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# TABLE OF CONTENTS

	Page
INTRODUCTION	1 .
SAMPLING METHODOLOGY	2
Quality Assurance/Quality Control	6
RESULTS AND DISCUSSION	6
Goal #1: Assess RAFB's Compliance with the CCMA IWO Goal #2: Assess Oil/Water Separator (OWS) Performance and Determine Presence of Chemicals Inhibitory to OWS Operation	6 8
Goal #3: Assess Likelihood, Extent of, and Contributing Factors to Storm Water Infiltration/ Inflow	10
Goal #4: Identify Potential Solutions to High Chemical Oxygen Demand (COD) Levels	11
Goal #5: Determine Levels of Metals in Base Effluent.	12
General Survey Observations.	12
Water Conservation	13
CONCLUSIONS	14
RECOMMENDATIONS	14
Stormwater Infiltration/Inflow	14
High COD Levels	15
Metals	15
OWS Operation and Maintenance	15
IWO Compliance	15
Water Conservation General Recommendations	15 15
REFERENCES	16
APPENDICES	
A Site Location Map	17
B Complete Analytical Results	19
Wastewater Characterization Data	
Base Effluent	20
O-Club, Bowling Alley, High School and Burger Bar	23
Officer & North Housing, Dining Hall, NCO-Club & Housing Maintenance	24
Clinic and NE Flightline/Pizza	25
North and South Sewer Lines	26
Arts & Crafts Lift Station, Corrosion Control and NDI	28
Oil Water Separator Survey Data	
Auto Hobby Shop and Bldg 11662	29
Vehicle Maintenance O/W Separators and Washrack	30
T-38 Washrack, Refueling and AGE O/W Separators	31
Housing Maintenance	32

# APPENDICES (continued)

	Quality Assurance/Quality Control Data	33
С	Sewer Flow vs Same-Day Rainfall	37
D	Sewer Flow vs Three-Day Rainfall	43
Ε	Sewer Flow vs Rainfall Ranges, Same-Day	
F	Sewer Flow vs Rainfall Ranges, Three-Day	51
G	Section 4, IWO	53

# TABLES

# Table No.

		Page
1	Quantitative Discharge Limits	1
2	Sampling Site Descriptions	3
	Analyses Performed	4
4	Contaminant Limit Comparison (ug/L)	7
5	Oil Water Separator Analysis	8
6	Metals Results, Base Effluent	12

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## RANDOLPH AIR FORCE BASE WASTEWATER SURVEY

#### INTRODUCTION

Randolph Air Force Base (RAFB) is located in south central Texas in the northeast section of the San Antonio metropolitan area. The base is approximately 18 miles from downtown San Antonio and is surrounded by the communities of Cibolo, Converse, Live Oak, Schertz, Selma, and Universal City. The major missions of the base are instructor pilot and navigator training. Approximately 5,600 military and 2,700 civilian personnel work at Randolph, with a substantial number of military families residing on-base.

RAFB discharges wastewater to the Cibolo Creek Municipal Authority (CCMA) wastewater treatment plant (WWTP) located a few miles east of the base. All of the wastewater from RAFB collects at a pump station on the east side of the base where it is pumped directly to the WWTP. This lift station is the sampling point for CCMA personnel to test RAFB's wastewater for compliance with the industrial waste order (IWO) agreement between the two parties. RAFB contributes approximately 20-25 percent of the total flow entering the WWTP. Table 1, below, lists the quantitative limits included in the IWO. Appendix G provides Section 4 of the IWO, which details specific discharge prohibitions and other regulations included in the IWO.

COMPOUND	LIMIT	COMPOUND	LIMIT
BOD <sub>5</sub>	250 mg/L	Copper	16.0 ug/L
COD	625 mg/L	Lead	14.0 ug/L
TSS	250 mg/L	Manganese	2000 ug/L
рН	5.5 ≤ pH ≤ 10.5	Mercury	3.0 ug/L
Oil and Grease	200 mg/L	Nickel	14.0 ug/L
Arsenic	15.0 ug/L	Selenium	20.0 ug/L
Barium	2000 ug/L	Silver	1.0 ug/L
Cadmium	1.5 ug/L	Zinc	1.0 ug/L
Chromium (total)	13.0 ug/L		

## TABLE 1. QUANTITATIVE DISCHARGE LIMITS

RAFB Civil Engineering Environmental Flight (12 CES/CEV) requested the Water Quality Branch of Armstrong Laboratory's Bioenvironmental Engineering Division (AL/OEBW) to conduct a wastewater characterization survey at the base. RAFB identified five goals for this survey:

- 1. Assess RAFB's compliance with the CCMA IWO;
- Assess Oil/Water Separator (OWS) performance and determine presence of chemicals inhibitory to OWS operation;
- 3. Assess likelihood and extent of, and contributing factors to storm water infiltration/inflow;
- 4. Identify potential solutions to occasionally high chemical oxygen demand (COD) levels;
- 5. Determine levels of metals in base effluent.

Of high concern to RAFB is the occurrence of high COD levels in the effluent. The CCMA IWO prohibits discharges of wastewater having COD levels greater than 625 mg/L. CCMA charges \$500 for each occurrence of COD greater than 700 mg/L. CCMA staff collect and analyze a grab sample from the RAFB effluent lift station about once per week. During the last five years, RAFB has been fined a total of greater than \$20,000 for COD exceedances. Presently, CCMA uses only COD tests to determine the strength of the sewage and does not regularly measure for other parameters regulated by the IWO.

In April 1985 the Environmental Quality Branch of the USAF Occupational and Environmental Health Laboratory's Aerospace Medical Division (USAFOEHL/ECQ), predecessors to AL/OEBW, performed a wastewater survey to determine the sources of high COD levels at RAFB. At that time, the main contribution to the COD problem came from garbage grinding operations at food serving facilities throughout the base. Industrial contributions to COD levels were minimal in comparison to the food grinding operations.

As part of a study to identify deficiencies in wastewater treatment systems throughout the Air Force by the Air Force Civil Engineer Support Agency, Geo-Marine Inc. (GMI) conducted a wastewater survey at RAFB during June 1994. GMI reported that COD levels of RAFB's wastewater have significantly improved since 1985 when garbage grinding operations were discontinued, but recognized that occasional exceedances still occur. GMI concluded that the COD levels in RAFB's wastewater were not a significant problem, based on discussions with CCMA plant personnel and in comparison to generally accepted qualification of wastewater. Wastewater with COD levels between 500 and 1000 mg/L is considered medium strength wastewater, and GMI indicated that typical COD levels in RAFB's effluent have no detrimental effects at the WWTP. According to GMI's report, CCMA is more concerned with the WWTP's toxicity problems than with COD, and potential contributions of metals and other industrial or toxic chemicals and their effects on the WWTP are of concern to both RAFB and CCMA. As part of the effort to characterize the sewage at RAFB, CEV personnel indicated the necessity to assess the performance of OWSs and determine the presence of chemicals which inhibit their proper operation. If not properly working, OWSs may contribute significant industrial chemicals to the sanitary sewers.

The IWO also prohibits storm water from entering the sanitary sewer system so RAFB is concerned with potential infiltration and inflow of storm water to the sanitary sewer. CCMA charges RAFB \$1.40 per 1,000 gallons of wastewater. Savings to RAFB can be made by eliminating any storm water contributions to total base flow.

## SAMPLING METHODOLOGY

To determine sampling locations for the wastewater characterization, personnel from OEBW and 12 CES/CEVC reviewed a general layout of the base and noted potential contributors of industrial chemicals or high COD waste streams. Based on the locations of these organizations, the availability of sampling points at or near the sites, and the potential workload versus availability of personnel, OEBW chose several sampling sites. OEBW believed that these sites would adequately characterize the base sewage and allow contributing operations to be identified. Table 2, below, lists the sites chosen for this survey. Appendix A provides a base map, indicating site locations by the numbers identified below.

SITE #	SITE	DESCRIPTION/CONTRIBUTING OPERATIONS
1	Base Effluent	Lift station off of Farm Road 1518.
2	South Sewer Line	Manhole outside base effluent lift station representing South Sewer line flow.
3	North Sewer Line	Manhole near new hush house on NE side of base. Represents North Sewer Line flow.
4	North Housing Area	Manhole by softball field at intersection of Fifth St East and New B St East. Collects water from North housing and dormitories.
5	Northeast Flightline	Manhole behind AGE (Bldg. 16). All NE flightline shops drain to this spot, including pizza parlor and graphics support.
6	NCO Club	Manhole on SW corner of NCO club yard. Also gets minor flow from two housing units.
7	Dining Hall, CUP School	Manhole outside front entrance to Airmen's dining hall. Grease traps at CUP school and flight kitchen flow to this manhole.
8	Officer Housing Area	Manhole near Bldg. 636. Represents about 1/4 of officer housing units.
9	Officers' Club	Manhole by grease trap, near O-club pool.
10	Bowling Alley	Manhole on H Street West next to bowling alley. Collects water from the lift station by the Arts & Crafts Center, the classrooms by the bowling alley, the bowling alley, and buildings 61-64 (Bead Blasting, CE, PMEL, OPS).
11	Burger Bar / BX	Manhole next to Burger Bar grease trap. All buildings between Clinic and Burger Bar, inclusive, and the BX, drain to this spot.
12	Clinic	Manhole outside gate of POL yard. Clinic is main contributor.
13	High School	Manhole by high school lift station.
G1	Auto Hobby OWS (by Bldg. 893)	Collects water from the washracks at the Auto Hobby Shop.
G2	OWS 11662 (by Bldg. 44)	Collects water from wash bay (11661), apron area nearby, and floor drains of Bldg. 44.
G3	AGE Washrack OWS (by Bldg. 16)	Collects water from AGE washrack and apron area.
G4	Refueling Maint. OWS (by Bldg. 22)	Collects water from floor drains of the refueling truck maintenance building.
G5	T-38 Washrack OWS (by Bldg. 5)	Collects water from T-38 Washrack and surrounding apron.
G6	T-38 Washrack Pit (by Bldg. 3)	This pit collects water from the covered T-38 washrack and surrounding apron area and routes it to the OWS by Bldg. 5.
G7	Vehicle Maint. OWSs (by Bldg. 171)	Two OWSs, one in front of and one behind Bldg. 171. Collect water from floor drains of vehicle maintenance building.

# TABLE 2. SAMPLING SITE DESCRIPTIONS

SITE #	SITE	DESCRIPTION/CONTRIBUTING OPERATIONS
G8	Vehicle Maint. Washrack (by Bldg. 175)	Large OWS that collects water from vehicle maintenance washrack and parking area nearby Bldg. 175.
G9	Housing Maint. OWS	Collects water from the washracks at housing maintenance, pesticide management, hush house (Bldg. 85), and the nearby parking area.
G10	NDI	Water sample taken from rinse basins.
G11	Corrosion Control	Water sample taken from paint booth. Booth is emptied once per week on Thursday or Friday afternoon.
G12	Arts and Crafts Lift Station	Lift Station behind Bldg. 895. Receives water from the OWS and buildings near the Auto Hobby Shop, and from the Arts & Crafts building.
G13	Golf Course Lift Station	Collects water from golf course club house, washrack and floor drains of golf course maintenance area.

# TABLE 2. CONTINUED

Table 3 lists the chemicals analyzed at each site. For sites where composite sampling was performed, OEBW personnel installed a 24-hour time composite sampler to draw a sample every 1/2 to 1 hour for a 24 hour period. The sample aliquots were collected in a single container chilled with ice. At the end of a 24 hour period the jug of composite sample was stirred and poured directly into sample containers for laboratory analyses. The composite sampling method provides a picture of the entire day's activities. This sampling was performed during periods where the highest activity was anticipated. For example, industrial activities were sampled during workdays, and housing areas and clubs during weekends.

Other activities are adequately characterized by grab sampling, because the nature of the system or operation provides a fairly representative sample at any time. Examples of such systems are OWSs or lift stations receiving consistent or low flows. OWS samples were taken from influent and effluent chambers of the separators. One separator (Bldg. 22) is a pit that has a drain pipe which draws water from the bottom of the pit. The sample from this OWS was taken from the bottom of the water by submerging a sampling device into the water. Some analyses, including O&G/TPH, TSS, and VOC/SVOC, require grab samples to be taken. These grabs were collected in a precleaned stainless-steel pitcher and poured into sample containers.

SITE #	SITE DESCRIPTION	SAMPLE TYPE	ANALYSES PERFORMED
1	Base Effluent	24 Hr. Comp, Grabs, 7 days	VOC/SVOC (EPA 8021), Metals (EPA 200.7: Screen, 200.8:Cd, 200.9:Zn, 245.1:Hg), O&G/TPH (EPA 413), COD (EPA 410.1), Cyanide (EPA 335.3), Phenols (EPA 420.1), TSS (EPA 160.2), Phthalates (EPA 606), TTO (EPA 608, 624, 625), Herbicides (EPA 615); Note: TTO and Herbicides only on two of seven days.

#### **TABLE 3. ANALYSES PERFORMED**

# TABLE 3. CONTINUED

SITE #	SITE DESCRIPTION	SAMPLE	ANALYSES PERFORMED
		TYPE	
2	South Sewer Line	24 Hr. Comp,	COD, TTO (on one of two days)
		Grabs, 2 days	
3	North Sewer Line	24 Hr. Comp,	COD, TTO (on one of two days)
		Grabs, 2 days	
4	North Housing Area	24 Hr. Comp,	COD, O&G, Phenols, TSS
	Northeast Flightline	Grabs, 3 days	VOC/SVOC, Metals, O&G/TPH, COD, Cyanide,
5	Northeast Flightline	24 Hr. Comp, Grabs, 3 days	TSS
6	NCO Club	24 Hr. Comp,	COD, O&G, TSS
Ŭ		Grabs, 3 days	00D, 000, 100
7	Dining Hall, CUP School	24 Hr. Comp,	COD, O&G, Phenols, TSS
	5	Grabs, 3 days	
8	Officer Housing Area	24 Hr. Comp,	COD, O&G, TSS
		Grabs, 3 days	
9	Officers' Club	24 Hr. Comp,	COD, O&G, TSS
		Grabs, 3 days	
10	Bowling Alley	24 Hr. Comp,	COD, O&G, TSS
	Durana Dan ( DY	Grabs, 3 days	000 010 700
11	Burger Bar / BX	24 Hr. Comp, Grabs, 3 days	COD, O&G, TSS
12	Clinic	24 Hr. Comp,	Silver, Molybdenum, Cyanide, O&G, COD,
12	Cirric	Grabs, 3 days	Phenols, TSS
13	High School	24 Hr. Comp.	Metals, O&G, COD, Phenols, TSS
		Grabs, 3 days	
G1	Auto Hobby OWS (by Bldg.	Grab	VOC/SVOC, Metals, Cadmium, Mercury, Zinc,
	893)		O&G/TPH, COD, MBAS (EPA 425.1), TSS
G2	OWS 11662 (by Bldg. 44)	Grab	VOC/SVOC, Metals, O&G/TPH, COD, MBAS,
		0.1	TSS
	Refueling Maint. OWS (by	Grab	VOC/SVOC, Metals, O&G/TPH, COD, MBAS, TSS
	Bldg. 22) Age Washrack OWS (by	Grab	VOC/SVOC, Metals, O&G/TPH, COD, MBAS,
	Bldg. 16)	Glab	TSS
	T-38 Washrack OWS (by	Grab	VOC/SVOC, Metals, O&G/TPH, COD, MBAS,
	Bldg. 5)		TSS
G6	T-38 Washrack Pit (by	Grab	VOC/SVOC, Metals, O&G/TPH, COD, MBAS,
	Bldg. 3)		TSS
	Vehicle Maint. OWSs (by	Grab	VOC/SVOC, Metals, O&G/TPH, COD, MBAS,
	Bldg. 171)	· · · · · · · · · · · · · · · · · · ·	TSS
	Vehicle Maint. Washrack	Grab	VOC/SVOC, Metals, O&G/TPH, COD, MBAS,
	(by Bldg. 175)	Grob	TSS VOC/SVOC, Metals, O&G/TPH, COD, MBAS,
G9	Housing Maint. OWS	Grab	TSS, Pesticides (EPA 608), Herbicides
G10	NDI	Grab	Metals, COD, Cyanide, Phthalates
	Corrosion Control	Grab	Metals, COD, TSS, VOC/SVOC
	Arts and Crafts Lift Station	Grab	VOC/SVOC, COD, O&G/TPH, TSS
	Golf Course	Grab	COD, O&G/TPH, TSS, Pesticides, Herbicides

# **Quality Assurance/Quality Control**

A field Quality Assurance/Quality Control (QA/QC) program was used during this evaluation to verify the accuracy and reproducibility of laboratory results. The following is an enumeration of samples sent to the analytical laboratory to validate the integrity of the samples collected:

Equipment Blank Sample: Equipment blank samples were collected by pouring laboratory grade water through the sampling collection media (pitcher, sampler, etc.) into the appropriate sample container. Preservation and packing was conducted in the same manner as the normally collected samples. This sampling series serves as a check on contamination from sampling media.

<u>Spike Samples:</u> Spike samples were collected by filling the appropriate sample containers with a laboratory prepared, known concentration, spike standard solution. The spike standard solutions were prepared in accordance with the manufacturer instructions by Armstrong Laboratory Analytical Service Division (AL/OEA) Quality Assurance, Quality Control Branch. This series of samples in conjunction with AL/OEA Quality Assurance Plan serves as check on the sample collection preservation, and reproducibility of analytical results.

<u>Duplicate Samples:</u> Duplicate samples are aliquots taken from the same source, and analyzed independently. These samples serve as a measure of precision, which is the agreement between a set of replicate measurements without assumption or knowledge of the true value.

<u>Reagent Blank Samples</u>: Reagent blank samples were collected by filling the appropriate analysis sample container with laboratory grade water and placing the preservative into the container. This series serves as a check on the purity of the reagents used and elimination of any preservative contributing to false analytical results.

#### RESULTS AND DISCUSSION

This section addresses each of the goals that RAFB identified for this survey. A discussion of water conservation issues and other survey findings are also presented in this section.

## Goal #1: Assess RAFB's Compliance with the CCMA IWO.

The IWO provides effluent limitations as shown in Table 1. Table 4, below, compares the quantitative discharge limits for metals as printed in the IWO to drinking water standards and inhibitory levels to biological processes like those in operation at the CCMA WWTP (Aerobic Fixed Film/ Anaerobic Digestion). Based on this information, OEBW believes that these standards are overly restrictive, and suggests that RAFB work to amend the IWO to ease the limits. Currently, CCMA does not test nor cite RAFB for exceeding these limits. However, the practice of accepting these discharge limits, which RAFB has little chance of ever meeting, should be stopped. A precedence of not contesting these limits opens the door for accepting notices of violation and fines in the future. The discharge limits in CCMA's NPDES permit will influence the IWO criteria and possible changes to the criteria.

ANALYTE	IWO LIMIT	SDWA LIMIT	INHIBITORY RANGE
Arsenic	15	50	290000/ 100-1000
Cadmium	1.5	5	5000-20000/20-1000
Chromium	13	100	50000/ 1500-50000
Copper	. 16	1300	25000-50000/
			500-100000
Lead	14	50	N/A/ 50000-250000
Nickel	14	100	N/A/ 2000-200000
Selenium	20	50	No Data
Silver	3	1000	N/A/ N/A
Zinc	1	5000	N/A/ 1000-10000

#### TABLE 4. CONTAMINANT LIMIT COMPARISON (ug/L)

In addition to these specific quantitative limits, prohibited discharges include antimony, beryllium, bismuth, cobalt, molybdenum, tin, uranyl ion, rhenium, strontium, tellurium, herbicides, fungicides, and pesticides. OEBW analyzed the base effluent for levels of antimony, beryllium, cobalt, molybdenum, herbicides and pesticides. Of these parameters, only molybdenum was detected. CCMA expressed concern for the presence of molybdenum because the treatment plant is nearing its limit for molybdenum in the land-applied sludge. Molybdenum was detected on only two of seven days in the base effluent at levels just above the analytical method detection limits. Molybdenum was detected in samples drawn from the OWSs at Bldg. 171 (Transportation Vehicle Maintenance), the Auto Hobby Shop (Bldg. 893), and the T-38 washrack pit (by Bldg. 3). RAFB should investigate chemical usage listings for these operations to determine potential sources of molybdenum. Molybdenum is commonly used in aircraft components, machine tool accessories, corrosion inhibitors, and pigments for paints, dyes, and lacquers. Molybdenum is also an essential micronutrient, and common in all natural waters.

COD levels in the base effluent did not exceed the IWO limit. The highest reported COD value was 407 mg/L. Based on these results, RAFB does not appear to have a consistent problem with COD. However, CCMA takes grab samples for COD, usually on Thursday or Friday afternoon, and these might differ from the time composite samples taken during this survey.

One day of sampling showed high Oil and Grease and TPH levels in the effluent. Compared to other analytical results for this day (12 May), these high levels are likely the result of contamination or analytical error. If they were accurate, COD and BTEX results, would likely be higher.

Biochemical Oxygen Demand (BOD) samples were run from selected sites by the CCMA staff. High results were reported from the O-Club (319 mg/L, Sat. 13 May), North Housing Area (342 mg/L, Sat. 13 May), and the North Sewer Line (298 mg/L, Tue. 16 May). On 16 May, the BOD level from the Base Effluent was reported as >600 mg/L. The corresponding COD for this day was 284 mg/L. The BOD test was not run to completion because the oxygen level was not sufficient, so the result cannot be considered valid. The BOD limit set by the IWO is 250 mg/L, which would be typical of a medium strength wastewater.

No pesticides and herbicides were detected in the base effluent. Lindane was detected in the North Sewer lines on one day, but the base effluent was not tested on this day.

Appendix B provides the complete analytical reports for this survey. Values exceeding the IWO permit limits are highlighted in grey.

## Goal #2: Assess Oil/Water Separator (OWS) Performance and Determine Presence of Chemicals Inhibitory to OWS Operation.

Properly operating OWSs should remove oil and grease from wastewater to about 100 mg/L. (The IWO prohibits wastewaters having greater than 200 mg/L from entering the treatment plant.) Several factors can inhibit the separation process of a gravity OWS. If the flow into an OWS exceeds the design level, there will not be adequate time for globules of oils and grease to rise to the surface of the water where they can be adequately skimmed off. Instead, some oil and grease will exit, or "pass through" the separator. The presence of alkaline detergents, surfactants, emulsifiers, and degreasing agents also inhibits the proper operation of OWSs. These compounds prevent the oil from forming globules large enough to rise to the water surface, contributing to the "passing through" of the oil products. Very low, or very high pH values can also increase the solubility of oil products in the wastewater. Lack of maintenance for OWSs may also contribute to contamination problems.

Operations which use the OWSs should avoid purposely introducing any chemicals into the separators which will inhibit the separation process. Whenever possible, excess oils and greases should be cleaned with rags or collected in drip pans. Personnel should be trained to know and use the proper concentrations and mixing ratios for detergents and degreasers, and minimize their use wherever possible.

Most of the OWSs in operation at RAFB pump water from a wet well into the separator. During the survey these pumps were manually operated, and most of them appear to pump at rates which are too high for the separators. Reducing the pump flow rates will allow more time for proper oil/water separation, and minimize the emulsification and turbulence caused by fast pumping, resulting in better OWS performance.

Table 5, below, discusses each OWS investigated, including comments regarding relevant analytical results. Full analytical reports are located in Appendix 2. Some metals, including chromium, may come from the separators themselves, most of which are made of stainless steel.

SEPARATOR SITE	COMMENTS
Auto Hobby Shop	<ul> <li>* Oil and Grease results from this separator show that the OWS is functioning properly. The high COD values in the effluent may correspond to high surfactant loading.</li> <li>* The pump for this OWS is pumping at a high rate, which emulsifies the oils and greases, and may be overloading the separator. RAFB should try to reduce the pumping rate.</li> </ul>
Building 44	<ul> <li>* This OWS has low Oil and Grease levels in both the influent and effluent, but these values are nearly the same, which means that the separator is not removing any of the oil or grease from the water. The presence of surfactants and industrial solvents (TCE, DCE) in this separator may be contributing to the flow through of the oils and greases.</li> <li>* The levels of cadmium and chromium in this separator are high relative to other separators, and may be due to the nearby painting operations or the washing operations in Building 44.</li> </ul>

## TABLE 5. OIL/WATER SEPARATOR ANALYSIS

# TABLE 5. CONTINUED

SEPARATOR SITE	COMMENTS
AGE	<ul> <li>* The influent to this separator has very high Oil and Grease levels (1424 mg/L), which are lowered to 224 mg/L in the effluent. This level is above the 100 mg/L desired, but considering the influent levels, it shows the separator is removing significant quantities. This is a high use separator, and the flow may be too high to remove oil and grease to 100 mg/L.</li> <li>* Surfactants and solvents do not appear to be causing problems with this unit.</li> </ul>
Refueling Maintenance	<ul> <li>* This unit is receiving runoff from a large apron area.</li> <li>* This separator is a large pit that drains water from the bottom, through an elbow pipe. At the time of the survey, there were several inches of fuel on top of the water. Because of the likelihood of contamination and high use at this site, a proper OWS should be installed. There are at least three OWSs currently not in use (Building 40 and two at Building 245) which could be used at this site.</li> <li>* Oil and Grease levels in the sample from this pit measured 1408 mg/L. The COD value of 920 mg/L is also high, but considering the large amounts of fuel in the water, this value is not surprising.</li> <li>* The large quantity of fuel in this pit indicates that better management practices might be used by this shop. As discussed above, drip pans and absorbent material should be used whenever possible.</li> </ul>
T-38 Washrack (Bldg. 5)	<ul> <li>* This separator seems to be operating properly. Analytical results show higher levels of oils and greases in the effluent than the influent, but the effluent result is lower than the IWO permit value of 200 mg/L.</li> <li>* The COD value greater than 700 is likely due to the surfactants used for washing the T-38s.</li> </ul>
Vehicle Maintenance, N. Side (171 #1)	<ul> <li>* This separator had thick layers of oils and greases, thick sediment buildup, and appeared like it had not been serviced recently or regularly. There were high levels of COD, O&amp;G, TPH, metals (including molybdenum), surfactants, toluene and xylene in the effluent from this separator.</li> <li>* Based on the appearance of this separator, it is probably undersized.</li> <li>* Shop practices should be reviewed to insure that wherever possible, oils and fuel are prevented from entering the separator.</li> </ul>
Vehicle Maintenance, S. Side (171 #2)	* Same comments as 171 #1. In addition, low pH values may be contributing to the high contaminant levels in the effluent.
T-38 Washrack Pit	<ul> <li>* This pit is located under the covered washrack for T-38s. It is not a separator, but serves as an indicator of the influent to the separator located by Bldg. 5 and the wastewater from washing operations.</li> <li>* Samples from this pit displayed high COD and metals levels (including cadmium, chromium, and molybdenum). The metals are probably released from the paint and aircraft surfaces during scrubbing. The high COD might be from the detergent.</li> </ul>
Housing Maintenance	<ul> <li>* This separator seems to be clean, and operating properly. The main problem with this separator is that it receives significant amounts of runoff from parking areas and storm drains.</li> <li>* No pesticides and herbicides were detected in this unit. The washrack outside the entomology shop discharges into this separator.</li> </ul>

# Goal #3: Assess Likelihood, Extent of, and Contributing Factors to Storm Water Infiltration/Inflow.

OEBW obtained sewer flow and rainfall information from September 1991 to May 1995. Sewer flow represented daily totals in gallons passing through the effluent lift station, and rainfall was measured in hundredths of inches per day. AL/CFTO, the Statistical Function of Armstrong Laboratory's Sustained Operations Branch, Crew Technology Division, evaluated this information to provide a statistical assessment of the rainfall infiltration/inflow to the sanitary sewer.

Based on the evaluation of rainfall and sanitary sewer flow over the last 4 years, there is evidence of significant influence of rainfall on the total base flow, especially when the rainfall is greater than 0.09 inches. From the data, we can estimate that RAFB pays on the average more than \$15K per fiscal year for treatment of rainwater. Appendix C (five pages) shows the rainfall versus lift station flow by day from September 1991 thru 15 August 1995. It is apparent on these graphs that peaks in flow correspond well with the occurrence of rainfall. The graphs in Appendix D pair the daily flow to the average of the same day's rain and the two previous days' rain. These graphs show an even stronger correlation between the daily sewer flow and the amount of rain over the three day period. The stronger correlation suggests that the rainfall has about a two to three day period of influence on the sewer flow. Appendix E provides a graph which compiles all of the sewer flow and rainfall information (1353 days) and plots the flow versus rainfall ranges in a "box and whisker" diagram. The ends of the boxes represent the 25th and 75th percentile ranges and the line in the box represents the 50th percentile, or median value of the flow information for the days having that amount of rainfall. The ends of the lines extending from the boxes represent the high and low values for that group. Next to the boxes the "n = #" gives the number of data points in that group. A small box means that data are grouped tightly together. Appendix F provides a similar graph, but again, it uses the average of three days worth of rainfall data (same day and two previous) rather than just the same day's rainfall. These two graphs show that there is a significant influence on sewer flow when the rainfall is more than 0.09", and that the effect increases as the amount of rainfall increases. By using the mean of three days worth of rainfall data, the grouping becomes somewhat tighter, and the influence of rainfall on the sewer flow more apparent. There is about an 18% increase in the correlation based on three days worth of data versus the same day data. The correlation between the rainfall and sewer flow cannot be used in a predictive manner, but indicates a significant relationship between the two. The type of storm and the time and weather between storm events will influence the amount of increase in sewer flow due to rainfall.

There are several possible contributors to the infiltration/inflow problem. Many manhole lids at RAFB are below grade (i.e., lower than the surrounding ground surface). During lawn watering and storm events, water runoff drains into these manholes, and can contribute significant amounts of flow to the sanitary sewer. Flow into these manholes is facilitated by holes drilled into many of the lids (common practice). One method of preventing significant amounts of runoff from entering the sewer is to get plastic storm lids fitted to the manholes. These covers fit below the manhole lid and are easily removed when access to the manhole is necessary. Manhole lids without holes are also available, and can reduce the amount of surface runoff entering the sewer. Another option is to raise the level of the manhole above the surrounding area.

Many manholes on RAFB, notably older ones, are constructed from bricks. Because of the age of these structures, several are cracked, crumbling, or the mortar has deteriorated. These decrepit conditions contribute to infiltration of water from the ground to the sanitary sewer. RAFB is currently upgrading much of the sewer system, and continuation of this project will reduce the amount of infiltration into the system. The delayed influence of the rain on the sewer flow might indicate groundwater infiltration problems.

Several OWSs collect water that runs off apron and parking areas. Some of the systems have storm water overflows, which are designed to divert high flows to the storm sewer rather than allowing it all to go to the OWS wet wells. However, rain water and parking lot runoff still enters the OWSs. Ideally, washracks should be covered, and the surrounding apron or parking areas graded away from the OWS to prevent stormwater inflow to the sanitary sewer through the OWSs. Almost all of the identified OWSs, with the exception of those at Bldgs. 171 and 22 are collecting water from large paved areas.

# Goal #4: Identify Potential Solutions to High Chemical Oxygen Demand (COD) Levels.

As stated in the AFCESA report, COD levels between 500 and 1000 mg/L are considered to be medium strength. Strong COD levels are those over 1000 mg/L. The IWO limit for COD is 625 mg/L, and RAFB receives a \$500 fine for any COD result greater than 700 mg/L. The highest detected COD during the seven days of sampling at the base effluent was 407 mg/L. These were 24 hour time composite samples. CCMA usually takes a grab sample on Thursday or Friday afternoon to test for COD.

It is possible that the CCMA test results are inaccurate. OEBW suggests that RAFB send a split sample to another certified laboratory for analysis and comparison to CCMA results. Industrial or other operations may contribute to unusually high COD levels at various times throughout the day, which might not be detected in time proportional composite sampling. If CCMA's results coincide with a split sample analyzed at another laboratory, then the indication is stronger that daily operations at RAFB are contributing to occasionally high COD values.

Data from several sites indicate potential sources of high COD. The highest COD value reported came from the rinse water at the NDI facility, measuring 9,040 mg/L. A simple way to reduce the COD in this rinse water would be to allow more time for the parts to drip before rinsing. The next highest reported COD value was 2,000 mg/L at the Dining Hall. This result suggests that food preparation operations may be contributing to high COD values at the base effluent, and would explain high COD values during weekends and other hours when industrial operations are down. RAFB should insure that minimal amounts of food solids are sent down the drains. Other COD values exceeding 700 mg/L were found at the O-Club, and the Clinic. As with the Dining Hall, the O-Club should minimize the amounts of food solids being disposed of down the drains. In addition, the water exiting the O-Club (flowing through the grease trap) was 104 degrees Fahrenheit on the day recording the highest COD value. These high temperatures may be dissolving the grease in the grease trap, thus contributing to high COD.

Several of the Oil/Water Separators recorded high COD levels. These include the OWSs from Building 171 (Vehicle Maintenance), The T-38 Washrack pit and OWS, the AGE washrack, and the Refueling Truck Maintenance shop (Building 22). Compounds that contribute to high COD levels in OWS effluents include the oil and grease products that are not removed and the cleaning compounds and detergents used in the shops. Proper operation and maintenance of OWSs, and good housekeeping and shop management procedures will reduce the COD values in the effluents from the OWSs. The operation and maintenance of OWSs was discussed above.

## Goal #5: Determine Levels of Metals in Base Effluent.

Table 6 shows the metals results from analyses of 24 hour composite samples from the base effluent lift station. Any metals that were not detected are not shown in this table. Lead and copper exceed the IWO limits on all days, however, the limits set by the IWO are below the Safe Drinking Water Act (SDWA) standards. The levels of lead and copper detected are barely in the range of concentrations inhibitory for biological processes. The inhibitory range of copper for activated sludge processes is 0.1-1mg/L, and of lead it is 0.1-10 mg/L. The SDWA regulatory limit for copper is 1.3 mg/L, and for lead is 0.015 mg/L. Cadmium and chromium also exceed the IWO limit, but are either very close to the limit value, or of the same order of magnitude. Relatively high chromium levels were detected in the paint booth water at the corrosion control facility, but these levels were below those required by federal pretreatment standards.

Metal	Fri 12 May	Sat 13 May	Sun 14 May	Mon 15 May	Tue 16 May	Wed 17 May	Thu 18 May	High	Avg	IWO limit
	mg/L	mg/L	mg/L	mg/L						
Aluminum	2.62	0.94	4.71	4.94	3.27	4.64	3.65/ 6.59	6.59	3.92	
Barium	0.183	0.115	0.252	0.257	0.245	0.341	0.306/ 0.537	0.537	0.28	2
Cadmium	0.004	0.003	0.004	0.003	0.001	0.002	0.002/ 0.003	0.004	0.0028	0.0015
Chromium	ND	ŅD	0.01	0.017	ND	0.011	0.011/ 0.027	0.027	0.052	0.013
Copper	0.158	0.097	0.23	0.189	0.052	0.279	0.256/ 0.443	0.443	0.213	0.016
Iron	1.26	0.428	1.79	1.98	1.43	2.63	3.12/ 7.61	7.61	2.531	
Lead	0.036	0.008	0.029	0.046	0.026	0.044	0.049/ 0.081	0.081	0.040	0.014
Manganese	0.034	ND	0.03	0.036	ND	0.04	0.034/ 0.060	0.060	0.029	2
Mercury	0.0006	ND	0.0006	0.003	ND	0.0006	0.004/ 0.002	0.004	0.0014	0.003
Molybdenum	ND	ND	ND	ND -	ND	0.033	0.037/ 0.043	0.043	0.014	-
Nickel	ND	ND	ND	ND	ND	ND	ND/ 0.074	0.074	0.001	0.014
Silver	0.02	ND	0.012	0.016	ND	0.018	0.025/ 0.063	0.063	0.019	0.003
Titanium	ND	ND	0.085	ND	ND	ND	ND	0.085	0.011	-
Zinc	0.208	0.1	0.291	0.28	0.238	0.396	0.354/ 0.676	0.676	0.318	0.001

#### TABLE 6. METALS RESULTS, BASE EFFLUENT

#### General Survey Observations

OEBW used a sanitary sewer map dated 23 March 1989 to plan and conduct this survey. Unfortunately, this map is not up to date and did not match the actual plumbing on the base. RAFB must insure that recent updates and new construction to the sewer system are correctly mapped into the computer drawings. The importance of this issue should not be underrated. Emergency actions for spill response or other potential incidents require accurate sewer maps. In addition, many sanitary sewer manholes have storm drain lids, and vice versa. RAFB should correct these problems to prevent confusion in emergency situations. Visual inspection of the hazardous waste collection point between buildings 48 and 847, and the associated sewer system revealed a possible connection to the sanitary sewer of the floor drains in this facility. There are also hoses in this storage shed. RAFB should insure that any connections to the sanitary sewer from the floor drains are eliminated. Spill containment should be used in such a facility, rather than having open connections to the sewer system. It should be noted that OEBW did not try to confirm a connection between the floor drains and the sewer because the gates to the facility were locked. The floor drains can be tested by allowing a water hose to run into them and observing if the water flows out, and if so, to where it drains.

The grease trap outside the Burger Bar is missing an effluent pipe, which would prevent solids from leaving the trap. The pipe should be an elbow which allows water to drain from the bottom of the trap. As it is now, the grease and other solids on top of the water are freely flowing out of the trap into the sanitary sewer. This could be a contributing factor to high COD values.

RAFB expressed concern with two phthalate compounds commonly detected in the wastewater. Research into the use of these chemicals (bis(2-ethylhexyl)phthalate and diethyl phthalate) indicate that they are plasticizing compounds found in plastics, rubbers, dyes, perfumes, cosmetics, and various other products. Contamination can come from drinking water lines, sample collection media, and laboratory apparatus among other things. The levels found in the RAFB sanitary sewer water are not significant and these compounds are readily degraded in sewage treatment plants.

The OWS at the new hush house on the north side of the base was under about a foot of water, and was not sampled. The nearby manhole showed visible fuel products on the surface of the water, indicating that this OWS needs servicing, and might not be working.

QA/QC results show that sampling procedures did not contribute significant contamination to the samples, and that laboratory results are reliable. Other observations noted during the survey are listed below:

- There is a sanitary sewer lid on a storm drain manhole by the OWS near Bldg. 5.
- The sewer confluence from the north housing area and the line coming from vehicle maintenance was backed up toward vehicle maintenance (Bldg. 171).
- The separator pit on the North side of Building 171 (Separator 171 #1) was filled with about one foot of water
- The manhole behind the Dining Hall/Culinary Upgrade (CUP) School, down line from the grease trap by the CUP school, is below grade and has a storm sewer lid.
- The cleanout plug by the flight kitchen has a pop can jammed down inside of it.

#### Water Conservation

Water conservation is becoming an increasingly important topic. San Antonio and the surrounding area are realizing the influence that threatened or diminished water supplies can have on a base or community. The necessity to properly manage precious water resources is apparent, and the Air Force should take the lead in developing and implementing positive and resourceful plans to minimize water loss and waste, and maximize the efficient use of water.

During this survey, OEBW identified several instances of unexemplary water use. Several locations were watering lawns during the daytime, notably between the hours of 1000 and 1600. The San Antonio Water System recommends that sprinkler watering *not* be conducted between the hours of 1000 and 2000. Much of the water will evaporate due to the sun and high temperatures. Watering by hand, drip systems, or large buckets is acceptable at any time of the day.

The NCO-Club, O-Club, Dining Hall, ball fields, and several housing units were among those locations where sprinklers were running during peak heat and sun hours of the day. In some cases, several sprinklers were operating at a location, and were not moved during the several hours that OEBW was on location performing the survey. OEBW recognizes that at the time of this survey, neither voluntary nor mandatory water conservation procedures were in effect. However, efficient year-round watering can prevent the occurrence of water conservation mandates.

## CONCLUSIONS

Based on the information gathered during this survey, the most significant problems with the sanitary sewer for Randolph Air Force Base include infiltration/inflow, high COD, and the presence of metals in the wastewater. The COD levels in the base effluent were at no time during this survey above the IWO limit. Some potential sources of high COD include NDI operations, food preparation facilities, and washrack wastewater. The IWO limit of 625 mg/L is lower than what is considered medium strength domestic waste, and there will likely be occasional exceedances of this limit that are unavoidable and unattributable to industrial operations.

Rainfall and sewer flow data indicate a significant problem with infiltration and inflow to the sanitary sewer. This problem is costing RAFB more than the occasional COD limit violations, especially during years of above average rainfall. This problem also poses a more significant threat to WWTP operations, and is considered more important than the COD violations to the CCMA staff.

The IWO limits for metals are unreasonably low, and it is likely that many of the values should be in mg/L rather than ug/L. With the limits set as they are now, RAFB will always violate several of them.

#### RECOMMENDATIONS

#### Stormwater Infiltration/Inflow

The most costly problem for RAFB is the infiltration/inflow problem with the sanitary sewers. Rainwater should be prevented from entering the sanitary sewer wherever feasible. Connections between the storm and sanitary sewers should be eliminated wherever possible, including OWSs and deteriorating manholes and sewer lines. Washracks should be covered, and the surrounding apron areas sloped away from the washrack drains.

Decrepit sewer lines and manholes should be repaired or replaced. Lackland AFB has a "Reveal and Seal" team that will send a video camera through sewer lines to detect breakages. Armstrong Laboratory has both in-house and contract capabilities for detecting infiltration/inflow problems and locations.

#### High COD Levels

RAFB should request that the NDI facility increase the time allowed for products to drip the dye compounds before they are rinsed. Food preparation facilities should eliminate as much solid food disposal to the sanitary sewer as possible. The grease trap outside of the Burger Bar needs to be repaired to prevent oils and greases from entering the sewer. RAFB should send a split sample of the water collected by CCMA for a COD sample to Armstrong Laboratory, or another certified laboratory for comparative analysis.

#### <u>Metals</u>

Of great importance to RAFB should be reviewing and amending the effluent limits for metals in the IWO. RAFB should strive to reduce individual metals contamination as much as possible. For example, one possible source of molybdenum is in a corrosion inhibiting product, sodium molybdate, often used in cooling towers. RAFB should investigate use of this product, and substitute an alternate corrosion inhibitor.

## **OWS Operation and Maintenance**

As indicated in the section above, shops using OWSs should enforce procedures to minimize and eliminate oil from entering the wastewater stream wherever possible. Procedures for doing this include the use of drip pans and absorbents to capture the oils, greases, and fuels, rather than washing it off. Also, the use of detergents and solvents should be minimized. A proper OWS should be installed at the Refueling Truck Maintenance shop, and the OWSs at Vehicle Maintenance should be properly serviced, and perhaps replaced or rerouted to a larger OWS. The OWS at the new hush house needs to be serviced, and placed on the routine maintenance contract.

## IWO Compliance

Besides the recommendations above for COD and Metals, RAFB does not appear to have other significant problems with the base effluent. The detection of Lindane in the North sewer lines on one day might be reason for RAFB to review the pesticides operations and management procedures to insure that these compounds are not being introduced into the sanitary sewer.

#### **Water Conservation**

RAFB should implement a program to encourage water conservation, and minimize daytime sprinkler watering. As a rule of thumb, grass does not need to be watered if it "bounces back" when one steps on it. Sprinkler watering should be conducted before 1000 hours or after 2000 hours.

#### **General Recommendations**

RAFB should update their G-2 and G-3 base maps to reflect the actual systems in place. Updated maps are essential for emergency response. Included in updating these maps should be the numbering of all manholes, so that they can be quickly identified by emergency response and maintenance personnel. The G-5 map locating OWSs also needs to be updated.

## REFERENCES

1. Binovi, Robert D. USAFOEHL REPORT 85-164EQ163KSC, Randolph Wastewater Study, Randolph AFB TX, (October 1985).

2. Geo-Marine, Inc. Phase II Preliminary Evaluation of Air Force Base Wastewater Treatment Systems; Randolph Air Force Base, (September 1994).

3. Cibolo Creek Municipal Authority. Industrial Waste Order, Board of Directors Order 1991-1, (February 1991).

# APPENDIX A

Site Location Map



# APPENDIX B

# **Complete Analytical Results**

# RANDOLPH AFB, TEXAS WASTEWATER CHARACTERIZATION SURVEY: 12 MAY - 19 MAY 1995 BASE EFFLUENT

						COLLECTION DATE	
GROUP A & B ANALYTES (mg/L)	FRI, 12 MAY 1995	SAT, 13 MAY 1995	SUN, 14 MAY 1995	MON, 15 MAY 1995	TUES, 16 MAY 95	WED, 17 MAY 95	THU, 18 MAY 95 269/407*
Chemical Oxygen Demand	218	338	407	371 41.2	284	379	53.6/60.8*
Oil and Grease	912 848	56 28.8	99.2	41.2	92	44	27.2/36.4*
Total Petroleum Hydrocarbon 5 Day Biological Oxygen Demand	265		Not Accomplished	Not Accomplished		olved oxygen after 5	
o Day Booglear Oxygen Demand	100000000000000000000000000000000000000		(tot) totompionou				
GROUP D ANALYTES (mg/L)							
Cyanide	0.005	0.006	0.006	<0.005	0.012	0.006	0.006/0.008*
GROUP E ANALYTES (ug/L)					·		
Phenois	66	111	44	73	63	37	60/40*
GROUP F ANALYTES (mg/L) Aluminum	2.62	0.94	4.71	4.94	3.27	4.64	3.65/6.59*
Antimony	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	0.015/<0.006*
Arsenic	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010/<0.010*
Barium	0.183	0.115	0.252	0.257	0.245	0.341	0.306/0.537*
Beryllium	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004/<0.004*
Cadmium	0.004	0.003	0.004	0,003	0.001	0.002	0.002/0.003*
Total Chromium	<0.010	<0.010	0.01		<0.010	0.011	0.011/0.027*
Cobalt	<0.050	<0.050	<0.050	<0.050 0.189	<0.050	<0.050	0.256/0.443*
Copper	0.158	0.428	1.79	1.98	1.43	2.63	3.12/7.61*
Iron Lead	0.035	0.008	0.025	0.045	0.025	0.044	0.049/0.081*
Manganese	0.034		0.03	0.036		0.04	0.034/0.060*
Mercury	0.0006		0.0006	0.003		0.0006	0.004/0.002*
Molybdenum	<0.030	<0.030	<0.030	<0.030	<0.030	0,033	0.037/0.043*
Nickel	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	K0.030/0.074*
Selenium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010/<0.010*
Silver	0.02		0.012	0:016	<0.010	0.018	0.025/0.063*
Thallium	<0.002	<0.002 <0.050	<0.002	<0.002	<0.002 <0.050	<0.002 <0.050	<0.002/<0.002* <0.050/<0.050*
Titanium	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050/<0.050*
Vanadium Zinc	<0.050 0.208	0.1	0.291	0.28	0.238	0.396	0.354/0.676*
200							
Group G (mg/L)							
Total Dissolved Solids (TDS)	444	850	510	408	464	625	420/340*
ON SITE ANALYSES							
pH (units)	6.8	6.8	6.8	6.2	7	6.5	6.5
Temperature (°F)	65	66	64	66	72		72
	CN950220	CN950230	CN950233	CN950236,CN950237	CN950240,CN950241	CN950245	CN950263/CN950254*
SAMPLE NUMBERS	CN950220	011930230	011350255	011350250,011350257	011350240,011350241	011000240	CN950262/CN950253*
EPA METHOD 8021	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	
VOLATILE COMPOUNDS (ug/L)	FRI, 12 MAY 1995	SAT, 13 MAY 1995	OTHE AA MANY 400F	MONT OF MANY ADDE		WED, 17 MAY 95	THUL 40 MAN OF
	FRI, 12 MAT 1335	SAT, 15 MAT 1995	SUN, 14 MAY 1995	MON, 15 MAY 1995	TUES, 16 MAY 95	WED, 17 MIAT 35	THU, 18 MAY 95
Benzene	<1.0	<1.0	<1.0	<1.0	<1.0	<2	<1.0<2*
Benzyl Chloride	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<2 <2	<1.0<2* <1.0<2*
Benzyl Chloride Bromobenzene	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0	<2 <2 <2	<1.0<2* <1.0<2* <1.0<2*
Benzyl Chloride Bromobenzene Bromodichloromethane	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<2 <2 <2 <2 <2	<1.0<2* <1.0<2* <1.0<2* <1.0<2*
Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<2 <2 <2 <2 <2 <2 <2 <2	<1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2*
Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform Bromomethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<2 <2 <2 <2 <2	<1.0<2* <1.0<2* <1.0<2* <1.0<2*
Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<2 <2 <2 <2 <2 <2 <2 <2 <2 <2	<1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2*
Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <	<1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2*
Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorobenzene Chlorobenmethane Chloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	42 42 42 42 42 42 42 42 42 42 42 42 42 4	<1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2*
Benzyl Chloride Bromobenzene Bromodichloromethane Bromonethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chloroethane Chloroform	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	42 42 42 42 42 42 42 42 42 42 42 42 42 42 42 42 42 42 42 42	<1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2*
Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform Bromonethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorothane Chlorothane Chlorothane 2-Chlorothylvinyl Ether	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	42 42	<1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2*
Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chloroform 2-Chlorethylvinyl Ether Chloromethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	42 42 42 42 42 42 42 42 42 42 42 42 42 4	<1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2*
Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chloroform 2-Chlorethylinyl Ether Chloromethane Chlorodibromomethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	42 42	<1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2*
Benzyl Chloride Bromobenzene Bromodichloromethane Bromonethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chlorethylvinyl Ether Chloromethane Chloromethane Chlorodibromomethane Dibromomethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<2	<1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2*
Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chloroform 2-Chlorethylinyl Ether Chloromethane Chlorodibromomethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	42 42 42 42 42 42 42 42 42 42 42 42 42 4	<1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2*
Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform Bromonethane Carbon tetrachloride Chlorodibromomethane Chloroethane Chloroethane Chloroethylvinyl Ether Chlorodibromomethane Chlorodibromomethane Dibromomethane 1,2-Dichlorobenzene	<1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	2       2 <t< td=""><td>&lt;1.0&lt;2* &lt;1.0&lt;2*</td></t<>	<1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2*
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&lt;1.0&lt;2*</td></t<>	<1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* <1.0<2* 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	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE
EPA METHOD 606/625 (ug/L)	FRI, 12 MAY 1995	SAT, 13 MAY 1995	SUN, 14 MAY 1995	MON, 15 MAY 1995	TUES, 16 MAY 95	WED, 17 MAY 95	THU, 18 MAY 95
Acenaphthene	<10	<10	<10	<10	<10	<10	<10/<10*
Acenaphthylene	<10	<10	<10	<10	<10	<10	<10/<10*
Anthracene	<10	<10	<10	<10	<10	<10	<10/<10*
Benzidine	<50	<50	<50	<50	<50	<50	<50/<50*
Benzo(a)anthracene	<10	<10	<10	<10	<10	<10	<10/<10*
Benzo(b)fluoranthene	<10	<10	<10	<10	<10	<10	<10/<10*
Benzo(k)fluoranthene	<10	<10	<10	<10	<10	<10	<10/<10*
Benzo(a)pyrene	<10	<10	<10	<10 <10	<10 <10	<10 <10	<10/<10* <10/<10*
Benzo(ghi)perylene	<10 <10	<10 <10	<10 <10	<10	<10	<10	<10/<10*
Benzyl butyl phthalate Bis(2-chloroethyl)ether	<10	<10	<10	<10	<10	<10	<10/<10*
Bis(2-chloroethoxy)methane	<10	<10	<10	<10	<10	<10	<10/<10*
Bis(2-ethylhexyl)phthalate	150	12	57	51	65	60	100-520/112-120*
Bis(2-chloroisopropyl)ether	<10	<10	<10	<10	<10	<10	<10/<10*
4-Bromophenyl phenyl ether	<10	<10	<10	<10	<10	<10	<10/<10*
2-Chloronaphthalene	<10	<10	<10	<10	<10	<10	<10/<10*
4-Chiorophenyl phenyl ether	<10	<10	<10	<10	<10	<10	<10/<10*
Chrysene	<10	<10	<10	<10	<10	<10	<10/<10*
Dibenzo(a,h)anthracene	<10	<10	<10	<10	<10	<10	<10/<10*
Di-n-butylphthalate	<10	<10	<10	<10	<10		<10/<10*
1,2-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10/<10*
1,3-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10/<10*
1,4-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10/<10*
3,3-Dichlorobenzidine	<20	<20	<20	<20	<20	<20	<20/<20*
Diethyl phthalate	14	12	15	17	14	16	18/17-18*
Dimethyl phthalate	<10	<10	<10	<10 <10	<10 <10	<10 <10	<10/<10* <10/<10*
2,4-Dinitrotoluene	<10 <10	<10 <10	<10 <10	<10	<10	<10	<10/<10*
2,6-Dinitrotoluene Di-noctyl phthalate	<10	<10	<10	<10	<10	<10	<10/<10*
Fluoranthene	<10	<10	<10	<10	<10	<10	<10/<10*
Fluorene	<10	<10	<10	<10	<10	<10	<10/<10*
Hexachlorobenzene	<10	<10	<10	<10	<10	<10	<10/<10*
Hexachlorobutadiene	<10	<10	<10	<10	<10	<10	<10/<10*
Hexachlorocyclopentadiene	<10	<10	<10	<10	<10	<10	<10/<10*
Hexachloroethane	<10	<10	<10	<10	<10	<10	<10/<10*
Indeno(1,2,3-cd)pyrene	<10	<10	<10	<10	<10	<10	<10/<10*
Isophorone	<10	<10	<10	<10	<10	<10	<10/<10*
Naphthalene	<10	<10	<10	<10	<10	<10	<10/<10*
Nitrobenzene	<10	<10	<10	<10	<10	<10	<10/<10*
N-Nitrosodimethylamine	<10	<10	<10	<10	<10	<10	<10/<10*
N-Nitrosodi-n-propylamine	<10	<10	<10	<10 <10	<10 <10	<10 <10	<10/<10* <10/<10*
N-Nitrosodiphenylamine	<10 <10	<10 <10	<10 <10	<10 <10	<10	<10	<10/<10*
Phenanthrene Pyrene	<10	<10	<10	<10	<10	<10	<10/<10*
1.2.4-Trichlorobenzene	<10	<10	<10	<10	<10	<10	<10/<10*
4-Chloro-3-methylphenol	<10	<10	<10	<10	<10	<10	<10/<10*
2-Chlorophenol	<10	<10	<10	<10	<10	<10	<10/<10*
2,4-Dichlorophenol	<10	<10	<10	<10	<10	<10	<10/<10*
2,4-Dimethylphenol	<10	<10	<10	<10	<10	<10	<10/<10*
2,4-Dinitrophenol	<50	<50	<50	<50	<50	<50	<50/<50*
2-Methyl-4,6-dinitrophenol	<50	<50	<50	<50	<50	<50	<50/<50*
2-Nitrophenol	<10	<10	<10	<10	<10	<10	<10/<10*
4-Nitrophenol	<50	<50	<50	<50	<50	<50	<50/<50*
Pentachiorophenol	<50	<50	<50	<50	<50	<50	<50/<50*
Phenol	26	17	35		<10		<10/<10*
2,4,6-Trichlorophenol	<10	<10	<10	<10	<10	<10	<10/<10*
		01000000	01050005	GN950239	GN950243	01050047	
SAMPLE NUMBER	GN950222	GN950231	GN950235	GN920239	GIN900243	GN950247	GN950250/GN950265
	GN950225	L	I				GN950256*/GN950259*

# **RANDOLPH AFB. TEXAS**

\* Duplicate Sample Results

# RANDOLPH AFB, TEXAS WASTEWATER CHARACTERIZATION SURVEY: 12 MAY - 19 MAY 1995 BASE EFFLUENT

	COLLECTION DAT	COLLECTION DAT	COLLECTION DATE		COLLECTION DAT	COLLECTION DAT	COLLECTION DAT
EPA METHOD 615 (ug/L)	FRI, 12 MAY 1995	THU, 18 MAY 95	THU, 18 MAY 95	EPA METHOD 608 (ug/L)	SAT, 13 MAY 1995	THU, 18 MAY 95	THU, 18 MAY 95
2.4-D	<1.2	<1.2	<1.2*	Heptachlor Epoxide	<4.2	<4.15	<4.15*
2.4-DB	<0.91	<0.91	<0.91*	Aldrin	<0.20	<0.20	<0.20*
Dalapon	<5.8	<5.8	<5.8*	alpha-BHC	<0.15	<0.15	<0.15*
Dicamba	<0.27	<0.27	<0.27*	beta-BHC	<0.3	<0.30	<0.30*
Dichloroprop	<0.65	<0.65	<0.65*	delta-BHC	<0.45	<0.45	<0.45*
Dinoseb	<0.07	<0.07	<0.07*	Lindane (gamma-BHC)	<0.15	<0.15	<0.15*
MCPA	<249	<249	<249*	Chlordane	<0.7	<0.70	<0.70*
MCPA	<192	<192	<192*	4,4' DDD	<0.55	<0.55	<0.55*
	<0.17	<0.17	<0.17*	4,4' DDE	<0.20	<0.20	<0.20*
Silvex	<0.20	<0.2	<0.2*	p,p-DDT	<0.60	<0.06	<0.06*
2,4,5-T	<0.20	<b>40.2</b>	~0.Z	Dieldrin	<0.10	<0.10	<0.10*
	GN950227	GN950252	GN950261*	Endosulfan I	<0.70	<0.7	<0.7*
SAMPLE NUMBERS	GN950227	GN950252	GIN350201		<0.20	<0.2	<0.2*
				Endosulfan II		<3.30	<3.30*
EPA METHOD 624	COLLECTION DAT		COLLECTION DAT	Endosulfan Sulfate	<3.3		<0.30*
VOLATILE COMPOUNDS (ug/L)	FRI, 12 MAY 1995	THU, 18 MAY 95	THU, 18 MAY 95	Endrin	<0.30	<0.30	
Benzene	<5	<5	<5*	Endrin Aldehyde	<1.15	<1.15	<1.15*
Benzyl Chloride	<5	<5	<5*	Heptachlor	<0.15	<0.15	<0.15*
Bromobenzene	<5	<5	<5*	Texaphene	<5	<5	<5*
Bromodichloromethane	<5	<5	<5*	Aroclor 1016	<5	<5	<5*
Bromoform	<5	<5	<5*	Aroclor 1221	<5	<5	<5*
Bromomethane	<5	<5	<5*	Aroclor 1232	<5	<5	<5*
Carbon tetrachloride	<5	<5	<5*	Aroclor 1242	<3.3	<3.25	<3.25*
Chlorobenzene	<5	<5	<5*	Arocior 1248	<5	<5	<5*
Chlorodibromomethane	<5	<5	<5*	Aroclor 1254	<5	<5	<5*
Chloroethane	<5	<5	<5*	Aroclor 1260	<5	<5	<5*
Chloroform	<5	<5	<5*				1
2-Chlorethylvinyl Ether	<5	<5	<5*	SAMPLE NUMBER	GN950223	GN950248	GN950257*
Chloromethane	<5	<5	<5*				
Chlorodibromomethane	<5	<5	<5*	1			
Dibromomethane	<5	<5	<5*				
1,2-Dichlorobenzene	<5	<5	<5*	1			
1.3-Dichlorobenzene	<5	<5	<5*	1			
1,3-Dichlorobenzene	<5	<5	<5*				
	<5	<5	<5*				
Dichlorodifluoromethane	<5	<5	<5*				
1,1-Dichloroethane	<5	<5	<5*				
1,2-Dichloroethane		<5	~5 <5*	1			
1,1-Dichloroethene	<5	<5	<5*	4			
Trans-1,2-Dichloroethene	<5			1			
1,2-Dichloropropane	<5	<5	<5*	ł			
Cis-1,3-Dichloropropene	<5	<5	<5*	1			
Trans-1,3-Dichloropropene	<5	<5	<5*	4			
Ethyl Benzene	<5	<5	<5*	1			
Methylene Chloride	<5	<5	<5*	4			
1,1,1,2-Tetrachloroethane	<5	<5	<5*	1			
1,1,2,2-Tetrachloroethane	<5	<5	<5*				
Tetrachloroethylene	<5	<5	<5*	1			
Toluene	<5	20.4	26.8*	1			
1,1,1-Trichloroethane	<5	<5	<5*				
1,1,2-Trichloroethane	<5	<5	<5*				
Trichloroethylene	<5	<5	<5*	]			
Trichlorofluoromethane	<5	<5	<5*	]			
1,2,3-Trichloropropane	<5	<5	<5*	1			
Vinyl Chloride	<5	<5	<5*	1			
o-Xylene	<5	<5	<5*	1			
m-Xylene	<5	<5	<5*	1			
p-Xylene	<5	<5	<5*	1			
SAMPLE NUMBER	GN950224	GN950249	GN950258	1			
	011000224	0.1000240	0.1900200	I			

			OLPH AFB, '			
	WASTEWAT	ER CHARACTE	RIZATION SUP	RVEY: 10 MAY -	16 MAY 1995	
	O Club,	<b>Bowling All</b>	ey, High Scl	nool and Bui	rger Bar	
		O Club			Bowling Alley	
	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE
GROUP A & B ANALYTES (mg/L)	FRI, 12 MAY 1995	SAT, 13 MAY 1995	SUN, 14 MAY 1995	FRI, 12 MAY 1995	SAT, 13 MAY 1995	SUN, 14 MAY 1995
Chemical Oxygen Demand	254		710	237	370	
Oil and Grease	55.2	17.76	17.4	64.8	143.2	244
5 Day Biological Oxygen Demand	168	319	Not Accomplished			
Group G (mg/L)						
Total Dissolved Solids (TDS)	461	321	986	756	1336	1208
ON SITE ANALYSES						
pH (units)	7.2	7	6.8	6.8	6.4	6.8
Temperature (°F)	82	68	104	62	63	67
SAMPLE NUMBERS	CN950213	CN950214	CN950215	CN950216	CN950217	CN950218
-					Dunman Dan	
		H SCHOOL RESI			Burger Bar	
	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE
GROUP A & B ANALYTES (mg/L)	TUES, 16 MAY 95	WED, 17 MAY 95	THUR, 18 MAY 95	TUES, 16 MAY 95	WED, 17 MAY 95	THUR, 18 MAY 95
Chemical Oxygen Demand	191	156	422	174	237	
Oil and Grease	19.6	8.56	38.2	15.2	34.4	300.8
GROUP E ANALYTES (ug/L)						
Phenols	37	34	17	Not Requested	Not Requested	Not Requested
GROUP F ANALYTES (mg/L)						
Aluminum	0.303	0.08	0.223			
Antimony	<0.006	<0.006	<0.006			
Arsenic	<0.010	<0.010	<0.010	· · · · · · · · · · · · · · · · · · ·		
Barium	0.116	0.12	0.104			
Beryllium	<0.004	<0.004	<0.004			
Cadmium	<0.0001	<0.0001	<0.0001			
Total Chromium	<0.010	<0.010	0.016			
Cobalt	<0.050	<0.050	<0.050			
Copper	0.428	0.085	0.081 0.528			
Iron	0.506	0.362				
Lead		<0.020	0.115			
Manganese	<0.030	<0.030 <0.0002	<0.030	<u> </u>		
Mercury	<0.0002					
Molybdenum	<0.030	< 0.030	<0.030 <0.030		· · · · · · · · · · · · · · · · · · ·	
Nickel	<0.030	<0.030 <0.010	<0.030			
Selenium	<0.010	<0.010	<0.010			
Silver	<0.010	<0.002	<0.002	h		
Thallium The sum	<0.002	<0.002	<0.050			
Titanium Vanadium	<0.050	<0.050	<0.050			
Zinc	0.202	0.050	0.236			<u> </u>
			······			
Group G (mg/L)						
Total Dissolved Solids (TDS)	1024	488	832	572	612	412
ON OFF ANALYOFS		L				
ON SITE ANALYSES	7	6.5		7	7	
pH (units) Temperature (°C)	68	0.5	64			64
SAMPLE NUMBERS	CN950289, CN950290	CN950291, CN950292	CN950293, CN950294	CN950266	CN950267	CN950268

1			OLPH AFB, T			
Officer & N			ERIZATION SURV I, NCO Club &			1
		FICER HOUSING A			TH HOUSING AR	FΔ
	COLLECTION DATE			COLLECTION DATE	COLLECTION DATE	COLLECTION DATE
GROUP A & B ANALYTES (mg/L)	FRI, 12 MAY 95	SAT, 13 MAY 95	SUN, 14 MAY 95	FRI, 12 MAY 95	SAT, 13 MAY 95	SUN, 14 MAY 95
Chemical Oxygen Demand	241			274	389	269
Oil and Grease	16.3			26.5 6.5	56.4	42.4
Total Petroleum Hydrocarbon 5 Day Biological Oxygen Demand	Not Requested Not Accomplished	6.5 Not Accomplished	8.4 Not Accomplished	278		Not Accomplished
5 Day Boogkar Oxygen Demand		inter rices inplicated	rider ideon piblica			
GROUP E ANALYTES (ug/L)						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Phenois	70	50	73	68	68	62
Group G (mg/L) Total Dissolved Solids (TDS)	388	468	506	506	904	500
ON SITE ANALYSES				7.6	7.1	6.6
pH (units) Temperature (°F)	<u>6.4</u> 64	7.1	6.4	65	68	66
						-
SAMPLE NUMBERS	CN950210	CN950211	CN940212	CN950204	CN950205	CN950206
	<b>{</b>	NOO Oliste			Dining Hall	
	COLLECTION DATE	NCO Club	COLLECTION DATE	COLLECTION DATE	Dining Hall COLLECTION DATE	COLLECTION DATE
GROUP A & BANALYTES (mg/L)	FRI, 12 MAY 1995	SAT, 13 MAY 1995	SUN, 14 MAY 1995	FRI, 12 MAY 1995	SAT, 13 MAY 1995	MON, 15 MAY 1995
Chemical Oxygen Demand	246		289	620/720*	2000	360
Oil and Grease	26.7	11.3	23.8	64.8/56*	148	528
GROUP E ANALYTES (ug/L)	<u> </u>				······	
Phenois	Not Requested	Not Requested	Not Requested	58/63*	40	29
Group G (mg/L)	1169	336	2000	640/644*	490	720
Total Dissolved Solids (TDS)	1169	330	2000	040/044		120
ON SITE ANALYSES						
pH (units)	6.4	6.6	and the second se	<b>4.5</b> 67	6.2	6.2 78
Temperature (°F)	64	63	/0	67	/3	10
SAMPLE NUMBERS	CN950207	CN950208	CN950209	CN950200/CN950201*	CN950202	CN950203
			l			
		If Course Maintena	ance*		Maintenance*	
	COLLECTION DATE THU, 18 MAY 95	COLLECTION DATE THU, 18 MAY 95	EPA METHOD 615 (ug/L)	COLLECTION DATE THU, 18 MAY 95	COLLECTION DATE THU, 18 MAY 95	
GROUP A & B ANALYTES (mg/L) Chemical Oxygen Demand	THU, 18 MAT 35		2,4-D	<1.2	<1.2	
Oil and Grease		No Requested	2,4-DB	<0.91	<0.91	
Total Petroleum Hydrocarbon	6.4	No Requested	Dalapon	<5.8	<5.8	
GROUP D ANALYTES (mg/L)			Dicamba Dichloroprop	<0.27 <0.65	<0.27 <0.65	
Cyanide	0.005	0.012				
		4 0.012	Dinoseb	<0.07	<0.07	
	· · · · · · · · · · · · · · · · · · ·	0.012	MCPA	<0.07 <249	<0.07 <249	
GROUP E ANALYTES (ug/L)	210		MCPA MCPP	<0.07 <249 <192	<0.07 <249 <192	
	<10		MCPA MCPP Silvex	<0.07 <249	<0.07 <249	
GROUP E ANALYTES (ug/L)		62	MCPA MCPP Silvex 2,4,5-T	<0.07 <249 <192 <0.17 <0.2	<0.07 <249 <192 <0.17 <0.2	
GROUP E ANALYTES (ug/L) Phenois GROUP F ANALYTES (mg/L) Aluminum	0.176	62	MCPA MCPP Silvex 2,4,6-T SAMPLE NUMBER	<0.07 <249 <192 <0.17	<0.07 <249 <192 <0.17	
GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (mg/L) Aluminum Antimony		62	MCPA MCPP Silvex 2,4,6-T SAMPLE NUMBER	<0.07 <249 <192 <0.17 <0.2	<0.07 <249 <192 <0.17 <0.2	
GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium	0.176 <0.006 <0.010 0.108	62 1.56 0.008 <0.010 0.237	MCPA MCPP Silvex 2.4.5-T SAMPLE NUMBER EPA METHOD 606 (ug/L)	<0.07 <249 <192 <0.17 <0.2 GN950385	<0.07 <249 <192 <0.17 <0.2 GN950387	
GROUP E ANALYTES (ug/L) Phenois GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Beryllium	0.176 <0.006 <0.010 0.108 <0.004	62 1.56 0.008 <0.010 0.237 <0.004	MCPA MCPP Silvex 2,4,5-T SAMPLE NUMBER EPA METHOD 608 (ug/L) Heptachlor Epoxide	<0.07 <249 <192 <0.17 <0.2 GN950385 <0.83	<0.07 <249 <192 <0.17 <0.2 GN950387 <0.83	
GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Beryllium Cadmium	0.176 <0.006 <0.010 0.108 <0.004 <0.001	62 1.56 0.008 <0.010 0.237 <0.004	MCPA MCPP Silvex 2,4,5-T SAMPLE NUMBER EPA METHOD 608 (ug/L) Heptachlor Epoxide Aldrin	<0.07 <249 <192 <0.17 <0.2 GN950385	<0.07 <249 <192 <0.17 <0.2 GN950387	
GROUP E ANALYTES (ug/L) Phenois GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Beryllium	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.001 <0.010 <0.010	<pre></pre>	MCPA MCPP Silvex 2.4.5-T SAMPLE NUMBER EPA METHOD 608 (ug/L) Heptachlor Epoxide Aldrin alpha-BHC beta-BHC beta-BHC	<0.07 <249 <192 <0.17 <0.2 GN950385 <0.83 <0.04 <0.04 <0.06	<0.07 <249 <192 <0.17 <0.2 GN950387 <0.83 <0.04 <0.03 <0.06	
GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Beryllium Cadmium Total Chromium Cobalt Copper	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.010 <0.010 <0.050	<pre>62</pre>	MCPA MCPP Silvex 2,4,5-T SAMPLE NUMBER EPA METHOD 808 (ug/L) Heptachlor Epoxide Aktrin alpha-BHC beta-BHC delta-BHC	<0.07 <249 <192 <0.17 <0.2 GN950385 <0.83 <0.04 <0.03 <0.04 <0.09	<0.07 <249 <192 <0.17 <0.2 GN950387 	
GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Beryllium Ccadmium Total Chromium Cobalt Copper Iron	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.050 0.723 0.723	<pre>62 1.56 0.008 &lt;0.010 0.237 &lt;0.004 &lt;0.010 &lt;0.004 &lt;0.010 &lt;0.050 0.086 3.15</pre>	MCPA MCPP Silvex 2.4,5-T SAMPLE NUMBER EPA METHOD 808 (ug/L) Heptachlor Epoxide Akirin alpha-BHC beta-BHC delta-BHC Lindane (gamma-BHC)	<0.07 <249 <192 <0.17 <0.2 GN950385 <0.83 <0.04 <0.03 <0.06 <0.09 <0.03	<0.07 <249 <192 <0.17 <0.2 GN950387 <0.83 <0.04 <0.03 <0.06	
GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Beryllium Cadmium Total Chromium Cobalt Copper	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.050 0.723 <0.020 0.031	1.56     0.008 <ul> <li>0.008</li> <li>0.004</li> <li>0.004</li> <li>0.004</li> <li>0.006</li> <li>0.086</li> <li>3.15</li> <li>0.078</li> <li>0.131</li> <li>0.131</li> </ul>	MCPA MCPP Silvex 2,4,5-T SAMPLE NUMBER EPA METHOD 608 (ug/L) Heptachlor Epoxide Aldrin alpha-BHC beta-BHC delta-BHC delta-BHC Lindane (gamma-BHC) Chlordane 4,4' DDD	<0.07 <249 <192 <0.17 <0.2 GN950385 <0.83 <0.04 <0.03 <0.09 <0.03 <0.14 <0.11	<0.07 <249 <192 <0.17 <0.2 GN950387 <0.83 <0.04 <0.03 <0.04 <0.03 <0.09 <0.03 <0.14 <0.11	
GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Generation Beryllium Cobalt Copper Iron Lead Manganese Mercury	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.010 <0.010 <0.050 0.723 <0.020 0.031 <0.001	<pre></pre>	MCPA MCPP Silvex 2,4,5-T SAMPLE NUMBER EPA METHOD 608 (ug/L) Heptachlor Epoxide Aldrin alpha-BHC beta-BHC beta-BHC delta-BHC Lindane (gamma-BHC) Chlordane 4,4' DDE	<0.07 <249 <192 <0.17 <0.2 GN950385 <0.83 <0.04 <0.03 <0.06 <0.09 <0.03 <0.14 <0.11 <0.04	<0.07 <249 <192 <0.17 <0.2 GN950387 	
GROUP E ANALYTES (ug/L) Phenois GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Beryllium Codalt Copper Iron Lead Manganese Mercury Molybdenum	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.050 0.723 <0.020 0.031 <0.031 <0.031	<pre>62</pre>	MCPA MCPP Silvex 2.4,5-T SAMPLE NUMBER EPA METHOD 606 (ug/L) Heptachlor Epoxide Aldrin alpha-BHC beta-BHC Lindane (gamma-BHC) Chlordane 4.4 DDD 4.4 DDD P,PDDT	<0.07 <249 <192 <0.17 <0.2 GN950385 <0.83 <0.04 <0.03 <0.06 <0.09 <0.03 <0.14 <0.11 <0.12	<0.07 <249 <192 <0.17 <0.2 GN950387 <0.83 <0.04 <0.03 <0.06 <0.09 <0.03 <0.14 <0.11 <0.12	
GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Generation Beryllium Cobalt Copper Iron Lead Manganese Mercury	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.010 <0.010 <0.050 0.723 <0.020 0.031 <0.001	<pre></pre>	MCPA MCPP Silvex 2,4,5-T SAMPLE NUMBER EPA METHOD 608 (ug/L) Heptachlor Epoxide Aldrin alpha-BHC beta-BHC beta-BHC delta-BHC Lindane (gamma-BHC) Chlordane 4,4' DDE	<0.07 <249 <192 <0.17 <0.2 GN950385 <0.83 <0.04 <0.03 <0.06 <0.09 <0.03 <0.14 <0.11 <0.04	<0.07 <249 <192 <0.17 <0.2 GN950387 	
GROUP E ANALYTES (ug/L) Phenois GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Beryllium Codati Codopter Total Chromium Cobalt Coopper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Sikver	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.010 <0.050 0.723 <0.020 0.031 <0.031 <0.030 <0.030 <0.030 <0.030 <0.010 <0.010	62 1.56 0.008 <0.010 <0.004 <0.004 <0.004 <0.004 <0.005 <0.050 <0.050 <0.050 <0.050 <0.030 <0.030 <0.030 <0.030 <0.030 <0.010 <0.010	MCPA MCPA Silvex 2.4,5-T SAMPLE NUMBER EPA METHOD 608 (ug/L) Heptachlor Epoxide Aldrin alpha-BHC beta-BHC delta-BHC Lindane (gamma-BHC) Chlordane 4,4' DDD 4,4' DDE p,p-DDT Diektrin Endosulfan I Endosulfan II	<0.07 <249 <192 <0.17 <0.2 GN950385 <0.83 <0.04 <0.03 <0.04 <0.03 <0.06 <0.09 <0.03 <0.14 <0.04 <0.12 <0.02 <0.12 <0.02 <0.14 <0.02	<0.07 <249 <192 <0.17 <0.2 GN950387 <0.83 <0.04 <0.03 <0.04 <0.03 <0.06 <0.09 <0.03 <0.14 <0.11 <0.02 <0.02 <0.02 <0.12 <0.02 <0.14 <0.12 <0.02	
GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Beryllium Codati Copper Icon Lead Manganese Mercury Molydenum Nickel Selenlum Silver Thallium	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.050 0.723 <0.020 0.031 <0.031 <0.030 <0.030 <0.030 <0.010 <0.010 <0.002	<pre></pre>	MCPA MCPA Silvex 2.4.5-T SAMPLE NUMBER EPA METHOD 605 (ug/L) Heptachlor Epoxide Aklrin alpha-BHC beta-BHC Lindane (gamma-BHC) Chlordane 4.4' DDD p.PDDT Dieldrin Endosulfan I Endosulfan II Endosulfan II Endosulfan Sulfate	<0.07 <249 <192 <0.17 <0.2 GN950385 <0.83 <0.04 <0.03 <0.04 <0.03 <0.06 <0.09 <0.03 <0.14 <0.11 <0.12 <0.02 <0.14 <0.02 <0.14 <0.66	<0.07 <249 <192 <0.17 <0.2 GN950387 <0.83 <0.04 <0.03 <0.06 <0.09 <0.03 <0.14 <0.11 <0.14 <0.12 <0.02 <0.14 <0.02 <0.14 <0.66	
GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Beryllium Cadmium Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Thallium Titanium	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.010 <0.050 0.723 <0.020 0.031 <0.031 <0.030 <0.030 <0.030 <0.030 <0.010 <0.010	62 1.56 0.008 <0.010 <0.004 <0.004 <0.004 <0.004 <0.005 <0.050 <0.050 <0.050 <0.050 <0.030 <0.030 <0.030 <0.030 <0.030 <0.010 <0.010	MCPA MCPA Silvex 2.4,5-T SAMPLE NUMBER EPA METHOD 608 (ug/L) Heptachlor Epoxide Aldrin alpha-BHC beta-BHC delta-BHC Lindane (gamma-BHC) Chlordane 4,4' DDD 4,4' DDE p,p-DDT Diektrin Endosulfan I Endosulfan II	<0.07 <249 <192 <0.17 <0.2 GN950385 <0.83 <0.04 <0.03 <0.04 <0.03 <0.06 <0.09 <0.03 <0.14 <0.04 <0.12 <0.02 <0.12 <0.02 <0.14 <0.02	<0.07 <249 <192 <0.17 <0.2 GN950387 <0.83 <0.04 <0.03 <0.04 <0.03 <0.06 <0.09 <0.03 <0.14 <0.11 <0.02 <0.02 <0.02 <0.12 <0.02 <0.14 <0.12 <0.02	
GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Beryllium Codati Copper Icon Lead Manganese Mercury Molydenum Nickel Selenlum Silver Thallium	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.050 0.723 <0.020 0.031 <0.030 <0.030 <0.030 <0.030 <0.010 <0.010 <0.010 <0.010 <0.010 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.050 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.050 <0.030 <0.030 <0.050 <0.030 <0.050 <0.030 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0	62 1.56 0.000 0.237 0.004 0.237 0.004 0.004 0.000 0.000 0.000 0.0002 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.010 0.010 0.010 0.020 0.050 0.050	MCPA MCPA MCPP Silvex 2.4,5-T SAMPLE NUMBER EPA METHOD 808 (ug/L) Heptachlor Epoxide Akirin alpha-BHC beta-BHC delta-BHC Lindane (gamma-BHC) Chlordane 4.4' DDD 4.4' DDD HeptaChirin Endosulfan II Endosulfan II Endosulfan II Endosulfan Sulfate Endrin Aldehyde Heptachlor	<0.07 <249 <192 <0.17 <0.2 GN950385	<0.07 <249 <192 <0.17 <0.2 GN950387 <0.83 <0.04 <0.03 <0.06 <0.09 <0.03 <0.14 <0.12 <0.02 <0.14 <0.12 <0.02 <0.14 <0.04 <0.12 <0.02 <0.14 <0.04 <0.12 <0.02 <0.04 <0.04 <0.02 <0.04 <0.02 <0.04 <0.02 <0.03 <0.04 <0.02 <0.02 <0.03 <0.04 <0.02 <0.02 <0.03 <0.04 <0.02 <0.02 <0.03 <0.02 <0.03 <0.04 <0.02 <0.03 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.02 <0.03 <0.04 <0.02 <0.03 <0.02 <0.03 <0.04 <0.02 <0.03 <0.04 <0.02 <0.02 <0.03 <0.04 <0.02 <0.02 <0.02 <0.03 <0.04 <0.02 <0.02 <0.03 <0.02 <0.03 <0.04 <0.02 <0.02 <0.03 <0.04 <0.02 <0.04 <0.02 <0.03 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05	
GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Beryllium Codati Copper Iron Lead Manganese Mercury Molyddenum Nickel Selenium Sikver Thallium Tritanium Vanadium Zinc	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.050 0.050 0.031 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0	62 1.56 0.000 0.237 0.004 0.237 0.004 0.004 0.000 0.000 0.000 0.0002 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.010 0.010 0.010 0.020 0.050 0.050	MCPA MCPA MCPP Silvex 2.4.5-T SAMPLE NUMBER EPA METHOD 605 (ug/L) Heptachlor Epoxide Aldrin alpha-BHC beta-BHC delta-BHC Lindane (gamma-BHC) Chlordane 4.4' DDD 4.4' DDD Jeldrin Endosulfan I Endosulfan Sulfate Endrin Endosulfan Sulfate Endrin Endosulfan Sulfate Endrin Endosulfan Sulfate Endrin	<0.07 <249 <192 <0.17 <0.2 GN950385	<0.07 <249 <192 <0.17 <0.2 GN950387 <0.83 <0.04 <0.03 <0.06 <0.09 <0.03 <0.14 <0.11 <0.11 <0.02 <0.12 <0.02 <0.14 <0.02 <0.14 <0.02 <0.02 <0.14 <0.02 <0.02 <0.03 <1.00 <0.06 <0.03 <1.00 <0.02 <0.02 <0.02 <0.03 <1.00 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.03 <0.04 <0.02 <0.04 <0.02 <0.03 <0.04 <0.02 <0.04 <0.04 <0.02 <0.04 <0.04 <0.02 <0.04 <0.02 <0.04 <0.02 <0.04 <0.02 <0.04 <0.02 <0.04 <0.02 <0.04 <0.02 <0.04 <0.02 <0.04 <0.02 <0.04 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.03 <0.02 <0.03 <0.02 <0.02 <0.02 <0.03 <0.02 <0.02 <0.03 <0.02 <0.02 <0.03 <0.02 <0.02 <0.03 <0.02 <0.02 <0.02 <0.03 <0.02 <0.02 <0.02 <0.03 <0.02 <0.03 <0.02 <0.02 <0.02 <0.02 <0.03 <0.02 <0.03 <0.02 <0.03 <0.02 <0.03 <0.02 <0.03 <0.02 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05	
GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Beryllium Cadmium Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Sikver Thallium Thallium Thallium Vanadium Zinc Group G (mg/L)	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.050 0.050 0.031 <0.002 <0.030 <0.030 <0.010 <0.010 <0.031 <0.002 <0.030 <0.010 <0.010 <0.031 <0.002 <0.030 <0.010 <0.010 <0.031 <0.031 <0.010 <0.010 <0.031 <0.031 <0.010 <0.010 <0.031 <0.031 <0.031 <0.010 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.050 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.031 <0.035 <0.031 <0.031 <0.031 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0.035 <0	62 1.56 0.008 <0.010 <0.004 <0.010 <0.004 <0.004 <0.006 <0.050 <0.050 <0.050 <0.030 <0.030 <0.030 <0.030 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.050 <0.050 <0.050 <0.26	MCPA MCPA Silvex 2,4,5-T SAMPLE NUMBER EPA METHOD 606 (ug/L) Heptachlor Epoxide Aldrin alpha-BHC beta-BHC deta-BHC deta-BHC Chlordane 4,4' DDD 4,4' DDD 4,4' DDD 4,4' DDD Endosulfan 1 Endosulfan 11 Endosulfan 11	<0.07 <249 <192 <0.17 <0.2 GN950385 <0.83 <0.04 <0.03 <0.04 <0.09 <0.03 <0.14 <0.04 <0.11 <0.04 <0.12 <0.14 <0.04 <0.12 <0.04 <0.12 <0.04 <0.12 <0.04 <0.12 <0.04 <0.05 <0.03 <1.0 <0.04 <0.03 <0.03 <0.12 <0.04 <0.04 <0.03 <0.03 <0.12 <0.04 <0.04 <0.03 <0.03 <0.12 <0.04 <0.04 <0.03 <0.04 <0.03 <0.03 <0.12 <0.04 <0.04 <0.03 <0.04 <0.03 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.03 <0.04 <0.04 <0.03 <0.04 <0.04 <0.05 <0.04 <0.03 <0.04 <0.04 <0.02 <0.04 <0.04 <0.05 <0.04 <0.03 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.03 <0.03 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.03 <0.03 <0.03 <0.03 <0.04 <0.04 <0.04 <0.04 <0.04 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <	<0.07 <249 <192 <0.17 <0.2 GN950387 	
GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Beryllium Codaft Copper Iron Lead Manganese Mercury Molyddenum Nickel Selenlum Silver Thallium Titanium Vanadium Zinc	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.050 0.050 0.031 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0	62 1.56 0.008 <0.010 <0.004 <0.010 <0.004 <0.004 <0.006 <0.050 <0.050 <0.050 <0.030 <0.030 <0.030 <0.030 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.050 <0.050 <0.050 <0.26	MCPA MCPA MCPP Silvex 2.4.5-T SAMPLE NUMBER EPA METHOD 605 (ug/L) Heptachlor Epoxide Aldrin alpha-BHC beta-BHC delta-BHC Lindane (gamma-BHC) Chlordane 4.4' DDD 4.4' DDD Jeldrin Endosulfan I Endosulfan Sulfate Endrin Endosulfan Sulfate Endrin Endosulfan Sulfate Endrin Endosulfan Sulfate Endrin	<0.07 <249 <192 <0.17 <0.2 GN950385	<0.07 <249 <192 <0.17 <0.2 GN950387 <0.83 <0.04 <0.03 <0.06 <0.09 <0.03 <0.14 <0.11 <0.11 <0.02 <0.12 <0.02 <0.14 <0.02 <0.14 <0.02 <0.02 <0.14 <0.02 <0.02 <0.03 <1.00 <0.06 <0.03 <1.00 <0.02 <0.02 <0.02 <0.03 <1.00 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.03 <0.04 <0.02 <0.04 <0.02 <0.03 <0.04 <0.02 <0.04 <0.04 <0.02 <0.04 <0.04 <0.02 <0.04 <0.02 <0.04 <0.02 <0.04 <0.02 <0.04 <0.02 <0.04 <0.02 <0.04 <0.02 <0.04 <0.02 <0.04 <0.02 <0.04 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.03 <0.02 <0.03 <0.02 <0.02 <0.02 <0.03 <0.02 <0.02 <0.03 <0.02 <0.02 <0.03 <0.02 <0.02 <0.03 <0.02 <0.02 <0.02 <0.03 <0.02 <0.02 <0.02 <0.03 <0.02 <0.03 <0.02 <0.02 <0.02 <0.02 <0.03 <0.02 <0.03 <0.02 <0.03 <0.02 <0.03 <0.02 <0.03 <0.02 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05	
GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Beryllium Cadmium Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Thallium Titanium Vanadium Zinc Group G (mg/L) Total Dissolved Solids (A55TDS) ON SITE ANALYSES	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.050 0.050 0.031 <0.020 <0.030 <0.030 <0.030 <0.030 <0.030 <0.010 <0.050 0.031 <0.010 <0.050 0.031 <0.010 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.030 <0.050 0.055 0.030 <0.050 0.055 0.055 0.030 <0.050 0.055 0.031 <0.050 0.031 <0.050 0.055 0.055 0.030 <0.050 0.055	62 1.56 0.008 <0.010 <0.004 <0.004 <0.004 <0.004 <0.006 <0.086 3.15 <0.086 <0.030 <0.030 <0.030 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.050 <0.050 <0.050 <0.050 <0.288	MCPA MCPA MCPP Silvex 2.4.5-T SAMPLE NUMBER EPA METHOD 605 (ug/L) Heptachlor Epoxide Aldrin alpha-BHC beta-BHC Lindane (gamma-BHC) Chlordane 4.4' DDD 4.4' DDD Dieldrin Endosulfan 11 Endosulfan 12 Endosulfan Sulfate Endrin Endosulfan Sulfate Endrin Endosulfan Sulfate Endrin Endosulfan 11 Endosulfan 12 Endosulfan 11 Endosulfan 12 Arden 12 Arcelor 1221 Arcelor 1222 Arcelor 1242	<0.07 <249 <192 <0.17 <0.2 GN950385 <0.83 <0.04 <0.03 <0.06 <0.09 <0.03 <0.14 <0.04 <0.11 <0.04 <0.12 <0.04 <0.12 <0.04 <0.12 <0.04 <0.04 <0.04 <0.02 <	<0.07 <249 <192 <0.17 <0.2 GN950387 <0.83 <0.04 <0.03 <0.06 <0.09 <0.03 <0.03 <0.03 <0.04 <0.11 <0.04 <0.11 <0.04 <0.12 <0.14 <0.04 <0.12 <0.02 <0.14 <0.04 <0.02 <0.14 <0.04 <0.02 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.04 <0.04 <0.02 <0.03 <0.03 <0.03 <0.03 <0.03 <0.04 <0.04 <0.04 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.04 <0.04 <0.04 <0.03 <0.04 <0.02 <0.03 <0.03 <0.04 <0.04 <0.04 <0.03 <0.03 <0.03 <0.03 <0.03 <0.04 <0.04 <0.03 <0.03 <0.03 <0.03 <0.04 <0.02 <0.03 <0.03 <0.04 <0.04 <0.02 <0.03 <0.03 <0.04 <0.04 <0.02 <0.03 <0.03 <0.04 <0.04 <0.04 <0.02 <0.03 <0.04 <0.04 <0.02 <0.03 <0.04 <0.04 <0.02 <0.04 <0.03 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.05 <0.04 <0.05 <0.04 <0.04 <0.04 <0.05 <0.05 <0.05 <0.05 <0.04 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05	
GROUP E ANALYTES (ug/L) Phenois GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Genyllium Cobait Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Thalium Titanium Vanadum Zinc Group G (mg/L) Total Dissolved Solids (A65TDS) ON SITE ANALYSES PH (units)	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.050 0.050 0.031 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.010 <0.010 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.02 <0.030 <0.050 <0.030 <0.050 <0.030 <0.050 <0.030 <0.050 <0.030 <0.050 <0.030 <0.050 <0.030 <0.050 <0.050 <0.050 <0.030 <0.050 <0.030 <0.050 <0.050 <0.030 <0.050 <0.030 <0.050 <0.050 <0.030 <0.050 <0.050 <0.030 <0.050 <0.030 <0.050 <0.050 <0.030 <0.050 <0.050 <0.050 <0.030 <0.050 <0.050 <0.050 <0.030 <0.050 <0.050 <0.050 <0.030 <0.050 <0.050 <0.050 <0.050 <0.030 <0.050 <0.050 <0.050 <0.050 <0.02 <0.050 <0.02 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.05	62 1.56 0.000 0.237 0.004 0.237 0.004 0.004 0.004 0.000 0.000 0.000 0.0002 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.050 0.050 0.050 0.288 288 7	MCPA MCPA MCPP Silvex 2,4,5-T SAMPLE NUMBER EPA METHOD 608 (ug/L) Heptachlor Epoxide Aldrin alpha-BHC beta-BHC deta-BHC deta-BHC deta-BHC Lindane (gamma-BHC) Chlordane 4,4' DDE p,p-DDT Dieldrin Endosulfan II Endosulfan II Endosulfan Sulfate Endrin Endrin Aldehyde Heptachlor Texaphene Aroclor 1016 Aroclor 1016 Aroclor 1221 Aroclor 1248	<0.07 <249 <192 <0.17 <0.2 GN950385 <0.83 <0.04 <0.03 <0.04 <0.09 <0.03 <0.14 <0.04 <0.11 <0.04 <0.12 <0.04 <0.12 <0.02 <0.14 <0.04 <0.12 <0.04 <0.12 <0.02 <0.14 <0.03 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<0.07 <249 <192 <0.17 <0.2 GN950387 	
GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Beryllium Cadmium Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molyddenum Nickel Selenium Silver Thallium Tifanium Vanadium Zinc Group G (mg/L) Total Dissolved Solids (A55TDS) ON SITE ANALYSES	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.050 0.050 0.031 <0.020 <0.030 <0.030 <0.030 <0.030 <0.030 <0.010 <0.050 0.031 <0.010 <0.050 0.031 <0.010 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.031 <0.050 0.030 <0.050 0.055 0.030 <0.050 0.055 0.055 0.030 <0.050 0.055 0.031 <0.050 0.031 <0.050 0.055 0.055 0.030 <0.050 0.055	62 1.56 0.000 0.237 0.004 0.237 0.004 0.004 0.004 0.000 0.000 0.000 0.0002 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.050 0.050 0.050 0.288 288 7	MCPA MCPA MCPP Silvex 2.4,5-T SAMPLE NUMBER EPA METHOD 808 (ug/L) Heptachlor Epoxide Akirin alpha-BHC beta-BHC delta-BHC Lindane (gamma-BHC) Chlordane 4.4' DDD 4.4' DDD Heptachlor Endosulfan II Endosulfan II Endo	<0.07 <249 <192 <0.17 <0.2 GN950385 <0.83 <0.04 <0.03 <0.06 <0.09 <0.03 <0.14 <0.04 <0.11 <0.04 <0.12 <0.04 <0.12 <0.04 <0.12 <0.04 <0.04 <0.04 <0.02 <	<0.07 <249 <192 <0.17 <0.2 GN950387 <0.83 <0.04 <0.03 <0.06 <0.09 <0.03 <0.03 <0.03 <0.04 <0.11 <0.04 <0.11 <0.04 <0.12 <0.14 <0.04 <0.12 <0.02 <0.14 <0.04 <0.02 <0.14 <0.04 <0.02 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.04 <0.04 <0.02 <0.03 <0.03 <0.03 <0.03 <0.03 <0.04 <0.04 <0.04 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.04 <0.04 <0.04 <0.03 <0.04 <0.02 <0.03 <0.03 <0.04 <0.04 <0.04 <0.03 <0.03 <0.03 <0.03 <0.03 <0.04 <0.04 <0.03 <0.03 <0.03 <0.03 <0.04 <0.02 <0.03 <0.03 <0.04 <0.04 <0.02 <0.03 <0.03 <0.04 <0.04 <0.02 <0.03 <0.03 <0.04 <0.04 <0.04 <0.02 <0.03 <0.04 <0.04 <0.02 <0.03 <0.04 <0.04 <0.02 <0.04 <0.03 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.04 <0.05 <0.04 <0.05 <0.04 <0.04 <0.04 <0.05 <0.05 <0.05 <0.05 <0.04 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05	
GROUP E ANALYTES (ug/L) Phenois GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barium Genyllium Cobait Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Thalium Titanium Vanadum Zinc Group G (mg/L) Total Dissolved Solids (A65TDS) ON SITE ANALYSES PH (units)	0.176 <0.006 <0.010 0.108 <0.004 <0.001 <0.050 0.050 0.031 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.010 <0.010 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.02 <0.030 <0.050 <0.030 <0.050 <0.030 <0.050 <0.030 <0.050 <0.030 <0.050 <0.030 <0.050 <0.030 <0.050 <0.050 <0.050 <0.030 <0.050 <0.030 <0.050 <0.050 <0.030 <0.050 <0.030 <0.050 <0.050 <0.030 <0.050 <0.050 <0.030 <0.050 <0.030 <0.050 <0.050 <0.030 <0.050 <0.050 <0.050 <0.030 <0.050 <0.050 <0.050 <0.030 <0.050 <0.050 <0.050 <0.030 <0.050 <0.050 <0.050 <0.050 <0.030 <0.050 <0.050 <0.050 <0.050 <0.02 <0.050 <0.02 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.05	62 1.56 0.000 0.237 0.004 0.237 0.004 0.004 0.004 0.000 0.000 0.000 0.0002 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.050 0.050 0.050 0.288 288 7	MCPA MCPA MCPP Silvex 2,4,5-T SAMPLE NUMBER EPA METHOD 608 (ug/L) Heptachlor Epoxide Aldrin alpha-BHC beta-BHC deta-BHC deta-BHC deta-BHC Lindane (gamma-BHC) Chlordane 4,4' DDE p,p-DDT Dieldrin Endosulfan II Endosulfan II Endosulfan Sulfate Endrin Endrin Aldehyde Heptachlor Texaphene Aroclor 1016 Aroclor 1016 Aroclor 1221 Aroclor 1248	<0.07 <249 <192 <0.17 <0.2 GN950385 <0.83 <0.04 <0.03 <0.06 <0.09 <0.03 <0.14 <0.04 <0.12 <0.02 <0.14 <0.04 <0.02 <0.04 <0.02 <0.03 <0.14 <0.04 <0.02 <0.03 <0.14 <0.04 <0.02 <0.03 <0.12 <0.02 <0.03 <0.12 <0.02 <0.03 <0.12 <0.04 <0.06 <0.03 <0.14 <0.04 <0.06 <0.03 <0.11 <0.04 <0.06 <0.03 <0.12 <0.04 <0.06 <0.03 <0.12 <0.04 <0.06 <0.03 <0.12 <0.04 <0.06 <0.03 <0.12 <0.04 <0.06 <0.03 <0.12 <0.04 <0.06 <0.03 <0.12 <0.04 <0.06 <0.03 <0.12 <0.04 <0.06 <0.03 <0.12 <0.04 <0.06 <0.05 <0.10 <0.05 <0.10 <0.10 <0.03 <0.10 <0.04 <0.06 <0.05 <0.10 <0.03 <0.10 <0.04 <0.06 <0.05 <0.10 <0.10 <0.03 <0.10 <0.04 <0.06 <0.03 <0.10 <0.03 <0.10 <0.04 <0.06 <0.03 <0.10 <0.03 <0.10 <0.04 <0.04 <0.04 <0.05 <0.03 <0.10 <0.03 <0.10 <0.04 <0.04 <0.04 <0.05 <0.10 <0.03 <0.10 <0.10 <0.03 <0.10 <0.03 <0.10 <0.03 <0.10 <0.03 <0.10 <0.03 <0.10 <0.03 <0.10 <0.03 <0.10 <0.03 <0.10 <0.03 <0.10 <0.00 <0.03 <0.10 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0	<0.07 <249 <192 <0.17 <0.2 GN950387 	

# RANDOLPH AFB, TEXAS WASTEWATER CHARACTERIZATION SURVEY: 12 MAY - 19 MAY 1995 CLINIC AND NE FLIGHTLINE/PIZZA

		CLINIC AND				7.4
		CLINIC RESULTS			FLIGHTLINE/PIZ	
GROUP A & B ANALYTES (mg/L)	COLLECTION DATE TUES, 16 MAY 95	COLLECTION DATE WED, 17 MAY 95	COLLECTION DATE THUR, 18 MAY 95	COLLECTION DATE TUES, 16 MAY 95	COLLECTION DATE WED, 17 MAY 95	COLLECTION DATE THUR, 18 MAY 95
Chemical Oxygen Demand	196	WED, 17 MART 35	105/119*	338	399	385
Oil and Grease	1.44	8.4	7.5	10.8	14.4	
Total Petroleum Hydrocarbon				8.8	13.6	21.2
					· · · · · · · · · · · · · · · · · · ·	
GROUP D ANALYTES (mg/L) Cyanide	<0.005	<0.005	0.021	0.012	<0.005	0.008/007*
Cyanitae	40.000	-0.000	0.011	0.012		
GROUP E ANALYTES (ug/L)						
Phenols	96	66	105/100*	Not Requested	Not Requested	Not Requested
		•				
GROUP F ANALYTES (mg/L)	0.325	0.169	0.22	0.284	0.156	0.215
Aluminum Antimony	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Arsenic	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Barium	0.735	0.254	0.355	0.131	0.135	
Beryllium	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Cadmium	<0.0001	<0.0001 <0.010	<0.0001 <0.010	0.006 <0.010	0.002	0.008
Total Chromium Cobalt	<0.010	<0.050	<0.050	<0.050	<0.050	<0.010 <0.050
Copper	0.122	0.116	0.214	0.098	0.091	0.103
Iron	0.533	0.521	0.803	0.635	4.99	
Lead	<0.020	<0.020		<0.020	<0.020	0.023
Manganese	<0.030	<0.030	< 0.030	0.032	0.04	
Mercury Molybdenum	0.0007	0.0006	0:005 <0.030	<0.0002 <0.030	<0.0002 <0.030	0.0002
Nickel	<0.030	<0.030	<0.030	<0.030		<0.030
Selenium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Silver	0.02	0.072	0.167	<0.010	0.028	
Thallium	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Titanium	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Vanadium Zino	<0.050	<0.050 0.154	<0.050	<0.050	<0.050 0.13	<0.050 0.139
Zinc	0,094	U.176	U.267	0.202		
Group G (mg/L)						
Total Dissolved Solids (TDS)	560	460	452	4776	436	
	1					
ON SITE ANALYSES		<u>_</u>				
pH (units)		1	63	7	7	65
Temperature (°C)	69			/0		8
SAMPLE NUMBERS	CN950295, CN950296	CN950298, CN950299	CN950302 CN950304*	CN950279, CN950280	CN950282,CN950283	CN950286,CN940287
			CN950301			CN950285*
	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE
VOLATILE COMPOUNDS (ug/L)	TUES, 16 MAY 95	WED, 17 MAY 95	THUR, 18 MAY 95	TUES, 16 MAY 95	WED, 17 MAY 95	THUR, 18 MAY 95
Benzene	TUES, 16 MAY 95 <1.0	WED, 17 MAY 95 <50	THUR, 18 MAY 95 <20	TUES, 16 MAY 95 <1.0	WED, 17 MAY 95 <50	THUR, 18 MAY 95 <2
	TUES, 16 MAY 95	WED, 17 MAY 95	THUR, 18 MAY 95	TUES, 16 MAY 95	WED, 17 MAY 95	THUR, 18 MAY 95
Benzene Benzyl Chloride	TUES, 16 MAY 95 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50	THUR, 18 MAY 95 <20 <2 <2 <2 <2	TUES, 16 MAY 95 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50	THUR, 18 MAY 95 <2 <2 <2 <2 <2 <2
Benzene Benzyl Chloride Bromodchloromethane Bromodchloromethane Bromoform	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50	THUR, 18 MAY 95 <20 <2 <2 <2 <2 <2 <2 <2	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50	THUR, 18 MAY 95 <2 <2 <2 <2 <2 <2 <2 .97
Benzene Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform Bromomethane	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50	THUR, 18 MAY 95 <20 <2 <2 <2 <2 <2 <2 <2 <2	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50	THUR, 18 MAY 95 <2 <2 <2 <2 <2 <2 <2 <2 <2
Benzene Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <50 <50	THUR, 18 MAY 95 <20 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <50 <50 <5	THUR, 18 MAY 95 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2
Benzene Benzyl Chloride Bromodichloromethane Bromoform Bromorethane Carbon tetrachloride Carbon tetrachloride Chlorobenzene	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <50 <50	THUR, 18 MAY 95 <20 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <50 <50 <5	THUR, 18 MAY 95 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2
Benzene Benzyl Chloride Bromodchloromethane Bromodchloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodenzene Chlorodibromomethane	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <50 <50	THUR, 18 MAY 95 <20 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <50 <50 <5	THUR, 18 MAY 95 <2 <2 <2 <2 <2 <2 <2 <2 <2 <2
Benzene Benzyl Chloride Bromodichloromethane Bromoform Bromorethane Carbon tetrachloride Carbon tetrachloride Chlorobenzene	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <50 <50 <5	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <50 <50 <5	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorobenzene Chloroditromomethane Chloroditromomethane Chloroditromomethane Chloroform 2-Chloroftm	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <50 <50 <5	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <50 <50 <5	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Bromodchloromethane Bromodchloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chlorodetnane Chlorodethane Chlorodethane Chlorotethane Chlorotethane Chlorotethane Chlorotethane	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <50 <50 <5	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <50 <50 <5	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Bromodichloromethane Bromodichloromethane Bromoform Bromonethane Carbon tetrachloride Chlorodbroenzene Chlorodbroenomethane Chlorodbroethane Chlorodform 2-Chlorethylvinyl Ether Chloromethane Chloromethane Chloromethane	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <50 <50 <5	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Bromodchloromethane Bromodchloromethane Bromoform Bromorethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroftm 2-Chlorethylvinyl Ether Chloromethane Chloromethane Dibromomethane	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <5	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <50 <50 <5	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Bromodchloromethane Bromodchloromethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Dibromomethane 1,2-Dichlorobenzene	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <5	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <50 <50 <5	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Bromodchloromethane Bromodchloromethane Bromodrom Bromorethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chloroform 2-Chlorethylvinyl Ether Chloromethane Chloromethane Dibromomethane Dibromomethane	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <50 <50 <5	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Bromodchloromethane Bromodchloromethane Bromodchloromethane Carbon tetrachloride Chlorobenzene Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Dibromomethane Dibromomethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95 <50 <50 <50 <50 <50 <50 <50 <50 <50 <5	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Bromodchloromethane Bromodchloromethane Bromodchloromethane Carbon tetrachloride Chlorobenzene Chlorodethane Chlorodethane Chlorodethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Bromodchloromethane Bromodchloromethane Bromodchloromethane Carbon tetrachloride Chlorobenzene Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene Dichloroffliuoromethane 1,2-Dichlorobenzene	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Beromodichloromethane Bromodichloromethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Dibromomethane Dibromomethane Dibromomethane 1,3-Dichlorobenzene 1,3-Dichlorobenzene Dichlorodifluoromethane Dichlorodifluoromethane Dichlorodifluoromethane 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene Dichlorodifluoromethane 1,2-Dichloroethane 1,2-Dichloroethane	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Bromodchloromethane Bromodchloromethane Carbon tetrachloride Chloroditromomethane Chloroditromomethane Chloroditromomethane Chloroditromomethane Chloroditromomethane Chloroditromomethane Chloroditromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane Trans-1,2-Dichloroethene Trans-1,2-Dichloroethene	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Bromodchloromethane Bromodchloromethane Bromodchloromethane Carbon tetrachloride Chlorobenzene Chloroditromomethane Chloroditromomethane Chloroditromomethane Chloroditromomethane Chloroditromomethane Ditromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene Dichlorodfluoromethane 1,1-Dichloroethane 1,2-Dichloroethane	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Berzyl Chloride Bromodenzene Bromodichloromethane Carbon tetrachloride Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane Trans-1,2-Dichloroethene	TUES, 16 MAY 35           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Bromodchloromethane Bromodchloromethane Bromodchloromethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropene Trans-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Berzyl Chloride Bromoberzene Bromodichloromethane Bromodrm Bromomethane Carbon tetrachloride Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Dibromomethane Dibromomethane Dibromomethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropthane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropthane 1,3-Dichloropthane 1,3-Dichlo	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Berzyl Chloride Bromodenzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorodisromomethane Chlorodisromomethane Chlorodisromomethane Chlorodisromomethane Chlorodisromomethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Ethyl Benzene Mettylene Chlorde 1,1,1,2-Tetrachloroethane	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Berzyl Chloride Bromodichloromethane Bromodichloromethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropthane 1,3-Dichloropthane 1,3-Dichloropthane 1,3-Dichloropthane 1,3-Dichloropthane 1,3-Dichloropthane 1,3-Dichloropthane 1,3-Dichloropthane 1,3-Dichloropthane 1,3-Dichloropthane 1,2-Dichloropthane 1,2-Dichloropthane 1,2-Dichloropthane 1,2-Dichloropthane 1,2-Dichloropthane 1,3-Dichloropthane 1,3-Dichloropthane 1,3-Dichloropthane 1,1,2,2-Tetrachloroethane	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Bromodchloromethane Bromodchloromethane Bromodchloromethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethane	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Berowberzene Bromodrzene Bromodrikowethane Bromodrim Bromowethane Carbon tetrachloride Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropethane 1,2-Dichloropethane 1,2-Dichloropethane 1,2-Dichloropethane 1,2-Dichloroethane 1,2-Dichloropethane 1,3-Dichloropethane 1,1,2-Tetrachloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dich	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Bromodchloromethane Bromodchloromethane Bromodchloromethane Carbon tetrachloride Chlorodizornomethane Chlorodizornomethane Chlorodizornomethane Chlorodizornomethane Chlorodizornomethane Chlorodizornomethane Chlorodizornomethane Chlorodizornomethane Chlorodizornomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Chlorofthane 1,2-Dichloroethane 1,2-Dichloropene Ethyl Benzene Mettylene Chloride 1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethane	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 96           <2
Benzene Benzene Benzyl Chloride Bromobenzene Bromodichloromethane Bromodrm Bromomethane Carbon tetrachloride Chlorodibromomethane Chlor	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 96           <2
Benzene Benzyl Chloride Berzyl Chloride Bromodenzene Bromodichloromethane Bromodrm Bromowethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chlorodibrommethane Chlorodibrommethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloropethane 1,2-Dichloropethane 1,2-Dichloropethane 1,2-Dichloropethane 1,2-Dichloropethane 1,1-Dichloroethane 1,1-Dichloropethane 1,2-Dichloropethane 1,2-Dichloropethane 1,2-Dichloropethane 1,2-Dichloropethane 1,2-Dichloropethane 1,2-Dichloropethane 1,2-Dichloropethane 1,2-Dichloropethane 1,1,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1,2-Trichloro	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Berzyl Chloride Bromobenzene Bromodichloromethane Bromodrim Bromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Dibromomethane Dibromomethane 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodfluoromethane Dichlorodfluoromethane 1,2-Dichlorobethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropthane 1,1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tichloroethane 1,1,2-Tichloroethane 1,2-3-Tichloropthane 1,3-3-Tichloropthane 1,3-3-Ti	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Bromodchoromethane Bromodchoromethane Bromodchoromethane Bromodchoromethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichloropethane Cis-1,3-Dichloropethane Cis-1,3-Dichloropethane Cis-1,3-Dichloropethane Cis-1,3-Dichloropethane Cis-1,3-Dichloropethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Trichloreethane 1,1,2-Trichloroethane 1,2-Jichloropethane 1,1,2-Trichloroethane 1,2-Jichloropethane 1,1,2-Trichloroethane 1,2,3-Tichloropethane 1,2,3-Tichloropethane 1,2,3-Tichloropethane 1,2,3-Tichloropethane 1,2,3-Tichloropethane 1,2,3-Tichloroethane 1,2,3-Tichloroethane 1,2,3-Tichloroethane 1,2,3-Tichloroethane 1,2,3-Tichloroethane 1,2,3-Tichloropethane 1,2,3-Tichloropethane 1,2,3-Tichloroethane 1,3,3-Tichloroethane 1,3,3	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Berzyl Chloride Bromoberzene Bromodichloromethane Bromodrm Bromomethane Carbon tetrachloride Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Dibromomethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloropthane 1,2-Dichloropthane 1,2-Dichloropthane 1,2-Dichloropthane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Tichloroethane 1,3,3-Tichloroethane 1,3,3-Tichloroethan	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <2
Benzene Benzyl Chloride Bromodchloromethane Bromodchloromethane Bromodchloromethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene Cis-1,3-Dichloropethane Cis-1,3-Dichloropethane Cis-1,3-Dichloropethane Cis-1,3-Dichloropethane 1,1,2-Tetrachloroethane 1,2-Dichloropropane 2,2-Tetrachloroethane 2,2-Tetrachloroethane 2,2-Tetrachloroethane 2,2-Tetrachloroethane 2,2-Tetrachloroethane 2,2-Tetrachloroethane 2,2-Tetrachloroethane 2,2-Tetrachloroethane 2,2-Tetrachloroet	TUES, 16 MAY 95           <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <20	TUES, 16 MAY 95 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	WED, 17 MAY 95           <50	THUR, 18 MAY 95           <2

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		OLPH AFB, T		
WASTEW	ATER CHARACT North ar	ERIZATION SUR 1d South Sew		) MAY 1995
	South S	ide Sewer	North Si	de Sewer
	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE
GROUP A & BANALYTES (mg/L)	TUES, 16 MAY 95	WED, 17 MAY 95	TUES, 16 MAY 95	WED, 17 MAY 95
Chemical Oxygen Demand	318		234	318
5 Day Biological Oxygen Demand	226	Not Accomplished	2510	Not Accomplished
SAMPLE NUMBERS	CN950277	CN950278	CN950272	CN950273
EPA 608 TTO (ug/L)			-0.04	<0.04
Aldrin alpha-BHC	<0.04 <0.03	<0.04 <0.03	<0.04 <0.03	<0.04
beta-BHC	<0.06	<0.06	<0.06	<0.06
delta-BHC	<0.09	<0.09	<0.09	<0.09
Lindane (gamma-BHC)	<0.03	<0.03 <0.14	<0.03 <0.14	0,12 <0.14
Chlordane 4,4'DDD	<0.14 <0.11	<0.11	<0.11	<0.11
4,4'DDE	<0.04	<0.04	<0.04	<0.04
p,p-DDT	<0.12	<0.12	<0.12	<0.12
Dieldrin	<0.02	<0.02 <0.14	<0.02 <0.14	<0.02 <0.14
Endosulfan I Endosulfan II	<0.14 <0.04	<0.14	<0.04	<0.04
Endosulfan Sulfate	<0.66	<0.66	<0.66	<0.66
Endrin	<0.06	<0.06	<0.06	<0.06
Endrin Aldehyde	<0.23	<0.23	<0.23	<0.23
Heptachlor	<0.03	<0.03 <0.83	<0.03 <0.83	<0.03 <0.83
Heptachlor Epoxide	<0.83 <1	<0.83	<0.65	<1
Toxaphene Aroclor 1016	<1	<1	<u>ব</u>	<1
Aroclor 1221	<1	ব	<1	<1
Aroclor 1232	<1	<1	<1	<1
Aroclor 1242	<0.65	<0.65	<0.65	<0.65 <1
Aroclor 1248 Aroclor 1254	<1	ব ব	<1 <1	<1
Aroclor 1254	ব	<1	<1	<1
ON SITE ANALYSES				6.5
pH (units) Temperature (°F)	7	6.5	72	0.0
remperature ( F)	12			
SAMPLE NUMBERS	GN950274	GN950518	GN950269	GN950251
EPA METHOD 624	COLUCTION DATE			COLLECTION DATE
	COLLECTION DATE TUES, 16 MAY 95	COLLECTION DATE WED, 17 MAY 95	COLLECTION DATE TUES, 16 MAY 95	WED, 17 MAY 95
VOLATILE COMPOUNDS (ug/L) Benzene	TUES, 16 MAY 95	WED, 17 MAY 95	COLLECTION DATE TUES, 16 MAY 95	
VOLATILE COMPOUNDS (ug/L) Benzene Benzyl Chloride	TUES, 16 MAY 95 <5 <5	WED, 17 MAY 95 <5 <5	TUES, 16 MAY 95 <5 <5	WED, 17 MAY 95 <5 <5
VOLATILE COMPOUNDS (ug/L) Benzene Benzyl Chloride Bromobenzene	TUES, 16 MAY 95 <5 <5 <5	WED, 17 MAY 95 <5 <5 <5	TUES, 16 MAY 95 <5 <5	WED, 17 MAY 95 <5 <5 <5
VOLATILE COMPOUNDS (ug/L) Benzene Benzyl Chloride Bromobenzene Bromodichloromethane	TUES, 16 MAY 95 <5 <5 <5 <5 <5	WED, 17 MAY 95 <5 <5 <5 <5	TUES, 16 MAY 95 <5 <5 <5 <5	WED, 17 MAY 95 <5 <5 <5 <5
VOLATILE COMPOUNDS (ug/L) Benzene Benzyl Chloride Bromobenzene Bromotichloromethane Bromotorm	TUES, 16 MAY 95 <5 <5 <5 <5 <5 <5	WED, 17 MAY 95 <5 <5 <5	TUES, 16 MAY 95 <5 <5	WED, 17 MAY 95 <5 <5 <5
VOLATILE COMPOUNDS (ug/L) Benzene Benzyl Chloride Bromobenzene Bromodichloromethane	TUES, 16 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	WED, 17 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5	TUES, 16 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	WED, 17 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5
VOLATILE COMPOUNDS (ug/L) Benzene Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform Bromorethane Carbon tetrachloride Chlorobenzene	TUES, 16 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	WED, 17 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	TUES, 16 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	WED, 17 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5
VOLATILE COMPOUNDS (ug/L) Benzene Bronzene Bromotichloromethane Bromotichloromethane Bromotorm Bromomethane Carbon tetrachloride Chlorobenzene Chlorobenzene Chlorodibromomethane	TUES, 16 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	WED, 17 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	TUES, 16 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	WED, 17 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5
VOLATILE COMPOUNDS (ug/L) Benzene Bromotichloromethane Bromotichloromethane Bromotorm Bromomethane Carbon tetrachloride Chlorobenzene Chlorobenomethane Chloroethane	TUES, 16 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	WED, 17 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	TUES, 16 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	WED, 17 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5
VOLATILE COMPOUNDS (ug/L) Benzene Bronzene Bromotichloromethane Bromotichloromethane Bromotorm Bromomethane Carbon tetrachloride Chlorobenzene Chlorobenzene Chlorodibromomethane	TUES, 16 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	WED, 17 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	TUES, 16 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromoform Bromorethane Carbon tetrachloride Chlorobenzene Chlorobenzene Chlorobenzene Chlorotibromomethane Chlorotibromomethane Chlorotoform 2-Chlorethylvinyl Ether Chloromethane	TUES, 16 MAY 95         <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromoform Bromorethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorotethane Chlorotethane Chlorotethane Chlorotethane Chlorotethane Chlorotethane Chlorotethane Chlorotethane Chlorotethane Chlorotethane	TUES, 16 MAY 95         <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L) Benzene Benzyl Chloride Bromobenzene Bromodichloromethane Bromorform Bromorethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorothane Chlorothane Chlorothylvinyl Ether Chloromethane Chloromethane Chlorodibromomethane Dibromomethane	TUES, 16 MAY 95         <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L) Benzene Benzyl Chloride Bromobenzene Bromodichloromethane Bromorethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorothane Chlorothylvinyl Ether Chlorothylvinyl Ether Chlorodibromomethane Dibromomethane 1,2-Dichlorobenzene	TUES, 16 MAY 95         <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L) Benzene Bromodichloromethane Bromodichloromethane Bromonform Bromonethane Carbon tetrachloride Chlorobenzene Chlorobenzene Chlorotibromomethane Chlorotethane Chlorotethane Chlorotethylvinyl Ether Chloromethane Chlorodibromomethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene	TUES, 16 MAY 95         <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L) Benzene Benzyl Chloride Bromobenzene Bromodichloromethane Bromorform Bromorethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chloroform 2-Chlorethylvinyl Ether Chloromethane Chloromethane Chloromethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane	TUES, 16 MAY 95         <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L) Benzene Benzyl Chloride Bromobenzene Bromodichloromethane Bromorethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorothane Chlorothane Chlorothylvinyl Ether Chlorothylvinyl Ether Dibromomethane 1,3-Dichlorobenzene 1,3-Dichlorobenzene Dichlorothylvinylethane 1,1-Dichlorothane	TUES, 16 MAY 95         <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L) Benzene Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform Bromorethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorothane Chlorothylvinyl Ether Chlorothylvinyl Ether Dibromomethane 1,2-Dichlorobenzene Dichlorothane 1,1-Dichlorothane 1,2-Dichlorothane	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L) Benzene Benzyl Chloride Bromobenzene Bromodichloromethane Bromorethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorothane Chlorothane Chlorothylvinyl Ether Chlorothylvinyl Ether Dibromomethane 1,3-Dichlorobenzene 1,3-Dichlorobenzene Dichlorothylvinylethane 1,1-Dichlorothane	TUES, 16 MAY 95         <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L) Benzene Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform Bromorethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorothane Chlorothylvinyl Ether Chlorothylvinyl Ether Chlorodibromomethane Chlorodibromomethane 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorotenzene 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane	TUES, 16 MAY 95         <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L) Benzene Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform Bromorethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorothane Chlorothylvinyl Ether Chlorothylvinyl Ether Chlorothane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichlorothane 1,2-Dichloropropane Cis-1,3-Dichloropropane	TUES, 16 MAY 95         <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L) Benzene Benzyl Chloride Bromodichlorornethane Bromodichlorornethane Bromorethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorotibromomethane Chlorothylvinyl Ether Chlorothylvinyl Ether Chlorothylviny	TUES, 16 MAY 95         <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L) Benzene Benzyl Chloride Bromobenzene Bromodenzene Bromoform Bromorethane Carbon tetrachloride Chlorobenzene Chlorodibromomethane Chlorodibromomethane Chlorothane Chlorothylvinyl Ether Chlorothylvinyl Ether Chlorothylvinyl Ether Chlorothoromethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene	TUES, 16 MAY 95         <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L)         Benzene         Benzyl Chloride         Bromobenzene         Bromoform         Bromoform         Bromoform         Bromoform         Bromoform         Bromoform         Bromoform         Bromoform         Carbon tetrachloride         Chlorobenzene         Chlorobenzene         Chlorotibromomethane         Chlorothane         Chlorothylvinyl Ether         Chlorothylvinyl Ether         Chlorobenzene         Dibromomethane         1,2-Dichlorobenzene         1,3-Dichlorobenzene         1,4-Dichlorobenzene         1,1-Dichloroethane         1,1-Dichloroethane         1,2-Dichloroethane         1,2-Dichloroethane         1,2-Dichloroethane         1,2-Dichloroethane         1,2-Dichloroethane         1,2-Dichloroethane         1,2-Dichloroethane         1,2-Dichloroethane         1,2-Dichloropropane         Cis-1,3-Dichloropropene         Trans-1,3-Dichloropropene         Ethyl Benzene         Methylene Chloride         1,1,1,2-Tetrachloroethane <td>TUES, 16 MAY 95           &lt;5</td> <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L)           Benzene           Benzyl Chloride           Bromobenzene           Bromodichloromethane           Bromoform           Bromotichloromethane           Bromotichloromethane           Carbon tetrachloride           Chlorobenzene           Chlorobenzene           Chlorodibromomethane           Chlorodibromomethane           Chloromethane           Chloromethane           Chloromethane           Chlorobenzene           1,2-Dichlorobenzene           1,4-Dichlorobenzene           1,4-Dichlorobenzene           1,4-Dichlorobenzene           1,1-Dichloroethane           1,2-Dichloroethane           1,2-Dichloroethane           1,2-Dichloroethane           1,2-Dichloropropane           Cis-1,3-Dichloropropene           Trans-1,3-Dichloropropene           Trans-1,3-Dichloropropene           Trans-1,3-Dichloropropene           Trans-1,3-Dichloropropene           Trans-1,3-Dichloropropene           Trans-1,3-Dichloropropene           Trans-1,3-Dichloropropene           Trans-1,3-Dichloropropene           Trans-1,2-Dichloroethane           1,1,1,2:-Te	TUES, 16 MAY 95         <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L)         Benzene         Benzyl Chloride         Bromobenzene         Bromodichloromethane         Bromoform         Bromotichloromethane         Bromotichloromethane         Carbon tetrachloride         Chlorodibromomethane         Chlorodibromomethane         Chlorodibromomethane         Chlorothane         Chlorothoromethane         Chlorothylvinyl Ether         Chlorothoromethane         1,2-Dichlorobenzene         1,3-Dichlorobenzene         1,4-Dichlorobenzene         1,2-Dichloroethane         1,1-Dichloroethane         1,2-Dichloroethane         1,2-Dichloropropane         Cis-1,3-Dichloropropene         Ethyl Benzene         Methylene Chloride         1,1,2-2-etrachloroethane         1,1,2-2-etrachloroethane         1,1,2-2-etrachloroethane	TUES, 16 MAY 95         <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L)         Benzyl Chloride         Bromobenzene         Bromobenzene         Bromoform         Bromotichloromethane         Bromotichloromethane         Carbon tetrachloride         Chlorobenzene         Chlorobenzene         Chlorobenzene         Chlorobenzene         Chlorobenzene         Chlorothane         Chlorothane         Chlorothane         Chlorothane         Chlorothane         Chlorothane         Chlorothane         Chlorothane         1.2-Dichlorobenzene         1.3-Dichlorobenzene         1.4-Dichlorobenzene         1.4-Dichlorobenzene         1.1-Dichloroethane         1.2-Dichloroethane         1.2-Dichloroethane         1.2-Dichloroethane         1.2-Dichloroethane         1.2-Dichloroethane         1.2-Dichloropropane         Cis-1.3-Dichloropropene         Ethyl Benzene         Methylene Chloride         1.1.1.2-Tetrachloroethane         1.1.2.2-tetrachloroethane         1.1.2.2-tetrachloroethane         1.1.2.2-tetrachloroethane         1.1.2.2	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L)         Benzene         Benzyl Chloride         Bromobenzene         Bromodichloromethane         Bromoform         Bromotichloromethane         Bromotichloromethane         Carbon tetrachloride         Chlorodibromomethane         Chlorodibromomethane         Chlorodibromomethane         Chlorothane         Chlorothoromethane         Chlorothylvinyl Ether         Chlorothoromethane         1,2-Dichlorobenzene         1,3-Dichlorobenzene         1,4-Dichlorobenzene         1,2-Dichloroethane         1,1-Dichloroethane         1,2-Dichloroethane         1,2-Dichloropropane         Cis-1,3-Dichloropropene         Ethyl Benzene         Methylene Chloride         1,1,2-2-etrachloroethane         1,1,2-2-etrachloroethane         1,1,2-2-etrachloroethane	TUES, 16 MAY 95         <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L)         Benzene         Benzyl Chloride         Bromobenzene         Bromoform         Bromotichloromethane         Bromotichloromethane         Bromotichloromethane         Bromotichloromethane         Carbon tetrachloride         Chlorodibromomethane         Chlorodibromomethane         Chlorothylvinyl Ether         Chlorothoromethane         Chlorothoromethane         1,2-Dichlorobenzene         1,3-Dichlorobenzene         1,4-Dichlorobenzene         1,4-Dichlorobenzene         1,2-Dichlorothane         1,2-Dichlorothane         1,2-Dichlorothane         1,2-Dichlorothane         1,2-Dichloropropane         Cis-1,3-Dichloropropene         Trans-1,3-Dichloropropene         Ethylene Chloride         1,1,2-Tetrachloroethane         1,1,2-Tetrachloroethane         1,1,2-Tetrachloroethane         1,1,2-Tetrachloroethane         1,1,2-Tetrachloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane         1,1,2-Tichlo	TUES, 16 MAY 95         <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L)         Benzyl Chloride         Bromobenzene         Bromobenzene         Bromoform         Bromonethane         Carbon tetrachloride         Chlorobenzene         1,2-Dichlorobenzene         1,3-Dichlorobenzene         1,4-Dichlorobenzene         1,2-Dichlorobenzene         1,2-Dichlorobenzene         1,2-Dichlorobenzene         1,2-Dichlorobenzene         1,2-Dichlorobenzene         1,2-Dichlorobenzene         1,2-Dichlorobenzene         1,2-Dichlorobenzene         1,2-Dichloroptane         Cis-1,3-Dichloroptopene         Trans-1,2-Dichloroptopene         Tityl Benzene         Methylene Chloride         1,1,1,2-Tetrachloroethane         1,1,2-Titchloroethane         1,1,2-Titchloroethane         1,1,2-Titchloroethane         1,1,2-Titchloroethane         1,1,1-Tichloroethane	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L)         Benzyl Chloride         Bromobenzene         Bromoform         Bromoform         Bromoform         Bromoform         Bromoform         Bromoform         Bromoform         Bromoform         Carbon tetrachloride         Chlorodibromomethane         Chlorodibromomethane         Chlorothane         Chlorothylvinyl Ether         Chlorothylvinyl Ether         Chlorodibromomethane         Dibromomethane         1,2-Dichlorobenzene         1,3-Dichlorobenzene         1,4-Dichlorobenzene         1,4-Dichloroethane         1,1-Dichloroethane         1,2-Dichloroethane         1,2-Dichloroethane         1,2-Dichloropengane         Cis-1,3-Dichloropropene         Trans-1,3-Dichloropropene         Ethyl Benzene         Methylene Chloride         1,1,2-Tetrachloroethane         1,1,2-Tetrachloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane         1,1,2,3-Tichloroethane	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L)         Benzene         Benzyl Chloride         Bromobenzene         Bromodichloromethane         Bromoform         Bromotichloromethane         Bromotichloromethane         Carbon tetrachloride         Chlorobenzene         Chlorobenzene         Chlorodibromomethane         Chlorodibromomethane         Chlorodibromomethane         Chloromethane         Chloromethane         Chlorobenzene         1,4-Dichlorobenzene         1,4-Dichlorobenzene         1,4-Dichlorobenzene         1,2-Dichlorobenzene         1,1-Dichlorothane         1,1-Dichlorobenzene         1,2-Dichlorobenzene         1,2-Dichlorobenzene         1,1-Dichlorobenzene         1,2-Dichloroptopane         Cis-1,3-Dichloropropane         Cis-1,3-Dichloropropene         Trans-1,3-Dichloropropene         Trans-1,3-Dichloropropene         Trans-1,3-Dichloropropene         Trans-1,3-Dichloropropene         Trans-1,3-Dichloropropene         Trans-1,3-Dichloropropene         Trans-1,3-Dichloropropene         Trans-1,3-Dichloropropene         Trans-1,3-Dic	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L)         Benzyl Chloride         Bromobenzene         Bromoform         Bromoform         Bromoform         Bromoform         Bromoform         Bromoform         Bromoform         Bromoform         Carbon tetrachloride         Chlorodibromomethane         Chlorodibromomethane         Chlorothane         Chlorothylvinyl Ether         Chlorothylvinyl Ether         Chlorodibromomethane         Dibromomethane         1,2-Dichlorobenzene         1,3-Dichlorobenzene         1,4-Dichlorobenzene         1,4-Dichloroethane         1,1-Dichloroethane         1,2-Dichloroethane         1,2-Dichloroethane         1,2-Dichloropengane         Cis-1,3-Dichloropropene         Trans-1,3-Dichloropropene         Ethyl Benzene         Methylene Chloride         1,1,2-Tetrachloroethane         1,1,2-Tetrachloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane         1,1,2,3-Tichloroethane	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5
VOLATILE COMPOUNDS (ug/L)         Benzene         Benzyl Chloride         Bromobenzene         Bromodenzene         Bromoform         Bromotichloromethane         Bromotichloromethane         Carbon tetrachloride         Chlorodibromomethane         Chlorodibromomethane         Chlorodibromomethane         Chlorothylvinyl Ether         Chlorothoromethane         Chlorothoromethane         1,2-Dichlorobenzene         1,3-Dichlorobenzene         1,4-Dichlorobenzene         1,4-Dichlorobenzene         1,2-Dichlorothane         1,2-Dichlorothane         1,2-Dichlorothane         1,2-Dichlorothane         1,2-Dichlorothane         1,2-Dichloropropane         Cis-1,3-Dichloropropene         Trans-1,3-Dichloropropene         Ethyl Benzene         Methylene Chloride         1,1,2-Tetrachloroethane         1,1,2-Tetrachloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane         1,1,2-Tichloroethane	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5	TUES, 16 MAY 95           <5	WED, 17 MAY 95           <5

		OLPH AFB,		10 MAY 1005		
VVASTEVVAT		d South Sev		19 WAT 1995		
	South S	ide Sewer	North Side Sewer			
	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE		
EPA METHOD 606/625 (ug/L)	TUES, 16 MAY 95	WED, 17 MAY 95	TUES, 16 MAY 95	WED, 17 MAY 95		
Acenaphthene	<10 <10	<10 <10	<10 <10	<10 <10		
Acenaphthylene Anthracene	<10	<10	<10	<10		
Benzidine	<50	<50	<50	<50		
Benzo(a)anthracene	<10	<10	<10	<10		
Benzo(b)fluoranthene	<10	<10	<10	<10		
Benzo(k)fluoranthene	<10	<10	<10	<10		
Benzo(a)pyrene	<10	<10 <10	<10 <10	<10 <10		
Benzo(ghi)perylene Benzyl butyl phthalate	<10 <10	<10	<10	<10		
Benzyl butyl primalate Bis(2-chloroethyl)ether	<10	<10	<10	<10		
Bis(2-chloroethoxy)methane	<10	<10	<10	<10		
Bis(2-ethylhexyl)phthalate	20	11	10			
Bis(2-chloroisopropyl)ether	<10	<10	<10	<10		
4-Bromophenyl phenyl ether	<10	<10	<10	<10		
2-Chloronaphthalene	<10	<10	<10	<10		
4-Chlorophenyl phenyl ether	<10	<10	<10	<10		
Chrysene	<10	<10	<10	<10		
Dibenzo(a,h)anthracene	<10	<10	<10	<10		
Di-n-butylphthalate 1.2-Dichlorobenzene	<10 <10	14	<10 <10	<10 <10		
1,2-Dichlorobenzene	<10	<10	<10	<10		
1.4-Dichlorobenzene	<10	<10	<10	<10		
3.3-Dichlorobenzidine	<20	<20	<20	<20		
Diethyl phthalate	10	16	40	21		
Dimethyl phthalate	<10	<10	<10	<10		
2,4-Dinitrotoluene	<10	<10	<10	<10		
2,6-Dinitrotoluene	<10	<10	<10	<10		
Di-n-octyl phthalate	<10	<10 <10	<10	<10 <10		
Fluoranthene Fluorene	<10 <10	<10	<10 <10	<10		
Hexachlorobenzene	<10	<10	<10	<10		
Hexachlorobutadiene	<10	<10	<10	<10		
Hexachlorocyclopentadiene	<10	<10	<10	<10		
Hexachloroethane	<10	<10	<10	<10		
Indeno(1,2,3-cd)pyrene	<10	<10	<10	<10		
lsophorone	<10	<10	<10	<10		
Naphthalene	<10	<10	<10	<10		
Nitrobenzene	<10	<10 <10	<10 <10	<10 <10		
N-Nitrosodimethylamine N-Nitrosodi-n-propylamine	<10 <10	<10 <10	<10	<10		
N-Nitrosodi-n-propylamine	<10	<10	<10	<10		
Phenanthrene	<10	<10	<10	<10		
Pyrene	<10	<10	<10	<10		
1,2,4-Trichlorobenzene	<10	<10	<10	<10		
4-Chioro-3-methyiphenol	<10	<10	<10	<10		
2-Chlorophenol	<10	<10	<10	<10		
2,4-Dichlorophenol	<10	<10	<10	<10		
2,4-Dimethylphenol	<10	<10	<10	<10		
2,4-Dinitrophenol	<50 <50	<50 <50	<50 <50	<50 <50		
2-Methyl-4,6-dinitrophenol 2-Nitrophenol	<10	<10	<10	<10		
2-Nitrophenol	<50	<50	<50	<50		
Pentachlorophenol	<50	<50	<50	<50		
Phenol	<10	<10	10			
2,4,6-Trichlorophenol	<10	<10	<10	<10		
SAMPLE NUMBER	GN950276	GN950520	GN950271	GN950516		

# RANDOLPH AFB, TEXAS WASTEWATER CHARACTERIZATION SURVEY: 12 MAY - 19 MAY 1995 Arts & Crafts Lift Station, Corrosion Control and NDI

	Arts & Crafts Lift Station	Corrosio	n Control*		NDI	
·····	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE		COLLECTION DATE
GROUP A & B ANALYTES (mg/L)	THU, 18 MAY 1996	THU, 18 MAY 1996	THU, 18 MAY 1996	THU, 18 MAY 1995		THU, 18 MAY 1995
Chemical Oxygen Demand	530	262	Not Requested	9040	EPA METHOD \$96/625 (ug/L)	
Oil and Grease	31.2	Not Requested	Not Requested	Not Requested	Acenaphthene	<85/<130*
Total Petroleum Hydrocarbon	19.2	Not Requested	Not Requested	Not Requested	Acenaphthylene	<85/<130* <85/<130*
	· · · · · · · · · · · · · · · · · · ·				Anthracene Benzidine	<425/<650*
GROUP D ANALYTES (mg/L) Cyanide	Not Requested	Not Requested	Not Requested	<0.005	Benzo(a)anthracene	<85/<130*
Cyanide	Not Requested	Not Nequested	Not Nequested	-0.000	Benzo(b)fluoranthene	<85/<130*
GROUP F ANALYTES (mg/L)					Benzo(k)fluoranthene	<85/<130*
Aluminum	0.557	. 0.048	0.037		Benzo(a)pyrene	<85/<130*
Antimony	<0.006	<0.006	<0.006	<0.006	Benzo(ghi)perylene	<85/<130*
Arsenic	<0.010	<0.010	<0.010		Benzyl butyl phthalate	<85/<130*
Barium	0.206	0.159	0.173	<0.004	Bis(2-chloroethyl)ether Bis(2-chloroethoxy)methane	<85/<130* <85/<130*
Beryllium	<0.004 0.001	<0.004 <0.001	<0.004	< 0.004	Bis(2-ethylhexyl)phthalate	<85/<130*
Cadmium Total Chromium	<0.010	0.835	0.903		Bis(2-chloroisopropyl)ether	<85/<130*
Cobalt	<0.050	<0.050	<0.050	<0.050	4-Bromophenyl phenyl ether	<85/<130*
Copper	D.066	<0.020	<0.020	0:117	2-Chloronaphthalene	<85/<130*
iron	1.48	0.197	0.19	0.223	4-Chlorophenyl phenyl ether	<85/<130*
Lead	D:041	0.029	0.03		Chrysene	<85/<130*
Manganese	0.089	<0.030	<0.030	<0.030	Dibenzo(a,h)anthracene	<85/<130*
Mercury	<0.0002	<0.0002	<0.0002	< 0.0002	Di-n-butyiphthalate	<85/<130*
Molybdenum	<0.030	<0.030	<0.030	<0.030	1,2-Dichlorobenzene	<85/<130* <85/<130*
Nickel	<0.030	0.041	0.046 <0.010	<0.030 <0.010	1,3-Dichlorobenzene 1,4-Dichlorobenzene	<85/<130* <85/<130*
Selenium	<0.010 <0.010	<0.010 <0.010	<0.010	<0.010	1,4-Dichlorobenzidine	<170/<260*
Silver	<0.010	<0.002	<0.002	<0.010	Diethyl phthalate	<85/<130*
Thallium Titanium	<0.002	<0.002	<0.002	<0.050	Dimethyl phthalate	<85/<130*
Vanadium	<0.050	<0.050	<0.050	<0.050	2,4-Dinitrotoluene	<85/<130*
Zinc	D:139	0.175	0.479			<85/<130*
	1				Di-n-octyl phthalate	<85/<130*
Group G (mg/L)					Fluoranthene	<85/<130*
Total Dissolved Solids (TDS)	1044	252	280		Fluorene	<85/<130*
1					Hexachiorobenzene	<85/<130*
ON SITE ANALYSES					Hexachlorobutadiene	<85/<130*
pH (units)	6.5	7		7	Hexachlorocyclopentadiene	<85/<130* <85/<130*
Temperature (°F)	72	67		68	Hexachloroethane Indeno(1,2,3-cd)pyrene	<85/<130*
SAMPLE NUMBERS	GN950517,GN950521	GN050388 GN05038	GN950391,GN95039	GN950393,GN95039	Isophorone	<85/<130*
SAMPLE NUMBERS	GI4350517,GI4350521	611350500,61135055	01000001,01100000	01100000,01100000	Naphthalene	<85/<130*
	COLLECTION DATE	COLLECTION DATE			Nitrobenzene	<85/<130*
VOLATILE COMPOUNDS (ug/L)	THU, 18 MAY 1995	THU, 18 MAY 1995			N-Nitrosodimethylamine	<85/<130*
Benzene	<1.0	<10	1		N-Nitrosodi-n-propylamine	<85/<130*
Benzyl Chloride	<1.0	<10	1		N-Nitrosodiphenylamine	<85/<130*
Bromobenzene	<1.0	<10	ļ		Phenanthrene	<85/<130*
Bromodichloromethane	<1.0	<10	1		Pyrene	<85/<130*
Bromoform	<1.0	<10	Į		1,2,4-Trichlorobenzene	<85/<130* <85/<130*
Bromomethane	<1.0	<10 <10			4-Chloro-3-methylphenol 2-Chlorophenol	<85/<130*
Carbon tetrachloride Chlorobenzene	<1.0 <1.0	<10			2.4-Dichlorophenol	<85/<130*
Chlorodibromomethane	<1.0	<10			2,4-Dimethylphenol	<85/<130*
Chloroethane	<1.0	<10			2,4-Dinitrophenol	<425/<650*
Chloroform	<1.0	<10			2-Methyl-4,6-dinitrophenol	<425/<650*
2-Chlorethylvinyl Ether	<1.0	<10	]		2-Nitrophenol	<85/<130*
Chloromethane	<1.0	<10	1		4-Nitrophenol	<425/<650*
Chlorodibromomethane	<1.0	<10	1		Pentachiorophenol	<425/<650*
Dibromomethane	<1.0	<10	4		Phenol	150/370 <85/<130*
1,2-Dichlorobenzene	<1.0	<10	1		2,4,6-Trichlorophenol	-00/-100"
1,3-Dichlorobenzene 1,4-Dichlorobenzene	<1.0 <1.0	<10 <10	1		SAMPLE NUMBER	GN950395/GN950396*
1,4-Dichloropenzene Dichlorodifluoromethane	<1.0	<10	1			
Dichlorodifluoromethane	<1.0	<10	1			
1.2-Dichloroethane	<1.0	<10	1			
1,1-Dichloroethene	<1.0	<10	1			
Trans-1,2-Dichloroethene	<1.0	<10	1			
1,2-Dichloropropane	<1.0	<10	]			
Cis-1,3-Dichloropropene	<1.0	<10	1			
Trans-1,3-Dichloropropene	<1.0	<10	1			
Ethyl Benzene	4.55		1			
Methylene Chloride	<1.0	<10	<b>i</b>			
1,1,1,2-Tetrachloroethane	<1.0 <1.0	<10 <10	1			
1,1,2,2-Tetrachloroethane Tetrachloroethylene	<1.0	<10	1			
Toluene	14.4	11.6	1			
1,1,1-Trichloroethane	<1.0	<10	1			
1,1,2-Trichloroethane	<1.0	<10	1			
Trichloroethylene	<1.0	<10	1			
Trichlorofluoromethane	<1.0	<10	]			
1,2,3-Trichloropropane	<1.0	<10	]			
Vinyl Chloride	<1.0	<10	]			
		<10				
o-Xylene	9.65					
o-Xylene m-Xylene	20	8.5				
o-Xylene						

\* Duplicate Site Sample

. 0		DOLPH AFB, T	TEXAS		
	IL/WATER SEPAR	ATOR SURVEY: 1	5 MAY - 16 MAY 1	995	
	AUTO HOBE	Y SHOP AND	BI DG 11662		
			DUPLICATE OF EFFLUENT	RI DG 11662 INFI LIENT	BLDG 11662 EEELLIEN
	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE
ROUP A & B ANALYTES (mg/L)	MON, 15 MAY 1995	MON, 15 MAY 1995	MON, 15 MAY 1995	MON, 15 MAY 1995	MON, 15 MAY 1995
Chemical Oxygen Demand	4320			379	3
otal Petroleum Hydrocarbon	112.8			19.52	41
SROUP F ANALYTES (mg/L)					
Aluminum	0.011	1.56		0.131	0.2
Arsenic	<0.010	<0.010	<0.010	<0.010	<0.010
Barium	0.43		0.224	0.053	0.0
Beryllium Cadmium	<0.004	<0.004	<0.004	<0.004 0.01	<0.004 D:0
fotal Chromium	0.018		<0.010	0.062	D.1
Cobalt	<0.050	<0.050	<0.050	<0.050	<0.050
Copper	0.627 6.78	0.086 3.15	0.075 2.91	<0.020	0,0 1.
ead	0.736			0.012	0;0
langanese	0.109	0.131	0.122	0.047	0.0
Aercury Achibdeaum	<0.0002	<0.0002 <0.030	<0.0002 <0.030	<0.0002 <0.030	<0.0002 <0.030
Notybdenum Nickel	<0.030	<0.030	<0.030	<0.030	<0.030
Selenium	<0.010	<0.010	<0.010	<0.010	<0.010
Silver	<0.010 <0.002	<0.010 <0.002	<0.010 <0.002	<0.010 <0.002	<0.010 <0.002
Thallium	<0.002	<0.002	<0.002	<0.002	<0.002
/anadium	<0.050	<0.050	<0.050	<0.050	<0.050
Zinc	2.09	0,26	0,245	0.162	0.2
Group G (mg/L)					
Total Dissolved Solids (TSS/TDS)	2160	2104	1828	872	1
Surfactants	7.8	26	20	6.2	7
ON SITE ANALYSES					· · · · · · · · · · · · · · · · · · ·
of (units)	6.2	6	6	6.6	6
emperature (°F)	74	74	74	72	
SAMPLE NUMBERS	GN950583, GN950584	GN950586, GN950587	CN950589, GN950590	GN950592.GN950593	GN950595,GN950596
	0100000, 0100004	011350500, 011350501	0100000, 01000000	011300032.011300030	011300030,011300030
	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE
OLATILE COMPOUNDS (ug/L) Benzene	MON, 15 MAY 1995 <1.0	MON, 15 MAY 1995 1.5	MON, 15 MAY 1995	MON, 15 MAY 1995 <1.0	MON, 15 MAY 1995
Benzyl Chloride	<1.0	<10	<1.0	<1.0	<1.0
Bromobenzene	<1.0	<10	<1.0	<1.0	<1.0
Bromodichloromethane	<1.0 <1.0	<10 <10	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0
Bromomethane	<1.0	<10	<1.0	<1.0	<1.0
Carbon tetrachloride	<1.0	<10	<1.0	<1.0	<1.0
Chlorobenzene	<1.0	<10 <10	<1.0 <1.0	<1.0 <1.0	<1.0
This sealth seams and address a					40
Chlorodibromomethane	<1.0	<10			<1.0 <1.0
Chlorodibromomethane Chloroethane Chloroform		<10 <10	<1.0 <1.0 <1.0	<1.0 <1.0	<1.0 <1.0 <1.0
Chloroethane Chloroform 2-Chlorethylviny! Ether	<1.0 1.5 <1.0 <1.0	<10 <10	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0
Chloroethane Chloroform 2-Chlorethylviny! Ether Chloromethane	<1.0 1.5 <1.0 <1.0 12.44	<10 <10 <10	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0
Chloroethane Chloroform 2-Chlorethylviny! Ether	<1.0 1.5 <1.0 <1.0	<10 <10	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0
Chloroethane Chloroform -ChlorothyWiny! Ether ChlorothrethyWiny! Ether Chlorodibromomethane Jibromomethane Jibromomethane ,2-Dichlorobenzene	<1.0 <1.0 <1.0 <1.0 <1.0 12.44 <1.0 <1.0 <1.0 <1.0	<10 <10 <10 <10 <10 <10	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Chloroethane Chloroethylwinyl Ether Chloroethylwinyl Ether Chlorodibromomethane Dibromomethane 	<1.0 <1.0 <1.0 <1.0 12.44 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<10 <10 <10 <10 <10 <10 <10 <10	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Chloroethane ChloroethyWinyl Ether 2-ChlorethyWinyl Ether Chlorodibromomethane Dibromomethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene	<1.0 1.5 <1.0 <1.0 12.44 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Chloroethane Chloroethane Chloroethylwinyl Ether Chloromethane Dibromomethane Dibromomethane ,2-Dichlorobenzene ,3-Dichlorobenzene Dichlorodifluoromethane ,1-Dichloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10 <1.10	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Chloroethane Chloroethane Chlorodthylinyl Ether Chlorodthane Chlorodthomomethane Chlorodthomomethane (,2-Dichlorobenzene (,4-Dichlorobenzene Chlorodthuoromethane (,1-Dichloroethane (,2-Dichloroethane	<1.0 1.5 <1.0 <1.0 12.44 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Chloroethane ChloroethyWinyl Ether ChloroethyWinyl Ether Chlorodibromomethane Chlorodibromomethane )Ibromomethane ,2-Dichlorobenzene ,4-Dichlorobenzene Dichlorodifluoromethane ,1-Dichloroethane ,2-Dichloroethane ,1-Dichloroethane ,1-Dichloroethane	<1.0 1.5 <1.0 <1.0 12.44 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Chloroethane Chloroethane Chloroethylwinyl Ether Chloromethane Dibromomethane Dibromomethane ,2-Dichlorobenzene ,3-Dichlorobenzene Dichlorodifluoromethane ,1-Dichloroethane	<1.0 1.5 <1.0 <1.0 12.44 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Chloroethane Chloroethylwinyl Ether Chloroethylwinyl Ether Chlorodibromomethane Chlorobiromomethane (2-Dichlorobenzene (3-Dichlorobenzene (3-Dichlorobenzene (3-Dichloroethane (1-Dichloroethane (1-Dichloroethane (1-Dichloroethane (1-Dichloroethane (1-Dichloroethane (1-Dichloroethane (1-Dichloroethane (1-Dichloroethane (1-Dichloroethane (1-Dichloroethane (1-Dichloroptane (1-Dichloroptane (1-Dichloroptane	<1.0	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Chloroethane ChloroethyWinyl Ether Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane (2-Dichlorobenzene (3-Dichlorobenzene (3-Dichlorobenzene (3-Dichlorobenzene (1-Dichloroethane (1-Dichloroethane (1-Dichloroethane (1-Dichloroethane (1-Dichloroethane (1-Dichloroethane (1-Dichloropthane (1-Dichloropthane (1-Dichloropthane (1-Dichloropthane (1-Dichloropthane (1-Dichloropthane (1-Dichloropthane (1-Dichloropthane (1-Dichloropthane (1-Dichloropthane (1-Dichloropthane (1-Dichloropthane (1-Dichloropthane (1-Dichloropthane (1-Dichloropthane (1-Dichloropthane) (1-Dichloropthane (1-Dichloropthane) (1-Di	<1.0	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Chloroethane Chloroethane Chloroethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorobenzene Chlorodifluorobenzene Chlorodifluoromethane Chloroethane Chloroethane Chloroethane Chloroethene Chloroethene Chloropropane Chloropropane Chloropropane Chloroethene Chl	<1.0	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
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Chloroethane ChloroethyWinyl Ether ChlorodityWinyl Ether Chlorodibromomethane Chlorodibromomethane 2-Dichlorobenzene 3-Dichlorobenzene 3-Dichlorobenzene 3-Dichlorodifluoromethane 1-Dichloroethane 2-Dichloroethane 1-Dichloroethane 2-Dichloroethane 1-Dichloropropane 2-1,3-Dichloropropane 2-1,3-Dichloropropane Trans-1,3-Dichloropropene Trans-1,3-Dichloropropene Trans-1,3-Dichloropropene Trans-1,3-Dichloropropene Trans-1,3-Dichloropropene Trans-1,3-Dichloropropene Trans-1,3-Dichloropropene Trans-1,3-Dichloropropene 2-Dichloropropene 2-Dichloropropene 2-J,1,2-Tetrachloroethane 1,1,2-Z-Tetrachloroethane	<1.0	<10 <10 <10 <10 <10 <10 <10 <10	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Chloroethane Chloroethane Chloroethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorodibromomethane Chlorobenzene Chlorobenzene Chlorobenzene Chloroethane Chloroethane Chloroethane Chloroethane Chloropropane Chloropropane Chloropropene Chloropropene Chloroethane Chloroethane Chloroethane Chloropropene Chloroethane Chlo	<1.0	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
Chloroethane Chloroethane Chloroethylvinyl Ether Chloroethane Chlorodibromomethane Chlorobiromomethane Chlorobenzene Chlorobenzene Chlorodifluoromethane Chlorodifluoromethane Chlorodifluoromethane Chlorodifluoromethane Chlorodifluoromethane Chlorodifluoromethane Chloroethane Chloroethane Chloroethane Chloropropane Chloropropane Chloropropane Chloropropane Chloropropane Chloroethane Chloroetha	<1.0	<10 <10 <10 <10 <10 <10 <10 <10 <10 <10	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 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## RANDOLPH AFB, TEXAS

OIL/WATER SEPARATOR SURVEY: 15 MAY - 16 MAY 1995

Vehicle Maintenance O/W Seperators and Washrack						
· · · · · · · · · · · · · · · · · · ·	O/W 171#1 influent	O/W 171#1 Effluent	O/W 171#2 Influent	O/W 171#2 Effluent	Washrack Influent	Washrack Effluent
	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE
GROUP A & B ANALYTES (mg/L)	TUE, 16 MAY 1995	TUE, 16 MAY 1995	TUE, 16 MAY 1995	TUE, 16 MAY 1995	TUE, 16 MAY 1995	TUE, 16 MAY 1995
Chemical Oxygen Demand	322	321	7150		219	
Oil and Grease	16240	8392	54600		21.92	137.6 33.6
Total Petroleum Hydrocarbon	15040	2720	36400	3600	10.88	
GROUP F ANALYTES (mg/L)						
Aluminum	38	8.5	11	8.91	0.165	0.046
Antimony	0.024	0.01	0.013		<0.006	0.004
Arsenic	<0.010	<0.010	<0.010	0.035	0.02	0.621
Barium	8.1 <0.004	3.05	1.14	0.623	0.136	<0.097
Beryllium Cadmium	0.47	0.004	0.123			<0.001
Total Chromium		0.468	0.337		<0.010	<0.010
Cobalt	0.062	<0.050	<0.050	<0.050	<0.050	<0.050
Copper	8.91	2.27	4.18			<0.020
Iron	8.63	26.6	54.5	62.8	0.551	0.228
Lead	8.86 0.809	2.7 0.231	0.579	0.687	0.020	0.074
Manganese Mercury	<0.0002	<0.0002	0.0004		<0.0002	<0.0002
Molybdenum	0:377	0,138	0.25	9,13	<0.030	<0.030
Nickel	0.984	0.299	0.545	0.511	<0.030	<0.030
Selenium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Silver	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Thallium	<0.002	<0.002	<0.002	<0.002	<0.002 <0.050	<0.002
Titanlum Vanadium			<0.050	<0.050	<0.050	<0.050
Zinc	17.5	5.89	12.1	4.71	0.158	0.175
Group G (mg/L)						
Total Dissolved Solids (TSS/TDS)	264	215	3920	1916	628	368
Surfactants	1.4	17	6	5	30	4
ON SITE ANALYSES						
pH (units)	7	7	5		7	7
Temperature (°F)	67	68	72	72	67	67
SAMPLE NUMBERS	GN950619,GN950620	GN950622,GN950623	GN950625,GN950626	GN950628,GN950629	GN950631,GN950632	GN950634,GN950635
	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE
VOLATILE COMPOUNDS (ug/L)	TUE, 16 MAY 1995	TUE, 16 MAY 1995	TUE, 16 MAY 1995	TUE, 16 MAY 1995	TUE, 16 MAY 1995	TUE, 16 MAY 1995
Benzene	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0	<1.0
Benzyl Chloride	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0	<1.0
Bromobenzene	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0	<1.0 <1.0
Bromodichloromethane	<500 dilution 1:500 <500 dilution 1:500	<200 dilution 1:200 <200 dilution 1:200	<1000 dilution 1:1000 <1000 dilution 1:1000	<200 dilution 1:200 <200 dilution 1:200	<1.0 <1.0	<1.0
Bromoform Bromomethane	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0	<1.0
Carbon tetrachloride	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0	<1.0
Chlorobenzene	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0	<1.0
Chlorodibromomethane	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0	<1.0
Chloroethane	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0 <1.0	<1.0 <1.0
Chloroform	<500 dilution 1:500 <500 dilution 1:500	<200 dilution 1:200 <200 dilution 1:200	<1000 dilution 1:1000 <1000 dilution 1:1000	<200 dilution 1:200	<1.0	<1.0
2-Chlorethylvinyl Ether Chloromethane	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0	<1.0
Chlorodibromomethane	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0	<1.0
Dibromomethane	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0	<1.0
1,2-Dichlorobenzene	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0	<1.0
1,3-Dichlorobenzene	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0	<1.0
1,4-Dichlorobenzene	-500 dilution 4.500		<1000 dilution 4-4000	<200 dilution 1.200	<10	1<10
	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0 <1.0	<1.0
Dichlorodifluoromethane	<500 dilution 1:500	<200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200	<1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000	<200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0
Dichlorodifluoromethane 1, 1-Dichloroethane 1, 2-Dichloroethane		<200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200	<1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000	<200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200	<1.0 <1.0 <1.0	<1.0 <1.0 <1.0
1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethene	<500 dilution 1:500 <500 dilution 1:500 <500 dilution 1:500 <500 dilution 1:500	<200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200	<1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000	<200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0
1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethene Trans-1,2-Dichloroethene	<pre>&lt;500 dilution 1:500 &lt;500 dilution 1:500</pre>	<200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200	<1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000	<200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane Trans-1,2-Dichloroethane 1,2-Dichloropropane	<500 dilution 1:500 <500 dilution 1:500 <500 dilution 1:500 <500 dilution 1:500 <500 dilution 1:500 <500 dilution 1:500	<200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200	<1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000	<200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane Trans-1,2-Dichloroethane 1,2-Dichloropropane Cis-1,3-Dichloropropane	<500 dilution 1:500 <500 dilution 1:500 <500 dilution 1:500 <500 dilution 1:500 <500 dilution 1:500 <500 dilution 1:500 <500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000	<200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane Trans-1,2-Dichloroethane 1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,3-Dichloropropene	<500 dilution 1:500 <500 dilution 1:500 <500 dilution 1:500 <500 dilution 1:500 <500 dilution 1:500 <500 dilution 1:500	<200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200 <200 dilution 1:200	<1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000 <1000 dilution 1:1000	<200 dilution 1:200	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane Trans-1,2-Dichloroethane 1,2-Dichloropropane Cis-1,3-Dichloropropane	<500 dilution 1:500 <500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000 <1000 dilution 1:1000	<200 dilution 1:200	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethene 1,2-Dichloroptopane Cis-1,3-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane Trans-1,2-Dichloroethene 1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000 <1000 dilution 1:1000	<200 dilution 1:200	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane Trans-1,2-Dichloroethane 1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane Tetrachloroethylene	<500 dilution 1:500 <500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene Toluene	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000 <1000 dilution 1:1000	<200 dilution 1:200	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane Cis-1,3-Dichloropropane Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane	<500 dilution 1:500 <500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane Tetrachloroethylene Toluene	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane Tetrachloroethane Toluene 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroptopane Cis-1,3-Dichloroptopane Cis-1,3-Dichloroptopene Ethyl Benzene Methylene Chloride 1,1,12-Tetrachloroethane 1,1,2-Tetrachloroethane Toluene 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane 1,2-Trichloroethane	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,2-Dichloropropene Cis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,1,2-Tetrachloroethane 1,1,2-Zetrachloroethane Tetrachloroethane 1,1,1-Trichloroethane 1,1,2-Tichloroethane 1,1,2-Tichloroethane 1,1,2-Tichloroethane Trichloroethylene Trichloroethylene Trichloroethylene Trichloroethane 1,2,3-Tichloropene Vinyl Chloride	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,1,2-Tetrachloroethane 1,1,2-Z-tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene Trichloroethylene Trichloroethylene Trichloroethylene 1,2,3-Trichloropthane 1,2,3-Trichloropthane 1,2,3-Trichloropthane 1,2,3-Trichloropthane 1,2,3-Trichloropthane 1,2,3-Trichloropthane 1,2,3-Trichloropthane 1,2,3-Trichloropthane 0,2,3-Trichloropthane 0,3-Trichloropthane 0,3-Trichlor	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200 <200 dilution 1:20	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0
1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Trans-1,2-Dichloroethene 1,2-Dichloropropene Cis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1,2-Tetrachloroethane 1,1,2-Tichloroethane 1,2,3-Tichloroethane 1,2,3-Tichloroethane	<500 dilution 1:500	<200 dilution 1:200	<1000 dilution 1:1000	<200 dilution 1:200	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0

#### RANDOLPH AFB, TEXAS OIL/WATER SEPARATOR SURVEY: 15 MAY - 16 MAY 1995 T-38 Washrack, Refueling and AGE OW Separators

	T-38 Washrack, Refueling and AGE OW Seperators					
	T-38 WR Influent	T-38 WR Effluent	T-38 WR Pit		AGE WR Influent	AGE WR Effluent
	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE TUE, 16 MAY 1995	COLLECTION DATE TUE, 16 MAY 1995
GROUP A & B ANALYTES (mg/L) Chemical Oxygen Demand	TUE, 16 MAY 1995	TUE, 16 MAY 1996 760	TUE, 16 MAY 1995 3720	TUE, 16 MAY 1996 920	TUE, 15 MAY 1890 1320	TUE, 16 MAY 1996 890
Oil and Grease	43.6	160	164.8	1408	1424	224
Total Petroleum Hydrocarbon	11.28	37.76	110		1232	64
GROUP F ANALYTES (mg/L)						· · · ·
Aluminum	0.452	0.132	3.71	0.467	2.83	0.168
Antimony	<0.006	<0.006	0.02	0.009	0.011	<0.006
Arsenic	<0.010	<0.010	0.03	<0.010	<0.010	<0.010
Barium	0.089	0.083	0.207	0.101	0.343	0.156
Beryllium	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Cadmium	0.042	0.022	0.269	D.004	D.08	D.Q17
Total Chromium	0.019	0.011	0:129	<0.010	0.058	<0.010
Cobalt	<0.050	<0.050	0.058	<0.050	<0.050	<0.050
Copper	0,148	0,071	1.79	D:042	0:375	0.023
Iron	0.836	0.429	3.95	1.34 0.028	5.55	1.45
Lead	0,042 0.155	0.03 0.158	0.206	0.028	0.35	0.07
Manganese Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Molybdenum	<0.030	<0.030	0.05		<0.030	<0.030
Nickel	<0.030	<0.030	0.169			<0.030
Selenium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Silver	<0.010	<0.010	< 0.010	<0.010	<0.010	<0.010
Thallium	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Titanium			0.082		<0.050	<0.050
Vanadium	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Zinc	0.287	0.157	0.796	0.283		0:104
Group G (mg/L)						
Total Dissolved Solids (TSS/TDS)	1105	755	2000	312	464	480
Surfactants	1	5	1	5	4.6	2.4
					A	
ON SITE ANALYSES		6.5	9			
pH (units) Temperature (°F)	7				66	66
		//		02		
SAMPLE NUMBERS	GN950614	GN950617	GN950638	GN950611	GN950605	GN950608
Gran EE Homberto	GN950613	GN950616	GN950637	GN950610	GN950604	GN950607
	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE	COLLECTION DATE
VOLATILE COMPOUNDS (ug/L)	TUE, 18 MAY 1995	TUE, 16 MAY 1995	TUE, 16 MAY 1996	MON, 16 MAY 1995	TUE, 16 MAY 1995	TUE, 16 MAY 1995
Benzene	<2	<2	<10	<500	<50	<20
Benzyl Chloride	<2	<2	<10	<500	<50	<20
Bromobenzene	<2	<2	<10	<500	<50	<20
Bromodichloromethane	<2	<2	<10	<500	<50	<20
Bromoform	<2	<2	<10	<500	<50	<20
Bromomethane	<2	√2	<10	<500 <500	<50 <50	<20 <20
Carbon tetrachloride Chlorobenzene	<2 <2	<2	<10 <10	<500	<50	<20
Chlorodibromomethane	<2	<2	<10	<500	<50	<20
Chloroethane	<2	<2	<10	<500	<50	<20
Chloroform	<2	<2	<10	<500	<50	<20
2-Chlorethylvinyl Ether	2	<2	<10	<500	<50	<20
Chloromethane	<2	<2	<10	<500	<50	<20
Chlorodibromomethane	<2	<2	<10	<500	<50	<20
Dibromomethane	<2	<2	<10	<500	<50	<20
1,2-Dichlorobenzene	<2	<2	<10	<500	<50	<20
1,3-Dichlorobenzene	<2	<2	<10	<500	<50	<20
1,4-Dichlorobenzene	<2	<2	<10	<500	<50	<20
Dichlorodifluoromethane	<2	<2	<10	<500	<50	<20
1,1-Dichloroethane	8 9 2	2	<10	<500	<50	<20
1,2-Dichloroethane	2 0	<2	<10	<500	<50	<20
1,1-Dichloroethene	22 22	<2 <	<10 <10	<500 <500	<50 <50	<20 <20
Trans-1,2-Dichloroethene 1,2-Dichloropropane	<2 <2	<2 <2	<10	<500	<50	<20
Cis-1,3-Dichloropropene	12/2	<2	<10	<500	<50	<20
Trans-1,3-Dichloropropene	<2	<2	<10	<500	<50	<20
Ethyl Benzene	2	<2	<10	635	<50	<20
Methylene Chloride	<2	<2	<10	<500	<50	<20
1,1,1,2-Tetrachloroethane	<2	<2	<10	<500	<50	<20
1,1,2,2-Tetrachloroethane	<2	<2	<10	<500	<50	<20
Tetrachloroethylene	<2	<2	<10	<500	<50	<20
Toluene	2.6	2.8		630	<50	<20
1,1,1-Trichloroethane	2	<2	<10	<500	<50	<20
1,1,2-Trichloroethane	<2	<2	<10	<500	<50	<20
Trichloroethylene	<2	<2	<10	<500	<50	<20
Trichlorofluoromethane	<2 <2	<2	<10	<500 <500	<50 <50	<20 <20
1 2 2 Triablementaria	<b>1</b> 24		<10		<50	<20
1,2,3-Trichloropropane		<b>1</b> <2				
Vinyl Chloride	<2	<2	<10 <10	<500		
Vinyl Chloride o-Xylene	<2 <2	2.4	<10	2400	<50	<20
Vinyl Chloride o-Xylene m-Xylene	<2 <2 *See Comments	2.4 *See Comments	<10 <10	2400 *See Comments	<50 <50	<20 <20
Vinyl Chloride o-Xylene	<2 <2	2.4	<10 <10	2400	<50 <50	<20

	OIL WATER SEPAR	OLPH AFB, TEX/ ATOR SURVEY: 15 MAY SING MAINTENANC	( - 16 MAY 1995	
	Housing Mx Influent	Housing Mx Effluent		Housing Mx Influen
	COLLECTION DATE	COLLECTION DATE		COLLECTION DATE
GROUP A & B ANALYTES (mg/L)	TUE, 16 MAY 1995	TUE, 16 MAY 1995	EPA METHOD 615 (ug/L)	TUE, 16 MAY 1995
Chemical Oxygen Demand	95		2,4-D	<1.2
Oil and Grease	64.8		2,4-DB Dalapon	<0.91
Total Petroleum Hydrocarbon		10	Dicamba	<0.27
GROUP F ANALYTES (mg/L)		·····	Dichtoroprop	<0.65
Aluminum	0.346	0.315	Dinoseb	<0.07
Antimony	<0.0006	<0.0006	MCPA	<249
Arsenic	0.024		MCPP	<192
Barium	0.066	a second s	Silvex	<0.17 <0.20
Beryllium	<0.004	<0.004	2,4,5-T	~0.20
Cadmium Fotal Chromium	0.072		SAMPLE NUMBER	GN950648
Cobalt	<0.050	<0.050		
Copper	0,055	0.044	EPA METHOD 608 (ug/L)	
ron	0.399	0.466		
ead	0.05		Heptachlor Epoxide	<0.83
Manganese	0.126		Aldrin	<0.04
Aercury	<0.0002	<0.0002	alpha-BHC beta-BHC	<0.03
Aolybdenum	<0.030 <0.030	<0.030 <0.030	delta-BHC	<0.06
	<0.030	<0.030	Lindane (gamma-BHC)	<0.03
Selenium Silver	<0.010	<0.010	Chlordane	<0.14
Thallium	<0.002	<0.002	4,4' DDD	<0.11
Titanium	<0.050	<0.050	4,4' DDE	<0.04
/anadium	<0.050	<0.050	p,p-DDT	<0.12
linc	0.044	0.108		<0.02
			Endosulfan I	<0.14
Group G (mg/L)			Endosulfan II	<0.04
otal Dissolved Solids (TDS)	488	and the second sec	Endosulfan Sulfate	<0.66
Surfactants	6	5	Endrin	<0.06 <0.23
			Endrin Aldehyde	<0.23
ON SITE ANALYSES	6.5	65	Heptachlor Texaphene	<1.0
oH (units)			Arocior 1016	<1.0
emperature (°F)		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Aroclor 1221	<1.0
SAMPLE NUMBERS	GN950641, GN950641	GN950645, GN950646	Aroclor 1232	<1.0
			Aroclor 1242	<0.65
	COLLECTION DATE	COLLECTION DATE	Arocior 1248	<1.0
VOLATILE COMPOUNDS (ug/L)	TUE, 16 MAY 1995	TUE, 16 MAY 1995	Aroclor 1254	<1.0
Benzene	<1.0	<1.0	Aroclor 1260	<1.0
Benzyl Chloride	<1.0	<1.0		010500/7
Bromobenzene	<1.0	<1.0	SAMPLE NUMBER	GN950647
Bromodichloromethane	<1.0	<1.0	4	
Bromoform	<1.0 <1.0	<1.0 <1.0	4	
Bromomethane	<1.0	<1.0	4	
Chlorobenzene	<1.0	<1.0	•	
Chlorodibromomethane	<1.0	<1.0	1	
Chloroethane	<1.0	<1.0	1	
Chloroform	<1.0	<1.0	1	
2-Chlorethylvinyl Ether	<1.0	<1.0	1	
Chloromethane	<1.0	<1.0	4	
Chlorodibromomethane	<1.0	<1.0	4	
Dibromomethane	<1.0	<1.0	4	
,2-Dichlorobenzene	<1.0	<1.0 <1.0	ł	
1,3-Dichlorobenzene	<1.0 <1.0	<1.0	ť	
1,4-Dichlorobenzene Dichlorodifluoromethane	<1.0	<1.0	1	
Jichlorodinuoromethane	<1.0	<1.0	1	
1,2-Dichloroethane	<1.0	<1.0	1 -	
1,1-Dichloroethene	<1.0	<1.0	1	
	<1.0	<1.0	]	
rans-1,2-Dicnioroethene		<1.0		
	<1.0		1	
1,2-Dichloropropane Cis-1,3-Dichloropropene	<1.0	<1.0		
1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,3-Dichloropropene	<1.0 <1.0	<1.0	1	
1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene	<1.0 <1.0 <1.0	<1.0 <1.0		
1,2-Dichloropropane Cis-1,3-Dichloropropene Frans-1,3-Dichloropropene Ethyl Benzene Vlethylene Chloride	<1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0		
1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,1,2-Tetrachloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0		
1,2-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0		
Trans-1,2-Dichloroethene 1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene Toluene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		
1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene Toluene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		
1,2-Dichloropropane Cis-1,3-Dichloropropene Erhyl Benzene Wethylene Chloride 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		
1,2-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene Vethylene Chloride 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Toluene Toluene 1,1,1-Trichloroethane 1,1,2-Trichloroethane	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		
1,2-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1,2-Trichloroethane 1,1,2-Trichloroethane T,1,2-Trichloroethane Trichloroethylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		
1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene Trichloroethylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		
1,2-Dichloropropane Cis-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,2-Trichloroethane 1,2,3-Tichloropropane Vinyl Chloride	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		
1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene Trichloroethylene Trichloroethylene Trichloropthane 1,2,3-Trichloroppane Vinyl Chloride o-Xylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		
1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1,2-Trichloroethane 1,1,2-Trichloroethane Tichloroethylene Trichloroethylene Trichlorofluoromethane 1,2,3-Trichloropropane Vinyl Chloride o-Xylene m-Xylene	<1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		
1,2-Dichloropropane Cis-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Toluene 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene Trichloroethylene Trichloroethylene Trichloroethylene Trichlorofluoromethane 1,2,3-Trichloropopane Vinyl Chloride o-Xylene	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0		

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## RANDOLPH AFB, TEXAS WASTEWATER CHARACTERIZATION SURVEY: 12 MAY - 19 MAY 1995 Reagent and Equipment Blanks

	Reagent Blanks	Equipment Blank		Equipment Blank
GROUP A & B ANALYTES (mg/L)	Sulfuric Acid	Pitcher	EPA METHOD 615 (ug/L)	Pitcher
Chemical Oxygen Demand		<10	2,4-D	<1.9
Oil and Grease	2.96		2,4-DB	<1.4
Total Petroleum Hydrocarbon	2.92		Dalapon	<9
			Dicamba	<0.42
SAMPLE NUMBERS	GN950654	GN950657	Dichloroprop	<1
			Dinoseb	<0.11
GROUP D ANALYTES (mg/L)	NaOH Reagent Blank		MCPA	<388
Cyanide	<0.005		MCPP	<300
			Silvex	<0.27
GROUP E ANALYTES (ug/L)	Sulfuric Acid		2,4,5-T	<0.31
Phenois	62			
			SAMPLE NUMBER	GN950542
SAMPLE NUMBERS	GN950523			
			EPA METHOD 608 (ug/L)	
GROUP F ANALYTES (mg/L)	Nitric Acid			
Aluminum	<0.030	<0.030	Heptachlor Epoxide	<1.06
Antimony	<0.006	<0.006	Aldrin	<0.151
Arsenic	<0.010	<0.010	alpha-BHC	<0.038
Barlum	<0.050	<0.050	beta-BHC	<0.077
Beryllium	<0.004	<0.004	delta-BHC	<0.115
Cadmium	<0.001	<0.001	Lindane (gamma-BHC)	<0.039
Total Chromium	<0.010	<0.010	Chlordane	<0.18
Cobalt	<0.050	<0.050 <0.020	4,4' DDD 4,4' DDE	<0.14 <0.051
Copper	<0.020 <0.030	<0.020	4,4' DDE p.p-DDT	<0.051
iron Lead	<0.030	<0.030	p,p-DD1 Diektrin	<0.154
Manganese	<0.020	<0.020	Endosulfan I	<0.18
Manganese	<0.030	<0.030	Endosulfan li	<0.16
Molybdenum	<0.0002	<0.0002	Endosulfan Sulfate	<0.85
Nickel	<0.030	<0.030	Endrin	<0.077
Selenium	<0.030	<0.030	Endrin Aldehyde	<0.30
Silver	<0.010	<0.010	Heptachlor	<0.39
Thallium	<0.002	<0.002	Texaphene	<1.28
Titanium	<0.050	<0.050	Aroclor 1016	<1.28
Vanadium	<0.050	<0.050	Arocior 1221	<1.28
Zinc	<0.001		Aroclor 1232	<1.28
SAMPLE NUMBERS	GN950653	GN950656	Aroclor 1242	<0.83
			Arocior 1248	<1.28
			Aroclor 1254	<1.28
Group G (mg/L)			Aroclor 1260	<1.28
Total Dissolved Solids (TDS)		55		
Surfactants		<0.1	SAMPLE NUMBER	GN950538
SAMPLE NUMBERS				
SAMPLE NOMBERS		GN950553		
		GN950553		Equipment Blank
VOLATILE COMPOUNDS (ug/L)	HCL Reagent		OROUP A ANALYTES (mg/L)	Sampler
VOLATILE COMPOUNDS (ug/L) EPA 8021/624*	Blank	Trip Blank	OROUP A ANALYTES (mg/L) Chemical Oxygen Demand	
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene	Blank <1.0	Trip Blank <1.0	Chemical Oxygen Demand	Sampler
VOLATILE COMPOUNDS (ug/L) EPA 3021/624* Benzene Benzyl Chloride	Blank <1.0 <1.0	Trip Blank <1.0 <1.0	Chemical Oxygen Demand OROUP D ANALYTES (mg/L)	Sampler 21
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzyl Chloride Bromobenzene	Blank <1.0 <1.0 <1.0	Trip Blank <1.0 <1.0 <1.0	Chemical Oxygen Demand	Sampler
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromobenzene Bromodichloromethane	Blank <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank <1.0 <1.0 <1.0 <1.0 <1.0	Chemical Oxygen Demand OROUP D ANALYTES (mg/L) Cyanide	Sampler 21
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mg/L) Oyanide GROUP E ANALYTES (ug/L)	Sampler 21 <0.005
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzyi Chloride Bromobenzene Bromodichloromethane Bromodicm Bromoform	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Chemical Oxygen Demand OROUP D ANALYTES (mg/L) Cyanide	Sampler 21
VOLATILE COMPOUNDS (ug/L) EPA 8021/524* Benzyl Chloride Bromobenzene Bromodichloromethane Bromodichloromethane Bromonethane Carbon tetrachloride	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Chemical Oxygen Demand OROUP D ANALYTES (mg/L) Cyanide OROUP E ANALYTES (ug/L) Phenois	Sampler 21 <0.005
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodehorzene Bromodehoromethane Bromorethane Bromorethane Carbon tetrachloride Chlorobenzene	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mg/L) Cyanide GROUP E ANALYTES (ug/L) Phenois GROUP F ANALYTES (mg/L)	Sampler 21 <0.005 15
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromobenzene Bromodenzene Bromodenm Bromodem Bromofethane Bromorethane Chlorobenzene Chlorobenzene Chlorobenzene	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mg/L) Cyanide GROUP E ANALYTES (ug/L) Phenois GROUP F ANALYTES (mg/L) Aluminum	Sampler 21 <0.005 15 <0.030
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzyi Chloride Bromobenzene Bromodichloromethane Bromodichloromethane Bromonethane Carbon tetrachloride Chlorodenzene Chlorodenzene Chloroderomomethane Chloroderane	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mgf.) Cyanide GROUP E ANALYTES (ugf.) Phenois GROUP F ANALYTES (mgf.) Aluminum Antimony	Sampler 21 <0.005 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodichloromethane Bromodichloromethane Bromorethane Carbon tetrachloride Chlorobenzene Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chloroform	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mg/L) Cyanide GROUP E ANALYTES (ug/L) Phenois GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic	Sampler 21 <0.005 <0.005 <0.030 <0.006 <0.010
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodenzene Bromodenzene Bromodenm Bromonethane Carbon tetrachloride Chlorodenzene Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromm 2-Chlorethylvinyl Ether	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mg/L) Cyanide GROUP E ANALYTES (mg/L) Phenois GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Bartum	Sampler 21 <0.005 <0.030 <0.030 <0.030 <0.006 <0.010 <0.050
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodichloromethane Bromodichloromethane Bromorethane Carbon tetrachloride Chlorobenzene Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chloroform	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mg/L) Cyanide GROUP E ANALYTES (ug/L) Phenois GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic	Sampler 21 <0.005 <0.005 <0.030 <0.006 <0.010
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromobenzene Bromodichloromethane Bromoform Bromomethane Carbon tetrachloride Chlorobenzene Chloroberzene Chloroform 2-Chlorethylwinyl Ether Chlorotethylwinyl Ether	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank           <1.0	Chemical Oxygen Demand OROUP D ANALYTES (mgf.) Cyanide OROUP E ANALYTES (ug/L) Phenois OROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Barlum Beryllium	Sampler 21 <0.005 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodichloromethane Bromodichloromethane Bromoform Bromonethane Carbon terachloride Chlorobenzene Chlorodbromomethane Chloroform 2-Chlorethylvinyl Ether Chloromethane Chloromethane Chloromethane	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mg/L) Cyanide GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Bartum Beryllium Cadmium	Sampler 21 <0.005 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodehoromethane Bromodehoromethane Bromonethane Carbon tetrachloride Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Dibromomethane	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mg/L) Cyanide GROUP E ANALYTES (ug/L) Phenois GROUP F ANALYTES (ug/L) Aluminum Antimony Arsenic Barlum Beryillum Ceadmium Total Chromium	Sampler 21 <0.005 
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodehorzene Bromodehoromethane Bromodehoromethane Carbon tetrachloride Chlorodenzene Chlorodbromomethane Chlorodbromomethane Chlorodenzene Chlorodenzene Chloromethane Chloromethane Chloromethane Dibromomethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank           <1.0	Chemical Oxygen Demand OROUP D ANALYTES (mg/L) Cyanide OROUP E ANALYTES (ug/L) Phenois OROUP F ANALYTES (ug/L) Aluminum Antimony Arsenic Barlum Beryllium Cadmium Total Chromium Cobper Iron	Sampler 21 <0.005 <0.005 <0.006 <0.006 <0.010 <0.050 <0.004 <0.050 <0.001 <0.050 <0.050 <0.001 <0.050 <0.050 <0.050 <0.050 <0.020 <0.020
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromobenzene Bromobenzene Bromoform Bromonethane Carbon tetrachloride Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodfluoromethane	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mgf.) Cyanide GROUP E ANALYTES (mgf.) GROUP E ANALYTES (mgf.) Auminum Antimony Arsenic Barlum Beryllium Cadmium Total Chromium Coobalt Cooper Iron Lead	Sampler 21 <0.005 (0.005) (0.006) <0.000 (0.001) <0.050 <0.001 <0.050 <0.001 <0.050 <0.001 <0.050 <0.0020 <0.020
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodichloromethane Bromodichloromethane Bromoform Bromoform Bromonethane Carbon terachloride Chlorodbromomethane Chlorodbromomethane Chloroform 2-Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodfluoromethane	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank           <1.0	Chemical Oxygen Demand Chemical Oxygen Demand Cyanide OROUP & ANALYTES (mgfL) Phenois GROUP F ANALYTES (mgfL) Aluminum Antimony Arsenic Barlum Barlum Cadmium Total Chromium Cobalt Copper Iron Lead Manganese	Sampler 21 <0.005 (0.005) (0.005) (0.005) (0.006) (0.006) (0.006) (0.006) (0.006) (0.006) (0.001) (0.001) (0.001) (0.001) (0.020) (0.030) (0.030) (0.030)
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodichoromethane Bromodichoromethane Bromorform Bromorefhane Carbon terachloride Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodethane Chloromethane Chloromethane Chloromethane Dibromomethane Dibromomethane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorothane (1,2-Dichlorothane	Blank           <1.0	Trip Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mg/L) Cyanide GROUP E ANALYTES (ug/L) Phenols GROUP F ANALYTES (ug/L) Aluminum Antimony Arsenic Bartum Beryillum Cobait Cooper Iron Lead Manganese Mercury	Sampler 21 <0.005 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodichloromethane Bromodichloromethane Bromoform Bromonethane Carbon tetrachloride Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorothane Dichlorodfluoromethane Dichlorodfluoromethane 1,2-Dichlorothane 1,2-Dichlorothane 1,1-Dichloroethane	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mg/L) Cyanide GROUP E ANALYTES (ug/L) Phenois GROUP F ANALYTES (ug/L) Auminum Antimony Arsenic Barlum Beryllium Cadmium Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum	Sampler 21 <0.005 (0.005) (0.006) <0.006 <0.006 <0.050 <0.001 <0.050 <0.001 <0.050 <0.001 <0.050 <0.001 <0.050 <0.020 <0.020 <0.030 <0.020 <0.030 <0.002 <0.030
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodichloromethane Bromodichloromethane Bromodichloromethane Carbon tetrachloride Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene Dichlorodfluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane	Blank           <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mgfL) GROUP B ANALYTES (mgfL) OROUP E ANALYTES (mgfL) Phenois GROUP F ANALYTES (mgfL) Aluminum Antimony Arsenic Barlum Barlum Barlum Cadmilum Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel	Sampler 21 <0.005 (0.005) (0.005) (0.005) (0.006) (0.006) (0.006) (0.006) (0.001) (0.050) (0.001) (0.050) (0.001) (0.000) (0.030) (0.030) (0.030) (0.030) (0.030)
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodichoromethane Bromodichoromethane Bromodichoromethane Carbon terachloride Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Dibromomethane Dibromomethane Dibromomethane 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorodbrane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	Blank           <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mg/L) GROUP D ANALYTES (mg/L) OROUP F ANALYTES (mg/L) Aluminum Antimony Antimony Artenic Barlum Barlum Cadmium Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Sampler 21 <0.005 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzene Bromodehoromethane Bromodehoromethane Bromodehoromethane Bromodehoromethane Carbon tetrachloride Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Dibromomethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mg/L) Cyanide GROUP E ANALYTES (ug/L) Phenois GROUP F ANALYTES (ug/L) Phenois GROUP F ANALYTES (mg/L) Auminum Antimony Arsenic Barlum Beryllium Cadmium Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	Sampler 21 <0.005 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzene Bromobenzene Bromodenzene Bromoform Bromonethane Carbon tetrachioride Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Trans-1,2-Dichloroethene Trans-1,3-Dichloropene Trans-1,3-Dichloropene	Blank           <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mgf.) Cyanide GROUP E ANALYTES (mgf.) GROUP E ANALYTES (mgf.) Auminum Autimony Arsenic Barlum Beryllium Cadmium Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Thallium	Sampler 21 <0.005 (0.005) (0.005) (0.006) (0.006) (0.006) (0.001) (0.050) (0.001) (0.050) (0.001) (0.050) (0.001) (0.050) (0.020) (0.030) (0.0
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodichioromethane Bromodichioromethane Bromodichioromethane Carbon tetrachloride Chlorodbromorethane Chlorodbromorethane Chlorodbromorethane Chlorodbromorethane Chlorodbromorethane Chlorodbromorethane Chlorodbromorethane Chlorodbromorethane Dibromorethane Dibromorethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorodbrane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropene Trans-1,3-Dichloropropene Trans-1,3-Dichloropropene Ethyl Benzene	Blank           <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mg/L) Cyanide OROUP E ANALYTES (mg/L) Phenois OROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Bartum Berylillum Cadmium Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Thallium Titanium	Sampler 21 <0.005 <0.005 <0.005 <0.006 <0.010 <0.050 <0.001 <0.050 <0.001 <0.050 <0.001 <0.050 <0.020 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.001 <0.050 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzene Bromodehorzene Bromodehorzene Bromodehoromethane Bromodehoromethane Carbon tetrachloride Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Ethyl Benzene Ethyl Benzene	Blank <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mg/L) Cyanide GROUP E ANALYTES (mg/L) Phenois GROUP F ANALYTES (mg/L) Antimony Arsenic Barlum Beryllium Cadmium Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Thallium Titanium	Sampler 21 (0.005) (0.005) (0.006) (0.006) (0.006) (0.006) (0.050) (0.050) (0.050) (0.050) (0.020) (0.030) (0.050) (0.030) (0.050) (0.050) (0.030) (0.050) (0.030) (0.050) (0.030) (0.050) (0.030) (0.050) (0.030) (0.050) (0.030) (0.050) (0.030) (0.050) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.050) (0.030) (0.050) (0.
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodenzene Bromodenzene Bromodom Bromonethane Carbon tetrachloride Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorodfluoromethane Dibriorodfluoromethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropene Trans-1,3-Dichloropene Trans-1,3-Dichloropene Trans-1,3-Dichloropene Trans-1,3-Dichloropene Trans-1,3-Dichloropene Chlorde 1,1,1,2-Ettachloroethane	Blank           <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mg/L) Cyanide OROUP E ANALYTES (mg/L) Phenois OROUP F ANALYTES (mg/L) Aluminum Antimony Arsenic Bartum Berylillum Cadmium Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Thallium Titanium	Sampler 21 <0.005 <0.005 <0.005 <0.006 <0.010 <0.050 <0.001 <0.050 <0.001 <0.050 <0.001 <0.050 <0.020 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.001 <0.050 <0.030 <0.030 <0.030 <0.030 <0.020 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodichloromethane Bromodichloromethane Bromodichloromethane Carbon terachloride Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropene Trans-1,3-Dichloropropene Ethyl Benzene Mettylene Chloride 1,1,2-Zetrachloroethane 1,1,2-Zetrachloroethane	Blank           <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mgf.) Cyanide OROUP E ANALYTES (mgf.) Phenois GROUP F ANALYTES (mgf.) Aluminum Antimony Arsenic Barlum Barlum Cadmium Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Thallium Titanium Vanadium Zinc	Sampler 21 <0.005 <0.005 <0.005 <0.006 <0.010 <0.050 <0.004 <0.001 <0.050 <0.001 <0.050 <0.001 <0.050 <0.020 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.050 <0.030 <0.050 <0.030 <0.050 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.050 <0.030 <0.030 <0.030 <0.050 <0.050 <0.030 <0.030 <0.030 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodehorzene Bromodehorzene Bromodehorzene Bromodehorzene Bromodehorzene Chlorodbromontthane Chlorodbromontthane Chlorodbromontthane Chlorodbromontthane Chlorodbromontthane Chlorodbromontthane Dibromomethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Zichloroethane 1,2-Zichloroethane 1,2-Zichloroethane 1,1,2-Zietrachloroethane 1,1,2-Zietrachloroethane 1,1,2-Zietrachloroethane 1,1,2-Zietrachloroethane	Blank           <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mg/L) Cyanide GROUP E ANALYTES (mg/L) Phenois GROUP F ANALYTES (mg/L) Antimony Arsenic Barlum Beryllium Cadmium Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Thallium Titanium	Sampler 21 (0.005) (0.005) (0.006) (0.006) (0.006) (0.050) (0.050) (0.050) (0.050) (0.050) (0.050) (0.020) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.050) (0.
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzene Bromodehoromethane Bromodehoromethane Bromodehoromethane Bromodehoromethane Carbon tetrachloride Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Dichorodbromomethane Dichorodbromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropene Ethyl Benzene Kethyle Chloropene Ethyl Benzene Methylene Chlorde 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane Tetrachloroethylene Toluene	Blank           <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mgf.) Cyanide OROUP E ANALYTES (mgf.) Phenois GROUP F ANALYTES (mgf.) Aluminum Antimony Arsenic Barlum Barlum Cadmium Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Thallium Titanium Vanadium Zinc	Sampler 21 <0.005 <0.005 <0.005 <0.006 <0.010 <0.050 <0.004 <0.001 <0.050 <0.001 <0.050 <0.001 <0.050 <0.020 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.050 <0.030 <0.050 <0.030 <0.050 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.030 <0.050 <0.030 <0.030 <0.030 <0.050 <0.050 <0.030 <0.030 <0.030 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodichloromethane Bromodichloromethane Bromotorm Bromorethane Carbon terachloride Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorotethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropene Trans-1,2-Dichloropropene Trans-1,2-Dichloropropene Ethyl Benzene Mettylene Chloride 1,1,1,2-Tetrachloroethane 1,1,1,2-Tetrachloroethane 1,1,1,2-Tetrachloroethane 1,1,1,2-Tetrachloroethane Toluene	Blank           <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mgf.) Cyanide OROUP E ANALYTES (mgf.) Phenois GROUP F ANALYTES (mgf.) Aluminum Antimony Arsenic Barlum Barlum Cadmium Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Thallium Titanium Vanadium Zinc	Sampler 21 (0.005) (0.005) (0.006) (0.006) (0.006) (0.050) (0.050) (0.050) (0.050) (0.050) (0.050) (0.020) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.050) (0.
VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodichoromethane Bromodichoromethane Bromodichoromethane Bromorethane Carbon terachloride Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Dibromomethane Dibromomethane Dibromomethane Dibromomethane Dibromomethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorodbrane Chlorodfluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane Trans-1,2-Dichloroethene Trans-1,2-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,1,2-Tetrachloroethane 1,1,2-Dichloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tichloroethane 1,1,2-Tichloroethane 1,1,2-Tichloroethane	Blank           <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mgf.) Cyanide OROUP E ANALYTES (mgf.) Phenois GROUP F ANALYTES (mgf.) Aluminum Antimony Arsenic Barlum Barlum Cadmium Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Thallium Titanium Vanadium Zinc	Sampler 21 (0.005) (0.005) (0.006) (0.006) (0.006) (0.050) (0.050) (0.050) (0.050) (0.050) (0.050) (0.020) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.050) (0.
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VOLATILE COMPOUNDS (ug/L) EPA 8021/624* Benzene Benzyl Chloride Bromodichloromethane Bromodichloromethane Bromodichloromethane Chlorobenzene Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane Chlorodbromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropene Ethyl Benzene Methylene Chloride 1,1,12-Tetrachloroethane 1,1,2-Zretrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Tichloropropane Cluene 1,1,2-Trichloroethane 1,2,3-Tichloropropane 1,2,3-Tichloropropane Vinyl Chloride 1,2,3-Tichloropropane Vinyl Chloride 0-Xylene	Blank           <1.0	Trip Blank           <1.0	Chemical Oxygen Demand GROUP D ANALYTES (mgf.) Cyanide OROUP E ANALYTES (mgf.) Phenois GROUP F ANALYTES (mgf.) Aluminum Antimony Arsenic Barlum Barlum Earlium Cadmium Total Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Thallium Titanium Vanadium Zinc	Sampler 21 (0.005) (0.005) (0.006) (0.006) (0.006) (0.050) (0.050) (0.050) (0.050) (0.050) (0.050) (0.020) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.030) (0.050) (0.
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# RANDOLPH AFB, TEXAS WASTEWATER CHARACTERIZATION SURVEY: 12 MAY - 19 MAY 1995 Equipment Blanks

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RANDOLPH AFB, TEXAS					
WASTEWATER CHARACTERIZATION SURVEY: 12 MAY - 19 MAY 1995 QA/QC Spikes					
SPIKES	SPIKES	SPIKES	SPIKES	SPIKES	RANGE
ERA LOT 9962	ERA LOT 9962	ERA LOT 9962	ERA LOT 9962	ERA LOT 9962	in ug/L
GROUP F ANALYTES (mg/L)					
Aluminum	0.256	0.213	0.252	0.273	424-610
Antimony	0.805	0.747	0.163	0.158	65.6-103
Arsenic	0.047	0.043	0.045	0.044	81-187
Barium	0.069	0.063	0.069	0.065	130-187
Beryllium	0.05	0.046	0.05	0.047	95.7-138
Cadmium	0.07	0.058	0.09	0.12	120-172
Total Chromium	0.083	0.076	0.083	0.078	85.4-123 126-182
Cobalt	0.067	0.061	0.067		
Copper	0.081	0.074	0.08	0.076	157-226 185-266
lron	0.028	0.092	0.102	0.098	116-167
Lead	0.028	0.02	0.02	0.03	96-138
Manganese	0.049	0.045	0.00	0.040	2.50-4.17
Mercury Molybdenum	0.0007	0.008	0.076	0.072	144-207
Nickel	0.073	0.067	0.070	0.072	137-197
Selenium	0.073	0.044	0.049	0.003	81.3-128
Silver	0.056	0.052	0.049	0.056	106-152
Thallium	0.030	0.032	0.030	0.030	65.6-103
Vanadium	0.073	0.101	0.070	0.104	212-305
Zinc	0.097	0.08	0.125	0.08	126-182
	0.037	0.00	0.120	0.00	120-102
SAMPLE NUMBER	GN950399	GN950500	GN950398	GN950397	
SPIKES	SPIKES	SPIKES	SPIKES	SPIKES	
ERA LOT 9939	ERA LOT 9939	ERA LOT 9962	ERA LOT 9962	ERA LOT 9962	
GROUP A ANALYTES(mg/L)					
Chemical Oxygen Demand	126	136	128	126	133-181 mg/L
GROUP B ANALYTES (mg/L)					
Oil and Grease	71	58	70	60	33.6-70 mg/bt
Total Petroleum Hydrocarbon	71	51	69	54	
GROUP D ANALYTES (mg/L)					
				0.42	0.295-0.513 ug/L
Cyanide		0.39	0.55	0.42	
		0.39	0.55	0.42	•
GROUP E ANALYTES (ug/L)	ERA LOT 9957	ERA LOT 9957			
	ERA LOT 9957 125		0.55	124	0.0889-0.145 mg/L
GROUP E ANALYTES (ug/L) Phenois		ERA LOT 9957 118	125	124	
GROUP E ANALYTES (ug/L) Phenols Group G (mg/L)	125	ERA LOT 9957 118	125 t # WP1187/9962/99	124	0.0889-0.145 mg/L
GROUP E ANALYTES (ug/L) Phenois		ERA LOT 9957 118	125	124	0.0889-0.145 mg/L Lot # WP1187
GROUP E ANALYTES (ug/L) Phenols Group G (mg/L)	125	ERA LOT 9957 118	125 t # WP1187/9962/99	124	0.0889-0.145 mg/L Lot # WP1187 360-470 mg/L
GROUP E ANALYTES (ug/L) Phenols Group G (mg/L)	125	ERA LOT 9957 118	125 t # WP1187/9962/99	124	0.0889-0.145 mg/L Lot # WP1187 360-470 mg/L Lot # 9962
GROUP E ANALYTES (ug/L) Phenols Group G (mg/L)	125	ERA LOT 9957 118	125 t # WP1187/9962/99	124	0.0889-0.145 mg/L Lot # WP1187 360-470 mg/L Lot # 9962 50.8-68.8 or
GROUP E ANALYTES (ug/L) Phenols Group G (mg/L)	125	ERA LOT 9957 118	125 t # WP1187/9962/99	124	0.0889-0.145 mg/L Lot # WP1187 360-470 mg/L Lot # 9962 50.8-68.8 or 1070-1390 mg/L
GROUP E ANALYTES (ug/L) Phenols Group G (mg/L)	125	ERA LOT 9957 118	125 t # WP1187/9962/99	124	0.0889-0.145 mg/L Lot # WP1187 360-470 mg/L Lot # 9962 50.8-68.8 or 1070-1390 mg/L Lot # 9939
GROUP E ANALYTES (ug/L) Phenols Group G (mg/L)	125	ERA LOT 9957 118	125 t # WP1187/9962/99	124	0.0889-0.145 mg/L Lot # WP1187 360-470 mg/L Lot # 9962 50.8-68.8 or 1070-1390 mg/L Lot # 9939 51 - 71 mg/L or
GROUP E ANALYTES (ug/L) Phenois Group G (mg/L)	125	ERA LOT 9957 118	125 t # WP1187/9962/99	124	0.0889-0.145 mg/L Lot # WP1187 360-470 mg/L Lot # 9962 50.8-68.8 or 1070-1390 mg/L Lot # 9939



#### APPENDIX C

Sewer Flow vs Same-Day Rainfall











rain

## APPENDIX D

Sewer Flow vs Three-Day Rainfall



at rain • Fiscal Year=1991

RANDOLPH.



rain





RANDOLPH. at rain Fiscal Year=1994



Sewer flow vs. rain at RANDOLPH. Fiscal Year=1995

## APPENDIX E

Sewer Flow vs Rainfall Ranges, Same-Day



RANDOLPH. Sewer flow vs. rain at

#### **APPENDIX F**

Sewer Flow vs Rainfall Ranges, Three-Day



#### APPENDIX G

Section 4, Industrial Waste Order, Cibolo Creek Municipal Authority

#### SECTION 4. Regulations.

4.1 <u>General Discharge Prohibitions.</u> No user shall indirectly contribute or cause to be contributed, any pollutant or wastewater which will interfere with the operation or performance of the POTW. These general prohibitions apply to all such users of a POTW whether or not the user is subject to National Categorical Pretreatment Standards or any other National, State, or local Pretreatment Standards or Requirements. A user may not contribute the following substances to any POTW:

(a) Any liquids, solids or gases, which by reason of their nature or quantity are, or may be sufficient, either alone or by interaction with other substances, to cause fire or explosion or be injurious in any other way to the POTW or to the operation of the POTW. At no time shall two successive readings on an explosion hazard meter, at the point of discharge into the system, or at any other pint in the system, be more than five percent (5%) nor any single reading be over ten percent (10%) of the Lower Explosive Limit (LEL) of the meter. Prohibited materials include but are not limited to, gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alchohols, ketones, aldehydes, peroxides, chlorates, peroxides, bromates, carbides, hydrides and sulfides and any other substances which the Authority, the State or EPA has notified the user is a fire hazard to the system.

(b) Solid or viscous substances in such quantities and/or qualities which may cause obstruction to the flow in a sewer or other interference with the operation of the wastewater treatment facilities such as, but not limited to: grease, garbage with particles greater than one-half (1/2") in dimension, animal guts or tissues, paunch manure, bones, hair, hides or fleshing, entrails, whole blood, feathers, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grains, spent hops, waste paper, wood, plastics, gas, tar, asphalt residues, residues from refining or processing of fuel or lubricating oil, mud or glass grinding or polishing wastes.

(c) Any wastewater having a strength greater than:

BOD₅	250 mg/l
COD	625 mg/l
TSS	250 mg/1

(NOTE: Under certain conditions, depending upon the constituents in the wastewater, the Authority may agree to accept marginally higher strength wastewater on a continuing basis. In such cases, a special sewer charge will be established for each 1000 gallons of that specific sewer return flow.)

(d) Any wastewater having a pH less than 5.5 or greater than 10.5, or wastewater having any other corrosive property capable of causing inordinate damage or hazard to structures, equipment, and/or personnel of the POTW.

(e) Any wastewater containing toxic pollutants in sufficient quantity, either singly or by interaction with other pollutants, to injure or interfere with any wastewater treatment process, constitute a hazard to humans or animals, create a toxic effect in the receiving stream at the POTW, or to exceed the limitation set forth in a Categorical Pretreatment Standard. A toxic pollutant shall include but not be limited to any pollutant identified pursuant to Section 307(a) of the Act.

(f) Any noxious or malodorous liquids, gases, or solids which either singly or by interaction with other wastes are sufficient to create a public nuisance or hazard to life or are sufficient to physically prevent reasonable safe and/or tolerable human and/or mechanical entry into the sewers for inspection, maintenance and repair purposes.

(g) Any substance which may cause the POTW's effluent or any other product of the POTW such as residues, sludges, or scums, to be unsuitable for normal landfill disposal, land application reclamation or reuse, or to interfere with the reclamation process where the POTW is pursuing a reuse and reclamation program. In no case, shall a substance discharged to the POTW cause the POTW to be in noncompliance with sludge use or disposal criteria, guidelines or regulations developed under Section 405 of the Act; any criteria, guidelines, or regulations affecting sludge use or disposal developed pursuant to the Solid Waste Disposal Act, the Toxic Substances Control Act, the Resource Conservation and Recovery Act, or State criteria applicable to sludge management and/or disposal methods being used.

(k) Any pollutants, including oxygen demanding pollutants (BOD, etc.) released at a flow and/or pollutant concentration which a user knows or should have reason to know will cause interference to the POTW.

(I) Any wastewater containing any radioactive wastes or isotopes of such half life or concentration as may exceed limits as permitted by the most current Federal or State regulations or as established by the Manager in compliance with applicable State or Federal regulations.

(m) Any wastewater which creates a public nuisance. When the Manager determines that a user(s) is indirectly discharging to the POTW any of the above enumerated substances in such quantities or concentrations so as to interfere with the operation or performance of the POTW, he shall; 1) advise the user (s) of the impact of the indirect discharge on the POTW; and 2) develop effluent limitation(s) for such user to correct the interference with the POTW.

4.2 <u>Federal Categorical Pretreatment Standards.</u> After the promulgation of the Federal Categorical Pretreatment Standard for a particular industrial subcategory, and upon expiration of any compliance grace period, the Federal Standard, if more stringent than limitations imposed under this Order for sources in that subcategory, shall supersede and replace the limitations imposed under this Order for that particular industrial subcategory. Federal Categorical Pretreatment Standards that are more stringent than limitations imposed under this Order for sources in a particular industrial subcategory and are already in existence at the time this order becomes effective, shall also supersede and replace the limitations imposed under this Order as they apply to the particular industrial subcategory so regulated. The Manager shall notify all effected users of the modified applicable reporting requirements under 40 CFR, Part 403, Section 403.12.

4.3 <u>Modification of Federal Categorical Pretreatment Standards.</u>
Where the Authority's wastewater treatment system achieves consistent removal of pollutants limited by Federal Pretreatment Standards, the Authority may apply to the Approval Authority for modification of specific limits in the Federal Pretreatment Standards. "Consistent removal" shall mean reduction in the amount of a pollutant or alteration of the nature of the pollutant by the wastewater treatment system to a less toxic or harmless state in the effluent which is achieved by the system in 95 percent of the samples taken when measured according to the procedures set forth in 40 CFR, Part 403, Section 403.7, "General Pretreatment Regulations for Existing and New Sources of Pollution" promulgated pursuant to the Act. The Authority may modify pollutant discharge limits in the Federal Pretreatment Standards if the requirements contained in 40 CFR, Part 403.7 are fulfilled and prior approval from the Approval Authority is obtained.

4.4 <u>Specific Pollutant Limitations.</u> No person shall discharge wastewater containing in excess of the pollutant limits below. The very stringent requirements result from characteristics of the receiving stream for Authority's wastewater discharge; Water Quality Segment 1913, Mid-Cibolo Creek. The Wasteload Evaluation of January 1987 (WLE 87-01) for Segment 1913 assumes a seven day-two year low flow (702) of .1 CFS. The Texas Water Commission uses this low flow figure with the Authority's permitted daily average flow to calculate appropriate limitations under Texas Administrative Code 307.1 - 307.10. These limits are based on either flow-proportional or time-proportional composite samples, (usually of 24 hours duration), and are expressed in either micromilligrams per liter, (ug/l) or milligrams per liter (mg/l), as indicated.

15.0 ug/l arsenic2000.0 ug/l manganese2000.0 ug/l barium3.0 UG/L mercury1.5 ug/l cadmium14.0 ug/l nickel13.0 ug/l chromium (total ) 20.0 ug/l selenium16.0 ug/l copper3.0 ug/l silver14.0 ug/l lead1/0 ug/l zinc200.0 mg/l free or emulsifiedoils and grease

<u>Note:</u> Specific pollutant limitations may be adjusted on a case by case basis if shown, through an engineering study acceptable to the Authority, submitted by a registered professional engineer, that no detrimental impact will result to the system, its processes or by-products.

4.4.1 <u>Other Heavy Metals.</u> No other heavy metals or toxic materials may be discharged in public sewers without a permit from the Authority specifying conditions of pretreatment, concentrations, volumes, and other applicable provisions.

Prohibited heavy metals and toxic materials include but are not limited to:

Antimony, Beryllium, Bismuth, Cobalt, Molybdenum, Tin, Uranyl ion, Rhenium, Strontium, Tellurium, Herbicides, Fungicides, and Pesticides.

4.5 Storm Water and Other Unpolluted Drainage.

(a) No person may discharge to public sanitary sewers

(1) unpolluted storm water, surface water, ground

- water, roof runoff or subsurface drainage;
- (2) unpolluted cooling water;

(3) unpolluted industrial process waters; or

(4) other unpolluted drainage.

(b) In compliance with the Texas Water Quality Act and other statutes, the Authority may designate storm sewers and other watercourses into which unpolluted drainage, described in subsection (a) of this section, may be discharged.

4.6 <u>State Requirements.</u> State specific pollutant requirements and limitations, if any on indirect discharges shall immediately supersede and replace the requirements and limitations imposed by this Order when the State requirements are more stringent than either Federal or Authority standards and requirements.

4.7 <u>Authority's Right of Revision</u>. The Authority reserves the right to amend this Order at any time to establish more stringent specific pollutant limitations or requirements on indirect discharges to the Regional System, if deemed necessary by the Authority to protect the POTW processes or to cure or prevent an effluent quality problem in treated wastewater and/or resulting sludges. The Authority reserves the right to amend this Order to comply with the general objectives and purposes presented in Section 2 of this Order.

4.8 <u>Prohibition of Dilution</u>. No user shall ever increase the use of process water, unpolluted water, surface water or storm water or in any other way attempt to dilute either a direct or indirect discharge as a partial or complete substitute for adequate treatment to achieve compliance

with the specific pollutant limitations contained in the federal Categorical Pretreatment Standards, or in any other specific pollutant limitations promulgated by the Authority and/or State and incorporated in this Order.

4.9 <u>Accidental Discharges.</u> Each user shall provide protection from accidental discharge of prohibited materials or other substances regulated by this Order. Facilities to prevent accidental discharge of prohibited materials shall be provided and maintained at the owner or user's own cost and expense. Detailed plans showing facilities and operating procedures to provide this protection may be required to be submitted to the Authority for review, and shall be approved by the Authority before construction of the facility. No user who commences contribution to the POTW after the effective date of this Order shall be permitted to introduce pollutants into the system until accidental discharge procedures shall not relieve the industrial user from the responsibility to modify the user's facility as necessary to meet the requirements of this Order. In the case of an accidental discharge, it is the responsibility of the user to immediately telephone and notify the Manager the incident. The notification shall include the time and location of the discharge, type of waste, concentration and volume, and corrective actions taken.

4.10 <u>Written Notice.</u> Within five (5) working days following an accidental discharge, the user shall be required to submit to the Manager or to his designated representative, a written letter report describing the cause of the discharge and the measures to be taken by the user to prevent similar future occurrences. Such notification shall not relieve the user of any expense, loss, damage, or other liability which may be incurred as a result of damage to the POTW, the environment, or any other damage to person or property; nor shall such notification relieve the user of any fines, civil penalties, or other liability which may be imposed by this Order or other applicable law. Failure to notify the Manager of an accidental discharge may result in legal action or discontinuation of service.

4.11 <u>Notice to Employees.</u> Employers shall take measures to insure that all appropriate employees be advised of the notification procedure to be used in the event of an accidental discharge.