S 4,6-Dinitro-2-methylphenol	UG/L	27.0000 U	.	.	28.0000 U	.	.
S 4-Bromophenyl-phenylether	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 4-Chloro-3-methylphenol	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 4-Chloroaniline	UG/L	11.0000 UJ	.	.	11.0000 UJ	.	.
S 4-Chlorophenyl-phenylether	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 4-Methylphenol	UG/L	11.0000 U	.	.	11.0000 U	.	.
S 4-Nitroaniline	UG/L	27.0000 U	.	.	28.0000 U	.	.
S 4-Nitrophenol	UG/L	27.0000 U	.	.	28.0000 U	.	.
S Acenaphthene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Acenaphthylene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Anthracene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Benzo(a)anthracene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Benzo(a)pyrene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Benzo(b)fluoranthene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Benzo(g,h,i)perylene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Benzo(k)fluoranthene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Butylbenzylphthalate	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Carbazole	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Chrysene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Di-n-butylphthalate	UG/L	4.0000 J	.	.	5.0000 J	.	.
S Di-n-octylphthalate	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Dibenz(a,h)anthracene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Dibenzofuran	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Diethylphthalate	UG/L	11.0000 U	.	.	11.0000 U	.	.

PENSACOLA SITE 29
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	UNITS	29SE03	29ST03	29ST05	70FB04	70FB04RE	GPCBLK01
ENSAFE ID:		29SE03	29ST03	29ST05	70FB04	70FB04RE	GPCBLK01
LAB ID:		1908.9			1909.7		GPCBLK01
LAB RCVD:		02/05/94	02/04/94	02/05/94	02/05/94	02/05/94	.
S Dimethylphthalate	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Fluoranthene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Fluorene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Hexachlorobenzene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Hexachlorobutadiene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Hexachlorocyclopentadiene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Hexachloroethane	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Indeno(1,2,3-cd)pyrene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Isophorone	UG/L	11.0000 U	.	.	11.0000 U	.	.
S N-Nitroso-di-n-propylamine	UG/L	11.0000 U	.	.	11.0000 U	.	.
S N-Nitrosodiphenylamine	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Naphthalene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Nitrobenzene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Pentachlorophenol	UG/L	27.0000 U	.	.	28.0000 U	.	.
S Phenanthrene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Phenol	UG/L	11.0000 U	.	.	11.0000 U	.	.
S Pyrene	UG/L	11.0000 U	.	.	11.0000 U	.	.
S bis(2-Chloroethoxy)methane	UG/L	11.0000 U	.	.	11.0000 U	.	.
S bis(2-Ethlyhexy)phthalate	UG/L	3.0000 J	.	.	5.0000 J	.	.
S bis(2-chloroethyl)ether	UG/L	11.0000 U	.	.	11.0000 U	.	.
S bis(2-chloroisopropyl)ether	UG/L	11.0000 U	.	.	11.0000 U	.	.
V 1,1,1-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V 1,1,2,2-Tetrachloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V 1,1,2-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V 1,1-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V 1,1-Dichloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V 1,2-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V 1,2-Dichloroethene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V 1,2-Dichloropropane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V 2-Butanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V 2-Hexanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V 4-Methyl-2-Pentanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.

PENSACOLA SITE 29
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	29SE03	29ST03	29ST05	70FB04	70FB04RE	GPCBLK01 / GPCBLK01 / .
V Acetone	UG/L	47.0000	3.0000 J	4.0000 J	12.0000	8.0000 J	.
V Benzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V Bromodichloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V Bromoform	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V Bromomethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V Carbon Disulfide	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V Carbon Tetrachloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V Chlorobenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V Chloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V Chloroform	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V Chloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V Dibromochloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V Ethylbenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V Methylene Chloride	UG/L	10.0000 U	2.0000 J	2.0000 J	10.0000 U	10.0000 U	.
V Styrene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V Tetrachloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V Toluene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V Trichloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V Vinyl Chloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V Xylene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V cis-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.
V trans-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	.

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 29
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	PBLK36-3	PIBLK01	PIBLK02	PIBLK03	PIBLK04	PIBLK14
		PBLK36-3	PIBLK01	PIBLK02	PIBLK03	PIBLK04	PIBLK14
		.	.	.	.	.	.
P 4,4'-DDD	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P 4,4'-DDE	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P 4,4'-DDT	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Aldrin	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P Aroclor 1016	UG/L	1.0000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U
P Aroclor 1221	UG/L	2.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1232	UG/L	1.0000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U
P Aroclor 1242	UG/L	1.0000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U
P Aroclor 1248	UG/L	1.0000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U
P Aroclor 1254	UG/L	1.0000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U
P Aroclor 1260	UG/L	1.0000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U
P Dieldrin	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Endosulfan I	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P Endosulfan II	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Endosulfan sulfate	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Endrin	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Endrin aldehyde	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Endrin ketone	UG/L	0.1000 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Heptachlor	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P Heptachlor epoxide	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P Methoxychlor	UG/L	0.5000 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U	0.2500 U
P Toxaphene	UG/L	5.0000 U	2.5000 U	2.5000 U	2.5000 U	2.5000 U	2.5000 U
P alpha-BHC	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P alpha-Chlordane	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P beta-BHC	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P delta-BHC	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P gamma-BHC (Lindane)	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
P gamma-Chlordane	UG/L	0.0500 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 29
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	PIBLK15	SBLK36-3				
	LAB ID:	PIBLK15	SBLK36-3				
	LAB RCVD:	.	02/05/94	.	.	.	.
PARAMETER	UNITS						
P 4,4'-DDD	UG/L	0.0500 U	.	.	.	.	.
P 4,4'-DDE	UG/L	0.0500 U	.	.	.	.	.
P 4,4'-DDT	UG/L	0.0500 U	.	.	.	.	.
P Aldrin	UG/L	0.0200 U	.	.	.	.	.
P Aroclor 1016	UG/L	0.5000 U	.	.	.	.	.
P Aroclor 1221	UG/L	1.0000 U	.	.	.	.	.
P Aroclor 1232	UG/L	0.5000 U	.	.	.	.	.
P Aroclor 1242	UG/L	0.5000 U	.	.	.	.	.
P Aroclor 1248	UG/L	0.5000 U	.	.	.	.	.
P Aroclor 1254	UG/L	0.5000 U	.	.	.	.	.
P Aroclor 1260	UG/L	0.5000 U	.	.	.	.	.
P Dieldrin	UG/L	0.0500 U	.	.	.	.	.
P Endosulfan I	UG/L	0.0200 U	.	.	.	.	.
P Endosulfan II	UG/L	0.0500 U	.	.	.	.	.
P Endosulfan sulfate	UG/L	0.0500 U	.	.	.	.	.
P Endrin	UG/L	0.0500 U	.	.	.	.	.
P Endrin aldehyde	UG/L	0.0500 U	.	.	.	.	.
P Endrin ketone	UG/L	0.0500 U	.	.	.	.	.
P Heptachlor	UG/L	0.0200 U	.	.	.	.	.
P Heptachlor epoxide	UG/L	0.0200 U	.	.	.	.	.
P Methoxychlor	UG/L	0.2500 U	.	.	.	.	.
P Toxaphene	UG/L	2.5000 U	.	.	.	.	.
P alpha-BHC	UG/L	0.0200 U	.	.	.	.	.
P alpha-Chlordane	UG/L	0.0200 U	.	.	.	.	.
P beta-BHC	UG/L	0.0200 U	.	.	.	.	.
P delta-BHC	UG/L	0.0200 U	.	.	.	.	.
P gamma-BHC (Lindane)	UG/L	0.0200 U	.	.	.	.	.
P gamma-Chlordane	UG/L	0.0200 U	.	.	.	.	.
S 1,2,4-Trichlorobenzene	UG/L	.	10.0000 U	.	.	.	.
S 1,2-Dichlorobenzene	UG/L	.	10.0000 U	.	.	.	.
S 1,3-Dichlorobenzene	UG/L	.	10.0000 U	.	.	.	.

PENSACOLA SITE 29
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	PIBLK15	SBLK36-3				
	LAB ID:	PIBLK15	SBLK36-3				
	LAB RCVD:	.	02/05/94	.	.	.	.
PARAMETER	UNITS						
S 1,4-Dichlorobenzene	UG/L	.	10.0000 U	.	.	.	.
S 2,4,5-Trichlorophenol	UG/L	.	25.0000 U	.	.	.	.
S 2,4,6-Trichlorophenol	UG/L	.	10.0000 U	.	.	.	.
S 2,4-Dichlorophenol	UG/L	.	10.0000 U	.	.	.	.
S 2,4-Dimethylphenol	UG/L	.	10.0000 U	.	.	.	.
S 2,4-Dinitrophenol	UG/L	.	25.0000 U	.	.	.	.
S 2,4-Dinitrotoluene	UG/L	.	10.0000 U	.	.	.	.
S 2,6-Dinitrotoluene	UG/L	.	10.0000 U	.	.	.	.
S 2-Chloronaphthalene	UG/L	.	10.0000 U	.	.	.	.
S 2-Chlorophenol	UG/L	.	10.0000 U	.	.	.	.
S 2-Methylnaphthalene	UG/L	.	10.0000 U	.	.	.	.
S 2-Methylphenol	UG/L	.	10.0000 U	.	.	.	.
S 2-Nitroaniline	UG/L	.	25.0000 U	.	.	.	.
S 2-Nitrophenol	UG/L	.	10.0000 U	.	.	.	.
S 3,3'-Dichlorobenzidine	UG/L	.	10.0000 U	.	.	.	.
S 3-Nitroaniline	UG/L	.	25.0000 U	.	.	.	.
S 4,6-Dinitro-2-methylphenol	UG/L	.	25.0000 U	.	.	.	.
S 4-Bromophenyl-phenylether	UG/L	.	10.0000 U	.	.	.	.
S 4-Chloro-3-methylphenol	UG/L	.	10.0000 U	.	.	.	.
S 4-Chloroaniline	UG/L	.	10.0000 U	.	.	.	.
S 4-Chlorophenyl-phenylether	UG/L	.	10.0000 U	.	.	.	.
S 4-Methylphenol	UG/L	.	10.0000 U	.	.	.	.
S 4-Nitroaniline	UG/L	.	25.0000 U	.	.	.	.
S 4-Nitrophenol	UG/L	.	25.0000 U	.	.	.	.
S Acenaphthene	UG/L	.	10.0000 U	.	.	.	.
S Acenaphthylene	UG/L	.	10.0000 U	.	.	.	.
S Anthracene	UG/L	.	10.0000 U	.	.	.	.
S Benzo(a)anthracene	UG/L	.	10.0000 U	.	.	.	.
S Benzo(a)pyrene	UG/L	.	10.0000 U	.	.	.	.
S Benzo(b)fluoranthene	UG/L	.	10.0000 U	.	.	.	.
S Benzo(g,h,i)perylene	UG/L	.	10.0000 U	.	.	.	.
S Benzo(k)fluoranthene	UG/L	.	10.0000 U	.	.	.	.

PENSACOLA SITE 29
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:		PIBLK15	SBLK36-3			
	LAB ID:		PIBLK15	SBLK36-3			
	LAB RCVD:		.	02/05/94	.	.	.
PARAMETER		UNITS					
S Butylbenzylphthalate		UG/L	.	10.0000 U	.	.	.
S Carbazole		UG/L	.	10.0000 U	.	.	.
S Chrysene		UG/L	.	10.0000 U	.	.	.
S Di-n-butylphthalate		UG/L	.	4.0000 J	.	.	.
S Di-n-octylphthalate		UG/L	.	10.0000 U	.	.	.
S Dibenz(a,h)anthracene		UG/L	.	10.0000 U	.	.	.
S Dibenzofuran		UG/L	.	10.0000 U	.	.	.
S Diethylphthalate		UG/L	.	10.0000 U	.	.	.
S Dimethylphthalate		UG/L	.	10.0000 U	.	.	.
S Fluoranthene		UG/L	.	10.0000 U	.	.	.
S Fluorene		UG/L	.	10.0000 U	.	.	.
S Hexachlorobenzene		UG/L	.	10.0000 U	.	.	.
S Hexachlorobutadiene		UG/L	.	10.0000 U	.	.	.
S Hexachlorocyclopentadiene		UG/L	.	10.0000 U	.	.	.
S Hexachloroethane		UG/L	.	10.0000 U	.	.	.
S Indeno(1,2,3-cd)pyrene		UG/L	.	10.0000 U	.	.	.
S Isophorone		UG/L	.	10.0000 U	.	.	.
S N-Nitroso-di-n-propylamine		UG/L	.	10.0000 U	.	.	.
S N-Nitrosodiphenylamine		UG/L	.	10.0000 U	.	.	.
S Naphthalene		UG/L	.	10.0000 U	.	.	.
S Nitrobenzene		UG/L	.	10.0000 U	.	.	.
S Pentachlorophenol		UG/L	.	25.0000 U	.	.	.
S Phenanthrene		UG/L	.	10.0000 U	.	.	.
S Phenol		UG/L	.	10.0000 U	.	.	.
S Pyrene		UG/L	.	10.0000 U	.	.	.
S bis(2-Chloroethoxy)methane		UG/L	.	10.0000 U	.	.	.
S bis(2-Ethlyhexy)phthalate		UG/L	.	3.0000 J	.	.	.
S bis(2-chloroethyl)ether		UG/L	.	10.0000 U	.	.	.
S bis(2-chloroisopropyl)ether		UG/L	.	10.0000 U	.	.	.

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 29
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GE01	29GT01				
	LAB ID:	39252-046	39252-49				
	LAB RCVD:	02/09/94	02/09/94				
PARAMETER	UNITS						
I Aluminum	UG/L	17.9000 U	.	.	.	.	.
I Antimony	UG/L	15.6000 U	.	.	.	.	.
I Arsenic	UG/L	2.9000 U	.	.	.	.	.
I Barium	UG/L	2.4000 U	.	.	.	.	.
I Beryllium	UG/L	0.4000 U	.	.	.	.	.
I Cadmium	UG/L	2.1000 UJ	.	.	.	.	.
I Calcium	UG/L	48.9000 J	.	.	.	.	.
I Chromium	UG/L	2.3000 U	.	.	.	.	.
I Cobalt	UG/L	3.2000 U	.	.	.	.	.
I Copper	UG/L	2.6000 U	.	.	.	.	.
I Cyanide	UG/L	1.0000 U	.	.	.	.	.
I Iron	UG/L	8.5000 U	.	.	.	.	.
I Lead	UG/L	0.7000 U	.	.	.	.	.
I Magnesium	UG/L	22.0000 U	.	.	.	.	.
I Manganese	UG/L	1.0000 U	.	.	.	.	.
I Mercury	UG/L	0.1000 U	.	.	.	.	.
I Nickel	UG/L	10.4000 U	.	.	.	.	.
I Potassium	UG/L	649.0000 U	.	.	.	.	.
I Selenium	UG/L	1.7000 U	.	.	.	.	.
I Silver	UG/L	3.6000 U	.	.	.	.	.
I Sodium	UG/L	28.5000 J	.	.	.	.	.
I Thallium	UG/L	2.8000 U	.	.	.	.	.
I Vanadium	UG/L	3.3000 U	.	.	.	.	.
I Zinc	UG/L	2.9000 J	.	.	.	.	.
P 4,4'-DDD	UG/L	0.1200 U	.	.	.	.	.
P 4,4'-DDE	UG/L	0.1200 U	.	.	.	.	.
P 4,4'-DDT	UG/L	0.1200 U	.	.	.	.	.
P Aldrin	UG/L	0.0580 U	.	.	.	.	.
P Aroclor 1016	UG/L	1.2000 U	.	.	.	.	.
P Aroclor 1221	UG/L	2.3000 U	.	.	.	.	.
P Aroclor 1232	UG/L	1.2000 U	.	.	.	.	.
P Aroclor 1242	UG/L	1.2000 U	.	.	.	.	.

PENSACOLA SITE 29
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GE01	29GT01				
	LAB ID:	39252-45	39252-49				
	LAB RCVD:	02/09/94	02/09/94	.	.	.	.
PARAMETER	UNITS						
P Aroclor 1248	UG/L	1.2000 U	.	.	.	.	.
P Aroclor 1254	UG/L	1.2000 U	.	.	.	.	.
P Aroclor 1260	UG/L	1.2000 U	.	.	.	.	.
P Dieldrin	UG/L	0.1200 U	.	.	.	.	.
P Endosulfan I	UG/L	0.0580 U	.	.	.	.	.
P Endosulfan II	UG/L	0.1200 U	.	.	.	.	.
P Endosulfan sulfate	UG/L	0.1200 U	.	.	.	.	.
P Endrin	UG/L	0.1200 U	.	.	.	.	.
P Endrin aldehyde	UG/L	0.1200 U	.	.	.	.	.
P Endrin ketone	UG/L	0.1200 U	.	.	.	.	.
P Heptachlor	UG/L	0.0580 U	.	.	.	.	.
P Heptachlor epoxide	UG/L	0.0580 U	.	.	.	.	.
P Methoxychlor	UG/L	0.5800 U	.	.	.	.	.
P Toxaphene	UG/L	5.8000 U	.	.	.	.	.
P alpha-BHC	UG/L	0.0580 U	.	.	.	.	.
P alpha-Chlordane	UG/L	0.0580 U	.	.	.	.	.
P beta-BHC	UG/L	0.0580 U	.	.	.	.	.
P delta-BHC	UG/L	0.0580 U	.	.	.	.	.
P gamma-BHC (Lindane)	UG/L	0.0580 U	.	.	.	.	.
P gamma-Chlordane	UG/L	0.0580 U	.	.	.	.	.
S 1,2,4-Trichlorobenzene	UG/L	12.0000 U	.	.	.	.	.
S 1,2-Dichlorobenzene	UG/L	12.0000 U	.	.	.	.	.
S 1,3-Dichlorobenzene	UG/L	12.0000 U	.	.	.	.	.
S 1,4-Dichlorobenzene	UG/L	12.0000 U	.	.	.	.	.
S 2,4,5-Trichlorophenol	UG/L	31.0000 U	.	.	.	.	.
S 2,4,6-Trichlorophenol	UG/L	12.0000 U	.	.	.	.	.
S 2,4-Dichlorophenol	UG/L	12.0000 U	.	.	.	.	.
S 2,4-Dimethylphenol	UG/L	12.0000 U	.	.	.	.	.
S 2,4-Dinitrophenol	UG/L	31.0000 U	.	.	.	.	.
S 2,4-Dinitrotoluene	UG/L	12.0000 U	.	.	.	.	.
S 2,6-Dinitrotoluene	UG/L	12.0000 U	.	.	.	.	.
S 2-Chloronaphthalene	UG/L	12.0000 U	.	.	.	.	.

PENSACOLA SITE 29
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GE01	29GT01				
	LAB ID:	39252-45	39252-49				
	LAB RCVD:	02/09/94	02/09/94				
PARAMETER	UNITS						
S 2-Chlorophenol	UG/L	12.0000 U	.	.	.	.	.
S 2-Methylnaphthalene	UG/L	12.0000 U	.	.	.	.	.
S 2-Methylphenol	UG/L	12.0000 U	.	.	.	.	.
S 2-Nitroaniline	UG/L	31.0000 U	.	.	.	.	.
S 2-Nitrophenol	UG/L	12.0000 U	.	.	.	.	.
S 3,3'-Dichlorobenzidine	UG/L	12.0000 U	.	.	.	.	.
S 3-Nitroaniline	UG/L	31.0000 U	.	.	.	.	.
S 4,6-Dinitro-2-methylphenol	UG/L	31.0000 U	.	.	.	.	.
S 4-Bromophenyl-phenylether	UG/L	12.0000 U	.	.	.	.	.
S 4-Chloro-3-methylphenol	UG/L	12.0000 U	.	.	.	.	.
S 4-Chloroaniline	UG/L	12.0000 U	.	.	.	.	.
S 4-Chlorophenyl-phenylether	UG/L	12.0000 U	.	.	.	.	.
S 4-Methylphenol	UG/L	12.0000 U	.	.	.	.	.
S 4-Nitroaniline	UG/L	31.0000 U	.	.	.	.	.
S 4-Nitrophenol	UG/L	31.0000 U	.	.	.	.	.
S Acenaphthene	UG/L	12.0000 U	.	.	.	.	.
S Acenaphthylene	UG/L	12.0000 U	.	.	.	.	.
S Anthracene	UG/L	12.0000 U	.	.	.	.	.
S Benzo(a)anthracene	UG/L	12.0000 U	.	.	.	.	.
S Benzo(a)pyrene	UG/L	12.0000 U	.	.	.	.	.
S Benzo(b)fluoranthene	UG/L	12.0000 U	.	.	.	.	.
S Benzo(g,h,i)perylene	UG/L	12.0000 U	.	.	.	.	.
S Benzo(k)fluoranthene	UG/L	12.0000 U	.	.	.	.	.
S Butylbenzylphthalate	UG/L	12.0000 U	.	.	.	.	.
S Carbazole	UG/L	12.0000 U	.	.	.	.	.
S Chrysene	UG/L	12.0000 U	.	.	.	.	.
S Di-n-butylphthalate	UG/L	12.0000 U	.	.	.	.	.
S Di-n-octylphthalate	UG/L	12.0000 U	.	.	.	.	.
S Dibenz(a,h)anthracene	UG/L	12.0000 U	.	.	.	.	.
S Dibenzofuran	UG/L	12.0000 U	.	.	.	.	.
S Diethylphthalate	UG/L	12.0000 U	.	.	.	.	.
S Dimethylphthalate	UG/L	12.0000 U	.	.	.	.	.

PENSACOLA SITE 29
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GE01	29GT01				
	LAB ID:	39252-45	39252-49				
	LAB RCVD:	02/09/94	02/09/94	.	.	.	.
PARAMETER	UNITS						
S Fluoranthene	UG/L	12.0000 U	.	.	.	.	.
S Fluorene	UG/L	12.0000 U	.	.	.	.	.
S Hexachlorobenzene	UG/L	12.0000 U	.	.	.	.	.
S Hexachlorobutadiene	UG/L	12.0000 U	.	.	.	.	.
S Hexachlorocyclopentadiene	UG/L	12.0000 U	.	.	.	.	.
S Hexachloroethane	UG/L	12.0000 U	.	.	.	.	.
S Indeno(1,2,3-cd)pyrene	UG/L	12.0000 U	.	.	.	.	.
S Isophorone	UG/L	12.0000 U	.	.	.	.	.
S N-Nitroso-di-n-propylamine	UG/L	12.0000 U	.	.	.	.	.
S N-Nitrosodiphenylamine	UG/L	12.0000 U	.	.	.	.	.
S Naphthalene	UG/L	12.0000 U	.	.	.	.	.
S Nitrobenzene	UG/L	12.0000 U	.	.	.	.	.
S Pentachlorophenol	UG/L	31.0000 U	.	.	.	.	.
S Phenanthrene	UG/L	12.0000 U	.	.	.	.	.
S Phenol	UG/L	12.0000 U	.	.	.	.	.
S Pyrene	UG/L	12.0000 U	.	.	.	.	.
S bis(2-Chloroethoxy)methane	UG/L	12.0000 U	.	.	.	.	.
S bis(2-Ethlyhexy)phthalate	UG/L	12.0000 U	.	.	.	.	.
S bis(2-chloroethyl)ether	UG/L	12.0000 U	.	.	.	.	.
S bis(2-chloroisopropyl)ether	UG/L	12.0000 U	.	.	.	.	.
V 1,1,1-Trichloroethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 1,1,2,2-Tetrachloroethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 1,1,2-Trichloroethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 1,1-Dichloroethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 1,1-Dichloroethene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 1,2-Dichloroethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 1,2-Dichloroethene (total)	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 1,2-Dichloropropane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 2-Butanone	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 2-Hexanone	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 4-Methyl-2-Pentanone	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Acetone	UG/L	10.0000 U	11.0000 J	.	.	.	.

PENSACOLA SITE 29
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	29GE01	29GT01	.	.	.	.
	LAB ID:	39252-48	39252-49				
	LAB RCVD:	02/09/94	02/09/94				
PARAMETER	UNITS						
V Benzene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Bromodichloromethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Bromoform	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Bromomethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Carbon Disulfide	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Carbon Tetrachloride	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Chlorobenzene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Chloroethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Chloroform	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Chloromethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Dibromochloromethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Ethylbenzene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Methylene Chloride	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Styrene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Tetrachloroethene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Toluene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Trichloroethene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Vinyl Chloride	UG/L	10.0000 U	10.0000 U	.	.	.	.
V Xylene (total)	UG/L	10.0000 U	10.0000 U	.	.	.	.
V cis-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	.	.	.	.
V trans-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	.	.	.	.

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA, FLORIDA

SITE 34

PENSACOLA SITE 34
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34S0101	34S0101D	34S0103	34S0105	34S0107	34S0109
	LAB ID:	39234-014	39234-015	39234-016	39234-017	39234-018	39234-019
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS						
I Aluminum	MG/KG	563.0000	487.0000	614.0000	559.0000	399.0000	327.0000
I Antimony	MG/KG	3.2000 UJ	2.8000 UJ	2.5000 UJ	3.1000 UJ	2.6000 UJ	2.9000 UJ
I Arsenic	MG/KG	0.6000 U	0.5200 U	0.4600 U	0.5800 U	0.4800 U	0.5400 U
I Barium	MG/KG	1.1000 U	1.0000 U	2.3000 U	1.0000 U	0.7200 U	1.2000 U
I Beryllium	MG/KG	0.0800 U	0.0700 U	0.0600 U	0.0800 U	0.0700 U	0.0700 U
I Cadmium	MG/KG	0.4300 U	0.3800 U	0.3400 U	0.4200 U	0.3500 U	0.3900 U
I Calcium	MG/KG	133.0000 U	136.0000 U	3260.0000	72.7000 U	87.0000 U	141.0000 U
I Chromium	MG/KG	1.0000 U	1.0000 U	1.1000 U	1.8000 U	2.8000 U	5.4000 U
I Cobalt	MG/KG	0.8700 U	1.3000	0.5100 U	0.6400 U	0.5300 U	0.6000 U
I Copper	MG/KG	0.5400 U	0.4700 U	0.4200 U	0.5200 U	0.4300 U	0.4900 U
I Cyanide	MG/KG	0.0900 U	0.0900 U	0.1000 U	0.0900 U	0.0800 U	0.1000 U
I Iron	MG/KG	388.0000	361.0000	506.0000	428.0000	204.0000	207.0000
I Lead	MG/KG	0.8800	1.2000 U	689.0000	1.8000	1.6000 U	89.0000
I Magnesium	MG/KG	12.4000 U	11.1000 U	75.7000 U	16.2000 U	9.9000 U	13.0000 U
I Manganese	MG/KG	10.0000	7.8000 U	14.0000	1.6000 U	1.4000 U	5.0000 U
I Mercury	MG/KG	0.0400 U	0.0400 U	0.0400 U	0.0400 U	0.0400 U	0.0800 U
I Nickel	MG/KG	2.1000 U	1.9000 U	1.7000 U	2.1000 U	1.7000 U	1.9000 U
I Potassium	MG/KG	134.0000 U	117.0000 U	104.0000 U	129.0000 U	108.0000 U	121.0000 U
I Selenium	MG/KG	0.3500 U	0.3100 U	0.2700 U	0.3400 U	0.2800 U	0.3200 U
I Silver	MG/KG	0.7400 U	0.6500 U	0.5800 U	0.7200 U	0.6000 U	0.6700 U
I Sodium	MG/KG	10.1000 U	11.7000 U	11.6000 U	13.3000 U	9.2000 U	10.7000 U
I Thallium	MG/KG	0.5800 U	0.5100 U	0.4500 U	0.5600 U	0.4600 U	0.5200 U
I Vanadium	MG/KG	1.2000 U	0.9700 U	1.0000 U	0.8400 U	0.6700 U	0.8300 U
I Zinc	MG/KG	1.4000 U	1.5000 U	3.7000	1.1000 U	1.3000 U	1.8000 U
P 4,4'-DDD	UG/KG	3.5000 U	3.5000 U	3.5000 U	3.5000 U	3.4000 U	3.8000 U
P 4,4'-DDE	UG/KG	3.5000 U	3.5000 U	3.5000 U	3.5000 U	3.4000 U	3.8000 U
P 4,4'-DDT	UG/KG	3.5000 U	3.5000 U	3.5000 U	3.5000 U	3.4000 U	3.8000 U
P Aldrin	UG/KG	1.8000 U	1.8000 U	1.8000 U	1.8000 U	1.8000 U	2.0000 U
P Aroclor 1016	UG/KG	35.0000 U	35.0000 U	35.0000 U	35.0000 U	34.0000 U	38.0000 U
P Aroclor 1221	UG/KG	71.0000 U	71.0000 U	71.0000 U	72.0000 U	70.0000 U	78.0000 U
P Aroclor 1232	UG/KG	35.0000 U	35.0000 U	35.0000 U	35.0000 U	34.0000 U	38.0000 U
P Aroclor 1242	UG/KG	35.0000 U	35.0000 U	35.0000 U	35.0000 U	34.0000 U	38.0000 U

PENSACOLA SITE 34
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34S0101	34S0101D	34S0103	34S0105	34S0107	34S0109
	LAB ID:	39234-1	39234-2	39234-3	39234-4	39234-5	39234-6
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS						
P Aroclor 1248	UG/KG	35.0000 U	35.0000 U	35.0000 U	35.0000 U	34.0000 U	38.0000 U
P Aroclor 1254	UG/KG	35.0000 U	35.0000 U	35.0000 U	35.0000 U	34.0000 U	38.0000 U
P Aroclor 1260	UG/KG	35.0000 U	35.0000 U	35.0000 U	35.0000 U	34.0000 U	38.0000 U
P Dieldrin	UG/KG	3.5000 U	3.5000 U	3.5000 U	3.5000 U	3.4000 U	5.6000
P Endosulfan I	UG/KG	1.8000 U	1.8000 U	1.8000 U	1.8000 U	1.8000 U	2.0000 U
P Endosulfan II	UG/KG	3.5000 U	3.5000 U	3.5000 U	3.5000 U	3.4000 U	3.8000 U
P Endosulfan sulfate	UG/KG	3.5000 U	3.5000 U	3.5000 U	3.5000 U	3.4000 U	3.8000 U
P Endrin	UG/KG	3.5000 U	3.5000 U	3.5000 U	3.5000 U	3.4000 U	3.8000 U
P Endrin aldehyde	UG/KG	3.5000 U	3.5000 U	3.5000 U	3.5000 U	3.4000 U	3.8000 U
P Endrin ketone	UG/KG	3.5000 U	3.5000 U	3.5000 U	3.5000 U	3.4000 U	3.8000 U
P Heptachlor	UG/KG	1.0000 J	1.2000 J	1.8000 U	1.8000 U	1.6000 J	2.2000 J
P Heptachlor epoxide	UG/KG	2.4000	2.6000	1.2000 J	1.8000 U	1.1000 J	1.1000 J
P Methoxychlor	UG/KG	18.0000 U	18.0000 U	18.0000 U	18.0000 U	18.0000 U	20.0000 U
P Toxaphene	UG/KG	180.0000 U	180.0000 U	180.0000 U	180.0000 U	180.0000 U	200.0000 U
P alpha-BHC	UG/KG	1.8000 U	1.8000 U	1.8000 U	1.8000 U	1.8000 U	2.0000 U
P alpha-Chlordane	UG/KG	1.8000 U	1.8000 U	1.2000 J	1.8000 U	1.8000 U	2.2000
P beta-BHC	UG/KG	1.8000 U	1.8000 U	1.8000 U	1.8000 U	1.8000 U	2.0000 U
P delta-BHC	UG/KG	1.8000 U	1.8000 U	1.8000 U	1.8000 U	1.8000 U	2.0000 U
P gamma-BHC (Lindane)	UG/KG	1.8000 U	1.8000 U	1.8000 U	1.8000 U	1.8000 U	2.0000 U
P gamma-Chlordane	UG/KG	3.2000	3.6000	5.1000	1.8000 U	1.8000 U	11.0000
S 1,2,4-Trichlorobenzene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 1,2-Dichlorobenzene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 1,3-Dichlorobenzene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 1,4-Dichlorobenzene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 2,4,5-Trichlorophenol	UG/KG	840.0000 U	840.0000 U	830.0000 U	850.0000 U	830.0000 U	920.0000 U
S 2,4,6-Trichlorophenol	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 2,4-Dichlorophenol	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 2,4-Dimethylphenol	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 2,4-Dinitrophenol	UG/KG	840.0000 U	840.0000 U	830.0000 U	850.0000 U	830.0000 U	920.0000 U
S 2,4-Dinitrotoluene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 2,6-Dinitrotoluene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 2-Chloronaphthalene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U

PENSACOLA SITE 34
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34S0101	34S0101D	34S0103	34S0105	34S0107	34S0109
	LAB ID:	39234-1	39234-2	39234-3	39234-4	39234-5	39234-6
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS						
S 2-Chlorophenol	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 2-Methylnaphthalene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	460.0000
S 2-Methylphenol	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 2-Nitroaniline	UG/KG	840.0000 U	840.0000 U	830.0000 U	850.0000 U	830.0000 U	920.0000 U
S 2-Nitrophenol	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 3,3'-Dichlorobenzidine	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 3-Nitroaniline	UG/KG	840.0000 U	840.0000 U	830.0000 U	850.0000 U	830.0000 U	920.0000 U
S 4,6-Dinitro-2-methylphenol	UG/KG	840.0000 U	840.0000 U	830.0000 U	850.0000 U	830.0000 U	920.0000 U
S 4-Bromophenyl-phenylether	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 4-Chloro-3-methylphenol	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 4-Chloroaniline	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 4-Chlorophenyl-phenylether	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 4-Methylphenol	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S 4-Nitroaniline	UG/KG	840.0000 U	840.0000 U	830.0000 U	850.0000 U	830.0000 U	920.0000 U
S 4-Nitrophenol	UG/KG	840.0000 U	840.0000 U	830.0000 U	850.0000 U	830.0000 U	920.0000 U
S Acenaphthene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Acenaphthylene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Anthracene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Benzo(a)anthracene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Benzo(a)pyrene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Benzo(b)fluoranthene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Benzo(g,h,i)perylene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Benzo(k)fluoranthene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Butylbenzylphthalate	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Carbazole	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Chrysene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Di-n-butylphthalate	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Di-n-octylphthalate	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Dibenz(a,h)anthracene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Dibenzofuran	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Diethylphthalate	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Dimethylphthalate	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U

PENSACOLA SITE 34
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34S0101	34S0101D	34S0103	34S0105	34S0107	34S0109
	LAB ID:	39234-1	39234-2	39234-3	39234-4	39234-5	39234-6
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS						
S Fluoranthene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Fluorene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Hexachlorobenzene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Hexachlorobutadiene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Hexachlorocyclopentadiene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Hexachloroethane	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Indeno(1,2,3-cd)pyrene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Isophorone	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S N-Nitroso-di-n-propylamine	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S N-Nitrosodiphenylamine	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Naphthalene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	170.0000 J
S Nitrobenzene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Pentachlorophenol	UG/KG	840.0000 U	840.0000 U	830.0000 U	850.0000 U	830.0000 U	920.0000 U
S Phenanthrene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Phenol	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S Pyrene	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S bis(2-Chloroethoxy)methane	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S bis(2-Ethlyhexy)phthalate	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S bis(2-chloroethyl)ether	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
S bis(2-chloroisopropyl)ether	UG/KG	350.0000 U	350.0000 U	340.0000 U	350.0000 U	340.0000 U	380.0000 U
V 1,1,1-Trichloroethane	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V 1,1,2,2-Tetrachloroethane	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V 1,1,2-Trichloroethane	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V 1,1-Dichloroethane	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V 1,1-Dichloroethene	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V 1,2-Dichloroethane	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V 1,2-Dichloroethene (total)	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V 1,2-Dichloropropane	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V 2-Butanone	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V 2-Hexanone	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V 4-Methyl-2-Pentanone	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Acetone	UG/KG	10.0000 U	11.0000 U	26.0000 U	120.0000 U	10.0000 U	1200.0000 U

PENSACOLA SITE 34
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34S0101	34S0101D	34S0103	34S0105	34S0107	34S0109
	LAB ID:	39234-27	39234-28	39234-29	39234-30	39234-31	39234-32
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS						
V Benzene	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Bromodichloromethane	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Bromoform	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Bromomethane	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Carbon Disulfide	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Carbon Tetrachloride	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Chlorobenzene	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Chloroethane	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Chloroform	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Chloromethane	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Dibromochloromethane	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Ethylbenzene	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Methylene Chloride	UG/KG	8.0000 U	7.0000 U	7.0000 U	7.0000 U	8.0000 U	650.0000 U
V Styrene	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Tetrachloroethene	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Toluene	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Trichloroethene	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Vinyl Chloride	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V Xylene (total)	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V cis-1,3-Dichloropropene	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U
V trans-1,3-Dichloropropene	UG/KG	10.0000 U	11.0000 U	11.0000 U	11.0000 U	10.0000 U	1200.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 34
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34S0109MS	34S0109MSD	34S0201	34S0203	34S0203D	34S0205
	LAB ID:	39234-32MS	39234-32MSD	39234-020	39234-021	39234-022	39234-023
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS						
I Aluminum	MG/KG	.	.	395.0000	948.0000	1030.0000	163.0000
I Antimony	MG/KG	.	.	2.6000 UJ	2.7000 UJ	2.7000 UJ	2.5000 UJ
I Arsenic	MG/KG	.	.	0.4800 U	0.5000 U	0.5100 U	0.4600 U
I Barium	MG/KG	.	.	0.8400 U	2.4000 U	2.1000 U	0.5400 U
I Beryllium	MG/KG	.	.	0.0700 U	0.0700 U	0.0700 U	0.0600 U
I Cadmium	MG/KG	.	.	0.3500 U	0.3600 U	0.3700 U	0.3300 U
I Calcium	MG/KG	.	.	39.3000 U	168.0000 U	120.0000 U	33.2000 U
I Chromium	MG/KG	.	.	1.2000 U	3.0000	3.1000	5.8000
I Cobalt	MG/KG	.	.	0.5300 U	0.5500 U	0.5600 U	0.5000 U
I Copper	MG/KG	.	.	0.4300 U	0.4400 U	0.4600 U	0.4100 U
I Cyanide	MG/KG	.	.	0.1000 U	0.0900 U	0.0900 U	0.0700 U
I Iron	MG/KG	.	.	241.0000	650.0000	742.0000	152.0000
I Lead	MG/KG	.	.	0.4700 U	1.6000 U	1.6000	0.3500 U
I Magnesium	MG/KG	.	.	12.2000 U	15.4000 U	18.8000 U	8.2000 U
I Manganese	MG/KG	.	.	1.8000 U	17.1000	10.6000	2.4000 U
I Mercury	MG/KG	.	.	0.0300 U	0.0800	0.0300 U	0.0400 U
I Nickel	MG/KG	.	.	1.7000 U	1.8000 U	1.8000 U	1.6000 U
I Potassium	MG/KG	.	.	108.0000 U	111.0000 U	114.0000 U	102.0000 U
I Selenium	MG/KG	.	.	0.2800 U	0.2900 U	0.3000 U	0.2700 U
I Silver	MG/KG	.	.	0.6000 U	0.6200 U	0.6300 U	0.5700 U
I Sodium	MG/KG	.	.	16.4000 U	13.1000 U	17.6000 U	5.9000 U
I Thallium	MG/KG	.	.	0.4600 U	0.4800 U	0.4900 U	0.4400 U
I Vanadium	MG/KG	.	.	0.5500 U	2.0000 U	1.9000 U	0.5200 U
I Zinc	MG/KG	.	.	1.0000 U	1.8000 U	1.7000 U	0.9600 U
P 4,4'-DDD	UG/KG	.	.	3.4000 U	3.6000 U	3.6000 U	3.5000 U
P 4,4'-DDE	UG/KG	.	.	3.4000 U	3.6000 U	3.6000 U	3.5000 U
P 4,4'-DDT	UG/KG	.	.	3.4000 U	3.6000 U	3.6000 U	3.5000 U
P Aldrin	UG/KG	.	.	1.8000 U	1.9000 U	1.8000 U	1.8000 U
P Aroclor 1016	UG/KG	.	.	34.0000 U	36.0000 U	36.0000 U	35.0000 U
P Aroclor 1221	UG/KG	.	.	70.0000 U	74.0000 U	73.0000 U	71.0000 U
P Aroclor 1232	UG/KG	.	.	34.0000 U	36.0000 U	36.0000 U	35.0000 U

PENSACOLA SITE 34
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34S0109MS	34S0109MSD	34S0201	34S0203	34S0203D	34S0205
	LAB ID:	39234-32MS	39234-32MSD	39234-7	39234-8	39234-9	39234-10
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS						
P Aroclor 1242	UG/KG	.	.	34.0000 U	36.0000 U	36.0000 U	35.0000 U
P Aroclor 1248	UG/KG	.	.	34.0000 U	36.0000 U	36.0000 U	35.0000 U
P Aroclor 1254	UG/KG	.	.	34.0000 U	36.0000 U	36.0000 U	35.0000 U
P Aroclor 1260	UG/KG	.	.	34.0000 U	36.0000 U	36.0000 U	35.0000 U
P Dieldrin	UG/KG	.	.	3.4000 U	3.6000 U	3.6000 U	3.5000 U
P Endosulfan I	UG/KG	.	.	1.8000 U	1.9000 U	1.8000 U	1.8000 U
P Endosulfan II	UG/KG	.	.	3.4000 U	3.6000 U	3.6000 U	3.5000 U
P Endosulfan sulfate	UG/KG	.	.	3.4000 U	3.6000 U	3.6000 U	3.5000 U
P Endrin	UG/KG	.	.	3.4000 U	3.6000 U	3.6000 U	3.5000 U
P Endrin aldehyde	UG/KG	.	.	3.4000 U	3.6000 U	3.6000 U	3.5000 U
P Endrin ketone	UG/KG	.	.	3.4000 U	3.6000 U	3.6000 U	3.5000 U
P Heptachlor	UG/KG	.	.	1.8000 U	2.7000 J	1.8000 U	1.8000 U
P Heptachlor epoxide	UG/KG	.	.	1.8000 U	1.9000 U	1.8000 U	1.8000 U
P Methoxychlor	UG/KG	.	.	18.0000 U	19.0000 U	18.0000 U	18.0000 U
P Toxaphene	UG/KG	.	.	180.0000 U	190.0000 U	180.0000 U	180.0000 U
P alpha-BHC	UG/KG	.	.	1.8000 U	1.9000 U	1.8000 U	1.8000 U
P alpha-Chlordane	UG/KG	.	.	1.8000 U	1.9000 U	1.8000 U	1.8000 U
P beta-BHC	UG/KG	.	.	1.8000 U	1.9000 U	1.8000 U	1.8000 U
P delta-BHC	UG/KG	.	.	1.8000 U	1.9000 U	1.8000 U	1.8000 U
P gamma-BHC (Lindane)	UG/KG	.	.	1.8000 U	1.9000 U	1.8000 U	1.8000 U
P gamma-Chlordane	UG/KG	.	.	1.8000 U	1.9000 U	1.8000 U	1.8000 U
S 1,2,4-Trichlorobenzene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 1,2-Dichlorobenzene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 1,3-Dichlorobenzene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 1,4-Dichlorobenzene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 2,4,5-Trichlorophenol	UG/KG	.	.	820.0000 U	880.0000 U	850.0000 U	850.0000 U
S 2,4,6-Trichlorophenol	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 2,4-Dichlorophenol	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 2,4-Dimethylphenol	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 2,4-Dinitrophenol	UG/KG	.	.	820.0000 U	880.0000 U	850.0000 U	850.0000 U
S 2,4-Dinitrotoluene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 2,6-Dinitrotoluene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U

PENSACOLA SITE 34
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34S0109MS	34S0109MSD	34S0201	34S0203	34S0203D	34S0205
	LAB ID:	39234-32MS	39234-32MSD	39234-7	39234-8	39234-9	39234-10
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 2-Chlorophenol	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 2-Methylnaphthalene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 2-Methylphenol	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 2-Nitroaniline	UG/KG	.	.	820.0000 U	880.0000 U	850.0000 U	850.0000 U
S 2-Nitrophenol	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 3,3'-Dichlorobenzidine	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 3-Nitroaniline	UG/KG	.	.	820.0000 U	880.0000 U	850.0000 U	850.0000 U
S 4,6-Dinitro-2-methylphenol	UG/KG	.	.	820.0000 U	880.0000 U	850.0000 U	850.0000 U
S 4-Bromophenyl-phenylether	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 4-Chloro-3-methylphenol	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 4-Chloroaniline	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 4-Chlorophenyl-phenylether	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 4-Methylphenol	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S 4-Nitroaniline	UG/KG	.	.	820.0000 U	880.0000 U	850.0000 U	850.0000 U
S 4-Nitrophenol	UG/KG	.	.	820.0000 U	880.0000 U	850.0000 U	850.0000 U
S Acenaphthene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Acenaphthylene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Anthracene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Benzo(a)anthracene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Benzo(a)pyrene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Benzo(b)fluoranthene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Benzo(g,h,i)perylene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Benzo(k)fluoranthene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Butylbenzylphthalate	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Carbazole	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Chrysene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Di-n-butylphthalate	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Di-n-octylphthalate	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Dibenz(a,h)anthracene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Dibenzofuran	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Diethylphthalate	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U

PENSACOLA SITE 34
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34S0109MS	34S0109MSD	34S0201	34S0203	34S0203D	34S0205
	LAB ID:	39234-32MS	39234-32MSD	39234-7	39234-8	39234-9	39234-10
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS						
S Dimethylphthalate	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Fluoranthene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Fluorene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Hexachlorobenzene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Hexachlorobutadiene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Hexachlorocyclopentadiene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Hexachloroethane	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Indeno(1,2,3-cd)pyrene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Isophorone	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S N-Nitroso-di-n-propylamine	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S N-Nitrosodiphenylamine	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Naphthalene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Nitrobenzene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Pentachlorophenol	UG/KG	.	.	820.0000 U	880.0000 U	850.0000 U	850.0000 U
S Phenanthrene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Phenol	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S Pyrene	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S bis(2-Chloroethoxy)methane	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S bis(2-Ethlyhexy)phthalate	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S bis(2-chloroethyl)ether	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
S bis(2-chloroisopropyl)ether	UG/KG	.	.	340.0000 U	360.0000 U	350.0000 U	350.0000 U
V 1,1,1-Trichloroethane	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,1,2,2-Tetrachloroethane	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,1,2-Trichloroethane	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,1-Dichloroethane	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,1-Dichloroethene	UG/KG	6900.0000	7200.0000	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,2-Dichloroethane	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,2-Dichloroethene (total)	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,2-Dichloropropane	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 2-Butanone	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 2-Hexanone	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V 4-Methyl-2-Pentanone	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U

PENSACOLA SITE 34
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34S0109MS	34S0109MSD	34S0201	34S0203	34S0203D	34S0205
	LAB ID:	39234-32MS	39234-32MSD	39234-33	39234-34	39234-35	39234-36
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS						
V Acetone	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	36.0000 U	36.0000 U	11.0000 U
V Benzene	UG/KG	6500.0000	6700.0000	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Bromodichloromethane	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Bromoform	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Bromomethane	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Carbon Disulfide	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Carbon Tetrachloride	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Chlorobenzene	UG/KG	6600.0000	6500.0000	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Chloroethane	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Chloroform	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Chloromethane	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Dibromochloromethane	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Ethylbenzene	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Methylene Chloride	UG/KG	780.0000 U	650.0000 U	9.0000 U	9.0000 U	10.0000 U	9.0000 U
V Styrene	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Tetrachloroethene	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Toluene	UG/KG	6500.0000	6400.0000	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Trichloroethene	UG/KG	6000.0000	6400.0000	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Vinyl Chloride	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V Xylene (total)	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V cis-1,3-Dichloropropene	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U
V trans-1,3-Dichloropropene	UG/KG	1300.0000 U	1300.0000 U	10.0000 U	11.0000 U	11.0000 U	11.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 34
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	UNITS	34S0206	34S0301	34S0301MS	34S0301MSD	34S0303	
ENSAFE ID:		34S0206	34S0301	34S0301MS	34S0301MSD	34S0303	
LAB ID:		39234-024	39234-025	39234-12MS	39234-12MSD	39234-026	
LAB RCVD:		02/08/94	02/08/94	02/08/94	02/08/94	02/08/94	
I Aluminum	MG/KG	51.0000	1190.0000	.	.	183.0000	.
I Antimony	MG/KG	2.5000 UJ	3.3000 UJ	.	.	2.8000 UJ	.
I Arsenic	MG/KG	0.4600 U	0.6100 U	.	.	0.5100 U	.
I Barium	MG/KG	0.3800 U	2.4000 U	.	.	0.5000 U	.
I Beryllium	MG/KG	0.0600 U	0.0800 U	.	.	0.0700 U	.
I Cadmium	MG/KG	0.3300 U	0.4400 U	.	.	0.3700 U	.
I Calcium	MG/KG	25.5000 U	140.0000 U	.	.	33.6000 U	.
I Chromium	MG/KG	1.6000 U	8.4000 U	.	.	2.4000 U	.
I Cobalt	MG/KG	0.5100 U	0.8000 U	.	.	0.5600 U	.
I Copper	MG/KG	0.4100 U	0.5400 U	.	.	0.4600 U	.
I Cyanide	MG/KG	0.1000 U	0.1100 U	.	.	0.1000 U	.
I Iron	MG/KG	52.5000	974.0000	.	.	154.0000	.
I Lead	MG/KG	0.3700 U	6.0000	.	.	0.6500 U	.
I Magnesium	MG/KG	5.1000 U	18.7000 U	.	.	6.9000 U	.
I Manganese	MG/KG	0.9500 U	31.8000	.	.	4.2000 U	.
I Mercury	MG/KG	0.1500 U	0.0400 U	.	.	0.0500 U	.
I Nickel	MG/KG	1.7000 U	2.2000 U	.	.	1.8000 U	.
I Potassium	MG/KG	103.0000 U	136.0000 U	.	.	114.0000 U	.
I Selenium	MG/KG	0.2700 U	0.3600 U	.	.	0.3000 U	.
I Silver	MG/KG	0.5700 U	0.7500 U	.	.	0.6300 U	.
I Sodium	MG/KG	3.8000 U	7.0000 U	.	.	8.3000 U	.
I Thallium	MG/KG	0.4500 U	0.5800 U	.	.	0.4900 U	.
I Vanadium	MG/KG	0.5300 U	3.4000 U	.	.	0.7900 U	.
I Zinc	MG/KG	0.8900 U	12.9000 U	.	.	1.4000 U	.
P 4,4'-DDD	UG/KG	3.6000 U	3.6000 U	3.7000 U	3.6000 U	3.6000 U	.
P 4,4'-DDE	UG/KG	3.6000 U	3.6000 U	3.7000 U	3.6000 U	3.6000 U	.
P 4,4'-DDT	UG/KG	3.6000 U	3.6000 U	26.0000	29.0000	3.6000 U	.
P Aldrin	UG/KG	1.8000 U	1.9000 U	12.0000	14.0000	1.9000 U	.
P Aroclor 1016	UG/KG	36.0000 U	36.0000 U	37.0000 U	36.0000 U	36.0000 U	.
P Aroclor 1221	UG/KG	73.0000 U	74.0000 U	74.0000 U	73.0000 U	74.0000 U	.
P Aroclor 1232	UG/KG	36.0000 U	36.0000 U	37.0000 U	36.0000 U	36.0000 U	.

PENSACOLA SITE 34
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34S0206	34S0301	34S0301MS	34S0301MSD	34S0303
	LAB ID:	39234-11	39234-12	39234-12MS	39234-12MSD	39234-13
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS					
P Aroclor 1242	UG/KG	36.0000 U	36.0000 U	37.0000 U	36.0000 U	36.0000 U
P Aroclor 1248	UG/KG	36.0000 U	36.0000 U	37.0000 U	36.0000 U	36.0000 U
P Aroclor 1254	UG/KG	36.0000 U	36.0000 U	37.0000 U	36.0000 U	36.0000 U
P Aroclor 1260	UG/KG	36.0000 U	36.0000 U	37.0000 U	36.0000 U	36.0000 U
P Dieldrin	UG/KG	3.6000 U	4.1000	30.0000	34.0000	3.6000 U
P Endosulfan I	UG/KG	1.8000 U	1.9000 U	1.9000 U	1.9000 U	1.9000 U
P Endosulfan II	UG/KG	3.6000 U	3.6000 U	3.7000 U	3.6000 U	3.6000 U
P Endosulfan sulfate	UG/KG	3.6000 U	3.6000 U	3.7000 U	3.6000 U	3.6000 U
P Endrin	UG/KG	3.6000 U	3.6000 U	27.0000	29.0000	3.6000 U
P Endrin aldehyde	UG/KG	3.6000 U	3.6000 U	3.7000 U	3.6000 U	3.6000 U
P Endrin ketone	UG/KG	3.6000 U	3.6000 U	3.7000 U	3.6000 U	3.6000 U
P Heptachlor	UG/KG	2.0000 J	2.0000 J	14.0000	14.0000	1.9000 U
P Heptachlor epoxide	UG/KG	1.8000 U	1.9000 U	1.9000 U	1.9000 U	1.9000 U
P Methoxychlor	UG/KG	18.0000 U	19.0000 U	19.0000 U	19.0000 U	19.0000 U
P Toxaphene	UG/KG	180.0000 U	190.0000 U	190.0000 U	190.0000 U	190.0000 U
P alpha-BHC	UG/KG	1.8000 U	1.9000 U	1.9000 U	1.9000 U	1.9000 U
P alpha-Chlordane	UG/KG	1.8000 U	7.6000	4.8000	8.9000	1.9000 U
P beta-BHC	UG/KG	1.8000 U	1.9000 U	1.9000 U	1.9000 U	1.9000 U
P delta-BHC	UG/KG	1.8000 U	1.9000 U	1.9000 U	1.9000 U	1.9000 U
P gamma-BHC (Lindane)	UG/KG	1.8000 U	1.9000 U	12.0000	13.0000	1.9000 U
P gamma-Chlordane	UG/KG	1.8000 U	5.5000	3.8000	6.1000	1.9000 U
S 1,2,4-Trichlorobenzene	UG/KG	350.0000 U	350.0000 U	950.0000	960.0000	360.0000 U
S 1,2-Dichlorobenzene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S 1,3-Dichlorobenzene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S 1,4-Dichlorobenzene	UG/KG	350.0000 U	350.0000 U	860.0000	900.0000	360.0000 U
S 2,4,5-Trichlorophenol	UG/KG	850.0000 U	860.0000 U	870.0000 U	870.0000 U	870.0000 U
S 2,4,6-Trichlorophenol	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S 2,4-Dichlorophenol	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S 2,4-Dimethylphenol	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S 2,4-Dinitrophenol	UG/KG	850.0000 U	860.0000 U	870.0000 U	870.0000 U	870.0000 U
S 2,4-Dinitrotoluene	UG/KG	350.0000 U	350.0000 U	1200.0000	1200.0000	360.0000 U
S 2,6-Dinitrotoluene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U

PENSACOLA SITE 34
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34S0206	34S0301	34S0301MS	34S0301MSD	34S0303
	LAB ID:	39234-11	39234-12	39234-12MS	39234-12MSD	39234-13
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS					
S 2-Chloronaphthalene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S 2-Chlorophenol	UG/KG	350.0000 U	350.0000 U	1500.0000	1500.0000	360.0000 U
S 2-Methylnaphthalene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S 2-Methylphenol	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S 2-Nitroaniline	UG/KG	850.0000 U	860.0000 U	870.0000 U	870.0000 U	870.0000 U
S 2-Nitrophenol	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S 3,3'-Dichlorobenzidine	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S 3-Nitroaniline	UG/KG	850.0000 U	860.0000 U	870.0000 U	870.0000 U	870.0000 U
S 4,6-Dinitro-2-methylphenol	UG/KG	850.0000 U	860.0000 U	870.0000 U	870.0000 U	870.0000 U
S 4-Bromophenyl-phenylether	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S 4-Chloro-3-methylphenol	UG/KG	350.0000 U	350.0000 U	1800.0000	1800.0000	360.0000 U
S 4-Chloroaniline	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S 4-Chlorophenyl-phenylether	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S 4-Methylphenol	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S 4-Nitroaniline	UG/KG	850.0000 U	860.0000 U	870.0000 U	870.0000 U	870.0000 U
S 4-Nitrophenol	UG/KG	850.0000 U	860.0000 U	2100.0000	2100.0000	870.0000 U
S Acenaphthene	UG/KG	350.0000 U	350.0000 U	1100.0000	1100.0000	360.0000 U
S Acenaphthylene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Anthracene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Benzo(a)anthracene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Benzo(a)pyrene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Benzo(b)fluoranthene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Benzo(g,h,i)perylene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Benzo(k)fluoranthene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Butylbenzylphthalate	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Carbazole	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Chrysene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Di-n-butylphthalate	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Di-n-octylphthalate	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Dibenz(a,h)anthracene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Dibenzofuran	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Diethylphthalate	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U

PENSACOLA SITE 34
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34S0206	34S0301	34S0301MS	34S0301MSD	34S0303
	LAB ID:	39234-11	39234-12	39234-12MS	39234-12MSD	39234-13
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS					
S Dimethylphthalate	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Fluoranthene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Fluorene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Hexachlorobenzene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Hexachlorobutadiene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Hexachlorocyclopentadiene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Hexachloroethane	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Indeno(1,2,3-cd)pyrene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Isophorone	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S N-Nitroso-di-n-propylamine	UG/KG	350.0000 U	350.0000 U	1100.0000	1100.0000	360.0000 U
S N-Nitrosodiphenylamine	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Naphthalene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Nitrobenzene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Pentachlorophenol	UG/KG	850.0000 U	860.0000 U	1900.0000	2000.0000	870.0000 U
S Phenanthrene	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S Phenol	UG/KG	350.0000 U	350.0000 U	1700.0000	1500.0000	360.0000 U
S Pyrene	UG/KG	350.0000 U	350.0000 U	1100.0000	700.0000	360.0000 U
S bis(2-Chloroethoxy)methane	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S bis(2-Ethlyhexy)phthalate	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S bis(2-chloroethyl)ether	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
S bis(2-chloroisopropyl)ether	UG/KG	350.0000 U	350.0000 U	360.0000 U	360.0000 U	360.0000 U
V 1,1,1-Trichloroethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,1,2,2-Tetrachloroethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,1,2-Trichloroethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,1-Dichloroethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,1-Dichloroethene	UG/KG	11.0000 U	11.0000 U	52.0000	46.0000	11.0000 U
V 1,2-Dichloroethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,2-Dichloroethene (total)	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V 1,2-Dichloropropane	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V 2-Butanone	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V 2-Hexanone	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V 4-Methyl-2-Pentanone	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U

PENSACOLA SITE 34
SOIL SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34S0206	34S0301	34S0301MS	34S0301MSD	34S0303
	LAB ID:	39234-37	39234-38	39234-38MS	39234-38MSD	39234-39
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS					
V Acetone	UG/KG	11.0000 U	59.0000 U	44.0000 U	60.0000 U	19.0000 U
V Benzene	UG/KG	11.0000 U	11.0000 U	60.0000	57.0000	11.0000 U
V Bromodichloromethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V Bromoform	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V Bromomethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V Carbon Disulfide	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V Carbon Tetrachloride	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V Chlorobenzene	UG/KG	11.0000 U	11.0000 U	60.0000	55.0000	11.0000 U
V Chloroethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V Chloroform	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V Chloromethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V Dibromochloromethane	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V Ethylbenzene	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V Methylene Chloride	UG/KG	9.0000 U	9.0000 U	11.0000 U	11.0000 U	9.0000 U
V Styrene	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V Tetrachloroethene	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V Toluene	UG/KG	11.0000 U	11.0000 U	60.0000	57.0000	11.0000 U
V Trichloroethene	UG/KG	11.0000 U	11.0000 U	57.0000	56.0000	11.0000 U
V Vinyl Chloride	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V Xylene (total)	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V cis-1,3-Dichloropropene	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U
V trans-1,3-Dichloropropene	UG/KG	11.0000 U	11.0000 U	11.0000 U	11.0000 U	11.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 34
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34GGM53	34GGM57	34GGM61	34GR01	34GR01MS	34GR01MSD
	LAB ID:	39274-012	39274-009	39274-010	39274-011	39274-27MS	39274-27MSD
	LAB RCVD:	02/11/94	02/11/94	02/11/94	02/11/94	02/11/94	02/11/94
PARAMETER	UNITS						
I Aluminum	UG/L	482.0000	17.9000 U	75.4000	63.2000	.	.
I Antimony	UG/L	15.6000 U	15.6000 U	15.6000 U	15.6000 U	.	.
I Arsenic	UG/L	2.9000 U	2.9000 U	2.9000 U	3.1000	.	.
I Barium	UG/L	2.4000 U	2.4000 U	31.3000 U	3.0000 U	.	.
I Beryllium	UG/L	0.4000 U	0.4000 U	0.4000 U	0.4000 U	.	.
I Cadmium	UG/L	2.1000 U	2.1000 U	2.1000 U	2.1000 U	.	.
I Calcium	UG/L	8550.0000	73300.0000	48800.0000	70800.0000	.	.
I Chromium	UG/L	2.3000 U	2.3000 U	2.3000 UJ	2.3000 UJ	.	.
I Cobalt	UG/L	3.2000 U	3.2000 U	3.2000 U	3.2000 U	.	.
I Copper	UG/L	2.6000 U	2.6000 U	2.6000 UJ	2.6000 UJ	.	.
I Cyanide	UG/L	1.0000 U	1.0000 U	1.0000 U	4.0000	.	.
I Iron	UG/L	1180.0000	295.0000	5520.0000	2340.0000	.	.
I Lead	UG/L	1.2000 U	0.7000 U	3.4000 U	1.8000 U	.	.
I Magnesium	UG/L	1710.0000 J	5130.0000	6440.0000	3090.0000	.	.
I Manganese	UG/L	71.4000 U	67.0000 U	55.2000	475.0000	.	.
I Mercury	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	.	.
I Nickel	UG/L	10.4000 U	10.4000 U	10.4000 U	10.4000 U	.	.
I Potassium	UG/L	2010.0000 J	2300.0000 J	2790.0000 J	2930.0000 J	.	.
I Selenium	UG/L	1.7000 U	1.7000 U	1.7000 UJ	1.7000 UJ	.	.
I Silver	UG/L	3.6000 U	3.6000 U	3.6000 UJ	3.6000 UJ	.	.
I Sodium	UG/L	2850.0000 J	4680.0000 J	124000.000	7570.0000	.	.
I Thallium	UG/L	2.8000 U	2.8000 U	2.8000 U	2.8000 U	.	.
I Vanadium	UG/L	3.3000 U	3.3000 U	3.3000 U	3.3000 U	.	.
I Zinc	UG/L	1.7000 U	1.7000 U	2.5000 U	2.0000 U	.	.
P 4,4'-DDD	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.1100 U	0.1100 U
P 4,4'-DDD	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.1100 U	0.1300 U
P 4,4'-DDE	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.1100 U	0.1100 U
P 4,4'-DDE	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.1100 U	0.1300 U
P 4,4'-DDT	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.5500	0.1100 U
P 4,4'-DDT	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.5500	0.8600
P Aldrin	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.2600	0.0530 U
P Aldrin	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.2600	0.3800

PENSACOLA SITE 34
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34GGM53	34GGM57	34GGM61	34GR01	34GR01MS	34GR01MSD
	LAB ID:	39303-1	39274-1	39274-2	39274-3	39274-3MS	39274-27MSD
	LAB RCVD:	02/15/94	02/11/94	02/11/94	02/11/94	02/11/94	02/11/94
PARAMETER	UNITS						
P Aroclor 1016	UG/L	1.1000 U	1.1000 U	1.1000 UJ	1.2000 UJ	1.1000 U	1.1000 U
P Aroclor 1016	UG/L	1.1000 U	1.1000 U	1.1000 UJ	1.2000 UJ	1.1000 U	1.3000 U
P Aroclor 1221	UG/L	2.3000 U	2.1000 U	2.2000 UJ	2.4000 UJ	2.1000 U	2.1000 U
P Aroclor 1221	UG/L	2.3000 U	2.1000 U	2.2000 UJ	2.4000 UJ	2.1000 U	2.6000 U
P Aroclor 1232	UG/L	1.1000 U	1.1000 U	1.1000 UJ	1.2000 UJ	1.1000 U	1.1000 U
P Aroclor 1232	UG/L	1.1000 U	1.1000 U	1.1000 UJ	1.2000 UJ	1.1000 U	1.3000 U
P Aroclor 1242	UG/L	1.1000 U	1.1000 U	1.1000 UJ	1.2000 UJ	1.1000 U	1.1000 U
P Aroclor 1242	UG/L	1.1000 U	1.1000 U	1.1000 UJ	1.2000 UJ	1.1000 U	1.3000 U
P Aroclor 1248	UG/L	1.1000 U	1.1000 U	1.1000 UJ	1.2000 UJ	1.1000 U	1.1000 U
P Aroclor 1248	UG/L	1.1000 U	1.1000 U	1.1000 UJ	1.2000 UJ	1.1000 U	1.3000 U
P Aroclor 1254	UG/L	1.1000 U	1.1000 U	1.1000 UJ	1.2000 UJ	1.1000 U	1.1000 U
P Aroclor 1254	UG/L	1.1000 U	1.1000 U	1.1000 UJ	1.2000 UJ	1.1000 U	1.3000 U
P Aroclor 1260	UG/L	1.1000 U	1.1000 U	1.1000 UJ	1.2000 UJ	1.1000 U	1.1000 U
P Aroclor 1260	UG/L	1.1000 U	1.1000 U	1.1000 UJ	1.2000 UJ	1.1000 U	1.3000 U
P Dieldrin	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.7600	0.1100 U
P Dieldrin	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.7600	0.9800
P Endosulfan I	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.0530 U	0.0530 U
P Endosulfan I	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.0530 U	0.0640 U
P Endosulfan II	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.1100 U	0.1100 U
P Endosulfan II	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.1100 U	0.1300 U
P Endosulfan sulfate	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.1100 U	0.1100 U
P Endosulfan sulfate	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.1100 U	0.1300 U
P Endrin	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.7700	0.1100 U
P Endrin	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.7700	1.0000
P Endrin aldehyde	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.1100 U	0.1100 U
P Endrin aldehyde	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.1100 U	0.1300 U
P Endrin ketone	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.1100 U	0.1100 U
P Endrin ketone	UG/L	0.1100 U	0.1100 U	0.1100 UJ	0.1200 UJ	0.1100 U	0.1300 U
P Heptachlor	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.3400	0.0530 U
P Heptachlor	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.3400	0.4400
P Heptachlor epoxide	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.0530 U	0.0530 U
P Heptachlor epoxide	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.0530 U	0.0640 U

PENSACOLA SITE 34
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	34GGM53 / 39303-1 / 02/15/94	34GGM57 / 39274-1 / 02/11/94	34GGM61 / 39274-2 / 02/11/94	34GR01 / 39274-3 / 02/11/94	34GR01MS / 39274-3MS / 02/11/94	34GR01MSD / 39274-27MSD / 02/11/94
P Methoxychlor	UG/L	0.5600 U	0.5300 U	0.5600 UJ	0.6000 UJ	0.5300 U	0.5300 U
P Methoxychlor	UG/L	0.5600 U	0.5300 U	0.5600 UJ	0.6000 UJ	0.5300 U	0.6400 U
P Toxaphene	UG/L	5.6000 U	5.3000 U	5.6000 UJ	6.0000 UJ	5.3000 U	5.3000 U
P Toxaphene	UG/L	5.6000 U	5.3000 U	5.6000 UJ	6.0000 UJ	5.3000 U	6.4000 U
P alpha-BHC	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.0530 U	0.0530 U
P alpha-BHC	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.0530 U	0.0640 U
P alpha-Chlordane	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.0530 U	0.0530 U
P alpha-Chlordane	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.0530 U	0.0640 U
P beta-BHC	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.0530 U	0.0530 U
P beta-BHC	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.0530 U	0.0640 U
P delta-BHC	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.0530 U	0.0530 U
P delta-BHC	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.0530 U	0.0640 U
P gamma-BHC (Lindane)	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.4100	0.0530 U
P gamma-BHC (Lindane)	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.4100	0.4700
P gamma-Chlordane	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.0530 U	0.0530 U
P gamma-Chlordane	UG/L	0.0560 U	0.0530 U	0.0560 UJ	0.0600 UJ	0.0530 U	0.0640 U
S 1,2,4-Trichlorobenzene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	39.0000	37.0000
S 1,2-Dichlorobenzene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S 1,3-Dichlorobenzene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S 1,4-Dichlorobenzene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	37.0000	39.0000
S 2,4,5-Trichlorophenol	UG/L	27.0000 U	29.0000 U	28.0000 U	110.0000 U	27.0000 U	29.0000 U
S 2,4,6-Trichlorophenol	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S 2,4-Dichlorophenol	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S 2,4-Dimethylphenol	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S 2,4-Dinitrophenol	UG/L	27.0000 U	29.0000 U	28.0000 U	110.0000 U	27.0000 U	29.0000 U
S 2,4-Dinitrotoluene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	40.0000	39.0000
S 2,6-Dinitrotoluene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S 2-Chloronaphthalene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S 2-Chlorophenol	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	46.0000	51.0000
S 2-Methylnaphthalene	UG/L	4.0000 J	11.0000 U	11.0000 U	120.0000	110.0000	110.0000
S 2-Methylphenol	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S 2-Nitroaniline	UG/L	27.0000 U	29.0000 U	28.0000 U	110.0000 U	27.0000 U	29.0000 U

PENSACOLA SITE 34
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34GGM53	34GGM57	34GGM61	34GR01	34GR01MS	34GR01MSD
	LAB ID:	39303-1	39274-1	39274-2	39274-3	39274-3MS	39274-3MSD
	LAB RCVD:	02/15/94	02/11/94	02/11/94	02/11/94	02/11/94	02/11/94
PARAMETER	UNITS						
S 2-Nitrophenol	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S 3,3'-Dichlorobenzidine	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S 3-Nitroaniline	UG/L	27.0000 U	29.0000 U	28.0000 U	110.0000 U	27.0000 U	29.0000 U
S 4,6-Dinitro-2-methylphenol	UG/L	27.0000 U	29.0000 U	28.0000 U	110.0000 U	27.0000 U	29.0000 U
S 4-Bromophenyl-phenylether	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S 4-Chloro-3-methylphenol	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	65.0000	70.0000
S 4-Chloroaniline	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S 4-Chlorophenyl-phenylether	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S 4-Methylphenol	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S 4-Nitroaniline	UG/L	27.0000 U	29.0000 U	28.0000 U	110.0000 U	27.0000 U	29.0000 U
S 4-Nitrophenol	UG/L	27.0000 U	29.0000 U	28.0000 U	110.0000 U	66.0000	63.0000
S Acenaphthene	UG/L	11.0000 U	11.0000 U	11.0000 UJ	46.0000 UJ	23.0000	24.0000
S Acenaphthylene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Anthracene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Benzo(a)anthracene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Benzo(a)pyrene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Benzo(b)fluoranthene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Benzo(g,h,i)perylene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Benzo(k)fluoranthene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Butylbenzylphthalate	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Carbazole	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Chrysene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Di-n-butylphthalate	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Di-n-octylphthalate	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Dibenz(a,h)anthracene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Dibenzofuran	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Diethylphthalate	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Dimethylphthalate	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Fluoranthene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Fluorene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Hexachlorobenzene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Hexachlorobutadiene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U

PENSACOLA SITE 34
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34GGM53	34GGM57	34GGM61	34GR01	34GR01MS	34GR01MSD
	LAB ID:	39303-1	39274-1	39274-2	39274-3	39274-3MS	39274-3MSD
	LAB RCVD:	02/15/94	02/11/94	02/11/94	02/11/94	02/11/94	02/11/94
PARAMETER	UNITS						
S Hexachlorocyclopentadiene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Hexachloroethane	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Indeno(1,2,3-cd)pyrene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Isophorone	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S N-Nitroso-di-n-propylamine	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	33.0000	33.0000
S N-Nitrosodiphenylamine	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Naphthalene	UG/L	2.0000 J	11.0000 U	11.0000 U	320.0000	190.0000	200.0000
S Nitrobenzene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Pentachlorophenol	UG/L	27.0000 U	29.0000 U	28.0000 U	110.0000 U	65.0000	67.0000
S Phenanthrene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S Phenol	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	50.0000	53.0000
S Pyrene	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	21.0000	20.0000
S bis(2-Chloroethoxy)methane	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S bis(2-Ethlyhexy)phthalate	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S bis(2-chloroethyl)ether	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
S bis(2-chloroisopropyl)ether	UG/L	11.0000 U	11.0000 U	11.0000 U	46.0000 U	11.0000 U	11.0000 U
V 1,1,1-Trichloroethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V 1,1,1-Trichloroethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V 1,1,2,2-Tetrachloroethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V 1,1,2,2-Tetrachloroethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V 1,1,2-Trichloroethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V 1,1,2-Trichloroethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V 1,1-Dichloroethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V 1,1-Dichloroethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V 1,1-Dichloroethene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	490.0000	500.0000
V 1,1-Dichloroethene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	490.0000	10.0000 U
V 1,2-Dichloroethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V 1,2-Dichloroethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V 1,2-Dichloroethene (total)	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V 1,2-Dichloroethene (total)	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V 1,2-Dichloropropane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V 1,2-Dichloropropane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U

PENSACOLA SITE 34
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34GGM53	34GGM57	34GGM61	34GR01	34GR01MS	34GR01MSD
	LAB ID:	39274-28	39274-25	39274-26	39274-27	39274-27MS	39274-27MSD
	LAB RCVD:	02/11/94	02/11/94	02/11/94	02/11/94	02/11/94	02/11/94
PARAMETER	UNITS						
V 2-Butanone	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V 2-Butanone	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V 2-Hexanone	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V 2-Hexanone	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V 4-Methyl-2-Pentanone	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V 4-Methyl-2-Pentanone	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V Acetone	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V Acetone	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V Benzene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	520.0000	530.0000
V Benzene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	520.0000	10.0000 U
V Bromodichloromethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V Bromodichloromethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V Bromoform	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V Bromoform	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V Bromomethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V Bromomethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V Carbon Disulfide	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V Carbon Disulfide	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V Carbon Tetrachloride	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V Carbon Tetrachloride	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V Chlorobenzene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	520.0000	550.0000
V Chlorobenzene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	520.0000	10.0000 U
V Chloroethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V Chloroethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V Chloroform	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V Chloroform	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V Chloromethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V Chloromethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V Dibromochloromethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V Dibromochloromethane	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V Ethylbenzene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V Ethylbenzene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U

PENSACOLA SITE 34
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34GGM53	34GGM57	34GGM61	34GR01	34GR01MS	34GR01MSD
	LAB ID:	39274-28	39274-25	39274-26	39274-27	39274-27MS	39274-27MSD
	LAB RCVD:	02/11/94	02/11/94	02/11/94	02/11/94	02/11/94	02/11/94
PARAMETER	UNITS						
V Methylene Chloride	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V Methylene Chloride	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V Styrene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V Styrene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V Tetrachloroethene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V Tetrachloroethene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V Toluene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	480.0000	490.0000
V Toluene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	480.0000	10.0000 U
V Trichloroethene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	510.0000	530.0000
V Trichloroethene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	510.0000	10.0000 U
V Vinyl Chloride	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V Vinyl Chloride	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V Xylene (total)	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V Xylene (total)	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V cis-1,3-Dichloropropene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V cis-1,3-Dichloropropene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U
V trans-1,3-Dichloropropene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	100.0000 U
V trans-1,3-Dichloropropene	UG/L	33.0000 U	10.0000 U	10.0000 U	100.0000 U	100.0000 U	10.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 34
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34GR02	34GR02D				
	LAB ID:	39274-015	39274-016				
	LAB RCVD:	02/11/94	02/11/94				
PARAMETER	UNITS						
I Aluminum	UG/L	17.9000 U	17.9000 U	.	.	.	.
I Antimony	UG/L	15.6000 U	15.6000 U	.	.	.	.
I Arsenic	UG/L	4.3000	4.0000	.	.	.	.
I Barium	UG/L	2.4000 U	2.4000 U	.	.	.	.
I Beryllium	UG/L	0.4000 U	0.4000 U	.	.	.	.
I Cadmium	UG/L	2.1000 U	2.1000 U	.	.	.	.
I Calcium	UG/L	69600.0000	69000.0000	.	.	.	.
I Chromium	UG/L	2.3000 UJ	2.3000 UJ	.	.	.	.
I Cobalt	UG/L	3.2000 U	3.2000 U	.	.	.	.
I Copper	UG/L	2.6000 UJ	2.6000 UJ	.	.	.	.
I Cyanide	UG/L	1.0000 U	1.0000 U	.	.	.	.
I Iron	UG/L	2240.0000	2230.0000	.	.	.	.
I Lead	UG/L	3.0000 U	0.7500 U	.	.	.	.
I Magnesium	UG/L	1560.0000	1560.0000	.	.	.	.
I Manganese	UG/L	117.0000	116.0000	.	.	.	.
I Mercury	UG/L	0.1000 U	0.1000 U	.	.	.	.
I Nickel	UG/L	10.4000 U	10.4000 U	.	.	.	.
I Potassium	UG/L	1600.0000 J	1270.0000 J	.	.	.	.
I Selenium	UG/L	1.7000 UJ	1.7000 UJ	.	.	.	.
I Silver	UG/L	3.6000 UJ	3.6000 UJ	.	.	.	.
I Sodium	UG/L	4650.0000	4600.0000	.	.	.	.
I Thallium	UG/L	2.8000 U	2.8000 U	.	.	.	.
I Vanadium	UG/L	3.3000 U	3.3000 U	.	.	.	.
I Zinc	UG/L	1.7000 U	1.7000 U	.	.	.	.
P 4,4'-DDD	UG/L	0.1200 UJ	0.1200 UJ	.	.	.	.
P 4,4'-DDE	UG/L	0.1200 UJ	0.1200 UJ	.	.	.	.
P 4,4'-DDT	UG/L	0.1200 UJ	0.1200 UJ	.	.	.	.
P Aldrin	UG/L	0.0580 UJ	0.0590 UJ	.	.	.	.
P Aroclor 1016	UG/L	1.2000 UJ	1.2000 UJ	.	.	.	.
P Aroclor 1221	UG/L	2.3000 UJ	2.4000 UJ	.	.	.	.
P Aroclor 1232	UG/L	1.2000 UJ	1.2000 UJ	.	.	.	.

PENSACOLA SITE 34
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34GR02	34GR02D				
	LAB ID:	39274-7	39274-8				
	LAB RCVD:	02/11/94	02/11/94	.	.	.	.
PARAMETER	UNITS						
P Aroclor 1242	UG/L	1.2000 UJ	1.2000 UJ	.	.	.	.
P Aroclor 1248	UG/L	1.2000 UJ	1.2000 UJ	.	.	.	.
P Aroclor 1254	UG/L	1.2000 UJ	1.2000 UJ	.	.	.	.
P Aroclor 1260	UG/L	1.2000 UJ	1.2000 UJ	.	.	.	.
P Dieldrin	UG/L	0.1200 UJ	0.1200 UJ	.	.	.	.
P Endosulfan I	UG/L	0.0580 UJ	0.0590 UJ	.	.	.	.
P Endosulfan II	UG/L	0.1200 UJ	0.1200 UJ	.	.	.	.
P Endosulfan sulfate	UG/L	0.1200 UJ	0.1200 UJ	.	.	.	.
P Endrin	UG/L	0.1200 UJ	0.1200 UJ	.	.	.	.
P Endrin aldehyde	UG/L	0.1200 UJ	0.1200 UJ	.	.	.	.
P Endrin ketone	UG/L	0.1200 UJ	0.1200 UJ	.	.	.	.
P Heptachlor	UG/L	0.0580 UJ	0.0590 UJ	.	.	.	.
P Heptachlor epoxide	UG/L	0.0580 UJ	0.0590 UJ	.	.	.	.
P Methoxychlor	UG/L	0.5800 UJ	0.5900 UJ	.	.	.	.
P Toxaphene	UG/L	5.8000 UJ	5.9000 UJ	.	.	.	.
P alpha-BHC	UG/L	0.0580 UJ	0.0590 UJ	.	.	.	.
P alpha-Chlordane	UG/L	0.0580 UJ	0.0590 UJ	.	.	.	.
P beta-BHC	UG/L	0.0580 UJ	0.0590 UJ	.	.	.	.
P delta-BHC	UG/L	0.0580 UJ	0.0590 UJ	.	.	.	.
P gamma-BHC (Lindane)	UG/L	0.0580 UJ	0.0590 UJ	.	.	.	.
P gamma-Chlordane	UG/L	0.0580 UJ	0.0590 UJ	.	.	.	.
S 1,2,4-Trichlorobenzene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 1,2-Dichlorobenzene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 1,3-Dichlorobenzene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 1,4-Dichlorobenzene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 2,4,5-Trichlorophenol	UG/L	110.0000 U	110.0000 U	.	.	.	.
S 2,4,6-Trichlorophenol	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 2,4-Dichlorophenol	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 2,4-Dimethylphenol	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 2,4-Dinitrophenol	UG/L	110.0000 U	110.0000 U	.	.	.	.
S 2,4-Dinitrotoluene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 2,6-Dinitrotoluene	UG/L	44.0000 U	44.0000 U	.	.	.	.

PENSACOLA SITE 34
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34GR02	34GR02D				
	LAB ID:	39274-7	39274-8				
	LAB RCVD:	02/11/94	02/11/94				
PARAMETER	UNITS						
S 2-Chloronaphthalene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 2-Chlorophenol	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 2-Methylnaphthalene	UG/L	270.0000	260.0000	.	.	.	.
S 2-Methylphenol	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 2-Nitroaniline	UG/L	110.0000 U	110.0000 U	.	.	.	.
S 2-Nitrophenol	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 3,3'-Dichlorobenzidine	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 3-Nitroaniline	UG/L	110.0000 U	110.0000 U	.	.	.	.
S 4,6-Dinitro-2-methylphenol	UG/L	110.0000 U	110.0000 U	.	.	.	.
S 4-Bromophenyl-phenylether	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 4-Chloro-3-methylphenol	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 4-Chloroaniline	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 4-Chlorophenyl-phenylether	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 4-Methylphenol	UG/L	44.0000 U	44.0000 U	.	.	.	.
S 4-Nitroaniline	UG/L	110.0000 U	110.0000 U	.	.	.	.
S 4-Nitrophenol	UG/L	110.0000 U	110.0000 U	.	.	.	.
S Acenaphthene	UG/L	44.0000 UJ	44.0000 UJ	.	.	.	.
S Acenaphthylene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Anthracene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Benzo(a)anthracene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Benzo(a)pyrene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Benzo(b)fluoranthene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Benzo(g,h,i)perylene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Benzo(k)fluoranthene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Butylbenzylphthalate	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Carbazole	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Chrysene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Di-n-butylphthalate	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Di-n-octylphthalate	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Dibenz(a,h)anthracene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Dibenzofuran	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Diethylphthalate	UG/L	44.0000 U	44.0000 U	.	.	.	.

PENSACOLA SITE 34
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34GR02	34GR02D				
	LAB ID:	39274-7	39274-8				
	LAB RCVD:	02/11/94	02/11/94	.	.	.	.
PARAMETER	UNITS						
S Dimethylphthalate	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Fluoranthene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Fluorene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Hexachlorobenzene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Hexachlorobutadiene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Hexachlorocyclopentadiene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Hexachloroethane	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Indeno(1,2,3-cd)pyrene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Isophorone	UG/L	44.0000 U	44.0000 U	.	.	.	.
S N-Nitroso-di-n-propylamine	UG/L	44.0000 U	44.0000 U	.	.	.	.
S N-Nitrosodiphenylamine	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Naphthalene	UG/L	320.0000	280.0000	.	.	.	.
S Nitrobenzene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Pentachlorophenol	UG/L	110.0000 U	110.0000 U	.	.	.	.
S Phenanthrene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Phenol	UG/L	44.0000 U	44.0000 U	.	.	.	.
S Pyrene	UG/L	44.0000 U	44.0000 U	.	.	.	.
S bis(2-Chloroethoxy)methane	UG/L	44.0000 U	44.0000 U	.	.	.	.
S bis(2-Ethlyhexy)phthalate	UG/L	44.0000 U	44.0000 U	.	.	.	.
S bis(2-chloroethyl)ether	UG/L	44.0000 U	44.0000 U	.	.	.	.
S bis(2-chloroisopropyl)ether	UG/L	44.0000 U	44.0000 U	.	.	.	.
V 1,1,1-Trichloroethane	UG/L	100.0000 U	100.0000 U	.	.	.	.
V 1,1,2,2-Tetrachloroethane	UG/L	100.0000 U	100.0000 U	.	.	.	.
V 1,1,2-Trichloroethane	UG/L	100.0000 U	100.0000 U	.	.	.	.
V 1,1-Dichloroethane	UG/L	100.0000 U	100.0000 U	.	.	.	.
V 1,1-Dichloroethene	UG/L	100.0000 U	100.0000 U	.	.	.	.
V 1,2-Dichloroethane	UG/L	100.0000 U	100.0000 U	.	.	.	.
V 1,2-Dichloroethene (total)	UG/L	100.0000 U	100.0000 U	.	.	.	.
V 1,2-Dichloropropane	UG/L	100.0000 U	100.0000 U	.	.	.	.
V 2-Butanone	UG/L	100.0000 U	100.0000 U	.	.	.	.
V 2-Hexanone	UG/L	100.0000 U	100.0000 U	.	.	.	.
V 4-Methyl-2-Pentanone	UG/L	100.0000 U	100.0000 U	.	.	.	.

PENSACOLA SITE 34
WATER SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34GR02	34GR02D	.	.	.	.
	LAB ID:	39274-31	39274-32				
	LAB RCVD:	02/11/94	02/11/94				
PARAMETER	UNITS						
V Acetone	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Benzene	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Bromodichloromethane	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Bromoform	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Bromomethane	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Carbon Disulfide	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Carbon Tetrachloride	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Chlorobenzene	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Chloroethane	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Chloroform	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Chloromethane	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Dibromochloromethane	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Ethylbenzene	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Methylene Chloride	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Styrene	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Tetrachloroethene	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Toluene	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Trichloroethene	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Vinyl Chloride	UG/L	100.0000 U	100.0000 U	.	.	.	.
V Xylene (total)	UG/L	100.0000 U	100.0000 U	.	.	.	.
V cis-1,3-Dichloropropene	UG/L	100.0000 U	100.0000 U	.	.	.	.
V trans-1,3-Dichloropropene	UG/L	100.0000 U	100.0000 U	.	.	.	.

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA, FLORIDA

SITE 34

(BLANKS)

PENSACOLA SITE 34
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34GE02	34GT01	70FB10	PBLK39	PBLK40	PBLK42
	LAB ID:	39274-013	39274-33	39274-014	BP2776	BP2780	SBP2786
	LAB RCVD:	02/11/94	02/11/94	02/11/94	.	.	.
PARAMETER	UNITS						
		.	.	.	.	.	.
I Aluminum	UG/L	17.9000 U	.	17.9000 U	.	.	.
I Antimony	UG/L	15.6000 U	.	15.6000 U	.	.	.
I Arsenic	UG/L	2.9000 U	.	2.9000 U	.	.	.
I Barium	UG/L	2.4000 U	.	3.5000	.	.	.
I Beryllium	UG/L	0.4000 U	.	0.4000 U	.	.	.
I Cadmium	UG/L	2.1000 U	.	2.1000 U	.	.	.
I Calcium	UG/L	22.2000	.	172.0000	.	.	.
I Chromium	UG/L	2.3000 U	.	2.3000 U	.	.	.
I Cobalt	UG/L	3.2000 U	.	3.2000 U	.	.	.
I Copper	UG/L	2.6000 U	.	2.6000 U	.	.	.
I Cyanide	UG/L	1.0000 U	.	1.0000 U	.	.	.
I Iron	UG/L	15.4000	.	8.5000 U	.	.	.
I Lead	UG/L	0.8000	.	1.3000	.	.	.
I Magnesium	UG/L	22.0000 U	.	22.0000 U	.	.	.
I Manganese	UG/L	1.0000 U	.	1.4000	.	.	.
I Mercury	UG/L	0.1000 U	.	0.1000 U	.	.	.
I Nickel	UG/L	10.4000 U	.	10.4000 U	.	.	.
I Potassium	UG/L	649.0000 U	.	649.0000 U	.	.	.
I Selenium	UG/L	1.7000 U	.	1.7000 U	.	.	.
I Silver	UG/L	3.6000 U	.	3.6000 U	.	.	.
I Sodium	UG/L	22.4000 U	.	23.4000	.	.	.
I Thallium	UG/L	2.8000 U	.	2.8000 U	.	.	.
I Vanadium	UG/L	3.3000 U	.	3.3000 U	.	.	.
I Zinc	UG/L	1.7000 U	.	1.7000	.	.	.
P 4,4'-DDD	UG/L	0.1200 UJ	.	0.1200 U	0.1000 U	0.1000 U	0.1000 U
P 4,4'-DDE	UG/L	0.1200 UJ	.	0.1200 U	0.1000 U	0.1000 U	0.1000 U
P 4,4'-DDT	UG/L	0.1200 UJ	.	0.1200 U	0.1000 U	0.1000 U	0.1000 U
P Aldrin	UG/L	0.0600 UJ	.	0.0620 U	0.0500 U	0.0500 U	0.0500 U
P Aroclor 1016	UG/L	1.2000 UJ	.	1.2000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1221	UG/L	2.4000 UJ	.	2.5000 U	2.0000 U	2.0000 U	2.0000 U
P Aroclor 1232	UG/L	1.2000 UJ	.	1.2000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1242	UG/L	1.2000 UJ	.	1.2000 U	1.0000 U	1.0000 U	1.0000 U

PENSACOLA SITE 34
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34GE02	34GT01	70FB10	PBLK39	PBLK40	PBLK42
	LAB ID:	39274-5	39274-33	39274-6	BP2776	BP2780	SBP2786
	LAB RCVD:	02/11/94	02/11/94	02/11/94	.	.	.
PARAMETER	UNITS						
P Aroclor 1248	UG/L	1.2000 UJ	.	1.2000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1254	UG/L	1.2000 UJ	.	1.2000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1260	UG/L	1.2000 UJ	.	1.2000 U	1.0000 U	1.0000 U	1.0000 U
P Dieldrin	UG/L	0.1200 UJ	.	0.1200 U	0.1000 U	0.1000 U	0.1000 U
P Endosulfan I	UG/L	0.0600 UJ	.	0.0620 U	0.0500 U	0.0500 U	0.0500 U
P Endosulfan II	UG/L	0.1200 UJ	.	0.1200 U	0.1000 U	0.1000 U	0.1000 U
P Endosulfan sulfate	UG/L	0.1200 UJ	.	0.1200 U	0.1000 U	0.1000 U	0.1000 U
P Endrin	UG/L	0.1200 UJ	.	0.1200 U	0.1000 U	0.1000 U	0.1000 U
P Endrin aldehyde	UG/L	0.1200 UJ	.	0.1200 U	0.1000 U	0.1000 U	0.1000 U
P Endrin ketone	UG/L	0.1200 UJ	.	0.1200 U	0.1000 U	0.1000 U	0.1000 U
P Heptachlor	UG/L	0.0600 UJ	.	0.0620 U	0.0500 U	0.0500 U	0.0500 U
P Heptachlor epoxide	UG/L	0.0600 UJ	.	0.0620 U	0.0500 U	0.0500 U	0.0500 U
P Methoxychlor	UG/L	0.6000 UJ	.	0.6200 U	0.5000 U	0.5000 U	0.5000 U
P Toxaphene	UG/L	6.0000 UJ	.	6.2000 U	5.0000 U	5.0000 U	5.0000 U
P alpha-BHC	UG/L	0.0600 UJ	.	0.0620 U	0.0500 U	0.0500 U	0.0500 U
P alpha-Chlordane	UG/L	0.0600 UJ	.	0.0620 U	0.0500 U	0.0500 U	0.0500 U
P beta-BHC	UG/L	0.0600 UJ	.	0.0620 U	0.0500 U	0.0500 U	0.0500 U
P delta-BHC	UG/L	0.0600 UJ	.	0.0620 U	0.0500 U	0.0500 U	0.0500 U
P gamma-BHC (Lindane)	UG/L	0.0600 UJ	.	0.0620 U	0.0500 U	0.0500 U	0.0500 U
P gamma-Chlordane	UG/L	0.0600 UJ	.	0.0620 U	0.0500 U	0.0500 U	0.0500 U
S 1,2,4-Trichlorobenzene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 1,2-Dichlorobenzene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 1,3-Dichlorobenzene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 1,4-Dichlorobenzene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 2,4,5-Trichlorophenol	UG/L	31.0000 U	.	31.0000 U	.	.	.
S 2,4,6-Trichlorophenol	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 2,4-Dichlorophenol	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 2,4-Dimethylphenol	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 2,4-Dinitrophenol	UG/L	31.0000 U	.	31.0000 U	.	.	.
S 2,4-Dinitrotoluene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 2,6-Dinitrotoluene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 2-Chloronaphthalene	UG/L	12.0000 U	.	13.0000 U	.	.	.

PENSACOLA SITE 34
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34GE02	34GT01	70FB10	PBLK39	PBLK40	PBLK42
	LAB ID:	39274-5	39274-33	39274-6	BP2776	BP2780	SBP2786
	LAB RCVD:	02/11/94	02/11/94	02/11/94	.	.	.
PARAMETER	UNITS						
S 2-Chlorophenol	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 2-Methylnaphthalene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 2-Methylphenol	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 2-Nitroaniline	UG/L	31.0000 U	.	31.0000 U	.	.	.
S 2-Nitrophenol	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 3,3'-Dichlorobenzidine	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 3-Nitroaniline	UG/L	31.0000 U	.	31.0000 U	.	.	.
S 4,6-Dinitro-2-methylphenol	UG/L	31.0000 U	.	31.0000 U	.	.	.
S 4-Bromophenyl-phenylether	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 4-Chloro-3-methylphenol	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 4-Chloroaniline	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 4-Chlorophenyl-phenylether	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 4-Methylphenol	UG/L	12.0000 U	.	13.0000 U	.	.	.
S 4-Nitroaniline	UG/L	31.0000 U	.	31.0000 U	.	.	.
S 4-Nitrophenol	UG/L	31.0000 U	.	31.0000 U	.	.	.
S Acenaphthene	UG/L	12.0000 UJ	.	13.0000 UJ	.	.	.
S Acenaphthylene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Anthracene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Benzo(a)anthracene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Benzo(a)pyrene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Benzo(b)fluoranthene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Benzo(g,h,i)perylene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Benzo(k)fluoranthene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Butylbenzylphthalate	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Carbazole	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Chrysene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Di-n-butylphthalate	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Di-n-octylphthalate	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Dibenz(a,h)anthracene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Dibenzofuran	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Diethylphthalate	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Dimethylphthalate	UG/L	12.0000 U	.	13.0000 U	.	.	.

PENSACOLA SITE 34
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34GE02	34GT01	70FB10	PBLK39	PBLK40	PBLK42
	LAB ID:	39274-5	39274-33	39274-6	BP2776	BP2780	SBP2786
	LAB RCVD:	02/11/94	02/11/94	02/11/94	.	.	.
PARAMETER	UNITS						
S Fluoranthene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Fluorene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Hexachlorobenzene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Hexachlorobutadiene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Hexachlorocyclopentadiene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Hexachloroethane	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Indeno(1,2,3-cd)pyrene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Isophorone	UG/L	12.0000 U	.	13.0000 U	.	.	.
S N-Nitroso-di-n-propylamine	UG/L	12.0000 U	.	13.0000 U	.	.	.
S N-Nitrosodiphenylamine	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Naphthalene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Nitrobenzene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Pentachlorophenol	UG/L	31.0000 U	.	31.0000 U	.	.	.
S Phenanthrene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Phenol	UG/L	12.0000 U	.	13.0000 U	.	.	.
S Pyrene	UG/L	12.0000 U	.	13.0000 U	.	.	.
S bis(2-Chloroethoxy)methane	UG/L	12.0000 U	.	13.0000 U	.	.	.
S bis(2-Ethlyhexy)phthalate	UG/L	12.0000 U	.	13.0000 U	.	.	.
S bis(2-chloroethyl)ether	UG/L	12.0000 U	.	13.0000 U	.	.	.
S bis(2-chloroisopropyl)ether	UG/L	12.0000 U	.	13.0000 U	.	.	.
V 1,1,1-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 1,1,2,2-Tetrachloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 1,1,2-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 1,1-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 1,1-Dichloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 1,2-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 1,2-Dichloroethene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 1,2-Dichloropropane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 2-Butanone	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 2-Hexanone	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V 4-Methyl-2-Pentanone	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Acetone	UG/L	10.0000 U	10.0000 U	12.0000	.	.	.

PENSACOLA SITE 34
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34GE02	34GT01	70FB10	PBLK39	PBLK40	PBLK42
	LAB ID:	39274-29	39274-33	39274-30	BP2776	BP2780	SBP2786
	LAB RCVD:	02/11/94	02/11/94	02/11/94	.	.	.
PARAMETER	UNITS						
V Benzene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Bromodichloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Bromoform	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Bromomethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Carbon Disulfide	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Carbon Tetrachloride	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Chlorobenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Chloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Chloroform	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Chloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Dibromochloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Ethylbenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Methylene Chloride	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Styrene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Tetrachloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Toluene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Trichloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Vinyl Chloride	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V Xylene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V cis-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.
V trans-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	.	.	.

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 34
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	PIBLKG1 / PIBLKG1 / .	PIBLKG2 / PIBLKG2 / .	PIBLKGH / PIBLKGH / .	PIBLKGI / PIBLKGI / .	PIBLKGJ / PIBLKGJ / .	PIBLKGK / PIBLKGK / .
P 4,4'-DDD	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
P 4,4'-DDD	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
P 4,4'-DDE	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
P 4,4'-DDE	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
P 4,4'-DDT	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
P 4,4'-DDT	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
P Aldrin	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Aldrin	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Aroclor 1016	UG/L	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1016	UG/L	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1221	UG/L	2.0000 U	2.0000 U	2.0000 U	2.0000 U	2.0000 U	2.0000 U
P Aroclor 1221	UG/L	2.0000 U	2.0000 U	2.0000 U	2.0000 U	2.0000 U	2.0000 U
P Aroclor 1232	UG/L	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1232	UG/L	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1242	UG/L	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1242	UG/L	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1248	UG/L	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1248	UG/L	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1254	UG/L	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1254	UG/L	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1260	UG/L	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U
P Aroclor 1260	UG/L	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U	1.0000 U
P Dieldrin	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
P Dieldrin	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
P Endosulfan I	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Endosulfan I	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Endosulfan II	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
P Endosulfan II	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
P Endosulfan sulfate	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
P Endosulfan sulfate	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
P Endrin	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U

PENSACOLA SITE 34
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

PARAMETER	ENSAFE ID: / LAB ID: / LAB RCVD: / UNITS	PIBLKG1 / PIBLKG1 / .	PIBLKG2 / PIBLKG2 / .	PIBLKGH / PIBLKGH / .	PIBLKGI / PIBLKGI / .	PIBLKGJ / PIBLKGJ / .	PIBLKGK / PIBLKGK / .
P Endrin	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
P Endrin aldehyde	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
P Endrin aldehyde	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
P Endrin ketone	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
P Endrin ketone	UG/L	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U	0.1000 U
P Heptachlor	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Heptachlor	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Heptachlor epoxide	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Heptachlor epoxide	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P Methoxychlor	UG/L	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U
P Methoxychlor	UG/L	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U	0.5000 U
P Toxaphene	UG/L	5.0000 U	5.0000 U	5.0000 U	5.0000 U	5.0000 U	5.0000 U
P Toxaphene	UG/L	5.0000 U	5.0000 U	5.0000 U	5.0000 U	5.0000 U	5.0000 U
P alpha-BHC	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P alpha-BHC	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P alpha-Chlordane	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P alpha-Chlordane	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P beta-BHC	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P beta-BHC	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P delta-BHC	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P delta-BHC	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P gamma-BHC (Lindane)	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P gamma-BHC (Lindane)	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P gamma-Chlordane	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U
P gamma-Chlordane	UG/L	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 34
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	SBLKHE	SBLKHI	VBLKGW			
	LAB ID:	B-A1343	B-A1346	BG021494A			
	LAB RCVD:	.	.	.	.	.	.
PARAMETER	UNITS						
S 1,2,4-Trichlorobenzene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 1,2-Dichlorobenzene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 1,3-Dichlorobenzene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 1,4-Dichlorobenzene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 2,4,5-Trichlorophenol	UG/L	25.0000 U	25.0000 U	.	.	.	.
S 2,4,6-Trichlorophenol	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 2,4-Dichlorophenol	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 2,4-Dimethylphenol	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 2,4-Dinitrophenol	UG/L	25.0000 U	25.0000 U	.	.	.	.
S 2,4-Dinitrotoluene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 2,6-Dinitrotoluene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 2-Chloronaphthalene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 2-Chlorophenol	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 2-Methylnaphthalene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 2-Methylphenol	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 2-Nitroaniline	UG/L	25.0000 U	25.0000 U	.	.	.	.
S 2-Nitrophenol	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 3,3'-Dichlorobenzidine	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 3-Nitroaniline	UG/L	25.0000 U	25.0000 U	.	.	.	.
S 4,6-Dinitro-2-methylphenol	UG/L	25.0000 U	25.0000 U	.	.	.	.
S 4-Bromophenyl-phenylether	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 4-Chloro-3-methylphenol	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 4-Chloroaniline	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 4-Chlorophenyl-phenylether	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 4-Methylphenol	UG/L	10.0000 U	10.0000 U	.	.	.	.
S 4-Nitroaniline	UG/L	25.0000 U	25.0000 U	.	.	.	.
S 4-Nitrophenol	UG/L	25.0000 U	25.0000 U	.	.	.	.
S Acenaphthene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Acenaphthylene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Anthracene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Benzo(a)anthracene	UG/L	10.0000 U	10.0000 U	.	.	.	.

PENSACOLA SITE 34
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	SBLKHE	SBLKHI	VBLKGW			
	LAB ID:	B-A1343	B-A1346	BG021494A			
	LAB RCVD:	.	.	.	.	.	.
PARAMETER	UNITS						
S Benzo(a)pyrene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Benzo(b)fluoranthene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Benzo(g,h,i)perylene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Benzo(k)fluoranthene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Butylbenzylphthalate	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Carbazole	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Chrysene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Di-n-butylphthalate	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Di-n-octylphthalate	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Dibenz(a,h)anthracene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Dibenzofuran	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Diethylphthalate	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Dimethylphthalate	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Fluoranthene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Fluorene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Hexachlorobenzene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Hexachlorobutadiene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Hexachlorocyclopentadiene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Hexachloroethane	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Indeno(1,2,3-cd)pyrene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Isophorone	UG/L	10.0000 U	10.0000 U	.	.	.	.
S N-Nitroso-di-n-propylamine	UG/L	10.0000 U	10.0000 U	.	.	.	.
S N-Nitrosodiphenylamine	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Naphthalene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Nitrobenzene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Pentachlorophenol	UG/L	25.0000 U	25.0000 U	.	.	.	.
S Phenanthrene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Phenol	UG/L	10.0000 U	10.0000 U	.	.	.	.
S Pyrene	UG/L	10.0000 U	10.0000 U	.	.	.	.
S bis(2-Chloroethoxy)methane	UG/L	10.0000 U	10.0000 U	.	.	.	.
S bis(2-Ethlyhexy)phthalate	UG/L	10.0000 U	10.0000 U	.	.	.	.
S bis(2-chloroethyl)ether	UG/L	10.0000 U	10.0000 U	.	.	.	.

PENSACOLA SITE 34
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	SBLKHE	SBLKHI	VBLKGW			
	LAB ID:	B-A1343	B-A1346	BG021494A			
	LAB RCVD:	.	.	.	.	.	.
PARAMETER	UNITS						
S bis(2-chloroisopropyl)ether	UG/L	10.0000 U	10.0000 U	.	.	.	.
V 1,1,1-Trichloroethane	UG/L	.	.	10.0000 U	.	.	.
V 1,1,2,2-Tetrachloroethane	UG/L	.	.	10.0000 U	.	.	.
V 1,1,2-Trichloroethane	UG/L	.	.	10.0000 U	.	.	.
V 1,1-Dichloroethane	UG/L	.	.	10.0000 U	.	.	.
V 1,1-Dichloroethene	UG/L	.	.	10.0000 U	.	.	.
V 1,2-Dichloroethane	UG/L	.	.	10.0000 U	.	.	.
V 1,2-Dichloroethene (total)	UG/L	.	.	10.0000 U	.	.	.
V 1,2-Dichloropropane	UG/L	.	.	10.0000 U	.	.	.
V 2-Butanone	UG/L	.	.	10.0000 U	.	.	.
V 2-Hexanone	UG/L	.	.	10.0000 U	.	.	.
V 4-Methyl-2-Pentanone	UG/L	.	.	10.0000 U	.	.	.
V Acetone	UG/L	.	.	10.0000 U	.	.	.
V Benzene	UG/L	.	.	10.0000 U	.	.	.
V Bromodichloromethane	UG/L	.	.	10.0000 U	.	.	.
V Bromoform	UG/L	.	.	10.0000 U	.	.	.
V Bromomethane	UG/L	.	.	10.0000 U	.	.	.
V Carbon Disulfide	UG/L	.	.	10.0000 U	.	.	.
V Carbon Tetrachloride	UG/L	.	.	10.0000 U	.	.	.
V Chlorobenzene	UG/L	.	.	10.0000 U	.	.	.
V Chloroethane	UG/L	.	.	10.0000 U	.	.	.
V Chloroform	UG/L	.	.	10.0000 U	.	.	.
V Chloromethane	UG/L	.	.	10.0000 U	.	.	.
V Dibromochloromethane	UG/L	.	.	10.0000 U	.	.	.
V Ethylbenzene	UG/L	.	.	10.0000 U	.	.	.
V Methylene Chloride	UG/L	.	.	3.0000 J	.	.	.
V Styrene	UG/L	.	.	10.0000 U	.	.	.
V Tetrachloroethene	UG/L	.	.	10.0000 U	.	.	.
V Toluene	UG/L	.	.	10.0000 U	.	.	.
V Trichloroethene	UG/L	.	.	10.0000 U	.	.	.
V Vinyl Chloride	UG/L	.	.	10.0000 U	.	.	.
V Xylene (total)	UG/L	.	.	10.0000 U	.	.	.

PENSACOLA SITE 34
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	SBLKHE	SBLKHI	VBLKGW			
	LAB ID:	B-A1343	B-A1346	BG021494A			
	LAB RCVD:	.	.	.	.	.	.
PARAMETER	UNITS						
V cis-1,3-Dichloropropene	UG/L	.	.	10.0000 U	.	.	.
V trans-1,3-Dichloropropene	UG/L	.	.	10.0000 U	.	.	.

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

PENSACOLA SITE 34
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34SE01	34ST01	34ST02	70FB06	70FB08	70FB09
	LAB ID:	39234-050	39234-44	39234-45	39234-051	39234-052	39234-053
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS						
I Aluminum	UG/L	17.9000 U	.	.	17.9000 U	17.9000 U	17.9000 U
I Antimony	UG/L	15.6000 U	.	.	15.6000 U	15.6000 U	15.6000 U
I Arsenic	UG/L	2.9000 U	.	.	2.9000 U	2.9000 U	2.9000 U
I Barium	UG/L	2.4000 U	.	.	2.4000 U	4.1000 J	2.4000 U
I Beryllium	UG/L	0.4000 U	.	.	0.4000 U	0.4000 U	0.4000 U
I Cadmium	UG/L	2.1000 U	.	.	2.1000 U	2.1000 U	2.1000 U
I Calcium	UG/L	19.0000 U	.	.	19.0000 U	238.0000 J	19.0000 U
I Chromium	UG/L	2.3000 U	.	.	2.3000 U	2.3000 U	2.3000 U
I Cobalt	UG/L	3.2000 U	.	.	3.2000 U	3.2000 U	3.2000 U
I Copper	UG/L	2.6000 U	.	.	2.6000 U	2.6000 U	2.6000 U
I Cyanide	UG/L	1.0000 U	.	.	1.0000 U	1.0000 U	1.0000 U
I Iron	UG/L	12.5000 J	.	.	18.2000 J	8.5000 U	8.5000 U
I Lead	UG/L	1.2000 J	.	.	1.5000 J	0.7000 U	1.4000 J
I Magnesium	UG/L	22.0000 U	.	.	22.0000 U	22.0000 U	22.0000 U
I Manganese	UG/L	1.0000 U	.	.	1.0000 U	3.0000 J	1.0000 U
I Mercury	UG/L	0.1000 U	.	.	0.1000 U	0.1000 U	0.1000 U
I Nickel	UG/L	10.4000 U	.	.	10.4000 U	10.4000 U	10.4000 U
I Potassium	UG/L	649.0000 U	.	.	649.0000 U	649.0000 U	649.0000 U
I Selenium	UG/L	1.7000 U	.	.	1.7000 U	1.7000 U	1.7000 U
I Silver	UG/L	3.6000 U	.	.	3.6000 U	3.6000 U	3.6000 U
I Sodium	UG/L	70.2000 J	.	.	22.4000 U	58.6000 J	22.4000 U
I Thallium	UG/L	2.8000 U	.	.	2.8000 U	2.8000 U	2.8000 U
I Vanadium	UG/L	3.3000 U	.	.	3.3000 U	3.3000 U	3.3000 U
I Zinc	UG/L	1.9000 J	.	.	1.7000 U	2.4000 J	1.7000 U
P 4,4'-DDD	UG/L	0.1100 U	.	.	0.1100 U	0.1100 U	0.1000 U
P 4,4'-DDE	UG/L	0.1100 U	.	.	0.1100 U	0.1100 U	0.1000 U
P 4,4'-DDT	UG/L	0.1100 U	.	.	0.1100 U	0.1100 U	0.1000 U
P Aldrin	UG/L	0.0540 U	.	.	0.0570 U	0.0570 U	0.0510 U
P Aroclor 1016	UG/L	1.1000 U	.	.	1.1000 U	1.1000 U	1.0000 U
P Aroclor 1221	UG/L	2.2000 U	.	.	2.3000 U	2.3000 U	2.0000 U
P Aroclor 1232	UG/L	1.1000 U	.	.	1.1000 U	1.1000 U	1.0000 U
P Aroclor 1242	UG/L	1.1000 U	.	.	1.1000 U	1.1000 U	1.0000 U

PENSACOLA SITE 34
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34SE01	34ST01	34ST02	70FB06	70FB08	70FB09
	LAB ID:	39234-46	39234-44	39234-45	39234-47	39234-48	39234-49
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS						
P Aroclor 1248	UG/L	1.1000 U	.	.	1.1000 U	1.1000 U	1.0000 U
P Aroclor 1254	UG/L	1.1000 U	.	.	1.1000 U	1.1000 U	1.0000 U
P Aroclor 1260	UG/L	1.1000 U	.	.	1.1000 U	1.1000 U	1.0000 U
P Dieldrin	UG/L	0.1100 U	.	.	0.1100 U	0.1100 U	0.1000 U
P Endosulfan I	UG/L	0.0540 U	.	.	0.0570 U	0.0570 U	0.0510 U
P Endosulfan II	UG/L	0.1100 U	.	.	0.1100 U	0.1100 U	0.1000 U
P Endosulfan sulfate	UG/L	0.1100 U	.	.	0.1100 U	0.1100 U	0.1000 U
P Endrin	UG/L	0.1100 U	.	.	0.1100 U	0.1100 U	0.1000 U
P Endrin aldehyde	UG/L	0.1100 U	.	.	0.1100 U	0.1100 U	0.1000 U
P Endrin ketone	UG/L	0.1100 U	.	.	0.1100 U	0.1100 U	0.1000 U
P Heptachlor	UG/L	0.0540 U	.	.	0.0570 U	0.0300 J	0.0510 U
P Heptachlor epoxide	UG/L	0.0540 U	.	.	0.0570 U	0.0570 U	0.0510 U
P Methoxychlor	UG/L	0.5400 U	.	.	0.5700 U	0.5700 U	0.5100 U
P Toxaphene	UG/L	5.4000 U	.	.	5.7000 U	5.7000 U	5.1000 U
P alpha-BHC	UG/L	0.0540 U	.	.	0.0570 U	0.0570 U	0.0510 U
P alpha-Chlordane	UG/L	0.0540 U	.	.	0.0570 U	0.0570 U	0.0510 U
P beta-BHC	UG/L	0.0540 U	.	.	0.0570 U	0.0570 U	0.0510 U
P delta-BHC	UG/L	0.0540 U	.	.	0.0570 U	0.0570 U	0.0510 U
P gamma-BHC (Lindane)	UG/L	0.0540 U	.	.	0.0570 U	0.0570 U	0.0510 U
P gamma-Chlordane	UG/L	0.0540 U	.	.	0.0570 U	0.0570 U	0.0510 U
S 1,2,4-Trichlorobenzene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 1,2-Dichlorobenzene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 1,3-Dichlorobenzene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 1,4-Dichlorobenzene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 2,4,5-Trichlorophenol	UG/L	27.0000 U	.	.	27.0000 U	27.0000 U	26.0000 U
S 2,4,6-Trichlorophenol	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 2,4-Dichlorophenol	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 2,4-Dimethylphenol	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 2,4-Dinitrophenol	UG/L	27.0000 U	.	.	27.0000 U	27.0000 U	26.0000 U
S 2,4-Dinitrotoluene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 2,6-Dinitrotoluene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 2-Chloronaphthalene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U

PENSACOLA SITE 34
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34SE01	34ST01	34ST02	70FB06	70FB08	70FB09
	LAB ID:	39234-46	39234-44	39234-45	39234-47	39234-48	39234-49
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS						
S 2-Chlorophenol	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 2-Methylnaphthalene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 2-Methylphenol	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 2-Nitroaniline	UG/L	27.0000 U	.	.	27.0000 U	27.0000 U	26.0000 U
S 2-Nitrophenol	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 3,3'-Dichlorobenzidine	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 3-Nitroaniline	UG/L	27.0000 U	.	.	27.0000 U	27.0000 U	26.0000 U
S 4,6-Dinitro-2-methylphenol	UG/L	27.0000 U	.	.	27.0000 U	27.0000 U	26.0000 U
S 4-Bromophenyl-phenylether	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 4-Chloro-3-methylphenol	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 4-Chloroaniline	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 4-Chlorophenyl-phenylether	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 4-Methylphenol	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S 4-Nitroaniline	UG/L	27.0000 U	.	.	27.0000 U	27.0000 U	26.0000 U
S 4-Nitrophenol	UG/L	27.0000 U	.	.	27.0000 U	27.0000 U	26.0000 U
S Acenaphthene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Acenaphthylene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Anthracene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Benzo(a)anthracene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Benzo(a)pyrene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Benzo(b)fluoranthene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Benzo(g,h,i)perylene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Benzo(k)fluoranthene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Butylbenzylphthalate	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Carbazole	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Chrysene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Di-n-butylphthalate	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Di-n-octylphthalate	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Dibenz(a,h)anthracene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Dibenzofuran	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Diethylphthalate	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Dimethylphthalate	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U

PENSACOLA SITE 34
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34SE01	34ST01	34ST02	70FB06	70FB08	70FB09
	LAB ID:	39234-46	39234-44	39234-45	39234-47	39234-48	39234-49
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS						
S Fluoranthene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Fluorene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Hexachlorobenzene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Hexachlorobutadiene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Hexachlorocyclopentadiene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Hexachloroethane	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Indeno(1,2,3-cd)pyrene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Isophorone	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S N-Nitroso-di-n-propylamine	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S N-Nitrosodiphenylamine	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Naphthalene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Nitrobenzene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Pentachlorophenol	UG/L	27.0000 U	.	.	27.0000 U	27.0000 U	26.0000 U
S Phenanthrene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Phenol	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S Pyrene	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S bis(2-Chloroethoxy)methane	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S bis(2-Ethlyhexy)phthalate	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S bis(2-chloroethyl)ether	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
S bis(2-chloroisopropyl)ether	UG/L	11.0000 U	.	.	11.0000 U	11.0000 U	10.0000 U
V 1,1,1-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1,2,2-Tetrachloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1,2-Trichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,1-Dichloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,2-Dichloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,2-Dichloroethene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 1,2-Dichloropropane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 2-Butanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 2-Hexanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V 4-Methyl-2-Pentanone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Acetone	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U

PENSACOLA SITE 34
WATER BLANK SAMPLES

Key presented at end of Appendix. Data not shown in significant digits.

	ENSAFE ID:	34SE01	34ST01	34ST02	70FB06	70FB08	70FB09
	LAB ID:	39234-40	39234-44	39234-45	39234-41	39234-42	39234-43
	LAB RCVD:	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94	02/08/94
PARAMETER	UNITS						
V Benzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Bromodichloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Bromoform	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Bromomethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Carbon Disulfide	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Carbon Tetrachloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chlorobenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chloroethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chloroform	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Chloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Dibromochloromethane	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Ethylbenzene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Methylene Chloride	UG/L	10.0000 U	7.0000 J	6.0000 J	6.0000 J	6.0000 J	5.0000 J
V Styrene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Tetrachloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Toluene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Trichloroethene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Vinyl Chloride	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V Xylene (total)	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V cis-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U
V trans-1,3-Dichloropropene	UG/L	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U	10.0000 U

V=Volatile, S=Semivolatile, P=Pesticide, I=Inorganic, R=Remediation

Appendix B

1. USEPA Region III Risk - Based - Concentration Table

2. Florida Department of Environmental Protection Cleanup Goals for the DOD Sites

3. USEPA Numeric Removal Action Levels for Contaminated Drinking Water Sites

4. NAS Pensacola - Specific Background Standards

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region III
841 Chestnut Street
Philadelphia, Pennsylvania 19107

Does not consider dermal pathway

January 7, 1994

SUBJECT: Risk-Based Concentration Table, First Quarter 1994

FROM: Roy L. Smith, Ph.D., Senior Toxicologist
Technical Support Section (3HW13)

TO: RBC Table mailing list

Attached is the EPA Region III risk-based concentration table, which we have distributed quarterly to all interested parties since 1991. If you are not currently on the mailing list, but would like to be, please contact Anna Poulton (phone: 215-597-3179, fax: 215-597-9890) and give her your name, address, and phone and fax numbers.

The table contains reference doses and carcinogenic potency slopes (obtained from IRIS through January 1, 1994, HEAST through July 1993, OHEA-Cincinnati, and other EPA sources) for nearly 600 chemicals. These toxicity constants have been combined with "standard" exposure scenarios to calculate chemical concentrations corresponding to fixed levels of risk (*i.e.*, a hazard quotient of 1, or lifetime cancer risk of 10^{-6}, whichever occurs at a lower concentration) in water, air, fish tissue, and soil.

The Region III toxicologists use this table as a risk-based screen for Superfund sites, and as a desk reference for emergencies and requests for immediate information. The table also provides a useful benchmark for evaluating site investigation data and preliminary remediation goals. The table has no official status as either regulation or guidance, and should be used only as a predictor of generic single-contaminant health risk estimates. *The table is specifically not intended as (1) a stand-alone decision-making tool, (2) a substitute for EPA guidance for preparing baseline risk assessments, (3) a source of site-specific cleanup levels, or (4) a rule to determine if a waste is hazardous under RCRA.* In general, chemical concentrations above the levels in the table suggest a need for a closer look by a toxicologist, but should not be used as the sole basis for taking any action.

The toxicity information in the table has been assembled by hand, and (despite extensive checking and years of use) may contain errors. It's advisable to cross-check before relying on any numbers in the table. If you find any errors, please send me a note.

This issue of the table is printed in a new format, which was developed because it fits more information on each page, while (hopefully) retaining legibility. The table now includes the CAS number of each contaminant, which should reduce confusion about multi-named compounds. Also, each risk-based concentration is now accompanied by a footnote indicating its basis, whether carcinogenic or non-carcinogenic effects. Finally, all newly revised risk-based concentrations have been placed in shaded boxes for quick recognition, rather than summarized here.

I'd like to express my appreciation to all the users of the RBC Table who have contributed suggestions for improvements over the last three years. I hope your continued interest will help us make the table even better in the future. Have a great 1994!

Attachment

Risk-Based Concentration Table
Background Information

General: Separate carcinogenic and non-carcinogenic risk-based concentrations were calculated for each compound for each pathway. The concentration in the table is the lower of the two, rounded to two significant figures. The following terms and values were used in the calculations:

Exposure variables	Value	Name
1-General:		
Carcinogenic potency slope oral (kg-d/mg):	*	CPSo
Carcinogenic potency slope inhaled (kg-d/mg):	*	CPSi
Reference dose oral (mg/kg/d):	*	RfDo
Reference dose inhaled (mg/kg/d):	*	RfDi
Target cancer risk:	1e-06	TR
Target hazard quotient:	1	THQ
Body weight, adult (kg):	70	BWa
Body weight, age 1-6 (kg):	15	BWc
Averaging time carcinogens (d):	25550	ATc
Averaging time non-carcinogens (d):	ED*365	ATn
Inhalation, adult (m3/d):	20	IRAa
Inhalation, child (m3/d):	12	IRAc
Inhalation factor, age-adjusted (m3-y/kg-d):	11.66	IFAadj
Tap water ingestion, adult (L/d):	2	IRWa
Tap water ingestion, age 1-6 (L/d):	1	IRWc
Tap water ingestion factor, age-adjusted (L-y/kg-d):	1.09	IFWadj
Fish ingestion (g/d):	54	IRF
Soil ingestion, adult (mg/d):	100	IRSa
Soil ingestion, age 1-6 (mg/d):	200	IRSc
Soil ingestion factor, age adjusted (mg-y/kg-d):	114.29	IFSadj
2-Residential:		
Exposure frequency (d/y):	350	EFr
Exposure duration, total (y):	30	EDtot

Exposure variables	Value	Name
Exposure duration, age 1-6 (y):	6	EDc
Volatilization factor (L/m3):	0.5	VF
3-Occupational:		
Exposure frequency (d/y):	250	EFo
Exposure duration (y):	25	EDo
* = Contaminant-specific toxicity parameters		

The priority among sources of toxicological constants was as follows: (1) IRIS, (2) HEAST, (3) HEAST alternative method, (4) ECAO-Cincinnati, (5) withdrawn from IRIS, (6) withdrawn from HEAST, and (7) other EPA documents. Each source was used only if numbers from higher-priority sources were unavailable.

Algorithms:

1. Age-adjusted factors: Because contact rates with tap water, ambient air, and residential soil are different for children and adults, carcinogenic risks during the first 30 years of life were calculated using age-adjusted factors. These factors approximated the integrated exposure from birth until age 30 by combining contact rates, body weights, and exposure durations for two age groups - small children and adults. The age-adjusted factor for soil was obtained from RAGS IB; the others were developed by analogy.

a. Air inhalation ([$m^3 \cdot y$]/[kg· d]):

$$IFAadj = \frac{EDc \cdot IRAc}{BWc} + \frac{(EDtot - EDc) \cdot IRAa}{BWa}$$

b. Tap water ingestion ([L· y]/[kg· d]):

$$IFWadj = \frac{EDc \cdot IRWc}{BWc} + \frac{(EDtot - EDc) \cdot IRWa}{BWa}$$

c. Soil ingestion ([mg· y]/[kg· d]):

$$IFSadj = \frac{EDc \cdot IRSc}{BWc} + \frac{(EDtot - EDc) \cdot IRSa}{BWa}$$

2. Residential water use (μg/L). Volatilization terms were calculated only for compounds with "***" in the "VOC" column. Compounds having a Henry's Law constant greater than 10^{-5} were considered volatile. The list may be incomplete, but is unlikely to include false positives. The equations and the volatilization factor (VF, above) were obtained from RAGS IB. Oral potency slopes and reference doses were used for both oral and inhaled exposures for volatile compounds lacking inhalation values. Inhaled potency slopes were substituted for unavailable oral potency slopes only for volatile compounds; inhaled RfDs were substituted for unavailable oral RfDs for both volatile and non-volatile compounds.

a. Carcinogens: Calculations were based on combined childhood and adult exposure.

$$\frac{TR \cdot ATc \cdot 1000\frac{\mu g}{mg}}{EFr \cdot ([VF \cdot IFAadj \cdot CPSi] + [IFWadj \cdot CPSo])}$$

b. Non-carcinogens: Calculations were based on adult exposure.

$$\frac{THQ \cdot BWa \cdot ATn \cdot 1000\frac{\mu g}{mg}}{EFr \cdot EDtot \cdot \left(\frac{VF \cdot IRAa}{RfDi} + \frac{IRWa}{RfDo}\right)}$$

3. Air (μg/m^3). Oral potency slopes and references were used where inhalation values were not available.

a. Carcinogens: Calculations were based on combined childhood and adult exposure.

$$\frac{TR \cdot ATc \cdot 1000\frac{\mu g}{mg}}{EFr \cdot IFAadj \cdot CPSi}$$

b. Non-carcinogens: Calculations were based on adult exposure.

$$\frac{THQ \cdot RfDi \cdot BWa \cdot ATn \cdot 1000\frac{\mu g}{mg}}{EFr \cdot EDtot \cdot IRAa}$$

4. Fish (mg/kg):

a. Carcinogens: Calculations were based on adult exposure.

$$\frac{TR \cdot BWa \cdot ATc}{EFr \cdot EDtot \cdot \frac{IRF}{1000\frac{g}{kg}} \cdot CPSo}$$

b. Non-carcinogens: Calculations were based on adult exposure.

$$\frac{THQ \cdot RfDo \cdot BWa \cdot ATn}{EFr \cdot EDtot \cdot \frac{IRF}{1000\frac{g}{kg}}}$$

5. Soil commercial/industrial (mg/kg): The default exposure assumption that only 50% of incidental soil ingestion occurs at work has been omitted. Calculations were based on adult occupational exposure.

a. Carcinogens:

$$\frac{TR \cdot BWa \cdot ATc}{EFo \cdot EDo \cdot \frac{IRSa}{10^6 \frac{mg}{kg}} \cdot CPSo}$$

b. Non-carcinogens:

$$\frac{THQ \cdot RfDo \cdot BWa \cdot ATn}{EFo \cdot EDo \cdot \frac{IRSa}{10^6 \frac{mg}{kg}}}$$

6. Soil residential (mg/kg):

a. Carcinogens: Calculations were based on combined childhood and adult exposure.

$$\frac{TR \cdot ATc}{EFr \cdot \frac{IFSadj}{10^6 \frac{mg}{kg}} \cdot CPSo}$$

b. Non-carcinogens: Calculations were based on childhood exposure only.

$$\frac{THQ \cdot RfDo \cdot BWc \cdot ATn}{EFr \cdot EDc \cdot \frac{IRSc}{10^6 \frac{mg}{kg}}}$$

Sources: i=IRIS h=HEAST a=HEAST alt. x=W/D from IRIS y=W/D from HEAST e=EPA–ECAO o=Other EPA docs. *Basis of RBC: c=carcinogenic effects n=noncarcinogenic effects.*

Contaminant	CAS	RfDo mg/kg/d	RfDi mg/kg/d	CPSo kg•d/mg	CPSi kg•d/mg	VOC	Tap water µg/L	Ambient air µg/m3	Fish mg/kg	Industrial soil mg/kg	Residential soil mg/kg
Acephate	30560191	4.00E–03 i		8.70E–03 i			7.7 e	0.72 o	0.36 o	330 o	73 o
Acetaldehyde	75070		2.57E–03 i		7.70E–03 i		94 n	0.81 o			
Acetochlor	34256821	2.00E–02 i					730 n	73 n	27 n	20000 n	1600 n
Acetone	67641	1.00E–01 i					3700 n	370 n	140 n	100000 n	7800 n
Acetone cyanohydrin	75865	7.00E–02 h	2.86E–03 h				2600 n	10 n	95 n	72000 n	5500 n
Acetonitrile	75078	6.00E–03 i	1.43E–02 h				220 n	52 n	8.1 n	6100 n	470 n
Acetophenone	98862	1.00E–01 i	5.71E–06 w			***	0.042 n	0.021 n	140 n	100000 n	7800 n
Acifluorfen	62476599	1.30E–02 i					470 n	47 n	18 n	13000 n	1000 n
Acrolein	107028	2.00E–02 h	5.71E–06 i				730 n	0.021 n	27 n	20000 n	1600 n
Acrylamide	79061	2.00E–04 i		4.50E+00 i	4.55E+00 i		0.015 o	0.0014 o	0.0007 o	0.64 o	0.14 o
Acrylic acid	79107	8.00E–02 i	8.57E–05 i				2900 n	0.31 n	110 n	82000 n	6300 n
Acrylonitrile	107131		5.71E–04 i	5.40E–01 i	2.38E–01 i		0.12 e	0.026 e	0.0058 e	5.3 e	1.2 e
Alachlor	15972608	1.00E–02 i		8.00E–02 h			0.84 o	0.078 o	0.039 o	36 o	8 o
Alar	1596845	1.50E–01 i					5500 n	550 n	200 n	150000 n	12000 n
Aldicarb	116063	1.00E–03 i					37 n	3.7 n	1.4 n	1000 n	78 n
Aldicarb sulfone	1646884	1.00E–03 i					37 n	3.7 n	1.4 n	1000 n	78 n
Aldrin	309002	3.00E–05 i		1.70E+01 i	1.71E+01 i		0.004 o	0.00037 o	0.00019 o	0.17 o	0.038 o
Ally	74223646	2.50E–01 i					9100 n	910 n	340 n	260000 n	20000 n
Allyl alcohol	107186	5.00E–03 i					180 n	18 n	6.8 n	5100 n	390 n
Allyl chloride	107051	5.00E–02 w	2.86E–04 i				1800 n	1 n	68 n	51000 n	3900 n
Aluminum	7429905	2.90E+00 o					110000 n	11000 n	3900 n	1000000 n	230000 n
Aluminum phosphide	20859738	4.00E–04 i					15 n	1.5 n	0.54 n	410 n	31 n
Amdro	67485294	3.00E–04 i					11 n	1.1 n	0.41 n	310 n	23 n
Ametryn	834128	9.00E–03 i					330 n	33 n	12 n	9200 n	700 n
m–Aminophenol	591275	7.00E–02 h					2600 n	260 n	95 n	72000 n	5500 n
4–Aminopyridine	504245	2.00E–05 h					0.73 n	0.073 n	0.027 n	20 n	1.6 n
Amitraz	33089611	2.50E–03 i					91 n	9.1 n	3.4 n	2600 n	200 n
Ammonia	7664417		2.86E–02 i				1000 n	100 n			
Ammonium sulfamate	7773060	2.00E–01 i					7300 n	730 n	270 n	200000 n	16000 n
Aniline	62533		2.86E–04 i	5.70E–03 i			10 n	1 n	0.55 o	500 o	110 o
Antimony and compounds	7440360	4.00E–04 i					15 n	1.5 n	0.54 n	410 n	31 n
Antimony pentoxide	1314609	5.00E–04 h					18 n	1.8 n	0.68 n	510 n	39 n
Antimony potassium tartrate	304610	9.00E–04 h					33 n	3.3 n	1.2 n	920 n	70 n
Antimony tetroxide	1332316	4.00E–04 h					15 n	1.5 n	0.54 n	410 n	31 n
Antimony trioxide	1309644	4.00E–04 h					15 n	1.5 n	0.54 n	410 n	31 n
Apollo	74115245	1.30E–02 i					470 n	47 n	18 n	13000 n	1000 n
Aramite	140578	5.00E–02 h		2.50E–02 i	2.49E–02 i		2.7 o	0.25 o	0.13 o	110 o	26 o
Arsenic	7440382	3.00E–04 i					11 n	1.1 n	0.41 n	310 n	23 n
Arsenic (as carcinogen)	744002	3.00E–04		1.75E+00 i	1.51E+01 i		0.038 o	0.00041 o	0.0018 o	1.6 o	0.37 o
Assure	76578148	9.00E–03 i					330 n	33 n	12 n	9200 n	700 n
Asulam	3337711	5.00E–02 i					1800 n	180 n	68 n	51000 n	3900 n
Atrazine	1912249	3.50E–02 i		2.22E–01 h			0.3 o	0.028 o	0.014 o	13 o	2.9 o

Sources: i=IRIS h=HEAST a=HEAST alt. x=W/D from IRIS y=W/D from HEAST e=EPA-ECAO o=Other EPA docs. *Basis of RBC: c=carcinogenic effects n=noncarcinogenic effects.*

Contaminant	CAS	RfDo mg/kg/d	RfDi mg/kg/d	CPSo kg•d/mg	CPSi kg•d/mg	VOC	Tap water µg/L	Ambient air µg/m3	Fish mg/kg	Industrial soil mg/kg	Residential soil mg/kg
Avermectin B1	65195553	4.00E-04 i					15 n	1.5 n	0.54 n	410 n	31 n
Azobenzene	103333			1.10E-01 i	1.08E-01 i		0.61 c	0.058 c	0.029 c	26 c	5.8 c
Barium and compounds	7440393	7.00E-02 i	1.43E-04 h				2600 n	0.52 n	95 n	72000 n	5500 n
Baygon	114261	4.00E-03 i					150 n	15 n	5.4 n	4100 n	310 n
Bayleton	43121433	3.00E-02 i					1100 n	110 n	41 n	31000 n	2300 n
Baythroid	68359375	2.50E-02 i					910 n	91 n	34 n	26000 n	2000 n
Benefin	1861401	3.00E-01 i					11000 n	1100 n	410 n	310000 n	23000 n
Benomyl	17804352	5.00E-02 i					1800 n	180 n	68 n	51000 n	3900 n
Bentazon	25057890	2.50E-03 i					91 n	9.1 n	3.4 n	2600 n	200 n
Benzaldehyde	100527	1.00E-01 i				***	610 n	370 n	140 n	100000 n	7800 n
Benzene	71432		1.43E-04 e	2.90E-02 i	2.90E-02 i	***	0.36 c	0.22 c	0.11 c	99 c	22 c
Benzidine	92875	3.00E-03 i		2.30E+02 i	2.35E+02 i		0.00029 c	0.000027 c	0.000014 c	0.012 c	0.0028 c
Benzoic acid	65850	4.00E+00 i					150000 n	15000 n	5400 n	1000000 n	310000 n
Benzotrichloride	98077			1.30E+01 i			0.0052 c	0.00048 c	0.00024 c	0.22 c	0.049 c
Benzyl alcohol	100516	3.00E-01 h					11000 n	1100 n	410 n	310000 n	23000 n
Benzyl chloride	100447			1.70E-01 i		***	0.062 c	0.037 c	0.019 c	17 c	3.8 c
Beryllium and compounds	7440417	5.00E-03 i		4.30E+00 i	8.40E+00 i		0.016 c	0.00075 c	0.00073 c	0.67 c	0.15 c
Bidrin	141662	1.00E-04 i					3.7 n	0.37 n	0.14 n	100 n	7.8 n
Biphenthrin (Talstar)	82657043	1.50E-02 i					550 n	55 n	20 n	15000 n	1200 n
1,1-Biphenyl	92524	5.00E-02 i					1800 n	180 n	68 n	51000 n	3900 n
Bis(2-chloroethyl)ether	111444			1.10E+00 i	1.16E+00 i	***	0.0092 c	0.0054 c	0.0029 c	2.6 c	0.58 c
Bis(2-chloroisopropyl)ether	39638329	4.00E-02 i		7.00E-02 h	3.50E-02 h	***	0.26 c	0.18 c	0.045 c	41 c	9.1 c
Bis(chloromethyl)ether	542881			2.20E+02 i	2.17E+02 i	***	0.000049 c	0.000029 c	0.000014 c	0.013 c	0.0029 c
Bis(2-chloro-1-methylethyl)ether				7.00E-02 w	7.00E-02 w		0.96 c	0.089 c	0.045 c	41 c	9.1 c
Bis(2-ethylhexyl)phthalate (DEHP)	117817	2.00E-02 i		1.40E-02 i			4.8 c	0.45 c	0.23 c	200 c	46 c
Bisphenol A	80057	5.00E-02 i					1800 n	180 n	68 n	51000 n	3900 n
Boron (and borates)	7440428	9.00E-02 i	5.71E-03 h				3300 n	21 n	120 n	92000 n	7000 n
Boron trifluoride	7637072		2.00E-04 h				7.3 n	0.73 n			
Bromodichloromethane	75274	2.00E-02 i		6.20E-02 i		***	0.17 c	0.1 c	0.051 c	46 c	10 c
Bromoethene	593602				1.10E-01 h	***	0.096 c	0.057 c			
Bromoform (tribromomethane)	75252	2.00E-02 i		7.90E-03 i	3.85E-03 i	***	2.4 c	1.6 c	0.4 c	360 c	81 c
Bromomethane	74839	1.40E-03 i	1.43E-03 i			***	8.7 n	5.2 n	1.9 n	1400 n	110 n
4-Bromophenyl phenyl ether	101553	5.80E-02 o					2100 n	210 n	78 n	59000 n	4500 n
Bromophos	2104963	5.00E-03 h					180 n	18 n	6.8 n	5100 n	390 n
Bromoxynil	1689845	2.00E-02 i					730 n	73 n	27 n	20000 n	1600 n
Bromoxynil octanoate	1689992	2.00E-02 i					730 n	73 n	27 n	20000 n	1600 n
1,3-Butadiene	106990				9.80E-01 i	***	0.011 c	0.0064 c			
1-Butanol	71363	1.00E-01 i					3700 n	370 n	140 n	100000 n	7800 n
Butyl benzyl phthalate	85687	2.00E-01 i					7300 n	730 n	270 n	200000 n	16000 n
Butylate	2008415	5.00E-02 i					1800 n	180 n	68 n	51000 n	3900 n
sec-Buty[illegible]zene	135988	1.00E-02 e				***	61 n	37 n	14 n	10[illegible]	780 n
tert-But[illegible]ene	104518	1.00E-02 e				***	61 n	37 n	14 n	10[illegible]	780 n

Sources: i=IRIS h=HEAST a=HEAST alt. x=W/D from IRIS y=W/D from HEAST e=EPA-ECAO o=Other EPA docs. *Basis of RBC: c=carcinogenic effects n=noncarcinogenic effects.*

Contaminant	CAS	RfDo mg/kg/d	RfDi mg/kg/d	CPSo kg•d/mg	CPSi kg•d/mg	VOC	Tap water µg/L	Ambient air µg/m3	Fish mg/kg	Industrial soil mg/kg	Residential soil mg/kg
Butylphthalyl butylglycolate	85701	1.00E+00 i					37000 n	3700 n	1400 n	1000000 n	78000 n
Cacodylic acid	75605	3.00E-03 h					110 n	11 n	4.1 n	3100 n	230 n
Cadmium and compounds	7440439	5.00E-04 i			6.30E+00 i		18 n	0.00099 o	0.68 n	510 n	39 n
Caprolactam	105602	5.00E-01 i					18000 n	1800 n	680 n	510000 n	39000 n
Captafol	2425061	2.00E-03 i		8.60E-03 h			7.8 o	0.73 o	0.37 o	330 o	74 c
Captan	133062	1.30E-01 i		3.50E-03 h			19 o	1.8 o	0.9 o	820 o	180 c
Carbaryl	63252	1.00E-01 i					3700 n	370 n	140 n	100000 n	7800 n
Carbazole	86748			2.00E-02 h			3.4 o	0.31 o	0.16 o	140 o	32 c
Carbofuran	1563662	5.00E-03 i					180 n	18 n	6.8 n	5100 n	390 n
Carbon disulfide	75150	1.00E-01 i	2.86E-03 h			***	21 n	10 n	140 n	100000 n	7800 n
Carbon tetrachloride	56235	7.00E-04 i	5.71E-04 e	1.30E-01 i	5.25E-02 i	***	0.16 o	0.12 o	0.024 o	22 o	4.9 c
Carbosulfan	55285148	1.00E-02 i					370 n	37 n	14 n	10000 n	780 n
Carboxin	5234684	1.00E-01 i					3700 n	370 n	140 n	100000 n	7800 n
Chloral	75876	2.00E-03 i					73 n	7.3 n	2.7 n	2000 n	160 n
Chloramben	133904	1.50E-02 i					550 n	55 n	20 n	15000 n	1200 n
Chloranil	118752			4.03E-01 h			0.17 c	0.016 o	0.0078 c	7.1 c	1.6 c
Chlordane	57749	6.00E-05 i		1.30E+00 i	1.29E+00 i		0.052 o	0.0049 c	0.0024 o	2.2 c	0.49 c
Chlorimuron-ethyl	90982324	2.00E-02 i					730 n	73 n	27 n	20000 n	1600 n
Chlorine dioxide	10049044		5.71E-05 i				2.1 n	0.21 n			
Chloroacetaldehyde	107200	6.90E-03 o					250 n	25 n	9.3 n	7100 n	540 n
Chloroacetic acid	79118	2.00E-03 h					73 n	7.3 n	2.7 n	2000 n	160 n
2-Chloroacetophenone	532274		8.57E-06 i				0.31 n	0.031 n			
4-Chloroaniline	106478	4.00E-03 i					150 n	15 n	5.4 n	4100 n	310 n
Chlorobenzene	108907	2.00E-02 i	5.71E-03 h			***	39 n	21 n	27 n	20000 n	1600 n
Chlorobenzilate	510156	2.00E-02 i		2.70E-01 h	2.70E-01 h		0.25 o	0.023 o	0.012 o	11 c	2.4 c
p-Chlorobenzoic acid	74113	2.00E-01 h					7300 n	730 n	270 n	200000 n	16000 n
4-Chlorobenzotrifluoride	98566	2.00E-02 h					730 n	73 n	27 n	20000 n	1600 n
2-Chloro-1,3-butadiene	126998	2.00E-02 h	2.00E-03 h			***	14 n	7.3 n	27 n	20000 n	1600 n
1-Chlorobutane	109693	4.00E-01 h				***	2400 n	1500 n	540 n	410000 n	31000 n
Chlorodifluoromethane	75456		1.43e+01 i			***	87000 n	52000 n			
Chloroethane	75003	2.00E-02 e	2.86E+00 i			***	710 n	10000 n	27 n	20000 n	1600 n
2-Chloroethyl vinyl ether	110758	2.50E-02 o				***	150 n	91 n	34 n	26000 n	2000 n
Chloroform	67663	1.00E-02 i		6.10E-03 i	8.05E-02 i	***	0.15 c	0.078 o	0.52 c	470 o	100 c
Chloromethane	74873			1.30E-02 h	6.30E-03 h	***	1.4 o	0.99 c	0.24 c	220 o	49 c
4-Chloro-2,2-methylaniline hydrochloride	3165933			4.60E-01 h			0.15 o	0.014 o	0.0069 o	6.2 o	1.4 c
4-Chloro-2-methylaniline	95692			5.80E-01 h			0.12 o	0.011 o	0.0054 o	4.9 o	1.1 c
beta-Chloronaphthalene	91587	8.00E-02 i					2900 n	290 n	110 n	82000 n	6300 n
o-Chloronitrobenzene	88733			2.50E-02 h		***	0.42 o	0.25 o	0.13 o	110 o	26 c
p-Chloronitrobenzene	121733			1.80E-02 h		***	0.59 o	0.35 o	0.18 o	160 o	35 c
2-Chlorophenol	95578	5.00E-03 i					180 n	18 n	6.8 n	5100 n	390 n
2-Chloropropane	75296		2.86E-02 h			***	170 n	100 n			
Chlorothalonil	1897456	1.50E-02 i		1.10E-02 h			6.1 o	0.57 o	0.29 o	260 o	58 c

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Contaminant	CAS	RfDo mg/kg/d	RfDi mg/kg/d	CPSo kg•d/mg	CPSi kg•d/mg	VOC	Tap water µg/L	Ambient air µg/m3	Fish mg/kg	Industrial soil mg/kg	Residential soil mg/kg
o-Chlorotoluene	95498	2.00E-02 i				***	120 n	73 n	27 n	20000 n	1600 n
Chlorpropham	101213	2.00E-01 i					7300 n	730 n	270 n	200000 n	16000 n
Chlorpyrifos	2921882	3.00E-03 i					110 n	11 n	4.1 n	3100 n	230 n
Chlorpyrifos-methyl	5598130	1.00E-02 h					370 n	37 n	14 n	10000 n	780 n
Chlorsulfuron	64902723	5.00E-02 i					1800 n	180 n	68 n	51000 n	3900 n
Chlorthiophos	60238564	8.00E-04 h					29 n	2.9 n	1.1 n	820 n	63 n
Chromium III and compounds	16065831	1.00E+00 i	5.71E-07 w				37000 n	0.0021 n	1400 n	1000000 n	78000 n
Chromium VI and compounds	7440473	5.00E-03 i			4.20E+01 i		180 n	0.00015 o	6.8 n	5100 n	390 n
Coal tar	8001589				2.20E+00 w			0.0028 o			
Coke Oven Emissions	8007452				2.17E+00 i			0.0029 c			
Copper and compounds	7440508	3.71E-02 h					1400 n	140 n	50 n	38000 n	2900 n
Crotonaldehyde	123739	1.00E-02 w		1.90E+00 h	1.90E+00 w		0.035 c	0.0033 c	0.0017 c	1.5 c	0.34 c
Cumene	98828	4.00E-02 i	2.57E-03 h				1500 n	9.4 n	54 n	41000 n	3100 n
Cyanides:											
Barium cyanide	542621	1.00E-01 h					3700 n	370 n	140 n	100000 n	7800 n
Calcium cyanide	592018	4.00E-02 i					1500 n	150 n	54 n	41000 n	3100 n
Copper cyanide	544923	5.00E-03 i					180 n	18 n	6.8 n	5100 n	390 n
Cyanazine	21725462	2.00E-03 h		8.40E-01 h			0.08 o	0.0075 o	0.0038 c	3.4 c	0.76 c
Cyanogen	460195	4.00E-02 i					1500 n	150 n	54 n	41000 n	3100 n
Cyanogen bromide	506683	9.00E-02 i					3300 n	330 n	120 n	92000 n	7000 n
Cyanogen chloride	506774	5.00E-02 i					1800 n	180 n	68 n	51000 n	3900 n
Free cyanide	57125	2.00E-02 i					730 n	73 n	27 n	20000 n	1600 n
Hydrogen cyanide	74908	2.00E-02 i					730 n	73 n	27 n	20000 n	1600 n
Potassium cyanide	151508	5.00E-02 i					1800 n	180 n	68 n	51000 n	3900 n
Potassium silver cyanide	506616	2.00E-01 i					7300 n	730 n	270 n	200000 n	16000 n
Silver cyanide	506649	1.00E-01 i					3700 n	370 n	140 n	100000 n	7800 n
Sodium cyanide	143339	4.00E-02 i					1500 n	150 n	54 n	41000 n	3100 n
Zinc cyanide	557211	5.00E-02 i					1800 n	180 n	68 n	51000 n	3900 n
Cyclohexanone	108941	5.00E+00 i				***	30000 n	18000 n	6800 n	1000000 n	390000 n
Cyclohexlamine	108918	2.00E-01 i					7300 n	730 n	270 n	200000 n	16000 n
Cyhalothrin/Karate	68085858	5.00E-03 i					180 n	18 n	6.8 n	5100 n	390 n
Cypermethrin	52315078	1.00E-02 i					370 n	37 n	14 n	10000 n	780 n
Cyromazine	66215278	7.50E-03 i					270 n	27 n	10 n	7700 n	590 n
Dacthal	1861321	5.00E-01 i					18000 n	1800 n	680 n	510000 n	39000 n
Dalapon	75990	3.00E-02 i					1100 n	110 n	41 n	31000 n	2300 n
Danitol	39515418	5.00E-04 w					18 n	1.8 n	0.68 n	510 n	39 n
DDD	72548			2.40E-01 i			0.28 o	0.026 o	0.013 o	12 o	2.7 c
DDE	72559			3.40E-01 i			0.2 o	0.018 o	0.0093 o	8.4 o	1.9 c
DDT	50293	5.00E-04 i		3.40E-01 i	3.40E-01 i		0.2 o	0.018 o	0.0093 o	8.4 o	1.9 c
Decabromodiphenyl ether	1163195	1.00E-02 i				***	61 n	37 n	14 n	10000 n	780 n
Demeto	8065483	4.00E-05 i					1.5 n	0.15 n	0.054 n	n	3.1 n
Diallate	2303164			6.10E-02 h		***	0.17 o	0.1 o	0.052 o		10 c

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Diazinon	333415	9.00E-04 h					33 n	3.3 n	1.2 n	920 n	70 n
1,4-Dibromobenzene	106376	1.00E-02 i				***	61 n	37 n	14 n	10000 n	780 n
Dibromochloromethane	124481	2.00E-02 i		8.40E-02 i		***	0.13 c	0.075 c	0.038 c	34 c	7.6 c
1,2-Dibromo-3-chloropropane	96128		5.71E-05 i	1.40E+00 h	6.90E-07 h	***	0.048 c	0.21 n	0.0023 c	2 c	0.46 c
1,2-Dibromoethane	106934		5.71E-05 h	8.50E+01 i	7.70E-01 i	***	0.00075 c	0.0081 c	0.000037 c	0.034 c	0.0075 c
Dibutyl phthalate	84742	1.00E-01 i					3700 n	370 n	140 n	100000 n	7800 n
Dicamba	1918009	3.00E-02 i					1100 n	110 n	41 n	31000 n	2300 n
1,2-Dichlorobenzene	95501	9.00E-02 i	5.71E-02 h			***	370 n	210 n	120 n	92000 n	7000 n
1,3-Dichlorobenzene	541731	8.90E-02 o				***	540 n	320 n	120 n	91000 n	7000 n
1,4-Dichlorobenzene	106467		2.29E-01 i	2.40E-02 h		***	0.44 c	0.26 c	0.13 c	120 c	27 c
3,3'-Dichlorobenzidine	91941			4.50E-01 i			0.15 c	0.014 c	0.007 c	6.4 c	1.4 c
1,4-Dichloro-2-butene	764410				9.30E+00 h	***	0.0011 c	0.00067 c			
Dichlorodifluoromethane	75718	2.00E-01 i	5.71E-02 h			***	390 n	210 n	270 n	200000 n	16000 n
1,1-Dichloroethane	75343	1.00E-01 h	1.43E-01 h			***	810 n	520 n	140 n	100000 n	7800 n
1,2-Dichloroethane (EDC)	107062		2.86E-03 e	9.10E-02 i	9.10E-02 i	***	0.12 c	0.069 c	0.035 c	31 c	7 c
1,1-Dichloroethylene	75354	9.00E-03 i		6.00E-01 i	1.75E-01 i	***	0.044 c	0.036 c	0.0053 c	4.8 c	1.1 c
1,2-Dichloroethylene (cis)	156592	1.00E-02 h				***	61 n	37 n	14 n	10000 n	780 n
1,2-Dichloroethylene (trans)	156605	2.00E-02 i				***	120 n	73 n	27 n	20000 n	1600 n
1,2-Dichloroethylene (mixture)	540590	9.00E-03 h				***	55 n	33 n	12 n	9200 n	700 n
2,4-Dichlorophenol	120832	3.00E-03 i					110 n	11 n	4.1 n	3100 n	230 n
2,4-Dichlorophenoxyacetic Acid (2,4-D)	94757	1.00E-02 i				***	61 n	37 n	14 n	10000 n	780 n
4-(2,4-Dichlorophenoxy)butyric Acid	94826	8.00E-03 i					290 n	29 n	11 n	8200 n	630 n
1,2-Dichloropropane	78875		1.14E-03 i	6.80E-02 h		***	0.16 c	0.092 c	0.046 c	42 c	9.4 c
2,3-Dichloropropanol	616239	3.00E-03 i					110 n	11 n	4.1 n	3100 n	230 n
1,3-Dichloropropene	542756	3.00E-04 i	5.71E-03 i	1.80E-01 h	1.30E-01 h	***	0.077 c	0.048 c	0.018 c	16 c	3.5 c
Dichlorvos	62737	5.00e-04 i		2.90E-01 i			0.23 c	0.022 c	0.011 c	9.9 c	2.2 c
Dicofol	115322			4.40E-01 w			0.15 c	0.014 c	0.0072 c	6.5 c	1.5 c
Dicyclopentadiene	77736	3.00E-02 h	5.71E-05 h			***	0.42 n	0.21 n	41 n	31000 n	2300 n
Dieldrin	60571	5.00E-05 i		1.60E+01 i	1.61E+01 i		0.0042 c	0.00039 c	0.0002 c	0.18 c	0.04 c
Diesel emissions			1.43E-03 i				52 n	5.2 n			
Diethyl phthalate	84662	8.00E-01 i					29000 n	2900 n	1100 n	820000 n	63000 n
Diethylene glycol, monobutyl ether	112345		5.71E-03 h				210 n	21 n			
Diethylene glycol, monoethyl ether	111900	2.00E+00 h					73000 n	7300 n	2700 n	1000000 n	160000 n
Diethylforamide	617845	1.10E-02 h					400 n	40 n	15 n	11000 n	860 n
Di(2-ethylhexyl)adipate	103231	6.00E-01 i		1.20E-03 i			56 c	5.2 c	2.6 c	2400 c	530 c
Diethylstilbestrol	56531			4.70E+03 h			0.000014 c	1.30E-06 c	6.70E-07 c	0.00061 c	0.00014 c
Difenzoquat (Avenge)	43222486	8.00E-02 i					2900 n	290 n	110 n	82000 n	6300 n
Diflubenzuron	35367385	2.00E-02 i					730 n	73 n	27 n	20000 n	1600 n
Diisopropyl methylphosphonate (DIMP)	1445756	8.00E-02 i					2900 n	290 n	110 n	82000 n	6300 n
Dimethipin	55290647	2.00E-02 i					730 n	73 n	27 n	20000 n	1600 n
Dimethoate	60515	2.00E-04 i					7.3 n	0.73 n	0.27 n	200 n	16 n
3,3'-Dimethoxybenzidine	119904			1.40E-02 h			4.8 c	0.45 c	0.23 c	200 c	46 c

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Dimethyl phthalate	131113	1.00E+01 h					370000 n	37000 n	14000 n	1000000 n	780000 n
Dimethyl terephthalate	120616	1.00E-01 i					3700 n	370 n	140 n	100000 n	7800 n
Dimethylamine	124403		5.71E-06 w				0.21 n	0.021 n			
2,4-Dimethylaniline hydrochloride	21436964			5.80E-01 h			0.12 o	0.011 o	0.0054 o	4.9 o	1.1 c
2,4-Dimethylaniline	95681			7.50E-01 h			0.09 o	0.0083 o	0.0042 o	3.8 o	0.85 c
N-N-Dimethylaniline	121697	2.00E-03 i					73 n	7.3 n	2.7 n	2000 n	160 n
3,3'-Dimethylbenzidine	119937			9.20E+00 h			0.0073 o	0.00068 o	0.00034 o	0.31 o	0.069 c
N,N-Dimethylformamide	68122	1.00E-01 h	8.57E-03 i				3700 n	31 n	140 n	100000 n	7800 n
1,1-Dimethylhydrazine	57147			2.60E+00 h	3.50E+00 h		0.026 c	0.0018 c	0.0012 c	1.1 c	0.25 c
1,2-Dimethylhydrazine	540738			3.70E+01 w	3.70E+01 w		0.0018 c	0.00017 c	0.000085 c	0.077 c	0.017 c
2,4-Dimethylphenol	105679	2.00E-02 i					730 n	73 n	27 n	20000 n	1600 n
2,6-Dimethylphenol	576261	6.00E-04 i					22 n	2.2 n	0.81 n	610 n	47 n
3,4-Dimethylphenol	95658	1.00E-03 i					37 n	3.7 n	1.4 n	1000 n	78 n
1,2-Dinitrobenzene	528290	4.00E-04 h					15 n	1.5 n	0.54 n	410 n	31 n
1,3-Dinitrobenzene	99650	1.00E-04 i					3.7 n	0.37 n	0.14 n	100 n	7.8 n
1,4-Dinitrobenzene	100254	4.00E-04 h					15 n	1.5 n	0.54 n	410 n	31 n
4,6-Dinitro-o-cyclohexyl phenol	131895	2.00E-03 i					73 n	7.3 n	2.7 n	2000 n	160 n
2,4-Dinitrophenol	51285	2.00E-03 i					73 n	7.3 n	2.7 n	2000 n	160 n
Dinitrotoluene mixture				6.80E-01 i			0.099 o	0.0092 o	0.0046 o	4.2 o	0.94 c
2,4-Dinitrotoluene	[illegible]1142	2.00E-03 i					73 n	7.3 n	2.7 n	2000 n	160 n
2,6-Dinitrotoluene	[illegible]02	1.00E-03 h					37 n	3.7 n	1.4 n	1000 n	78 n
Dinoseb	88857	1.00E-03 i					37 n	3.7 n	1.4 n	1000 n	78 n
di-n-Octyl phthalate	117840	2.00E-02 h					730 n	73 n	27 n	20000 n	1600 n
1,4-Dioxane	123911			1.10E-02 i			6.1 o	0.57 o	0.29 o	260 o	58 c
Diphenamid	957517	3.00E-02 i					1100 n	110 n	41 n	31000 n	2300 n
Diphenylamine	122394	2.50E-02 i					910 n	91 n	34 n	26000 n	2000 n
1,2-Diphenylhydrazine	122667			8.00E-01 i	7.70E-01 i		0.084 o	0.0081 o	0.0039 o	3.6 o	0.8 c
Diquat	85007	2.20E-03 i					80 n	8 n	3 n	2200 n	170 n
Direct black 38	1937377			8.60E+00 h			0.0078 o	0.00073 o	0.00037 o	0.33 o	0.074 c
Direct blue 6	2602462			8.10E+00 h			0.0083 o	0.00077 o	0.00039 o	0.35 o	0.079 c
Direct brown 95	16071866			9.30E+00 h			0.0072 o	0.00067 o	0.00034 o	0.31 o	0.069 c
Disulfoton	298044	4.00E-05 i					1.5 n	0.15 n	0.054 n	41 n	3.1 n
1,4-Dithiane	505293	1.00E-02 i					370 n	37 n	14 n	10000 n	780 n
Diuron	330541	2.00E-03 i					73 n	7.3 n	2.7 n	2000 n	160 n
Dodine	2439103	4.00E-03 i					150 n	15 n	5.4 n	4100 n	310 n
Endosulfan	115297	6.00E-03 h					220 n	22 n	8.1 n	6100 n	470 n
Endothall	145733	2.00E-02 i					730 n	73 n	27 n	20000 n	1600 n
Endrin	72208	3.00E-04 i					11 n	1.1 n	0.41 n	310 n	23 n
Epichlorohydrin	106898	2.00E-03 h	2.86E-04 i	9.90E-03 i	4.20E-03 i		6.8 o	1 n	0.32 o	290 o	65 c
1,2-Epoxybutane	106887		5.71E-03 i				210 n	21 n			
Ethephc -chloroethyl phosphonic acid)	16672870	5.00E-03 i					180 n	18 n	6.8 n	[illegible] n	390 n
Ethion	563122	5.00E-04 i					18 n	1.8 n	0.68 n		39 n

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2-Ethoxyethanol acetate	111159	3.00E-01 h					11000 n	1100 n	410 n	310000 n	23000 n
2-Ethoxyethanol	110805	4.00E-01 h	5.71E-02 i				15000 n	210 n	540 n	410000 n	31000 n
Ethyl acrylate	140885			4.80E-02 h			1.4 c	0.13 c	0.066 c	60 c	13 c
EPTC (S-Ethyl dipropylthiocarbamate)	759944	2.50E-02 i					910 n	91 n	34 n	26000 n	2000 n
Ethyl ether	60297	2.00E-01 i				***	1200 n	730 n	270 n	200000 n	16000 n
Ethyl methacrylate	97632	9.00E-02 h					3300 n	330 n	120 n	92000 n	7000 n
Ethyl acetate	141786	9.00E-01 i					33000 n	3300 n	1200 n	920000 n	70000 n
Ethylbenzene	100414	1.00E-01 i	2.86E-01 i			***	1300 n	1000 n	140 n	100000 n	7800 n
Ethylene cyanohydrin	109784	3.00E-01 h					11000 n	1100 n	410 n	310000 n	23000 n
Ethylene diamine	107153	2.00E-02 h					730 n	73 n	27 n	20000 n	1600 n
Ethylene glycol	107211	2.00E+00 i					73000 n	7300 n	2700 n	1000000 n	160000 n
Ethylene glycol, monobutyl ether	111762		5.71E-03 h				210 n	21 n			
Ethylene oxide	75218			1.02E+00 h	3.50E-01 h		0.066 c	0.018 c	0.0031 c	2.8 c	0.63 c
Ethylene thiourea (ETU)	96457	8.00E-05 i		6.00E-01 h			0.11 c	0.01 c	0.0053 c	4.8 c	1.1 c
Ethyl p-nitrophenyl phenylphosphorothioate	2104645	1.00E-05 i					0.37 n	0.037 n	0.014 n	10 n	0.78 n
Ethylnitrosourea	759739			1.40E+02 w			0.00048 c	0.000045 c	0.000023 c	0.02 c	0.0046 c
Ethylphthalyl ethyl glycolate	84720	3.00E+00 i					110000 n	11000 n	4100 n	1000000 n	230000 n
Express	10120	8.00E-03 i					290 n	29 n	11 n	8200 n	630 n
Fenamiphos	22224926	2.50E-04 i					9.1 n	0.91 n	0.34 n	260 n	20 n
Fluometuron	2164172	1.30E-02 i					470 n	47 n	18 n	13000 n	1000 n
Fluoride	7782414	6.00E-02 i					2200 n	220 n	81 n	61000 n	4700 n
Fluoridone	59756604	8.00E-02 i					2900 n	290 n	110 n	82000 n	6300 n
Flurprimidol	56425913	2.00E-02 i					730 n	73 n	27 n	20000 n	1600 n
Flutolanil	66332965	6.00E-02 i					2200 n	220 n	81 n	61000 n	4700 n
Fluvalinate	69409945	1.00E-02 i					370 n	37 n	14 n	10000 n	780 n
Folpet	133073	1.00E-01 i		3.50E-03 i			19 c	1.8 c	0.9 c	820 c	180 c
Fomesafen	72178020			1.90E-01 i			0.35 c	0.033 c	0.017 c	15 c	3.4 c
Fonofos	944229	2.00E-03 i					73 n	7.3 n	2.7 n	2000 n	160 n
Formaldehyde	50000	2.00E-01 i			4.55E-02 i		7300 n	0.14 c	270 n	200000 n	16000 n
Formic Acid	64186	2.00E+00 h					73000 n	7300 n	2700 n	1000000 n	160000 n
Fosetyl-al	39148248	3.00E+00 i					110000 n	11000 n	4100 n	1000000 n	230000 n
Furan	110009	1.00E-03 i					37 n	3.7 n	1.4 n	1000 n	78 n
Furazolidone	67458			3.80E+00 h			0.018 c	0.0016 c	0.00083 c	0.75 c	0.17 c
Furfural	98011	3.00E-03 i	1.43E-02 h				110 n	52 n	4.1 n	3100 n	230 n
Furium	531828			5.00E+01 h			0.0013 c	0.00013 c	0.000063 c	0.057 c	0.013 c
Furmecyclox	60568050			3.00E-02 i			2.2 c	0.21 c	0.11 c	95 c	21 c
Glufosinate-ammonium	77182822	4.00E-04 i					15 n	1.5 n	0.54 n	410 n	31 n
Glycidaldehyde	765344	4.00E-04 i	2.86E-04 h				15 n	1 n	0.54 n	410 n	31 n
Glyphosate	1071836	1.00E-01 i					3700 n	370 n	140 n	100000 n	7800 n
Haloxyfop-methyl	69806402	5.00E-05 i					1.8 n	0.18 n	0.068 n	51 n	3.9 n
Harmony	79277273	1.30E-02 i					470 n	47 n	18 n	13000 n	1000 n
HCH (alpha)	319846			6.30E+00 i	6.30E+00 i		0.011 c	0.00099 c	0.0005 c	0.45 c	0.1 c

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Contaminant	CAS	RfDo mg/kg/d	RfDi mg/kg/d	CPSo kg•d/mg	CPSi kg•d/mg	VOC	Tap water µg/L	Ambient air µg/m3	Fish mg/kg	Industrial soil mg/kg	Residential soil mg/kg
HCH (beta)	319857			1.80E+00 i	1.80E+00 i		0.037 c	0.0035 c	0.0018 c	1.6 c	0.35 c
HCH (gamma) Lindane	58899	3.00E-04 i		1.30E+00 h			0.052 c	0.0048 c	0.0024 c	2.2 c	0.49 c
HCH-technical	608731			1.80E+00 i	1.79E+00 i		0.037 c	0.0035 c	0.0018 c	1.6 c	0.35 c
Heptachlor	76448	5.00E-04 i		4.50E+00 i	4.55E+00 i	***	0.0023 c	0.0014 c	0.0007 c	0.64 c	0.14 c
Heptachlor epoxide	1024573	1.30E-05 i		9.10E+00 i	9.10E+00 i	***	0.0012 c	0.00069 c	0.00035 c	0.31 c	0.07 c
Hexabromobenzene	87821	2.00E-03 i				***	12 n	7.3 n	2.7 n	2000 n	160 n
Hexachlorobenzene	118741	8.00E-04 i		1.60E+00 i	1.61E+00 i	***	0.0066 c	0.0039 c	0.002 c	1.8 c	0.4 c
Hexachlorobutadiene	87683	2.00E-04 h		7.80E-02 i	7.70E-02 i	***	0.14 c	0.081 c	0.04 c	37 c	8.2 c
Hexachlorocyclopentadiene	77474	7.00E-03 i	2.00E-05 h			***	0.15 n	0.073 n	9.5 n	7200 n	550 n
Hexachlorodibenzo-p-dioxin mixture	19408743			6.20E+03 i	4.55E+03 i		0.000011 c	1.40E-06 c	5.10E-07 c	0.00046 c	0.0001 c
Hexachloroethane	67721	1.00E-03 i		1.40E-02 i	1.40E-02 i	***	0.75 c	0.45 c	0.23 c	200 c	46 c
Hexachlorophene	70304	3.00E-04 i					11 n	1.1 n	0.41 n	310 n	23 n
Hexahydro-1,3,5-trinitro-1,3,5-triazine	121824	3.00E-03 i		1.10E-01 i			0.61 c	0.057 c	0.029 c	26 c	5.8 c
n-Hexane	110543	6.00E-02 h	5.71E-02 i			***	350 n	210 n	81 n	61000 n	4700 n
Hexazinone	51235042	3.30E-02 i					1200 n	120 n	45 n	34000 n	2600 n
Hydrazine, hydrazine sulfate	302012			3.00E+00 i	1.71E+01 i		0.022 c	0.00037 c	0.0011 c	0.95 c	0.21 c
Hydrogen chloride	7647010		2.00E-03 i				73 n	7.3 n			
Hydrogen sulfide	7783064	3.00E-03 i	2.57E-04 i				110 n	0.94 n	4.1 n	3100 n	230 n
Hydroquinone	123319	4.00E-02 h					1500 n	150 n	54 n	41000 n	3100 n
Imazalil	35554440	1.30E-02 i					470 n	47 n	18 n	13000 n	1000 n
Imazaquin	81335377	2.50E-01 i					9100 n	910 n	340 n	260000 n	20000 n
Iprodione	36734197	4.00E-02 i					1500 n	150 n	54 n	41000 n	3100 n
Isobutanol	78831	3.00E-01 i				***	1800 n	1100 n	410 n	310000 n	23000 n
Isophorone	78591	2.00E-01 i		9.50E-04 i			71 c	6.6 c	3.3 c	3000 c	670 c
Isopropalin	33820530	1.50E-02 i					550 n	55 n	20 n	15000 n	1200 n
Isopropyl methyl phosphonic acid	1832548	1.00E-01 i					3700 n	370 n	140 n	100000 n	7800 n
Isoxaben	82558507	5.00E-02 i					1800 n	180 n	68 n	51000 n	3900 n
Kepone	143500			1.80E+01 e			0.0037 c	0.00035 c	0.00018 c	0.16 c	0.035 c
Lactofen	77501634	2.00E-03 i					73 n	7.3 n	2.7 n	2000 n	160 n
Lead (tetraethyl)	78002	1.00E-07 i					0.0037 n	0.00037 n	0.00014 n	0.1 n	0.0078 n
Linuron	330552	2.00E-03 i					73 n	7.3 n	2.7 n	2000 n	160 n
Lithium	7439932	2.00E-02 e					730 n	73 n	27 n	20000 n	1600 n
Londax	83056996	2.00E-01 i					7300 n	730 n	270 n	200000 n	16000 n
Malathion	121755	2.00E-02 i					730 n	73 n	27 n	20000 n	1600 n
Maleic anhydride	108316	1.00E-01 i					3700 n	370 n	140 n	100000 n	7800 n
Maleic hydrazide	123331	5.00E-01 i					18000 n	1800 n	680 n	510000 n	39000 n
Malononitrile	109773	2.00E-05 h					0.73 n	0.073 n	0.027 n	20 n	1.6 n
Mancozeb	8018017	3.00E-02 h					1100 n	110 n	41 n	31000 n	2300 n
Maneb	12427382	5.00E-03 i					180 n	18 n	6.8 n	5100 n	390 n
Manganese and compounds	7439965	5.00E-03 i	1.43e-05 i				180 n	0.052 n	6.8 n	5100 n	390 n
Mephosf	950107	9.00E-05 h					3.3 n	0.33 n	0.12 n		7 n
Mepiquat ide	24307264	3.00E-02 i					1100 n	110 n	41 n	310[illegible]	2300 n

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Mercury (inorganic)	7439976	3.00E-04 h	8.57E-05 h				11 n	0.31 n	0.41 n	310 n	23 n
Mercury (methyl)	22967926	3.00E-04 i					11 n	1.1 n	0.41 n	310 n	23 n
Merphos	150505	3.00E-05 i					1.1 n	0.11 n	0.041 n	31 n	2.3 n
Merphos oxide	78488	3.00E-05 i					1.1 n	0.11 n	0.041 n	31 n	2.3 n
Metalaxyl	57837191	6.00E-02 i					2200 n	220 n	81 n	61000 n	4700 n
Methacrylonitrile	126987	1.00E-04 i	2.00E-04 h				3.7 n	0.73 n	0.14 n	100 n	7.8 n
Methamidophos	10265926	5.00E-05 i					1.8 n	0.18 n	0.068 n	51 n	3.9 n
Methanol	67561	5.00E-01 i					18000 n	1800 n	680 n	510000 n	39000 n
Methidathion	950378	1.00E-03 i					37 n	3.7 n	1.4 n	1000 n	78 n
Methomyl	16752775	2.50E-02 i					910 n	91 n	34 n	26000 n	2000 n
Methoxychlor	72435	5.00E-03 i					180 n	18 n	6.8 n	5100 n	390 n
2-Methoxyethanol acetate	110496	2.00E-03 h					73 n	7.3 n	2.7 n	2000 n	160 n
2-Methoxyethanol	109864	1.00E-03 h	5.71E-03 i				37 n	21 n	1.4 n	1000 n	78 n
2-Methoxy-5-nitroaniline	99592			4.60E-02 h			1.5 c	0.14 c	0.069 c	62 c	14 c
Methyl acetate	79209	1.00E+00 h					37000 n	3700 n	1400 n	1000000 n	78000 n
Methyl acrylate	96333	3.00E-02 h					1100 n	110 n	41 n	31000 n	2300 n
2-Methylaniline hydrochloride	636215			1.80E-01 h			0.37 c	0.035 c	0.018 c	16 c	3.5 c
2-Methylaniline	95534			2.40E-01 h			0.28 c	0.026 c	0.013 c	12 c	2.7 c
Methyl chlorocarbonate	79221	1.00E+00 w					37000 n	3700 n	1400 n	1000000 n	78000 n
4-(2-Methyl-4-chlorophenoxy) butyric acid	94815	1.00E-02 i					370 n	37 n	14 n	10000 n	780 n
2-Methyl-4-chlorophenoxyacetic acid	94746	5.00E-04 i					18 n	1.8 n	0.68 n	510 n	39 n
2-(2-Methyl-14-chlorophenoxy)propionic acid	93652	1.00E-03 i					37 n	3.7 n	1.4 n	1000 n	78 n
Methylcyclohexane	108872		8.57E-01 h				31000 n	3100 n			
Methylene bromide	74953	1.00E-02 h				***	61 n	37 n	14 n	10000 n	780 n
Methylene chloride	75092	6.00E-02 i	8.57E-01 h	7.50E-03 i	1.64E-03 i	***	4.1 c	3.8 c	0.42 c	380 c	85 c
4,4'-Methylene bis(2-chloroaniline)	101144	7.00E-04 h		1.30E-01 h	1.30E-01 h		0.52 c	0.048 c	0.024 c	22 c	4.9 c
4,4'-Methylenebisbenzeneamine	101779			2.50E-01 h			0.27 c	0.025 c	0.013 c	11 c	2.6 c
4,4'-Methylene bis(N,N'-dimethyl)aniline	101611			4.60E-02 i			1.5 c	0.14 c	0.069 c	62 c	14 c
4,4'-Methylenediphenyl isocyanate	101688		5.71E-06 h			***	0.035 n	0.021 n			
Methyl ethyl ketone	78933	6.00E-01 i	2.86E-01 i				22000 n	1000 n	810 n	610000 n	47000 n
Methyl hydrazine	60344			1.10E+00 h			0.061 c	0.0057 c	0.0029 c	2.6 c	0.58 c
Methyl isobutyl ketone	108101	5.00E-02 h	2.29E-02 h				1800 n	84 n	68 n	51000 n	3900 n
Methyl methacrylate	80626	8.00E-02 h					2900 n	290 n	110 n	82000 n	6300 n
2-Methyl-5-nitroaniline	99558			3.30E-02 h			2 c	0.19 c	0.096 c	87 c	19 c
Methyl parathion	298000	2.50E-04 i					9.1 n	0.91 n	0.34 n	260 n	20 n
2-Methylphenol (o-cresol)	95487	5.00E-02 i					1800 n	180 n	68 n	51000 n	3900 n
3-Methylphenol (m-cresol)	103394	5.00E-02 i					1800 n	180 n	68 n	51000 n	3900 n
4-Methylphenol (p-cresol)	106445	5.00E-03 h					180 n	18 n	6.8 n	5100 n	390 n
Methyl styrene (mixture)	25013154	6.00E-03 h	1.14E-02 h			***	60 n	42 n	8.1 n	6100 n	470 n
Methyl styrene (alpha)	98839	7.00E-02 h				***	430 n	260 n	95 n	72000 n	5500 n
Methyl tertbutyl ether (MTBE)	1634044	5.00E-03 e	8.57E-01 i			***	180 n	3100 n	6.8 n	5100 n	390 n
Metolachlor (Dual)	51218452	1.50E-01 i					5500 n	550 n	200 n	150000 n	12000 n

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Metribuzin	21807649	2.50E-02 i					910 n	91 n	34 n	26000 n	2000 n
Mirex	2385855	2.00E-04 i		1.80E+00 h			0.037 o	0.0035 o	0.0018 o	1.6 c	0.35 c
Molinate	2212671	2.00E-03 i					73 n	7.3 n	2.7 n	2000 n	160 n
Molybdenum	7439987	5.00E-03 i					180 n	18 n	6.8 n	5100 n	390 n
Monochloramine	10599903	1.00E-01 i					3700 n	370 n	140 n	100000 n	7800 n
Naled	300765	2.00E-03 i					73 n	7.3 n	2.7 n	2000 n	160 n
Napropamide	15299997	1.00E-01 i					3700 n	370 n	140 n	100000 n	7800 n
Nickel refinery dust					8.40E-01 i			0.0075 o			
Nickel (soluble salts)	7440020	2.00E-02 i					730 n	73 n	27 n	20000 n	1600 n
Nickel subsulfide	12035722				1.70E+00 i			0.0037 o			
Nitrapyrin	1929824	1.50E-03 w					55 n	5.5 n	2 n	1500 n	120 n
Nitrate	14797558	1.60E+00 i					58000 n	5800 n	2200 n	1000000 n	130000 n
Nitric Oxide	10102439	1.00E-01 i					3700 n	370 n	140 n	100000 n	7800 n
Nitrite	14797650	1.00E-01 i					3700 n	370 n	140 n	100000 n	7800 n
2-Nitroaniline	88744	6.00E-05 w	5.71E-05 h				2.2 n	0.21 n	0.081 n	61 n	4.7 n
3-Nitroaniline	99092	3.00E-03 o					110 n	11 n	4.1 n	3100 n	230 n
4-Nitroaniline	100016	3.00E-03 o					110 n	11 n	4.1 n	3100 n	230 n
Nitrobenzene	98953	5.00E-04 i	5.71E-04 h			***	3.4 n	2.1 n	0.68 n	510 n	39 n
Nitrofurantoin	67209	7.00E-02 h					2600 n	260 n	95 n	72000 n	5500 n
Nitrofurazone	59870			1.50E+00 h	9.40E+00 h		0.045 o	0.00067 o	0.0021 o	1.9 o	0.43 c
Nitrogen dioxide	10102440	1.00E+00 i					37000 n	3700 n	1400 n	1000000 n	78000 n
Nitroguanidine	556887	1.00E-01 i					3700 n	370 n	140 n	100000 n	7800 n
4-Nitrophenol	100027	6.20E-02 o					2300 n	230 n	84 n	63000 n	4800 n
2-Nitropropane	79469		5.71E-03 i		9.40E+00 h		210 n	0.00067 o			
N-Nitrosodi-n-butylamine	924163			5.40E+00 i	5.60E+00 i		0.012 o	0.0011 o	0.00058 o	0.53 c	0.12 c
N-Nitrosodiethanolamine	1116547			2.80E+00 i			0.024 o	0.0022 o	0.0011 o	1 c	0.23 c
N-Nitrosodiethylamine	55185			1.50E+02 i	1.51E+02 i		0.00045 o	0.000041 o	0.000021 o	0.019 c	0.0043 c
N-Nitrosodimethylamine	62759			5.10E+01 i	4.90E+01 i		0.0013 o	0.00013 o	0.000062 o	0.056 o	0.013 c
N-Nitrosodiphenylamine	86306			4.90E-03 i			14 o	1.3 o	0.64 o	580 o	130 c
N-Nitroso di-n-propylamine	621647			7.00E+00 i			0.0096 o	0.00089 o	0.00045 o	0.41 o	0.091 c
N-Nitroso-N-methylethylamine	10595956			2.20E+01 i			0.0031 o	0.00028 o	0.00014 o	0.13 o	0.029 c
N-Nitrosopyrrolidine	930552			2.10E+00 i	2.13E+00 i		0.032 c	0.0029 o	0.0015 o	1.4 o	0.3 c
m-Nitrotoluene	99081	1.00E-02 h				***	61 n	37 n	14 n	10000 n	780 n
o-Nitrotoluene	88722	1.00E-02 h				***	61 n	37 n	14 n	10000 n	780 n
p-Nitrotoluene	99990	1.00E-02 h				***	61 n	37 n	14 n	10000 n	780 n
Norflurazon	27314132	4.00E-02 i					1500 n	150 n	54 n	41000 n	3100 n
NuStar	85509199	7.00E-04 i					26 n	2.6 n	0.95 n	720 n	55 n
Octabromodiphenyl ether	32536520	3.00E-03 i					110 n	11 n	4.1 n	3100 n	230 n
Octahydro-1357-tetranitro-1357-tetrazocine	2691410	5.00E-02 i					1800 n	180 n	68 n	51000 n	3900 n
Octamethylpyrophosphoramide	152169	2.00E-03 h					73 n	7.3 n	2.7 n	2000 n	160 n
Oryzalin	19044883	5.00E-02 i					1800 n	180 n	68 n	51[illegible]	3900 n
Oxadiazo[illegible]	19666309	5.00E-03 i					180 n	18 n	6.8 n	[illegible]	390 n

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Oxamyl	23135220	2.50E-02 i					910 n	91 n	34 n	26000 n	2000 n
Oxyfluorfen	42874033	3.00E-03 i					110 n	11 n	4.1 n	3100 n	230 n
Paclobutrazol	76738620	1.30E-02 i					470 n	47 n	18 n	13000 n	1000 n
Paraquat	1910425	4.50E-03 i					160 n	16 n	6.1 n	4600 n	350 n
Parathion	56382	6.00E-03 h					220 n	22 n	8.1 n	6100 n	470 n
Pebulate	1114712	5.00E-02 h					1800 n	180 n	68 n	51000 n	3900 n
Pendimethalin	40487421	4.00E-02 i					1500 n	150 n	54 n	41000 n	3100 n
Pentabromo-6-chloro cyclohexane	87843			2.30E-02 h			2.9 c	0.27 c	0.14 c	120 c	28 c
Pentabromodiphenyl ether	32534819	2.00E-03 i					73 n	7.3 n	2.7 n	2000 n	160 n
Pentachlorobenzene	608935	8.00E-04 i				***	4.9 n	2.9 n	1.1 n	820 n	63 n
Pentachloronitrobenzene	82688	3.00E-03 i		2.60E-01 h		***	0.041 c	0.024 c	0.012 c	11 c	2.5 c
Pentachlorophenol	87865	3.00E-02 i		1.20E-01 i			0.56 c	0.052 c	0.026 c	24 c	5.3 c
Permethrin	52645531	5.00E-02 i					1800 n	180 n	68 n	51000 n	3900 n
Phenmedipham	13684634	2.50E-01 i					9100 n	910 n	340 n	260000 n	20000 n
Phenol	108952	6.00E-01 i					22000 n	2200 n	810 n	610000 n	47000 n
m-Phenylenediamine	108452	6.00E-03 i					220 n	22 n	8.1 n	6100 n	470 n
o-Phenylenediamine	95545	6.00E-03 h					220 n	22 n	8.1 n	6100 n	470 n
p-Phenylenediamine	106503	1.90E-01 h					6900 n	690 n	260 n	190000 n	15000 n
Phenylmercuric acetate	62384	8.00E-05 i					2.9 n	0.29 n	0.11 n	82 n	6.3 n
2-Phenylphenol	90437			1.94E-03 h			35 c	3.2 c	1.6 c	1500 c	330 c
Phorate	298022	2.00E-04 h					7.3 n	0.73 n	0.27 n	200 n	16 n
Phosmet	732116	2.00E-02 i					730 n	73 n	27 n	20000 n	1600 n
Phosphine	7803512	3.00E-04 i	8.57E-06 h				11 n	0.031 n	0.41 n	310 n	23 n
Phosphorus (white)	7723140	2.00E-05 i					0.73 n	0.073 n	0.027 n	20 n	1.6 n
p-Phthalic acid	100210	1.00E+00 h					37000 n	3700 n	1400 n	1000000 n	78000 n
Phthalic anhydride	85449	2.00E+00 i	3.43E-01 h				73000 n	1300 n	2700 n	1000000 n	160000 n
Picloram	1918021	7.00E-02 i					2600 n	260 n	95 n	72000 n	5500 n
Pirimiphos-methyl	29232937	1.00E-02 i					370 n	37 n	14 n	10000 n	780 n
Polybrominated biphenyls		7.00E-06 h		8.90E+00 h			0.0076 c	0.0007 c	0.00035 c	0.32 c	0.072 c
Polychlorinated biphenyls (PCBs)	1336363			7.70E+00 i			0.0087 c	0.00081 c	0.00041 c	0.37 c	0.083 c
Aroclor 1016	12674112	7.00E-05 i					2.6 n	0.26 n	0.095 n	72 n	5.5 n
Polychlorinated terphenyls (PCTs)				4.50E+00 e			0.015 c	0.0014 c	0.0007 c	0.64 c	0.14 c
Polynuclear aromatic hydrocarbons											
Acenaphthene	83329	6.00E-02 i					2200 n	220 n	81 n	61000 n	4700 n
Anthracene	120127	3.00E-01 i					11000 n	1100 n	410 n	310000 n	23000 n
Benzo[a]pyrene	50328			7.30E+00 i	6.10E+00 h		0.0092 c	0.001 c	0.00043 c	0.39 c	0.088 c
Benzo[b]fluoranthene	205992			7.30E-01 e	6.10E-01 e		0.092 c	0.01 c	0.0043 c	3.9 c	0.88 c
Benzo[k]fluoranthene	207089			7.30E-02 e	6.10E-02 e		0.92 c	0.1 c	0.043 c	39 c	8.8 c
Benz[a]anthracene	56553			7.30E-01 e	6.10E-01 e		0.092 c	0.01 c	0.0043 c	3.9 c	0.88 c
Chrysene	218019			7.30E-03 e	6.10E-03 e		9.2 c	1 c	0.43 c	390 c	88 c
Dibenz[ah]anthracene	53703			7.30E+00 e	6.10E+00 e		0.0092 c	0.001 c	0.00043 c	0.39 c	0.088 c
Fluoranthene	206440	4.00E-02 i					1500 n	150 n	54 n	41000 n	3100 n

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Contaminant	CAS	RfDo mg/kg/d	RfDi mg/kg/d	CPSo kg•d/mg	CPSi kg•d/mg	VOC	Tap water µg/L	Ambient air µg/m3	Fish mg/kg	Industrial soil mg/kg	Residential soil mg/kg
Fluorene	86737	4.00E-02 i					1500 n	150 n	54 n	41000 n	3100 n
Indeno[1,2,3-cd]pyrene	193395			7.30E-01 e	6.10E-01 e		0.092 c	0.01 c	0.0043 c	3.9 c	0.88 c
Naphthalene	91203	4.00E-02 w					1500 n	150 n	54 n	41000 n	3100 n
Pyrene	129000	3.00E-02 i					1100 n	110 n	41 n	31000 n	2300 n
Prochloraz	67747095	9.00E-03 i		1.50E-01 i			0.45 c	0.042 c	0.021 c	19 c	4.3 c
Profluralin	26399360	6.00E-03 h					220 n	22 n	8.1 n	6100 n	470 n
Prometon	1610180	1.50E-02 i					550 n	55 n	20 n	15000 n	1200 n
Prometryn	7287196	4.00E-03 i					150 n	15 n	5.4 n	4100 n	310 n
Pronamide	23950585	7.50E-02 i					2700 n	270 n	100 n	77000 n	5900 n
Propachlor	1918167	1.30E-02 i					470 n	47 n	18 n	13000 n	1000 n
Propanil	709988	5.00E-03 i					180 n	18 n	6.8 n	5100 n	390 n
Propargite	2312358	2.00E-02 i					730 n	73 n	27 n	20000 n	1600 n
Propargyl alcohol	107197	2.00E-03 i					73 n	7.3 n	2.7 n	2000 n	160 n
Propazine	139402	2.00E-02 i					730 n	73 n	27 n	20000 n	1600 n
Propham	122429	2.00E-02 i					730 n	73 n	27 n	20000 n	1600 n
Propiconazole	60207901	1.30E-02 i					470 n	47 n	18 n	13000 n	1000 n
Propylene glycol	57556	2.00E+01 h					730000 n	73000 n	27000 n	1000000 n	1000000 n
Propylene glycol, monoethyl ether	52125538	7.00E-01 h					26000 n	2600 n	950 n	720000 n	55000 n
Propylene glycol, monomethyl ether	107982	7.00E-01 h	5.71E-01 i				26000 n	2100 n	950 n	720000 n	55000 n
Propylene oxide	75569		8.57E-03 i	2.40E-01 i	1.29E-02 i		0.28 c	0.49 c	0.013 c	12 c	2.7 c
Pursuit	81335775	2.50E-01 i					9100 n	910 n	340 n	260000 n	20000 n
Pydrin	51630581	2.50E-02 i					910 n	91 n	34 n	26000 n	2000 n
Pyridine	110861	1.00E-03 i					37 n	3.7 n	1.4 n	1000 n	78 n
Quinalphos	13593038	5.00E-04 i					18 n	1.8 n	0.68 n	510 n	39 n
Quinoline	91225			1.20E+01 h			0.0056 c	0.00052 c	0.00026 c	0.24 c	0.053 c
Resmethrin	10463868	3.00E-02 i					1100 n	110 n	41 n	31000 n	2300 n
Ronnel	299843	5.00E-02 h					1800 n	180 n	68 n	51000 n	3900 n
Rotenone	83794	4.00E-03 i					150 n	15 n	5.4 n	4100 n	310 n
Savey	78587050	2.50E-02 i					910 n	91 n	34 n	26000 n	2000 n
Selenious Acid	7783008	5.00E-03 i					180 n	18 n	6.8 n	5100 n	390 n
Selenium	7782492	5.00E-03 i					180 n	18 n	6.8 n	5100 n	390 n
Selenourea	630104	5.00E-03 h					180 n	18 n	6.8 n	5100 n	390 n
Sethoxydim	74051802	9.00E-02 i					3300 n	330 n	120 n	92000 n	7000 n
Silver and compounds	7440224	5.00E-03 i					180 n	18 n	6.8 n	5100 n	390 n
Simazine	122349	5.00E-03 i		1.20E-01 h			0.56 c	0.052 c	0.026 c	24 c	5.3 c
Sodium azide	26628228	4.00E-03 i					150 n	15 n	5.4 n	4100 n	310 n
Sodium diethyldithiocarbamate	148185	3.00E-02 i		2.70E-01 h			0.25 c	0.023 c	0.012 c	11 c	2.4 c
Sodium fluoroacetate	62748	2.00E-05 i					0.73 n	0.073 n	0.027 n	20 n	1.6 n
Sodium metavanadate	13718268	1.00E-03 h					37 n	3.7 n	1.4 n	1000 n	78 n
Strontium, stable	7440246	6.00E-01 i					22000 n	2200 n	810 n	610000 n	47000 n
Strychnine	57249	3.00E-04 i					11 n	1.1 n	0.41 n	?	23 n
Styrene	100425	2.00E-01 i	2.86E-01			***	1600 n	1000 n	270 n	200	16000 n

Sources: i=IRIS h=HEAST a=HEAST alt. x=W/D from IRIS y=W/D from HEAST e=EPA-ECAO o=Other EPA docs. *Basis of RBC: c=carcinogenic effects n=noncarcinogenic effects.*

Contaminant	CAS	RfDo mg/kg/d	RfDi mg/kg/d	CPSo kg•d/mg	CPSi kg•d/mg	VOC	Tap water µg/L	Ambient air µg/m3	Fish mg/kg	Industrial soil mg/kg	Residential soil mg/kg
Systhane	88671890	2.50E-02 i					910 n	91 n	34 n	26000 n	2000 n
2,3,7,8-TCDD (dioxin)	1746016			1.50E+05 h	1.50E+05 h		4.50E-07 o	4.20E-08 o	2.10E-08 o	0.000019 o	4.30E-06 c
Tebuthiuron	34014181	7.00E-02 i					2600 n	260 n	95 n	72000 n	5500 n
Temephos	3383968	2.00E-02 h					730 n	73 n	27 n	20000 n	1600 n
Terbacil	5902512	1.30E-02 i					470 n	47 n	18 n	13000 n	1000 n
Terbufos	13071799	2.50E-05 h					0.91 n	0.091 n	0.034 n	26 n	2 n
Terbutryn	886500	1.00E-03 i					37 n	3.7 n	1.4 n	1000 n	78 n
1,2,4,5-Tetrachlorobenzene	95943	3.00E-04 i				***	1.8 n	1.1 n	0.41 n	310 n	23 n
1,1,1,2-Tetrachloroethane	630206	3.00E-02 i		2.60E-02 i	2.59E-02 i	***	0.41 c	0.24 c	0.12 c	110 c	25 c
1,1,2,2-Tetrachloroethane	630206			2.00E-01 i	2.03E-01 i	***	0.052 c	0.031 c	0.016 c	14 c	3.2 c
Tetrachloroethylene (PCE)	127184	1.00E-02 i		5.20E-02 e	2.03E-03 e	***	1.1 c	3.1 c	0.061 c	55 c	12 c
2,3,4,6-Tetrachlorophenol	58902	3.00E-02 i					1100 n	110 n	41 n	31000 n	2300 n
p,a,a,a-Tetrachlorotoluene	5216251			2.00E+01 h		***	0.00053 c	0.00031 c	0.00016 c	0.14 c	0.032 c
Tetrachlorovinphos	961115	3.00E-02 i		2.40E-02 h			2.8 c	0.26 c	0.13 c	120 c	27 c
Tetraethyldithiopyrophosphate	3689245	5.00E-04 i					18 n	1.8 n	0.68 n	510 n	39 n
Thallic oxide	1314325	7.00E-05 h					2.6 n	0.26 n	0.095 n	72 n	5.5 n
Thallium											
Thallium acetate	563688	9.00E-05 i					3.3 n	0.33 n	0.12 n	92 n	7 n
Thallium carbonate	6533739	8.00E-05 i					2.9 n	0.29 n	0.11 n	82 n	6.3 n
Thallium chloride	7791120	8.00E-05 i					2.9 n	0.29 n	0.11 n	82 n	6.3 n
Thallium nitrate	10102451	9.00E-05 i					3.3 n	0.33 n	0.12 n	92 n	7 n
Thallium selenite	12039520	9.00E-05 w					3.3 n	0.33 n	0.12 n	92 n	7 n
Thallium sulfate	7446186	8.00E-05 i					2.9 n	0.29 n	0.11 n	82 n	6.3 n
Thiobencarb	28249776	1.00E-02 i					370 n	37 n	14 n	10000 n	780 n
2-(Thiocyanomethylthio)-benzothiazole	21564170	3.00E-02 h					1100 n	110 n	41 n	31000 n	2300 n
Thiofanox	39196184	3.00E-04 h					11 n	1.1 n	0.41 n	310 n	23 n
Thiophanate-methyl	23564058	8.00E-02 i					2900 n	290 n	110 n	82000 n	6300 n
Thiram	137268	5.00E-03 i					180 n	18 n	6.8 n	5100 n	390 n
Tin and compounds		6.00E-01 h					22000 n	2200 n	810 n	610000 n	47000 n
Toluene	108883	2.00E-01 i	1.14E-01 w			***	750 n	420 n	270 n	200000 n	16000 n
Toluene-2,4-diamine	95807			3.20E+00 h			0.021 c	0.002 c	0.00099 c	0.89 c	0.2 c
Toluene-2,5-diamine	95705	6.00E-01 h					22000 n	2200 n	810 n	610000 n	47000 n
Toluene-2,6-diamine	823405	2.00E-01 h					7300 n	730 n	270 n	200000 n	16000 n
p-Toluidine	106490			1.90E-01 h			0.35 c	0.033 c	0.017 c	15 c	3.4 c
Toxaphene	8001352			1.10E+00 i	1.12E+00 i		0.061 c	0.0056 c	0.0029 c	2.6 c	0.58 c
Tralomethrin	66841256	7.50E-03 i					270 n	27 n	10 n	7700 n	590 n
Triallate	2303175	1.30E-02 i					470 n	47 n	18 n	13000 n	1000 n
Triasulfuron	82097505	1.00E-02 i					370 n	37 n	14 n	10000 n	780 n
1,2,4-Tribromobenzene	615543	5.00E-03 i				***	30 n	18 n	6.8 n	5100 n	390 n
Tributyltin oxide (TBTO)	56359	3.00E-05 i					1.1 n	0.11 n	0.041 n	31 n	2.3 n
2,4,6-Trichloroaniline hydrochloride	33663502			2.90E-02 h			2.3 c	0.22 c	0.11 c	99 c	22 c
2,4,6-Trichloroaniline	634935			3.40E-02 h			2 c	0.18 c	0.093 c	84 c	19 c

Sources: i=IRIS h=HEAST a=HEAST alt. x=W/D from IRIS y=W/D from HEAST e=EPA-ECAO o=Other EPA docs. *Basis of RBC: c=carcinogenic effects n=noncarcinogenic effects.*

Contaminant	CAS	RfDo mg/kg/d	RfDi mg/kg/d	CPSo kg•d/mg	CPSi kg•d/mg	VOC	Tap water µg/L	Ambient air µg/m3	Fish mg/kg	Industrial soil mg/kg	Residential soil mg/kg
1,2,4-Trichlorobenzene	120821	1.00E-02 *i*	2.57E-03 *h*			***	18 *n*	9.4 *n*	14 *n*	10000 *n*	780 *n*
1,1,1-Trichloroethane	71556	9.00E-02 *w*	2.86E-01 *w*			***	1300 *n*	1000 *n*	120 *n*	92000 *n*	7000 *n*
1,1,2-Trichloroethane	79005	4.00E-03 *i*		5.70E-02 *i*	5.60E-02 *i*	***	0.19 *c*	0.11 *c*	0.055 *c*	50 *c*	11 *c*
Trichloroethylene (TCE)	79016	6.00E-03 *e*		1.10E-02 *w*	6.00E-03 *e*	***	1.6 *c*	1 *c*	0.29 *c*	260 *c*	58 *c*
Trichlorofluoromethane	75694	3.00E-01 *i*	2.00E-01 *h*			***	1300 *n*	730 *n*	410 *n*	310000 *n*	23000 *n*
2,4,5-Trichlorophenol	95954	1.00E-01 *i*					3700 *n*	370 *n*	140 *n*	100000 *n*	7800 *n*
2,4,6-Trichlorophenol	88062			1.10E-02 *i*	1.09E-02 *i*		6.1 *c*	0.57 *c*	0.29 *c*	260 *c*	58 *c*
2,4,5-Trichlorophenoxyacetic acid	93765	1.00E-02 *i*					370 *n*	37 *n*	14 *n*	10000 *n*	780 *n*
2-(2,4,5-Trichlorophenoxy)propionic acid	93721	8.00E-03 *i*					290 *n*	29 *n*	11 *n*	8200 *n*	630 *n*
1,1,2-Trichloropropane	598776	5.00E-03 *i*				***	30 *n*	18 *n*	6.8 *n*	5100 *n*	390 *n*
1,2,3-Trichloropropane	96184	6.00E-03 *i*				***	37 *n*	22 *n*	8.1 *n*	6100 *n*	470 *n*
1,2,3-TCP as carcinogen	96184			2.70E+00 *e*		***	0.0039 *c*	0.0023 *c*	0.0012 *c*	1.1 *c*	0.24 *c*
1,2,3-Trichloropropene	96195	5.00E-03 *h*				***	30 *n*	18 *n*	6.8 *n*	5100 *n*	390 *n*
1,1,2-Trichloro-1,2,2- trifluoroethane	76131	3.00E+01 *i*	8.57E+00 *h*			***	59000 *n*	31000 *n*	41000 *n*	1000000 *n*	1000000 *n*
Tridiphane	58138082	3.00E-03 *i*					110 *n*	11 *n*	4.1 *n*	3100 *n*	230 *n*
Triethylamine	121448		2.00E-03 *i*				73 *n*	7.3 *n*			
Trifluralin	1582098	7.50E-03 *i*		7.70E-03 *i*			8.7 *c*	0.81 *c*	0.41 *c*	370 *c*	83 *c*
Trimethyl phosphate	512561			3.70E-02 *h*			1.8 *c*	0.17 *c*	0.085 *c*	77 *c*	17 *c*
1,2,4-Trimethylbenzene	95636	5.00e-04 *e*				***	3 *n*	1.8 *n*	0.68 *n*	510 *n*	39 *n*
1,3,5-Trimethylbenzene	108678	4.00e-04 *e*				***	2.4 *n*	1.5 *n*	0.54 *n*	410 *n*	31 *n*
1,3,5-Trinitrobenzene	99354	5.00E-05 *i*					1.8 *n*	0.18 *n*	0.068 *n*	51 *n*	3.9 *n*
Trinitrophenylmethylnitramine	479458	1.00E-02 *h*					370 *n*	37 *n*	14 *n*	10000 *n*	780 *n*
2,4,6-Trinitrotoluene	118967	5.00E-04 *i*		3.00E-02 *i*			2.2 *c*	0.21 *c*	0.11 *c*	95 *c*	21 *c*
Uranium (soluble salts)	7440611	3.00E-03 *i*					110 *n*	11 *n*	4.1 *n*	3100 *n*	230 *n*
Vanadium	7440622	7.00E-03 *h*					260 *n*	26 *n*	9.5 *n*	7200 *n*	550 *n*
Vanadium pentoxide	1314621	9.00E-03 *i*					330 *n*	33 *n*	12 *n*	9200 *n*	700 *n*
Vanadium sulfate	36907423	2.00E-02 *h*					730 *n*	73 *n*	27 *n*	20000 *n*	1600 *n*
Vernam	1929777	1.00E-03 *i*					37 *n*	3.7 *n*	1.4 *n*	1000 *n*	78 *n*
Vindozolin	50471448	2.50E-02 *i*					910 *n*	91 *n*	34 *n*	26000 *n*	2000 *n*
Vinyl acetate	108054	1.00E+00 *h*	5.71E-02 *i*				37000 *n*	210 *n*	1400 *n*	1000000 *n*	78000 *n*
Vinyl bromide	593602		8.57E-04 *i*			***	5.2 *n*	3.1 *n*			
Vinyl chloride	75014			1.90E+00 *h*	3.00E-01 *h*	***	0.019 *c*	0.021 *c*	0.0017 *c*	1.5 *c*	0.34 *c*
Warfarin	81812	3.00E-04 *i*					11 *n*	1.1 *n*	0.41 *n*	310 *n*	23 *n*
m-Xylene	108323	2.00E+00 *h*	2.00E-01 *w*			***	1400 *n*	730 *n*	2700 *n*	1000000 *n*	160000 *n*
o-Xylene	95476	2.00E+00 *h*	2.00E-01 *w*			***	1400 *n*	730 *n*	2700 *n*	1000000 *n*	160000 *n*
p-Xylene	106423		8.57E-02 *w*			***	520 *n*	310 *n*			

Florida Department of

Environmental Protection

Memorandum

TO: Jorge Caspary, Technical Review Section
Bureau of Waste Cleanup

THROUGH: Jim Crane, Technical Review Section
Bureau of Waste Cleanup JJC

FROM: Ligia Mora-Applegate, Technical Review Section
Bureau of Waste Cleanup

DATE: February 14, 1994

SUBJECT: *Cleanup Goals for the DOD Sites*

Attached, for your information and use, please find the soil cleanup goals. If there is ground water contamination, the leachability-based cleanup goals should be considered and compared with the health-based cleanup goals using the applicable scenario (i.e., residential or industrial). The lowest of the two sets should be the final cleanup goal; if the industrial scenario is applicable, the site must have a deed restriction for residential land uses and the like. In addition, where appropriate, the inorganics should pass TCLP.

Among the health-based levels, if a residential scenario is applicable you need to look under the column designated *aggregate resident* for carcinogens and *child resident* for non-carcinogens and choose the **lowest** of the two sets. If an industrial scenario is applicable, look under the columns designated *general worker*, and choose the **lowest** of the two sets.

If any of the levels are below background or the Method Detection Limit (MDL) any of the latter two will suffice.

If you have any questions, please see me.

what does "ND" mean?

Summary of Soil Target Levels

Chemical Name	Soil Target Level (mg/kg) Based on an Excess Cancer Risk of 1E-06			Soil Target Level (mg/kg) Based on a Hazard Index of 1			Soil Target Levels (mg/kg) Based on Leachability
	Aggregate Resident	Child Resident	General Worker	Aggregate Resident	Child Resident	General Worker	
VOCs							
Acetone	ND	ND	ND	7.35E+03	2.70E+03	1.25E+04	6.87E-02
Benzene	2.82E+00	1.02E+01	4.92E+00	ND	ND	ND	2.60E-04
Bromodichloromethane	3.61E+00	6.18E+00	7.57E+00	1.92E+03	6.57E+02	3.35E+03	3.57E-04
2-Butanone	ND	ND	ND	3.30E+04	2.05E+04	4.91E+04	3.60E-02
Ethylbenzene	ND	ND	ND	2.34E+04	6.53E+03	4.43E+04	6.88E-02
Methylene chloride	2.30E+01	6.34E+01	4.22E+01	1.06E+04	3.59E+03	1.85E+04	5.57E-04
Perchloroethylene	1.53E+01	1.61E+01	4.14E+01	3.40E+02	1.44E+02	5.57E+02	2.47E-03
Trichloroethylene	1.34E+01	3.95E+01	2.42E+01	ND	ND	ND	1.04E-03
Xylene (total)	ND	ND	ND	9.43E+04	3.79E+04	1.56E+05	1.15E-02
BNAs							
Acenaphthene	ND	ND	ND	2.02E+04	4.00E+03	4.64E+04	1.86E-01
Acenaphthylene	ND	ND	ND	8.90E+03	2.63E+03	1.63E+04	5.09E-02
Anthracene	ND	ND	ND	8.20E+04	1.83E+04	1.73E+05	5.90E+01
Benzo(a)anthracene	1.51E+00	1.21E+00	5.04E+00	ND	ND	ND	2.76E+01
Benzo(b)fluoranthene	1.50E+00	1.21E+00	5.01E+00	ND	ND	ND	1.10E+01
Benzo(k)fluoranthene	1.50E+00	1.21E+00	4.97E+00	ND	ND	ND	1.10E+01
Benzo(a)pyrene	1.51E-01	1.21E-01	5.04E-01	ND	ND	ND	2.20E+00
Benzo(g,h,i)perylene	ND	ND	ND	1.41E+04	2.26E+03	3.94E+04	3.20E+01
Butylbenzylphthalate	ND	ND	ND	9.35E+04	1.50E+04	2.78E+05	1.11E+00
Carbazole	5.87E+01	4.48E+01	2.24E+02	ND	ND	ND	ND
Chrysene	1.50E+01	1.21E+01	5.03E+01	ND	ND	ND	4.00E+00
Dibenzo(a,h)anthracene	1.51E-01	1.21E-01	5.05E-01	ND	ND	ND	6.60E+01
Dibenzofuran	ND	ND	ND	2.01E+03	3.07E+02	6.40E+03	ND
Fluoranthene	ND	ND	ND	1.82E+04	2.99E+03	4.96E+04	2.13E+01
Fluorene	ND	ND	ND	1.49E+04	2.78E+03	3.60E+04	4.11E+00
n-Hexane	ND	ND	ND	3.02E+04	4.61E+03	9.60E+04	ND
Indeno(1,2,3-c,d)pyrene	1.51E+00	1.21E+00	5.04E+00	ND	ND	ND	3.20E+01
2-Methylnaphthalene	ND	ND	ND	9.00E+02	1.90E+02	2.03E+03	ND
Naphthalene	ND	ND	ND	9.60E+03	2.28E+03	2.00E+04	1.33E-02
Pentachlorophenol	9.68E+00	7.44E+00	3.66E+01	1.49E+04	2.30E+03	4.71E+04	1.06E-01
Phenanthrene	ND	ND	ND	1.47E+04	2.76E+03	3.50E+04	2.81E-01
Pyrene	ND	ND	ND	1.29E+04	2.19E+03	3.38E+04	1.60E+01
Pesticides/Others							
4,4'-DDD	4.78E+00	3.71E+00	1.75E+01	ND	ND	ND	1.54E-01
4,4'-DDE	3.37E+00	2.62E+00	1.24E+01	ND	ND	ND	8.80E-01
DDT	3.23E+00	2.60E+00	1.13E+01	2.31E+02	3.74E+01	6.67E+02	4.86E-02
Chlordane, alpha-	8.80E-01	6.85E-01	3.21E+00	2.93E+01	4.57E+00	8.89E+01	5.60E-01
Chlordane, gamma-	8.80E-01	6.85E-01	3.21E+00	2.93E+01	4.57E+00	8.89E+01	5.60E-01
Dieldrin	7.20E-02	5.59E-02	2.69E-01	2.46E+01	3.82E+00	7.68E+01	3.49E-04
Endrin	ND	ND	ND	1.48E+02	2.29E+01	4.62E+02	6.98E-03
Freon	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	4.85E-02	7.79E-02	1.01E-01	1.19E+00	4.13E-01	2.04E+00	1.07E-04
Toxaphene	4.04E-02	1.67E-01	6.93E-02	ND	ND	ND	6.07E-03
Metals							
Aluminum	ND	ND	ND	ND	ND	ND	ND
Arsenic	7.11E-01	5.20E-01	3.16E+00	1.60E+02	2.34E+01	5.95E+02	ND
Cadmium	6.35E+02	3.18E+03	1.07E+03	2.30E+02	3.75E+01	6.21E+02	ND
Chromium (hexavalent)	9.53E+01	4.77E+02	1.60E+02	1.99E+03	3.59E+02	4.34E+03	ND
Chromium (trivalent)	ND	ND	ND	2.16E+05	5.66E+04	3.06E+05	ND
Cobalt	ND	ND	ND	ND	ND	ND	ND
Copper	ND	ND	ND	1.96E+04	2.88E+03	7.16E+04	ND
Iron	ND	ND	ND	ND	ND	ND	ND
Lead	ND	ND	ND	ND	ND	ND	ND
Manganese	ND	ND	ND	2.15E+03	3.68E+02	5.22E+03	ND
Nickel	1.16E+00	1.01E+00	3.24E+00	8.29E+03	1.45E+03	1.91E+04	ND
Vanadium	ND	ND	ND	2.74E+03	5.00E+02	5.91E+03	ND
Zinc	ND	ND	ND	1.57E+05	2.33E+04	5.51E+05	ND

SOIL CLEAN-UP LEVEL CALCULATIONS & ASSUMPTIONS

Using Inhalation Slope Factor, Cs =

$$\frac{\text{Risk} * \text{BW} * \text{AT}}{\text{EF} * \text{ED} * \text{FI} * [(\text{SFo} * \text{IR} * 1\text{E-06 kg/mg}) + (\text{SFd} * \text{SA} * \text{AF} * \text{ABS} * 1\text{E-06 kg/mg}) + (\text{SFi} * \text{InhR} * (1/\text{VF} + 1/\text{PEF}))]}$$

Using Inhalation Unit Risk, Cs =

$$\frac{\text{Risk} * \text{BW} * \text{AT}}{\text{EF} * \text{ED} * \text{FI} * [(\text{SFo} * \text{IR} * 1\text{E-06 kg/mg}) + (\text{SFd} * \text{SA} * \text{AF} * \text{ABS} * 1\text{E-06 kg/mg}) + (\text{IUR} * \text{BW} * 1000\ \mu\text{g/mg} * (1/\text{VF} + 1/\text{PEF}))]}$$

Using Inhalation Reference Dose, Cs =

$$\frac{\text{Hazard} * \text{BW} * \text{AT}}{\text{EF} * \text{ED} * \text{FI} * [((1/\text{RfDo}) * \text{IR} * 1\text{E-06 kg/mg}) + ((1/\text{RfDd}) * \text{SA} * \text{AF} * \text{ABS} * 1\text{E-06 kg/mg}) + ((1/\text{RfDi}) * \text{InhR} * (1/\text{VF} + 1/\text{PEF}))]}$$

Using Inhalation Reference Concentration, Cs =

$$\frac{\text{Hazard} * \text{BW} * \text{AT}}{\text{EF} * \text{ED} * \text{FI} * [((1/\text{RfDo}) * \text{IR} * 1\text{E-06 kg/mg}) + ((1/\text{RfDd}) * \text{SA} * \text{AF} * \text{ABS} * 1\text{E-06 kg/mg}) + ((1/\text{RfCi}) * \text{BW} * (1/\text{VF} + 1/\text{PEF}))]}$$

ASSUMPTIONS

Dermal Contact with Chemicals in Soil (Average)

Assumption	Value	Code	Reference
Chemical Concentration (ppm)	chemical specific	CS	
Surface Area - worker (cm2/day)	2300	SAw	FDEP Default
Surface Area - aggregate resident (cm2/day)	4280	SAa	FDEP Default
Surface Area - child resident (cm2/day)	1800	SAc	FDEP Default
Conversion Factor (kg/mg)	1.00E-06	CFkg/mg	
Conversion Factor (µg/mg)	1.00E+03	CFµg/mg	
Soil to Skin Adherence Factor-resident (mg/cm2)	0.2	AFr	FDEP Default
Soil to Skin Adherence Factor-worker (mg/cm2)	0.6	AFw	FDEP Default
Absorption Factor - organic (unitless)	0.01	ABSo	FDEP Default
Absorption Factor - inorganic (unitless)	0.001	ABSin	FDEP Default
Soil Ingestion Rate - worker (mg/day)	50	IRw	FDEP Default
Soil Ingestion Rate - aggregate resident (mg/day)	120	IRa	FDEP Default
Soil Ingestion Rate - child resident (mg/day)	200	IRc	FDEP Default
Fraction Ingested (unitless)	1	FI	FDEP Default
Inhalation Rate - worker (m3/day)	20	InhRw	FDEP Default
Inhalation Rate - aggregate resident (m3/day)	20	InhRa	FDEP Default
Inhalation Rate - child resident (m3/day)	10	InhRc	
Exposure Frequency - worker (day/yr)	250	EFw	FDEP Default
Exposure Frequency - residents	350	EFr	FDEP Default
Exposure Duration - worker (yr)	25	EDw	FDEP Default
Exposure Duration - aggregate resident (yr)	30	EDa	FDEP Default
Exposure Duration - child resident (yr)	6	EDc	FDEP Default
Body Weight - worker (kg)	70	BWw	FDEP Default
Body Weight - aggregate resident (kg)	62	BWa	FDEP Default
Body Weight - child resident (kg)	15	BWc	FDEP Default
Averaging Time - worker, NC (days)	9125	ATwnc	FDEP Default
Averaging Time - aggregate resident (NC) (days)	10950	ATanc	FDEP Default
Averaging Time - child resident (NC) (days)	2190	ATcnc	FDEP Default
Averaging Time - Cancer (days)	25550	ATc	FDEP Default

SOIL CLEAN-UP LEVEL CALCULATIONS & ASSUMPTIONS

VOLATILIZATION MODEL*

Soil-to-air Volatilization Factor (VF)

Assumption	Exposure	Abbr
Inverse Mean Conc. at Center (g/m2-s per kg/m3)	101.8	Q-C95%UCL
Conversion Factor (m2/cm2)	0.0001	CFm2/cm2
Diffusivity in air (cm2/sec)	chemical specific	Di
Soil moisture content (cm3 water/gm soil)	10%	theta
Soil bulk density (gm/cm3)	1.5	beta
True soil density or particle density (gm/cm3)	2.65	rho
Total soil porosity (unitless)	0.434	Pt
Air filled soil porosity (unitless)	0.284	Pa
Effective diffusivity (cm2/sec)	chemical specific	Dei
Organic carbon partition coefficient (cm3/g)	chemical specific	Koc
Organic carbon content of soil (fraction)	2%	OC
Soil-water partition coefficient (cm3/g)	chemical specific	Kd
Soil-air partition coeff. (g soil/cm3 air)	chemical specific	Kas
Exposure interval (seconds)	7.90E+08	T
alpha (cm2/sec)	chemical specific	alpha
Soil-to-air Volatilization Factor (m3/kg)	chemical specific	VF

Dei (cm2/sec) = Di * [Pa^(10/3)/Pt^2]

Pa (unitless) = Pt - (theta * beta)

Pt (unitless) = 1 - (beta/rho)

Kas (g soil/cm3 air) = Hprime/Kd

Kd (cm3/kg) = Koc*OC

alpha (cm2/sec) = (Dei*Pa)/[Pa+(rho*((1-Pa)/Kas))]

$$VF\ (m3/kg) = \frac{Q\text{-}C95\%UCL*CFm2/cm2*[(3.14*alpha*T)^{0.5}]}{(2*Dei*Pa*Kas)}$$

Soil Saturation Concentration (Csat)

UL of soil free moisture (mg/L water)	chemical specific	Cw
Soil Moisture content (kg water/kg soil)	10%	Thetam
Water Solubility (mg/L water)	chemical specific	Schem
Water filled soil porosity (unitless)	0.15	Pw
Henry's Law Constant (atm-m3/mol)	chemical specific	Hchem
Henry's Constant Unitless (unitless)	chemical specific	Hprime
Soil Saturation Concentration (mg/kg)	chemical specific	Csat

Cw (mg/L water) = Schem*Thetam

Pw (unitless) = Pt - Pa

Hprime (unitless) = Hchem*41

$$Csat\ (mg/kg) = \frac{[(Kd*Cw*beta)+(Cw*Pw)+(Cw*Hprime*Pa)]}{beta}$$

Particulate Emission Factor (PEF)

Respirable fraction (g/m2-hr)	0.036	Rf2
Frac. vegetative cover (unitless)	0	Gchem
Mean annual wind speed (m/sec)	4.5	Um
Equiv. threshold value of wind speed at10m (m/sec)	12.8	Ut
Func. dep. on Um/Ut (unitless)	0.0497	F(x)
Particulate Emission Factor (m3/kg)	chemical specific	PEF

$$PEF\ (m3/kg) = \frac{Q\text{-}C95\%UCL*3600\ sec/hr}{[Rf*(1-Gchem)*(Um/Ut)^3*F(x)]}$$

Soil Screening Level Partitioning Equation for Migration to Groundwater

Cw - acceptable concentration in water (mg/l)	chemical specific	ACW
Koc - organic carbon partitioning coefficient (L/kg)	chemical specific	Koc
Foc - fraction of organic carbon in soil (unitless)	2.00E-03	Foc
theta - soil porosity (Lporosity/Lsoil)	5.00E-01	theta2
S - fraction water content (Lwater/Lporo)	3.00E-01	S
SD - soil bulk density (kg/Lsoil)	1.60E+00	SD

Screening Level in Soil (mg/kg) = ACW * [(Koc * Foc) + (theta2 * (S/SD))]

NUMERIC REMOVAL ACTION LEVELS FOR CONTAMINATED DRINKING WATER SITES

Tables

Emergency Response Division
Office of Solid Waste and Emergency Response
U.S. Environmental Protection Agency
Washington, DC 20460

November 1992

Table Acronyms

CAS #	Chemical Abstract Number
DWEL	Drinking Water Equivalent Level (calculated by multiplying the oral RfD by 70 kilograms (adult body weight) and dividing by the average volume of water (2 liters) consumed per day)
Longer-term HA (Child)	Drinking Water Health Advisory for 10 kg child consuming 1 liter water per day for up to 7 years
MCL	Maximum Contaminant Level (National Primary Drinking Water Standard)
MCLG	Maximum Contaminant Level Goal
MFL	Million Fibers per Liter
Treat. Tech.	MCL is based on the capability of the treatment technology
URTH-STAR	Short-term Risk Level (STAR) recommended for an Unreasonable Risk to Health (URTH) under Safe Drinking Water Act

NUMERIC REMOVAL ACTION LEVELS FOR CONTAMINATED DRINKING WATER SITES
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Chemical		Cancer Risk		Standards and Health Advisories				Superfund
ORGANICS	CAS #	Cancer Group	10^{-4} Cancer Risk (µg/L)	DWEL (µg/L)	Longer-term HA (Child) (µg/L)	MCL / MCLG (µg/L)	URTH -STAR- Level (µg/L)	Removal Action Level (µg/L)
Acenaphthene	83329	—	—	2,100	—	—	—	2,100
Acetone	67641	D	—	3,500[a]	—	—	—	3,500
Acifluorfen (Tackle)	62476599	B2	100	400	100	—	—	100
Acrylamide (2-Propenamide)	79061	B2	1	7	20	Treat. Tech. / 0	1	1
Acrylonitrile	107131	B1	6	—	—	—	—	6
Adipates (Diethylhexyl)	103231	C	—	20,000	—	500 / 500	—	5,000
Alachlor	15972608	B2	40	400	—	2 / 0	40	40
Aldicarb (Temik)	116063	D	—	7	—	3 / 1	—	7
Aldicarb sulfone	1646884	D	—	7	—	2 / 1	—	7
Aldicarb sulfoxide	—	D	—	7	—	4 / 1	—	7
Aldrin	309002	B2	0.2	1	0.3	—	—	0.2
Ametyrn	834128	D	—	300	900	—	—	300
Ammonium sulfamate	7773060	D	—	8,000	20,000	—	—	8,000
Anthracene	120127	D	—	11,000	—	—	—	11,000
Atrazine	1912249	C	—	200	60	3 / 3	30	30
Baygon	114261	C	—	100	40	—	—	40
Bentazon	25057890	D	—	90	300	—	—	90
Benz(a)anthracene	56553	B2	—	—	—	0.1 / 0	—	0.1
Benzene	71432	A	100	—	—	5 / 0	100	100
Benzo(a)pyrene	50328	B2	—	—	—	0.2 / 0	—	0.2
Benzo(b)fluoranthene	205992	B2	—	—	—	0.2 / 0	—	0.2
Benzo(k)fluoranthene	207089	B2	—	—	—	0.2 / 0	—	0.2
bis-2-Chloroisopropyl ether	108601	D	—	1,000	4,000	—	—	1,000
Bromacil	314409	C	—	5,000	3,000	—	—	3,000
Bromochloromethane	74975	D[a]	—	500	1,000	—	—	500
Bromodichloromethane	75274	B2	60	700	4,000	100 / —	—	60
Bromoform	75252	B2	400	700	2,000	100 / —	—	400

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ORGANICS	CAS #	Cancer Group	10^{-4} Cancer Risk (µg/L)	DWEL (µg/L)	Longer-term HA (Child) (µg/L)	MCL / MCLG (µg/L)	URTH -STAR- Level (µg/L)	Removal Action Level (µg/L)
Bromomethane (Methyl bromide)	74839	D	—	50	100	—	—	50
Butanone (2-) (see Methyl ethyl ketone)								
Butyl benzyl phthalate	85687	C	—	6,000	—	100 / 0	—	6,000
Butylate	2008415	D	—	2,000	1,000	—	—	1,000
Carbaryl	63252	D	—	4,000	1,000	—	—	1,000
Carbofuran	1563662	E	—	200	50	40 / 40	50	50
Carbon tetrachloride	56235	B2	30	30	70	5 / 0	30	30
Carboxin	5234684	D	—	4,000	1,000	—	—	1,000
Chloral hydrate (Trichloroacetaldehyde monohydrate)	302170	C	—	70	200	—	—	70
Chloramben	133904	D	—	500	200	—	—	200
Chlordane	57749	B2	3	2	—	2 / 0	2	2
Chlorobenzene (see Monochlorobenzene)								
Chlorodibromomethane (Dibromochloromethane)	124481	C	—	700	2,000	100 / —	—	700
Chloroform (Trichloromethane)	67663	B2	600	400	100	100 / —	—	100
Chloromethane (Methyl chloride)	74873	C	—	100	400	—	—	100
Chlorophenol (2-)	95578	D	—	200	50	—	—	50
Chlorothalonil	1897456	B2	150	500	200	—	—	150
Chlorotoluene, o-	95498	D	—	700	2,000	—	—	700
Chlorotoluene, p-	106434	D	—	700	2,000	—	—	700
Chlorpyrifos	2921882	D	—	100	30	—	—	30
Chrysene	218019	B2	—	—	—	0.2 / 0	—	0.2
Cumene (see Isopropylbenzene)								
Cyanazine	21725462	C	—	70	20	—	—	20
2,4-D (2,4-Dichlorophenoxyacetic acid)	94757	D	—	400	100	70 / 70	100	100
Dacthal (DCPA)	1861321	D		20,000	5,000	—	—	5,000
Dalapon	75990	D	—	900	300	200 / 200	—	300

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ORGANICS	CAS #	Cancer Group	10^{-4} Cancer Risk (µg/L)	DWEL (µg/L)	Longer-term HA (Child) (µg/L)	MCL / MCLG (µg/L)	URTH -STAR- Level (µg/L)	Removal Action Level (µg/L)
Di[2-ethylhexyl]adipate	103231	C	3,000	20,000	20,000	400 / 400	—	4,000
Diazinon	333415	E	—	3	5	—	—	3
Dibenzo[a,h]anthracene	53703	B2	—	—	—	0.3 / 0	—	0.3
Dibromoacetonitrile	3252435	C	—	800	2,000	—	—	800
Dibromochloromethane (see Chlorodibromomethane)								
Dibromochloropropane (DBCP)	96128	B2	3	—	—	0.2 / 0	3	3
Dibromomethane (Methylene Bromide)	74953	D	—	—	—	—	—	—
Dibutyl phthalate (Di-n-butyl phthalate)	84742	D	—	4,000	—	—	—	4,000
Dicamba	1918009	D	—	1,000	300	—	—	300
Dichloroacetic acid	79436	B2	—	300	5,000	—	—	300
Dichloroacetonitrile	3018120	C	—	300	800	—	—	300
Dichlorobenzene -o (1,2-)	95501	D	—	3,000	9,000	600 / 600	3,000	3,000
Dichlorobenzene -m (1,3-)	541731	D	—	3,000	9,000	600 / 600	—	3,000
Dichlorobenzene -p (1,4-)	106467	C	—	4,000	10,000	75 / 75	750	750
Dichlorodifluoromethane (Freon-12)	75718	D	—	5,000	9,000	—	—	5,000
Dichloroethane (1,1-)	75343	C*	—	3,500*	—	—	—	3,500
Dichloroethane (1,2-) (Ethylene dichloride)	107062	B2	40	—	700	5 / 0	40	40
Dichloroethylene (1,1-)	75354	C	—	400	1,000	7 / 7	70	70
Dichloroethylene (cis- 1,2-)	156592	D	—	400	3,000	70 / 70	400	400
Dichloroethylene (trans- 1,2-)	156605	D	—	600	2,000	100 / 100	600	600
Dichloromethane (Methylene chloride)	75092	B2	500	2,000	—	5 / 0	—	500
Dichlorophenol (2,4-)	120832	D	—	100	30	—	—	30
Dichloropropane (1,2-)	78875	B2	60	—	—	5 / 0	60	60
Dichloropropene (1,3-) (cis and trans)	542756	B2	20	10	30	—	—	10
Dieldrin	60571	B2	0.2	2	0.5	—	—	0.2
Diethyl phthalate	84662	D	—	30,000	—	—	—	30,000
Diethylhexyl (see Adipates)								

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ORGANICS	CAS #	Cancer Group	10^{-4} Cancer Risk (µg/L)	DWEL (µg/L)	Longer-term HA (Child) (µg/L)	MCL / MCLG (µg/L)	URTH -STAR- Level (µg/L)	Removal Action Level (µg/L)
Diethylhexyl phthalate	117817	B2	300	700	—	4 / 0	—	300
Dimethrin	70382	D	—	10,000	10,000	—	—	10,000
Dimethyl methylphosphonate	756796	C	700	7,000	2,000	—	—	2,000
Dimethyl phthalate	131113	D	—	350,000*	—	—	—	350,000
DIMP (Diisopropylmethylphosphonate)	1445756	D	—	3,000	8,000	—	—	3,000
Dinitrobenzene (1,3-)	99650	D	—	5	40	—	—	5
Dinitrotoluene (2,4-)	121142	B2	5	100	300	—	—	5
Dinitrotoluene (2,6-)	25321146	B2	5	40	400	—	—	5
Dinoseb	88857	D	—	40	10	7 / 7	—	10
Dioxane p- (1,4-)	123911	B2	700	—	—	—	—	700
Dioxin (see 2,3,7,8-TCDD)								
Diphenamid	957517	D	—	1,000	300	—	—	300
Diphenylamine	122394	D	—	1,000	300	—	—	300
Diquat	85007	D	—	80	—	20 / 20	—	80
Disulfoton	298044	E	—	1	3	—	—	1
Dithiane (1,4-)	505293	D	—	400	400	—	—	400
Diuron	330541	D	—	70	300	—	—	70
Endothall	145733	D	—	700	200	100 / 100	—	200
Endrin	72208	D	—	10	3	2 / 2	—	3
Epichlorohydrin	106898	B2	400	70	70	Treat. Tech. / 0	70	70
Ethylbenzene	100414	D	—	3,000	1,000	700 / 700	1,000	1,000
Ethylene dibromide (1,2-) (EDB)	106934	B2	0.04	—	—	0.05 / 0	0.05	0.05
Ethylene dichloride (see 1,2-Dichloroethane)								
Ethylene glycol	107211	D	—	40,000	6,000	—	—	6,000
Ethyl ether	60297	—	—	7,000*	—	—	—	7,000
Ethylene thiourea (ETU)	96457	B2	30	3	100	—	—	3
Fenamiphos	22224926	D	—	9	5	—	—	5

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ORGANICS	CAS #	Cancer Group	10^{-4} Cancer Risk (µg/L)	DWEL (µg/L)	Longer-term HA (Child) (µg/L)	MCL / MCLG (µg/L)	URTH -STAL- Level (µg/L)	Removal Action Level (µg/L)
Fluometuron	2164172	D	—	400	2,000	—	—	400
Fluorene	86737	D	—	1,400	—	—	—	1,400
Fluorotrichloromethane (Freon-11)	75694	D	—	10,000	3,000	—	—	3,000
Fonofos	944229	D	—	70	20	—	—	20
Formaldehyde	50000	B1	—	5,000	5,000	—	—	5,000
Freon-11 (see Fluorotrichloromethane)								
Freon-12 (see Dichlorodifluoromethane)								
Freon 113 (1,1,2-Trichloro-1,2,2-trifluoroethane)	76131	—	—	1,100,000*	—	—	—	1,100,000
Glyphosate	1071836	D	—	4,000	1,000	700 / 700	—	1,000
Heptachlor	76448	B2	0.8	20	5	0.4 / 0	0.8	0.8
Heptachlor epoxide	1024573	B2	0.4	0.4	—	0.2 / 0	0.4	0.4
Hexachlorobenzene	118741	B2	2	30	50	1 / 0	—	2
Hexachlorobutadiene	87683	C	—	70	100	—	—	70
Hexachlorocyclohexane, gamma (see Lindane)								
Hexachlorocyclopentadiene	77474	D	—	200	—	50 / 50	—	200
Hexachloroethane	67721	C	—	40	100	—	—	40
Hexane (n-)	110543	D	—	—	4,000	—	—	4,000
Hexazinone	51235042	D	—	1,000	3,000	—	—	1,000
HMX (Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine)	2691410	D	—	2,000	5,000	—	—	2,000
Indeno[1,2,3-c,d]pyrene	193395	B2	—	—	—	0.4 / 0	—	0.4
Isophorone	78591	C	0.03	7,000	15,000	—	—	7,000
Isopropyl methylphosphonate	6838933	D	—	4,000	30,000	—	—	4,000
Isopropylbenzene (Cumene)	88828	—	—	14,000*	—	—	—	14,000
Kerb (see Pronamide)								
Lindane (Hexachlorocyclohexane, gamma)	58899	C	3	10	30	0.2 / 0.2	2	2
Malathion	121755	D	—	800	200	—	—	200

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ORGANICS	CAS #	Cancer Group	10^{-4} Cancer Risk (µg/L)	DWEL (µg/L)	Longer-term HA (Child) (µg/L)	MCL / MCLG (µg/L)	URTH -STAR- Level (µg/L)	Removal Action Level (µg/L)
Maleic hydrazide	123331	D	—	20,000	5,000	—	—	5,000
MCPA (4-Chloro-2-methylphenoxy)-acetic acid)	94746	E	—	50	100	—	—	50
Methomyl	16752775	D	—	900	300	—	—	300
Methoxychlor	72435	D	—	200	50	40 / 40	50	50
Methyl bromide (see Bromomethane)								
Methyl chloride (see Chloromethane)								
Methyl ethyl ketone (2-Butanone)	78933	—	—	—	—	—	—	—
Methyl parathion	298000	D	—	9	30	—	—	9
Methyl tert butyl ether	1634044	D	—	200	500	—	—	200
Methylene bromide (see Dibromomethane)								
Methylene chloride (see Dichloromethane)								
Metolachlor	51218452	C	—	5,000	2,000	—	—	2,000
Metribuzin	21087649	D	—	900	300	—	—	300
Monochloroacetic acid (Chloroacetic acid)	79118	—	—	70*	—	—	—	70
Monochlorobenzene (Chlorobenzene)	108907	D	—	700	2,000	100 / 100	700	700
Naphthalene	91203	D	—	100	400	—	—	100
Nitroguanidine	556887	D	—	4,000	10,000	—	—	4,000
Nitrophenols p-	25154556	D	—	300	800	—	—	300
Octachlorocamphene (see Toxaphene)								
Oxamyl	23135220	E	—	900	200	200 / 200	—	200
Paraquat	1910425	E	—	200	50	—	—	50
Pentachloronitrobenzene (PCNB)	82688	C*	—	100*	—	—	—	100
Pentachlorophenol	87865	B2	30	30	300	1 / 0	30	30
Perchloroethylene (see Tetrachloroethylene)								
Phenol	108952	D	—	20,000	6,000	—	—	6,000
Picloram	1918021	D	—	2,000	700	500 / 500	—	700

NUMERIC REMOVAL ACTION LEVELS FOR CONTAMINATED DRINKING WATER SITES
PRIMARY DRINKING WATER STANDARDS AND HEALTH ADVISORIES
November 1992

Chemical		Cancer Risk		Standards and Health Advisories				Superfund
ORGANICS	CAS #	Cancer Group	10^{-4} Cancer Risk (µg/L)	DWEL (µg/L)	Longer-term HA (Child) (µg/L)	MCL / MCLG (µg/L)	URTH -STAR- Level (µg/L)	Removal Action Level (µg/L)
Polychlorinated biphenyls (PCBs)	1336363	B2	0.5	—	1	0.5 / 0	0.5	0.5
Prometon	1610180	D	—	500	200	—	—	200
Pronamide (Kerb)	23950585	C	—	3,000	800	—	—	800
Propachlor	1918167	D	—	500	100	—	—	100
Propazine	139402	C	—	700	500	—	—	500
Propham	122429	D	—	600	5,000	—	—	600
Pyrene	129000	D	—	1,100	—	—	—	1,100
RDX (Hexahydro-1,3,5-trinitro-1,3,5-triazine)	121824	C	30	100	100	—	—	100
Simazine	122349	C	—	200	70	4 / 4	—	40
Styrene	100425	C	100	7,000	2,000	100 / 100	1,000	1,000
T (2,4,5-)	93765	D	—	350	800	—	—	350
Tackle (see Acifluorfen)								
TCDD (2,3,7,8-) (v) (Dioxin)	1746016	B2	0.00002	0.00004	0.00001	0.00005 / 0	—	0.00005
Tebuthiuron	34014181	D	—	2,000	700	—	—	700
Temik (see Aldicarb)								
Terbacil	5902512	E	—	400	300	—	—	300
Terbufos	13071799	D	—	5	1	—	—	1
Tetrachloroethane (1,1,1,2-)	630206	C	100	1,000	900	—	—	900
Tetrachloroethane (1,1,2,2-)	79345	C[a]	20[a]	—	—	—	—	2
Tetrachloroethylene (Perchloroethylene)	127184	B2[a]	70	500	1,000	5 / 0	70	70
Toluene	108883	D	—	7,000	3,000	1,000 / 1,000	3,000	3,000
Toxaphene (Octachlorocamphene)	8001352	B2	3	3	—	3 / 0	3	3
TP (2,4,5-) (2(2,4,5-Trichlorophenoxy-propionic acid)	93721	D	—	300	70	50 / 50	70	70
Trichloroacetaldehyde (Chloral) see Chloral hydrate (hydrated form of trichloroacetaldehyde)								
Trichloroacetic acid	76039	C	—	1,300	4,000	—	—	1,300
Trichlorobenzene (1,2,4-)	120821	D	—	400	100	70 / 70	—	100
Trichlorobenzene (1,3,5-)	108703	D	—	200	600	—	—	200

NUMERIC REMOVAL ACTION LEVELS FOR CONTAMINATED DRINKING WATER SITES
PRIMARY DRINKING WATER STANDARDS AND HEALTH ADVISORIES
November 1992

Chemical		Cancer Risk		Standards and Health Advisories				Superfund
ORGANICS	CAS #	Cancer Group	10^{-4} Cancer Risk (µg/L)	DWEL (µg/L)	Longer-term HA (Child) (µg/L)	MCL / MCLG (µg/L)	URTH -STAR- Level (µg/L)	Removal Action Level (µg/L)
Trichloroethane (1,1,1-)	71556	D	—	1,000	40,000	200 / 200	1,000	1,000
Trichloroethane (1,1,2-)	79005	C	—	100	400	5 / 3	—	30
Trichloroethylene (Trichloroethene)	79016	B2	300	300	—	5 / 0	300	300
Trichloromethane (see Chloroform)								
Trichlorophenol (2,4,6-)	88062	B2	300	—	—	—	—	300
Trichlorophenoxypropionic acid (2(2,4,5-)) (see 2,4,5-TP)								
Trichloropropane (1,2,3-)	96184	B2	—	200	600	—	—	200
1,1,2-Trichloro-1,2,2-trifluoroethane (see Freon 113)								
Trifluralin	1582098	C	—	300	80	—	—	80
Trinitroglycerol	55630	C	—	—	5	—	—	5
Trinitrotoluene (2,4,6-)	118967	C	100	20	20	—	—	20
Vinyl chloride	75014	A	1.5	—	10	2 / 0	2	2
Vydate (see Oxamyl)								
Xylenes (mixed)	1330207	D	—	60,000	40,000	10,000 / 10,000	40,000	40,000

* Based on data from IRIS or HEAST in the absence of a published U.S. EPA, Office of Water value

NUMERIC REMOVAL ACTION LEVELS FOR CONTAMINATED DRINKING WATER SITES
PRIMARY DRINKING WATER STANDARDS AND HEALTH ADVISORIES
November 1992

Chemical		Cancer Risk		Standards and Health Advisories				Superfund
INORGANICS	CAS #	Cancer Group	10^{-4} Cancer Risk (µg/L)	DWEL (µg/L)	Longer-term HA (Child) (µg/L)	MCL / MCLG (µg/L)	URTH -STAR- Level (µg/L)	Removal Action Level (µg/L)
Ammonia	7664417	D	—	—	—	—	—	34,000[a] (taste)
Antimony	7440360	D	—	15	15	6 / 3	—	15
Arsenic	7440382	A	2	—	—	50 / —	—	50
Asbestos >10 µm	1332214	A	700 MFL	—	—	7 MFL / 7 MFL	70 MFL	70 MFL[b]
Barium	7440393	D	—	5,000	5,000	2,000 / 2,000	5,000	5,000
Beryllium	7440417	B2	0.8	200	4,000	1 / 0	—	1
Boron	7440428	D	—	3,000	900	—	—	900
Cadmium	7440439	D	—	20	5	5 / 5	5	5
Chloramines	10599903	D[a]	—	3,300	1,000	—	—	1,000
Chromium III (see Chromium total)	16065831							
Chromium VI (see Chromium total)	18540299							
Chromium (total)	—	D	—	200	200	100 / 100	200	200
Copper	7440508	D	—	—	—	Treat. T. / 1,300	1,300	1,300
Cyanide	57125	D	—	800	200	200 / 200	—	200
Fluoride	16984488	—	—	—	—	4,000 / 4,000	5,000[c]	5,000
Lead at tap	7439921	B2	—	—	—	Treat. Tech. / 0	30[c]	30
Manganese	7439965	D[a]	—	200	—	— / 200	—	200
Mercury	7439976	D	—	10	—	2 / 2	10	10
Molybdenum	7439987	D	—	200	10	—	—	10
Nickel	7440020	D	—	600	500	100 / 100	—	500
Nitrate	14797558	—	—	56,000	10,000	10,000 / 10,000	10,000	10,000
Nitrite	14797650	—	—	5,600	1,000	1,000 / 1,000	1,000	1,000
Nitrate+Nitrite	—	—	—	—	—	10,000 / 10,000	10,000	10,000
Selenium	7782492	—	—	200	—	50 / 50	200	200
Silver	7440224	D	—	200	200	—	—	100[d]
Strontium	7440246	D	—	90,000	25,000	—	—	25,000

NUMERIC REMOVAL ACTION LEVELS FOR CONTAMINATED DRINKING WATER SITES
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November 1992

Chemical		Cancer Risk		Standards and Health Advisories				Superfund
INORGANICS	CAS #	Cancer Group	10^{-4} Cancer Risk (µg/L)	DWEL (µg/L)	Longer-term HA (Child) (µg/L)	MCL / MCLG (µg/L)	URTH -STAR- Level (µg/L)	Removal Action Level (µg/L)
Sulfate	7757826	—	—	—	—	400,000 or 500,000 (depending on treat. tech.) / same	—	500,000
Thallium	7440280	—	—	2	7	2 / 0.5	—	2
Vanadium	7440622	D	—	110	30	—	—	30
White phosphorus	772314	D	—	0.5	—	—	—	0.5
Zinc	7440666	D	—	11,000	3,000	—	—	3,000
Zinc chloride (measured as zinc)	—	D	—	11,000	3,000	—	—	3,000

[a] Based on data from IRIS or HEAST in the absence of a published U.S. EPA, Office of Water value

[b] MFL = million fibers per liter

[c] Based on special considerations

[d] Secondary Maximum Contaminant Level intended to protect general public from argyuria (a cosmetic effect) over a lifetime

Comprehensive Long-Term Environmental Action Navy

Category V: CTO 070

Sites 3, 9, 10, 14, 29, & 34

Summary Analytical Results of Background Groundwater Samples						
	Sample Indentification Number					
Parameter	01GS67 07/14/93	01GS67R 10/15/93	01GS69 07/14/93	01GS69R 10/15/93	Average Background Concentration	2 X Average Background
Ingorganics (ug/l)						
Aluminum	202000.00	*273000.00*	51.60	*248000.00*	241000.00	482000.00
Antimony	**17.50**	***34.70***	**17.50**	***34.70***	28.97	57.93
Arsenic	4.70	-	**2.00**	-	4.70	9.40
Barium	237.00	304.00	**1.00**	442.00	327.67	655.33
Beryllium	4.10	6.50	**0.50**	5.80	5.47	10.93
Cadmium	**1.50**	***4.80***	**1.50**	***4.80***	3.70	7.40
Calcium	11300.00	15100.00	**57.50**	9630.00	12010.00	24020.00
Chromium	*255.00*	333.00	**4.00**	271.00	286.33	572.67
Cobalt	15.40	16.00	**4.50**	42.30	24.57	49.13
Copper	103.00	150.00	**2.00**	121.00	124.67	249.33
Cyanide	**5.00**	-	11.70	-	5.00	10.00
Iron	*41100.00*	52100.00	*43.60*	189000.00	94066.67	188133.33
Lead	78.90	112.00	**1.00**	45.50	78.80	157.60
Magnesium	7580.00	9900.00	**24.00**	12400.00	9960.00	19920.00
Manganese	303.00	434.00	1.50	1460.00	732.33	1464.67
Mercury	2.20	4.00	1.10	1.20	2.47	4.93
Nickel	*55.40*	55.10	**9.00**	121.00	77.17	154.33
Potassium	8450.00	9050.00	**635.00**	12900.00	10133.33	20266.67
Selenium	**15.00**	-	**1.50**	-	15.00	30.00
Silver	**2.00**	**2.50**	**2.00**	**2.50**	2.33	4.67
Sodium	9800.00	7980.00	**70.00**	8610.00	8796.67	17593.33
Thallium	**1.50**	***4.80***	**1.50**	***4.80***	3.70	7.40
Vanadium	179.00	183.00	**3.00**	305.00	222.33	444.67
Zinc	146.00	*257.00*	50.30	*490.00*	297.67	595.33

NOTE:

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"-" : sample results rejected due to deficiencies in the ability to analyze the sample and meet QC criteria. The presence or absence of the compound cannot be verified.

Sample 01GS69 was not included in the calculation of the average background concentration.

Comprehensive Long-Term Environmental Action Navy

Category V: CTO 070

Sites 3, 9, 10, 14, 29, & 34

Summary Analytical Results of Background Soil Samples				
	Sample Identification Number			
Parameter Inorganics (mg/kg)	Minimum Detected Concentration	Maximum Detected Concentration	Average Background Concentration	2 X Average Background Concentration
Aluminum	95.20	12400.00	1916.68	3833.36
Antimony	4.65	4.80	4.74	9.49
Arsenic	1.70	2.40	0.78	1.56
Barium	1.20	10.10	2.32	4.63
Beryllium	BDL	BDL	0.21	0.41
Cadmium	BDL	BDL	0.50	1.00
Calcium	35.70	6740.00	456.18	912.37
Chromium	2.40	11.80	3.07	6.13
Cobalt	BDL	BDL	0.93	1.87
Copper	5.10	5.10	2.87	5.74
Cyanide	BDL	BDL	0.26	0.52
Iron	205.00	9180.00	1372.50	2745.00
Lead	0.44	28.00	3.66	7.32
Magnesium	365.00	365.00	66.67	133.33
Manganese	1.70	63.70	10.68	21.36
Mercury	BDL	BDL	0.05	0.10
Nickel	BDL	BDL	3.19	6.38
Potassium	BDL	BDL	230.33	460.67
Selenium	BDL	BDL	0.31	0.62
Silver	BDL	BDL	1.03	2.07
Sodium	97.20	97.20	53.93	107.85
Thallium	BDL	BDL	0.41	0.82
Vanadium	1.60	20.60	2.91	5.83
Zinc	3.30	29.00	8.43	16.87

Note:

1. Minimum and Maximum detected concentrations are values positively detected within the sample group.
2. BDL (below detection limits): the compound was not positively identified within the concentration limits.
3. The average was based on all posivtively reported concentrations, half the quantitation concentrations, the approximated detected concentration, and the approximated quantitation concentration for all sampling intervals.

Comprehensive Long-Term Environmental Action Navy
Category V: CTO 070
Sites 3, 9, 10, 14, 29, & 34

Summary Analytical Results of Background Soil Samples											
	Sample Identification Number										
Parameter	01SI6701	01SI6703	01SI6705	01SI6707	01SI6709	01SI6711	01SI6713	01SI6717	01SI6719	01SI6721	01SI6723
Inorganics (mg/kg)											
Aluminum	12400.00	1800.00	9050.00	1320.00	932.00	574.00	502.00	473.00	179.00	156.00	95.20
Antimony	**4.65**	**4.70**	**4.65**	**4.80**	**4.80**	**4.75**	**4.80**	-	-	**4.80**	**4.80**
Arsenic	*2.40*	***0.61***	*1.70*	***0.62***	***0.62***	***0.62***	**0.62**	***0.70***	***0.62***	***0.62***	***0.62***
Barium	5.80	1.60	10.10	1.80	1.80	1.20	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**
Beryllium	**0.20**	**0.21**	**0.20**	**0.21**	**0.21**	**0.21**	**0.21**	**0.21**	**0.21**	**0.21**	**0.21**
Cadmium	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**
Calcium	421.00	227.00	6740.00	113.00	78.70	67.00	50.60	47.70	**16.25**	35.70	36.50
Chromium	11.80	**1.00**	8.00	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	3.70	**1.00**	**1.00**
Cobalt	**0.90**	**0.90**	**0.90**	**0.95**	**0.95**	**0.95**	**0.95**	**0.95**	**0.95**	**0.95**	**0.95**
Copper	5.10	**2.60**	5.10	**2.60**	**2.60**	**2.60**	**2.60**	**2.60**	**2.60**	**2.60**	**2.60**
Cyanide	**0.26**	**0.26**	**0.25**	**0.26**	**0.26**	**0.26**	**0.26**	**0.26**	**0.26**	**0.26**	**0.26**
Iron	9180.00	1450.00	4790.00	1140.00	866.00	525.00	482.00	483.00	449.00	237.00	225.00
Lead	20.10	1.30	28.00	1.20	**0.27**	**0.21**	0.44	1.10	0.60	**0.21**	**0.21**
Magnesium	**48.15**	**48.70**	365.00	**49.60**	**49.60**	**49.40**	**49.45**	**48.95**	**49.60**	**48.95**	**49.35**
Manganese	63.70	3.70	63.60	3.80	4.40	5.70	5.70	5.60	4.10	1.70	1.70
Mercury	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**
Nickel	**3.15**	**3.15**	**3.10**	**3.25**	**3.25**	**3.20**	**3.20**	**3.20**	**3.25**	**3.20**	**3.20**
Potassium	**226.00**	**229.00**	**225.00**	**233.00**	**233.00**	**232.00**	**232.00**	**230.00**	**233.00**	**230.00**	**231.50**
Selenium	**0.31**	**0.31**	**0.30**	**0.31**	**0.31**	**0.31**	**0.31**	**0.31**	**0.31**	**0.31**	**0.31**
Silver	**1.00**	**1.00**	**1.00**	**1.05**	**1.05**	**1.05**	**1.05**	**1.05**	**1.05**	**1.05**	**1.05**
Sodium	**58.00**	**43.75**	**56.00**	**55.50**	**67.50**	**49.00**	**46.95**	**44.40**	**36.90**	**54.00**	**50.50**
Thallium	**0.41**	**0.41**	**0.41**	**0.42**	**0.42**	**0.41**	**0.42**	**0.41**	**0.42**	**0.41**	**0.42**
Vanadium	20.60	2.60	12.50	2.00	1.60	**0.75**	**0.75**	**0.70**	**0.75**	**0.70**	**0.75**
Zinc	10.90	**1.50**	29.00	**1.40**	3.30	7.20	7.30	6.00	29.00	19.90	17.20

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Comprehensive Long-Term Environmental Action Navy

Category V: CTO 070

Sites , 9, 10, 14, 29, & 4

Summary Analytical Results of Background Soil Samples							
	Sample Identification Number						
Parameter	01SI6901	01SI6903	01SI6905	01SI6907	01SI6909	01SI6911	01SI6913
Inorganics (mg/kg)							
Aluminum	1240.00	1430.00	1550.00	991.00	820.00	293.00	695.00
Antimony	**4.65**	**4.70**	**4.80**	**4.75**	**4.70**	**4.75**	**4.80**
Arsenic	***0.61***	***0.61***	***0.62***	***0.62***	***0.61***	***0.62***	***0.62***
Barium	5.90	3.00	2.40	1.70	1.60	**0.50**	1.80
Beryllium	**0.21**	**0.21**	**0.21**	**0.21**	**0.21**	**0.21**	0.21
Cadmium	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**
Calcium	162.00	71.40	50.80	**16.15**	**15.95**	**16.15**	45.40
Chromium	**1.00**	3.50	2.40	3.30	3.50	5.40	4.60
Cobalt	**0.90**	**0.90**	**0.95**	**0.95**	**0.90**	**0.95**	**0.95**
Copper	**2.55**	**2.55**	**2.60**	**2.60**	**2.55**	**2.60**	**2.60**
Cyanide	**0.26**	**0.26**	**0.26**	**0.26**	**0.26**	**0.26**	**0.26**
Iron	911.00	1010.00	963.00	697.00	595.00	205.00	497.00
Lead	6.70	2.90	0.79	0.56	0.49	**0.21**	0.59
Magnesium	**48.30**	**48.55**	**49.50**	**49.35**	**48.60**	**49.35**	**49.60**
Manganese	3.70	3.70	3.70	4.60	3.70	3.40	5.70
Mercury	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**
Nickel	**3.15**	**3.15**	**3.20**	**3.20**	**3.15**	**3.20**	**3.25**
Potassium	**226.50**	**228.00**	**232.50**	**231.50**	**228.50**	**231.50**	**233.00**
Selenium	**0.31**	**0.31**	**0.31**	**0.31**	**0.31**	**0.31**	**0.31**
Silver	**1.00**	**1.00**	**1.05**	**1.05**	**1.00**	**1.05**	**1.05**
Sodium	**50.50**	**49.80**	**54.50**	**51.50**	**59.00**	97.20	**45.65**
Thallium	**0.41**	**0.41**	**0.42**	**0.42**	**0.41**	**0.42**	**0.42**
Vanadium	2.50	1.70	1.60	**0.75**	**0.70**	**0.75**	**0.75**
Zinc	8.20	4.60	**1.80**	**1.00**	**1.20**	**0.80**	**1.50**

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Appendix C

Chemical Analysis
Non Validated EE02 & EE04

EES0201

ENVIROFORMS/INORGANIC CLP

SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

G21501

Lab Name: PACE, INCORPORATED Contract: NAS PENS.

Lab Code: PACE Case No.: ENSAF SAS No.: N/A SDG No.: XCT512

Matrix (soil/water): SOIL Lab Sample ID: X26590

Level (low/med): LOW Date Received: 02/15/94

% Solids: 92.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	543			P
7440-36-0	Antimony	7.8	U		P
7440-38-2	Arsenic	0.86	U		P
7440-39-3	Barium	2.3	B		P
7440-41-7	Beryllium	0.65	U		P
7440-43-9	Cadmium	1.1	U		P
7440-70-2	Calcium	993	B		P
7440-47-3	Chromium	2.0	B		P
7440-48-4	Cobalt	1.3	U		P
7440-50-8	Copper	0.65	U		P
7439-89-6	Iron	614		*	P
7439-92-1	Lead	14.3			P
7439-95-4	Magnesium	62.5	B		P
7439-96-5	Manganese	16.4			P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	3.2	U		P
7440-09-7	Potassium	101	U		P
7782-49-2	Selenium	1.1	U		P
7440-22-4	Silver	1.3	U		P
7440-23-5	Sodium	13.2	B		P
7440-28-0	Thallium	1.7	U		P
7440-62-2	Vanadium	1.3	U		P
7440-66-6	Zinc	6.2			P
	Cyanide	0.53	U		C

Color Before: BROWN Clarity Before: Texture: FINE

Color After: COLORLESS Clarity After: Artifacts:

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G21501

Lab Name: PACE, INC - Contract: 00070000030

Lab Code: PACE Case No.: NA SAS No.: SDG No.: CT512 EES0201

Matrix: (soil/water) SOIL Lab Sample ID: 2659.0

Sample wt/vol: 5.00 (g/ml) G Lab File ID: C04820

Level: (low/med) LOW Date Received: 2/15/94

% Moisture: not dec. 7 Date Analyzed: 2/18/94

GC Column: DB624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 0 (uL) Soil Aliquot Volume: 0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11.	U
74-83-9	Bromomethane	11.	U
75-01-4	Vinyl Chloride	11.	U
75-00-3	Chloroethane	11.	U
75-09-2	Methylene Chloride	11.	U
67-64-1	Acetone	43.	
75-15-0	Carbon Disulfide	11.	U
75-35-4	1,1-Dichloroethene	11.	U
75-34-3	1,1-Dichloroethane	11.	U
540-59-0	1,2-Dichloroethene (total)	11.	U
67-66-3	Chloroform	11.	U
107-06-2	1,2-Dichloroethane	11.	U
78-93-3	2-Butanone	11.	U
71-55-6	1,1,1-Trichloroethane	11.	U
56-23-5	Carbon Tetrachloride	11.	U
75-27-4	Bromodichloromethane	11.	U
78-87-5	1,2-Dichloropropane	11.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U
79-01-6	Trichloroethene	11.	U
124-48-1	Dibromochloromethane	11.	U
79-00-5	1,1,2-Trichloroethane	11.	U
71-43-2	Benzene	11.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U
75-25-2	Bromoform	11.	U
108-10-1	4-Methyl-2-Pentanone	11.	U
591-78-6	2-Hexanone	11.	U
127-18-4	Tetrachloroethene	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U
108-88-3	Toluene	11.	U
108-90-7	Chlorobenzene	11.	U
100-41-4	Ethylbenzene	11.	U
100-42-5	Styrene	11.	U
1330-20-7	Xylene (total)	11.	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
EES0201

G21501

Lab Name: PACE, INC. Contract: ENSAFE

Lab Code: PACE Case No.: SAS No.: SDG No.: CT512

Matrix: (soil/water) SOIL Lab Sample ID: 2659.0

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 56606.D

Level: (low/med) LOW Date Received: 02/15/94

% Moisture: 0 decanted: (Y/N) N Date Extracted: 02/15/94

Concentrated Extract Volume: 1000(UL) Date Analyzed: 03/07/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(-2-Chloroethyl)ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethyphenol	330	U
111-91-1	bis(-2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	800	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	800	U
83-32-9	Acenaphthene	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G21501

Lab Name: PACE, INC. Contract: ENSAFE

Lab Code: PACE Case No.: SAS No.: SDG No.: CT512 EES0201

Matrix: (soil/water) SOIL Lab Sample ID: 2659.0

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 56606.D

Level: (low/med) LOW Date Received: 02/15/94

% Moisture: 0 decanted: (Y/N) N Date Extracted: 02/15/94

Concentrated Extract Volume: 1000(UL) Date Analyzed: 03/07/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	800	U
534-52-1	4,6-Dinitro-2-methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	38	J
129-00-0	Pyrene	41	J
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	52	J
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenz(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G21501

Lab Name: PACE, INC Contract: 00070000030

Lab Code: PACE Case No. NA SAS No.: SDG No.: CT512 EES0201

Matrix: (soil/water) SOIL Lab Sample ID: 2659.0

Sample wt/vol: 30.1 (g/ml) G Lab File ID:

% Moisture: 7 decanted: (Y/N) N Date Received: 2/15/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 2/16/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 3/03/94

Injection Volume: 0.5 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC(Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	0.54	JP
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.5	U
72-55-9	4,4'-DDE	3.5	U
72-20-8	Endrin	3.5	U
33213-65-9	Endosulfan II	3.5	U
72-54-8	4,4'-DDD	3.5	U
1031-07-8	Endosulfan sulfate	3.5	U
50-29-3	4,4'-DDT	1.2	J
72-43-5	Methoxychlor	18.	U
53494-70-5	Endrin ketone	3.5	U
7421-36-3	Endrin aldehyde	3.5	U
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	1.8	U
8001-35-2	Toxaphene	180.	U
12674-11-2	Aroclor-1016	35.	U
11104-28-2	Aroclor-1221	71.	U
11141-16-5	Aroclor-1232	35.	U
53469-21-9	Aroclor-1242	35.	U
12672-29-6	Aroclor-1248	35.	U
11097-69-1	Aroclor-1254	35.	U
11096-82-5	Aroclor-1260	35.	U

ENVIROFORMS/INORGANIC CLP

1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
EES0203

G21502

Lab Name: PACE, INCORPORATED Contract: NAS PENS.

Lab Code: PACE Case No.: ENSAF SAS No.: N/A SDG No.: XCT512

Matrix (soil/water): SOIL Lab Sample ID: X26603

Level (low/med): LOW Date Received: 02/15/94

% Solids: 84.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	47.5	B		P
7440-36-0	Antimony	8.6	U		P
7440-38-2	Arsenic	0.95	U		P
7440-39-3	Barium	0.67	B		P
7440-41-7	Beryllium	0.71	U		P
7440-43-9	Cadmium	1.2	U		P
7440-70-2	Calcium	133	B		P
7440-47-3	Chromium	2.4			P
7440-48-4	Cobalt	1.4	U		P
7440-50-8	Copper	0.71	U		P
7439-89-6	Iron	40.3		*	P
7439-92-1	Lead	0.55	B		P
7439-95-4	Magnesium	11.3	B		P
7439-96-5	Manganese	0.95	U		P
7439-97-6	Mercury	0.12	U		CV
7440-02-0	Nickel	3.6	U		P
7440-09-7	Potassium	112	U		P
7782-49-2	Selenium	1.2	U		P
7440-22-4	Silver	1.4	U		P
7440-23-5	Sodium	17.8	B		P
7440-28-0	Thallium	1.9	U		P
7440-62-2	Vanadium	1.4	U		P
7440-66-6	Zinc	2.6	B		P
	Cyanide	1.5	U		C

Color Before: GREY Clarity Before: Texture: FINE

Color After: COLORLESS Clarity After: Artifacts:

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G21502

Lab Name: PACE, INC Contract: 00070000030

Lab Code: PACE Case No.: NA SAS No.: SDG No.: CT512 EES0203

Matrix: (soil/water) SOIL Lab Sample ID: 2660.3

Sample wt/vol: 5.00 (g/ml) G Lab File ID: C04821

Level: (low/med) LOW Date Received: 2/15/94

% Moisture: not dec. 16 Date Analyzed: 2/18/94

GC Column: DB624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 0 (uL) Soil Aliquot Volume: 0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12.	U
74-83-9	Bromomethane	12.	U
75-01-4	Vinyl Chloride	12.	U
75-00-3	Chloroethane	12.	U
75-09-2	Methylene Chloride	12.	U
67-64-1	Acetone	14.	
75-15-0	Carbon Disulfide	3.	J
75-35-4	1,1-Dichloroethene	12.	U
75-34-3	1,1-Dichloroethane	12.	U
540-59-0	1,2-Dichloroethene (total)	12.	U
67-66-3	Chloroform	12.	U
107-06-2	1,2-Dichloroethane	12.	U
78-93-3	2-Butanone	12.	U
71-55-6	1,1,1-Trichloroethane	12.	U
56-23-5	Carbon Tetrachloride	12.	U
75-27-4	Bromodichloromethane	12.	U
78-87-5	1,2-Dichloropropane	12.	U
10061-01-5	cis-1,3-Dichloropropene	12.	U
79-01-6	Trichloroethene	12.	U
124-48-1	Dibromochloromethane	12.	U
79-00-5	1,1,2-Trichloroethane	12.	U
71-43-2	Benzene	12.	U
10061-02-6	trans-1,3-Dichloropropene	12.	U
75-25-2	Bromoform	12.	U
108-10-1	4-Methyl-2-Pentanone	12.	U
591-78-6	2-Hexanone	12.	U
127-18-4	Tetrachloroethene	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	12.	U
108-88-3	Toluene	12.	U
108-90-7	Chlorobenzene	12.	U
100-41-4	Ethylbenzene	12.	U
100-42-5	Styrene	12.	U
1330-20-7	Xylene (total)	12.	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

~~CT512~~ G21502

Lab Name: PACE, INC. Contract: ENSAFE

Lab Code: PACE Case No.: SAS No.: SDG No.: CT512 EE0203

Matrix: (soil/water) SOIL Lab Sample ID: 2660.3

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 56605.D

Level: (low/med) LOW Date Received: 02/15/94

% Moisture: 0 decanted: (Y/N) N Date Extracted: 02/15/94

Concentrated Extract Volume: 1000(UL) Date Analyzed: 03/07/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(-2-Chloroethyl)ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethyphenol	330	U
111-91-1	bis(-2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	790	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	790	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	790	U
83-32-9	Acenaphthene	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

~~CT512~~ G21502

Lab Name: PACE, INC. Contract: ENSAFE

Lab Code: PACE Case No.: SAS No.: SDG No.: CT512 EES0203

Matrix: (soil/water) SOIL Lab Sample ID: 2660.3

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 56605.D

Level: (low/med) LOW Date Received: 02/15/94

% Moisture: 0 decanted: (Y/N) N Date Extracted: 02/15/94

Concentrated Extract Volume: 1000(UL) Date Analyzed: 03/07/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	790	U
100-02-7	4-Nitrophenol	790	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	790	U
534-52-1	4,6-Dinitro-2-methylphenol	790	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	790	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenz(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G21502

Lab Name:PACE, INC Contract:00070000030

Lab Code:PACE Case No.NA SAS No.: SDG No.:CT512 EES0203

Matrix: (soil/water)SOIL Lab Sample ID: 2660.3

Sample wt/vol: 30.0 (g/ml)G Lab File ID:

% Moisture: 16 decanted: (Y/N) N Date Received: 2/15/94

Extraction: (SepF/Cont/Sonc)SONC Date Extracted: 2/16/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 3/03/94

Injection Volume: 0.5 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)Y pH: 8.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg)UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC(Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.9	U
72-55-9	4,4'-DDE	3.9	U
72-20-8	Endrin	3.9	U
33213-65-9	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	3.9	U
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	3.9	U
72-43-5	Methoxychlor	20.	U
53494-70-5	Endrin ketone	3.9	U
7421-36-3	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200.	U
12674-11-2	Aroclor-1016	39.	U
11104-28-2	Aroclor-1221	79.	U
11141-16-5	Aroclor-1232	39.	U
53469-21-9	Aroclor-1242	39.	U
12672-29-6	Aroclor-1248	39.	U
11097-69-1	Aroclor-1254	39.	U
11096-82-5	Aroclor-1260	39.	U

ENVIROFORMS/INORGANIC CLP

1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
EES0401
G21503

Lab Name: PACE, INCORPORATED Contract: NAS PENS.

Lab Code: PACE Case No.: ENSAF SAS No.: N/A SDG No.: XCT512

Matrix (soil/water): SOIL Lab Sample ID: X26611

Level (low/med): LOW Date Received: 02/15/94

% Solids: 96.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5110			P
7440-36-0	Antimony	7.5	U		P
7440-38-2	Arsenic	0.83	U		P
7440-39-3	Barium	2.7	B		P
7440-41-7	Beryllium	0.62	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	178	B		P
7440-47-3	Chromium	5.4			P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	0.62	U		P
7439-89-6	Iron	2860		*	P
7439-92-1	Lead	1.8			P
7439-95-4	Magnesium	32.0	B		P
7439-96-5	Manganese	47.8			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	3.1	U		P
7440-09-7	Potassium	97.6	U		P
7782-49-2	Selenium	1.0	U		P
7440-22-4	Silver	1.2	U		P
7440-23-5	Sodium	15.7	B		P
7440-28-0	Thallium	1.7	U		P
7440-62-2	Vanadium	7.4	B		P
7440-66-6	Zinc	1.9	U		P
	Cyanide	1.3	U		C

Color Before: BROWN Clarity Before: Texture: FINE

Color After: COLORLESS Clarity After: Artifacts:

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G21503

Lab Name:PACE, INC Contract:00070000030

Lab Code:PACE Case No.:NA SAS No.: SDG No.:CT512 FES0401

Matrix: (soil/water) SOIL Lab Sample ID:2661.1

Sample wt/vol: 5.00 (g/ml) G Lab File ID: C04822

Level: (low/med) LOW Date Received: 2/15/94

% Moisture: not dec. 4 Date Analyzed: 2/18/94

GC Column:DB624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl Chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene Chloride	10.	U
67-64-1	Acetone	14.	
75-15-0	Carbon Disulfide	10.	U
75-35-4	1,1-Dichloroethene	10.	U
75-34-3	1,1-Dichloroethane	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U
67-66-3	Chloroform	10.	U
107-06-2	1,2-Dichloroethane	10.	U
78-93-3	2-Butanone	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U
56-23-5	Carbon Tetrachloride	10.	U
75-27-4	Bromodichloromethane	10.	U
78-87-5	1,2-Dichloropropane	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U
79-01-6	Trichloroethene	10.	U
124-48-1	Dibromochloromethane	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U
71-43-2	Benzene	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U
75-25-2	Bromoform	10.	U
108-10-1	4-Methyl-2-Pentanone	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U
108-88-3	Toluene	10.	U
108-90-7	Chlorobenzene	10.	U
100-41-4	Ethylbenzene	10.	U
100-42-5	Styrene	10.	U
1330-20-7	Xylene (total)	10.	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G21503

Lab Name: PACE, INC. Contract: ENSAFE

Lab Code: PACE Case No.: SAS No.: SDG No.: CT512

Matrix: (soil/water) SOIL Lab Sample ID: 2661.1

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 56604.D

Level: (low/med) LOW Date Received: 02/15/94

% Moisture: 0 decanted: (Y/N) N Date Extracted: 02/15/94

Concentrated Extract Volume: 1000(UL) Date Analyzed: 03/07/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(-2-Chloroethyl)ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethyphenol	330	U
111-91-1	bis(-2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	800	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	800	U
83-32-9	Acenaphthene	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G21503

Lab Name: PACE, INC. Contract: ENSAFE

Lab Code: PACE Case No.: SAS No.: SDG No.: CT512 EES0401

Matrix: (soil/water) SOIL Lab Sample ID: 2661.1

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 56604.D

Level: (low/med) LOW Date Received: 02/15/94

% Moisture: 0 decanted: (Y/N) N Date Extracted: 02/15/94

Concentrated Extract Volume: 1000(UL) Date Analyzed: 03/07/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	800	U
534-52-1	4,6-Dinitro-2-methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenz(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G21503

Lab Name: PACE, INC Contract: 00070000030

Lab Code: PACE Case No. NA SAS No.: SDG No.: CT512 EES0401

Matrix: (soil/water) SOIL Lab Sample ID: 2661.1

Sample wt/vol: 30.1 (g/ml) G Lab File ID:

% Moisture: 4 decanted: (Y/N) N Date Received: 2/15/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 2/16/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 3/03/94

Injection Volume: 0.5 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.9 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC(Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.4	U
72-55-9	4,4'-DDE	3.4	U
72-20-8	Endrin	3.4	U
33213-65-9	Endosulfan II	3.4	U
72-54-8	4,4'-DDD	3.4	U
1031-07-8	Endosulfan sulfate	3.4	U
50-29-3	4,4'-DDT	3.4	U
72-43-5	Methoxychlor	18.	U
53494-70-5	Endrin ketone	3.4	U
7421-36-3	Endrin aldehyde	3.4	U
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	1.8	U
8001-35-2	Toxaphene	180.	U
12674-11-2	Aroclor-1016	34.	U
11104-28-2	Aroclor-1221	69.	U
11141-16-5	Aroclor-1232	34.	U
53469-21-9	Aroclor-1242	34.	U
12672-29-6	Aroclor-1248	34.	U
11097-69-1	Aroclor-1254	34.	U
11096-82-5	Aroclor-1260	34.	U

ENVIROFORMS/INORGANIC CLP

1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
EES0401D

G21504

Lab Name: PACE, INCORPORATED Contract: NAS PENS.

Lab Code: PACE Case No.: ENSAF SAS No.: N/A SDG No.: XCT512

Matrix (soil/water): SOIL Lab Sample ID: X26620

Level (low/med): LOW Date Received: 02/15/94

% Solids: 93.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5300			P
7440-36-0	Antimony	7.7	U		P
7440-38-2	Arsenic	0.85	U		P
7440-39-3	Barium	2.7	B		P
7440-41-7	Beryllium	0.64	U		P
7440-43-9	Cadmium	1.1	U		P
7440-70-2	Calcium	183	B		P
7440-47-3	Chromium	6.4			P
7440-48-4	Cobalt	1.3	U		P
7440-50-8	Copper	0.64	U		P
7439-89-6	Iron	3110		*	P
7439-92-1	Lead	1.6			P
7439-95-4	Magnesium	33.2	B		P
7439-96-5	Manganese	64.6			P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	3.2	U		P
7440-09-7	Potassium	99.9	U		P
7782-49-2	Selenium	1.1	U		P
7440-22-4	Silver	1.3	U		P
7440-23-5	Sodium	9.5	B		P
7440-28-0	Thallium	1.7	U		P
7440-62-2	Vanadium	7.8	B		P
7440-66-6	Zinc	1.9	U		P
	Cyanide	1.3	U		C

Color Before: BROWN Clarity Before: Texture: FINE

Color After: COLORLESS Clarity After: Artifacts:

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G21504

Lab Name:PACE, INC Contract:00070000030

Lab Code:PACE Case No.:NA SAS No.: SDG No.:CT512 EES0401D

Matrix: (soil/water) SOIL Lab Sample ID:2662.0

Sample wt/vol: 5.00 (g/ml) G Lab File ID: C04823

Level: (low/med) LOW Date Received: 2/15/94

% Moisture: not dec. 6 Date Analyzed: 2/18/94

GC Column:DB624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11.	U
74-83-9	Bromomethane	11.	U
75-01-4	Vinyl Chloride	11.	U
75-00-3	Chloroethane	11.	U
75-09-2	Methylene Chloride	11.	U
67-64-1	Acetone	15.	
75-15-0	Carbon Disulfide	4.	J
75-35-4	1,1-Dichloroethene	11.	U
75-34-3	1,1-Dichloroethane	11.	U
540-59-0	1,2-Dichloroethene (total)	11.	U
67-66-3	Chloroform	11.	U
107-06-2	1,2-Dichloroethane	11.	U
78-93-3	2-Butanone	11.	U
71-55-6	1,1,1-Trichloroethane	11.	U
56-23-5	Carbon Tetrachloride	11.	U
75-27-4	Bromodichloromethane	11.	U
78-87-5	1,2-Dichloropropane	11.	U
10061-01-5	cis-1,3-Dichloropropene	11.	U
79-01-6	Trichloroethene	11.	U
124-48-1	Dibromochloromethane	11.	U
79-00-5	1,1,2-Trichloroethane	11.	U
71-43-2	Benzene	11.	U
10061-02-6	trans-1,3-Dichloropropene	11.	U
75-25-2	Bromoform	11.	U
108-10-1	4-Methyl-2-Pentanone	11.	U
591-78-6	2-Hexanone	11.	U
127-18-4	Tetrachloroethene	11.	U
79-34-5	1,1,2,2-Tetrachloroethane	11.	U
108-88-3	Toluene	11.	U
108-90-7	Chlorobenzene	11.	U
100-41-4	Ethylbenzene	11.	U
100-42-5	Styrene	11.	U
1330-20-7	Xylene (total)	11.	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G21504

Lab Name: PACE, INC. Contract: ENSAFE

Lab Code: PACE Case No.: SAS No.: SDG No.: CT512 EES0401L

Matrix: (soil/water) SOIL Lab Sample ID: 2662.0

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 56603.D

Level: (low/med) LOW Date Received: 02/15/94

% Moisture: 0 decanted: (Y/N) N Date Extracted: 02/15/94

Concentrated Extract Volume: 1000(UL) Date Analyzed: 03/07/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(-2-Chloroethyl)ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethyphenol	330	U
111-91-1	bis(-2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	800	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	800	U
83-32-9	Acenaphthene	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G21504

Lab Name: PACE, INC. Contract: ENSAFE

Lab Code: PACE Case No.: SAS No.: SDG No.: CT512 EES0401D

Matrix: (soil/water) SOIL Lab Sample ID: 2662.0

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 56603.D

Level: (low/med) LOW Date Received: 02/15/94

% Moisture: 0 decanted: (Y/N) N Date Extracted: 02/15/94

Concentrated Extract Volume: 1000(UL) Date Analyzed: 03/07/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	800	U
534-52-1	4,6-Dinitro-2-methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenz(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G21504

Lab Name:PACE, INC Contract:00070000030

Lab Code:PACE Case No.NA SAS No.: SDG No.:CT512 EES0401D

Matrix: (soil/water)SOIL Lab Sample ID: 2662.0

Sample wt/vol: 30.0 (g/ml)G Lab File ID:

% Moisture: 6 decanted: (Y/N) N Date Received: 2/15/94

Extraction: (SepF/Cont/Sonc)SONC Date Extracted: 2/16/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 3/03/94

Injection Volume: 0.5 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N)Y pH: 8.1 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg)UG/KG	Q
319-84-6------	alpha-BHC	1.8	U
319-85-7------	beta-BHC	1.8	U
319-86-8------	delta-BHC	1.8	U
58-89-9-------	gamma-BHC(Lindane)	1.8	U
76-44-8-------	Heptachlor	1.8	U
309-00-2------	Aldrin	1.8	U
1024-57-3-----	Heptachlor epoxide	1.8	U
959-98-8------	Endosulfan I	1.8	U
60-57-1-------	Dieldrin	3.5	U
72-55-9-------	4,4'-DDE	3.5	U
72-20-8-------	Endrin	3.5	U
33213-65-9----	Endosulfan II	3.5	U
72-54-8-------	4,4'-DDD	3.5	U
1031-07-8-----	Endosulfan sulfate	3.5	U
50-29-3-------	4,4'-DDT	3.5	U
72-43-5-------	Methoxychlor	18.	U
53494-70-5----	Endrin ketone	3.5	U
7421-36-3-----	Endrin aldehyde	3.5	U
5103-71-9-----	alpha-Chlordane	1.8	U
5103-74-2-----	gamma-Chlordane	1.8	U
8001-35-2-----	Toxaphene	180.	U
12674-11-2----	Aroclor-1016	35.	U
11104-28-2----	Aroclor-1221	71.	U
11141-16-5----	Aroclor-1232	35.	U
53469-21-9----	Aroclor-1242	35.	U
12672-29-6----	Aroclor-1248	35.	U
11097-69-1----	Aroclor-1254	35.	U
11096-82-5----	Aroclor-1260	35.	U

ENVIROFORMS/INORGANIC CLP

1

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
EES4Q3

G21505

Lab Name: PACE, INCORPORATED Contract: NAS PENS.

Lab Code: PACE Case No.: ENSAF SAS No.: N/A SDG No.: XCT512

Matrix (soil/water): SOIL Lab Sample ID: X26638

Level (low/med): LOW Date Received: 02/15/94

% Solids: 96.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	46.9			P
7440-36-0	Antimony	7.5	U		P
7440-38-2	Arsenic	0.83	U		P
7440-39-3	Barium	0.42	U		P
7440-41-7	Beryllium	0.62	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	49.6	B		P
7440-47-3	Chromium	1.6	B		P
7440-48-4	Cobalt	1.2	U		P
7440-50-8	Copper	0.62	U		P
7439-89-6	Iron	91.9		*	P
7439-92-1	Lead	0.42	U		P
7439-95-4	Magnesium	17.4	B		P
7439-96-5	Manganese	0.83	U		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	3.1	U		P
7440-09-7	Potassium	97.4	U		P
7782-49-2	Selenium	1.0	U		P
7440-22-4	Silver	1.2	U		P
7440-23-5	Sodium	11.0	B		P
7440-28-0	Thallium	1.7	U		P
7440-62-2	Vanadium	1.2	U		P
7440-66-6	Zinc	1.9	U		P
	Cyanide	1.3	U		C

LAA 3/8/94

Color Before: ~~BROWN~~ GREY Clarity Before: Texture: FINE

Color After: COLORLESS Clarity After: Artifacts:

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G21505

Lab Name:PACE, INC Contract:00070000030

Lab Code:PACE Case No.:NA SAS No.: SDG No.:CT512 EES0403

Matrix: (soil/water) SOIL Lab Sample ID:2663.8

Sample wt/vol: 5.00 (g/ml) G Lab File ID: C04824

Level: (low/med) LOW Date Received: 2/15/94

% Moisture: not dec. 4 Date Analyzed: 2/18/94

GC Column:DB624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl Chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene Chloride	10.	U
67-64-1	Acetone	10.	U
75-15-0	Carbon Disulfide	10.	U
75-35-4	1,1-Dichloroethene	10.	U
75-34-3	1,1-Dichloroethane	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U
67-66-3	Chloroform	10.	U
107-06-2	1,2-Dichloroethane	10.	U
78-93-3	2-Butanone	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U
56-23-5	Carbon Tetrachloride	10.	U
75-27-4	Bromodichloromethane	10.	U
78-87-5	1,2-Dichloropropane	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U
79-01-6	Trichloroethene	10.	U
124-48-1	Dibromochloromethane	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U
71-43-2	Benzene	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U
75-25-2	Bromoform	10.	U
108-10-1	4-Methyl-2-Pentanone	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U
108-88-3	Toluene	10.	U
108-90-7	Chlorobenzene	10.	U
100-41-4	Ethylbenzene	10.	U
100-42-5	Styrene	10.	U
1330-20-7	Xylene (total)	10.	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G21505

Lab Name: PACE, INC. Contract: ENSAFE

Lab Code: PACE Case No.: SAS No.: SDG No.: CT512 EES0403

Matrix: (soil/water) SOIL Lab Sample ID: 2663.8

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 56602.D

Level: (low/med) LOW Date Received: 02/15/94

% Moisture: 0 decanted: (Y/N) N Date Extracted: 02/15/94

Concentrated Extract Volume: 1000(UL) Date Analyzed: 03/07/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	bis(-2-Chloroethyl)ether	330	U
95-57-8	2-Chlorophenol	330	U
541-73-1	1,3-Dichlorobenzene	330	U
106-46-7	1,4-Dichlorobenzene	330	U
95-50-1	1,2-Dichlorobenzene	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethyphenol	330	U
111-91-1	bis(-2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	800	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	800	U
83-32-9	Acenaphthene	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G21505

Lab Name: PACE, INC. Contract: ENSAFE

Lab Code: PACE Case No.: SAS No.: SDG No.: CT512 EES0403

Matrix: (soil/water) SOIL Lab Sample ID: 2663.8

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 56602.D

Level: (low/med) LOW Date Received: 02/15/94

% Moisture: 0 decanted: (Y/N) N Date Extracted: 02/15/94

Concentrated Extract Volume: 1000(UL) Date Analyzed: 03/07/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	800	U
534-52-1	4,6-Dinitro-2-methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	36	J
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenz(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G21505

Lab Name: PACE, INC Contract: 00070000030

Lab Code: PACE Case No. NA SAS No.: SDG No.: CT512 EES0403

Matrix: (soil/water) SOIL Lab Sample ID: 2663.8

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 4 decanted: (Y/N) N Date Received: 2/15/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 2/16/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 3/03/94

Injection Volume: 0.5 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC(Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.4	U
72-55-9	4,4'-DDE	3.4	U
72-20-8	Endrin	3.4	U
33213-65-9	Endosulfan II	3.4	U
72-54-8	4,4'-DDD	3.4	U
1031-07-8	Endosulfan sulfate	3.4	U
50-29-3	4,4'-DDT	3.4	U
72-43-5	Methoxychlor	18.	U
53494-70-5	Endrin ketone	3.4	U
7421-36-3	Endrin aldehyde	3.4	U
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	1.8	U
8001-35-2	Toxaphene	180.	U
12674-11-2	Aroclor-1016	34.	U
11104-28-2	Aroclor-1221	69.	U
11141-16-5	Aroclor-1232	34.	U
53469-21-9	Aroclor-1242	34.	U
12672-29-6	Aroclor-1248	34.	U
11097-69-1	Aroclor-1254	34.	U
11096-82-5	Aroclor-1260	34.	U

FLORIDA PROFESSIONAL GEOLOGIST SEAL

I have read and approve of this Technical Memorandum for Category 5 — Sites 9, 29 and 34 and seal it in accordance with Chapter 492 of the Florida Statutes. In sealing this document, I certify the geological information contained in it is true to the best of my knowledge and the geological methods and procedures included herein are consistent with currently accepted geological practices.

Name:	Brian E. Caldwell
License Number:	#1330
State:	Florida
Expiration Date:	July 31, 1994

B E Caldwell

Brian E. Caldwell

3-15-94

Date

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