

*Tyler River*  
*Sacramento River/Res?*

**From:** "Patricia A Shiffer" <pshiffer@usgs.gov>  
**To:** <colek@rb9.swrcb.ca.gov>  
**Date:** 4/12/01 11:28AM  
**Subject:** San Diego Region Water Quality data- July 1997 forward

Keri Cole,  
We have retrieved the water quality data for your region from our database for July 1997 and forward. The data is in ascii text files called sdr.txt, sdr.txt.parnames and sdrtbl.txt. The sdr.txt file is the data in a format which can be placed in another software program such as EXCEL. The file sdr.txt.parnames are the parameter names associated with the data in sdr.txt. The file sdrtbl.txt is the same data in a table format. This data can be printed. We will not be sending hard copy.

To get the files with FTP software:

```
ftp ftpdcascr.wr.usgs.gov
login as anonymous
cd data
get filename
quit
```

To get the files with a Netscape browser:

Type in where the http etc is ftp://ftpdcascr.wr.usgs.gov/data/ (try clicking on the ftp:// etc above and you should go directly to the ftp directory and then choose your file.) put the filename of the file you want after that last / and you will go directly to the file. (the one you are trying to get from the directory.  
EX: ftp://ftpdcascr.wr.usgs.gov/data/sm92

Please let me know when you have successfully downloaded the file or files so I can erase them.

Thanks.

If you have questions, let me know.

**WATER YEAR 2000 and 2001 DATA IS SUBJECT TO REVISION!**

Pat Shiffer "SAFETY FIRST, EVERY JOB, EVERY TIME"  
U.S. Geological Survey  
6000 J. St, Placer Hall  
Sacramento, CA 95819-6129  
(916) 278-3100  
pshiffer@usgs.gov http://ca.water.usgs.gov

STAID  
 LOCAL  
 LATLG  
 DATES  
 TIMES  
 00028 ANALYZING AGENCY (CODE NUMBER)  
 00027 COLLECTING AGENC (CODE NUMBER)  
 00065 GAGE HEIGHT (FEET)  
 00061 DISCHARGE, INST. CFS  
 00400 PH, WH, FIELD (STANDARD UNITS)  
 00403 PH, WH, LABORATO (STANDARD UNITS)  
 90095 SPECIFIC CONDUCT MICROSIEMENS/CM  
 00095 SPECIFIC CONDUCT US/CM @ 25C  
 00020 AIR TEMPERATURE DEGREES C  
 00010 WATER TEMPERATUR (DEGREES C)  
 00915 CALCIUM DISSOLVE (MG/L AS CA)  
 00925 MAGNESIUM DISSOL (MG/L AS MG)  
 00935 POTASSIUM DISSOL (MG/L AS K)  
 00930 SODIUM DISSOLVED (MG/L AS NA)  
 29801 ALKALINITY, D. FET MG/L  
 39036 ALKALINITY, D, FE, (MG/L AS CaCO3)  
 00940 CHLORIDE DISSOLV (MG/L AS CL)  
 00950 FLUORIDE DISSOLV (MG/L AS F)  
 00955 SILICA DISSOLVED (MG/L AS SiO2)  
 00945 SULFATE DISSOLVE (MG/L AS SO4)  
 00623 NITRO AMN & ORG (MG/L AS N)  
 00608 NITROGEN AMMONIA (MG/L AS N)  
 00631 NO2 + NO3 DISSOL (MG/L AS N)  
 00613 NITROGEN, NITRITE MG/L AS N  
 00666 PHOSPHORUS DISS. (MG/L AS P)  
 00671 PHOSPHORUS ORTHO (MG/L AS P)  
 72008 DEPTH OF WELL IN FT  
 81024 DRAINAGE AREA SQ MI  
 72000 ELEV. LSD (FT. AB. N FT (NGVD)  
 04121 HOR. WIDTH VERTI (FEET)  
 70300 RESIDUE DIS 180C MG/L  
 01106 ALUMINUM DISSOLV (UG/L AS AL)  
 01000 ARSENIC DISSOLVE (UG/L AS AS)  
 01005 BARIUM DISSOLVED (UG/L AS BA)  
 01020 BORON DISSOLVED (UG/L AS B)  
 71870 BROMIDE DISSOLVE MG/L AS BR  
 01027 CADMIUM TOTAL (UG/L AS CD)  
 01034 CHROMIUM TOTAL (UG/L AS CR)  
 01042 COPPER TOTAL (UG/L AS CU)  
 71865 IODIDE DISSOLVED MG/L AS I  
 01046 IRON DISSOLVED (UG/L AS FE)  
 01051 LEAD TOTAL (UG/L AS PB)  
 01130 LITHIUM DISSOLVE (UG/L AS LI)  
 01056 MANGANESE DISSOL (UG/L AS MN)  
 01067 NICKEL TOTAL (UG/L AS NI)  
 01080 STRONTIUM DISSOL (UG/L AS SR)  
 01092 ZINC TOTAL (UG/L AS ZN)  
 61611 1,4-NAPHTHOQUINON (UG/L)  
 49295 1-NAPHTHOL FLTRD (UG/L)  
 61637 2-(4-TERT-BUTY\_X (UG/L)  
 61614 2,5-DICHLOROANILIN (UG/L)  
 82660 2,6-DIETHYLANILINE (UG/L)  
 61615 2-[2-ETHYL-6-M\_P (UG/L)  
 61617 2-AMINO-N-ISOP\_A (UG/L)  
 61618 2-CHLORO-2,6-D\_I (UG/L)

61633 4-CHLORO-2-MET\_H (UG/L)  
61634 4-CHLOROBENZYL\_L (UG/L)  
49260 ACETOCHLOR FLTRD (UG/L)  
46342 ALACHLOR, DISS, UG/L  
34253 ALPHA BHC UG/L  
99224 A-HCHD6, S, S2002/ (PERCENT)  
61620 2-ETHYL-6-METH\_I (UG/L)  
61625 3,4-DICHLOROANIL (UG/L)  
61627 3,5-DICHLOROANIL (UG/L)  
61630 3-TRIFLUOROMET\_I (UG/L)  
39632 ATRAZINE, DISS, UG/L  
61635 AZINPHOS-METHYL- (UG/L)  
82673 BENFLURALIN FIL (UG/L)  
61631 4,4'-DICHLOROB\_E (UG/L)  
61629 3-PHENOXYBENZY\_C (UG/L)  
61580 BIFENTHRIN F REC (UG/L)  
04028 BUTYLATE DISS RE (UG/L)  
82680 CARBARYL FIL 0.7 (UG/L)  
82674 CARBOFURAN FIL . (UG/L)  
38933 CHLORPYRIFOS, DI UG/L  
61636 CHLORPYRIFOS, \_N (UG/L)  
79842 CIS-CARBOXYATE F (UG/L)  
79846 CIS-PROPICONAZOL (UG/L)  
04041 CYANAZINE DISS R (UG/L)  
04031 CYCLOATE DISS RE (UG/L)  
61585 CYFLUTHRIN F REC (UG/L)  
61586 CYPERMETHRIN F R (UG/L)  
82682 DCPA FIL 0.7 REC (UG/L)  
04040 DEETHYL ATRAZINE (UG/L)  
91063 DIAZINON SURROGA (PERCENT)  
99223 DIAZ-D10, S, 2002/ (PERCENT)  
39572 DIAZINON DISSOLV UG/L  
38775 DICLORVOS WAT FL (UG/L)  
38454 DICROTOPHOS F RE (UG/L)  
39381 DIELDRIN DISSOLV UG/L  
82662 DIMETHOATE FIL 0 (UG/L)  
61640 DISULFOTON SULFO (UG/L)  
61641 DISULFOTON SULFO (UG/L)  
82677 DISULFOTON FIL . (UG/L)  
79844 E-DIMETHOMORPH F (UG/L)  
34362 ENDOSULFAN ALPHA (UG/L)  
34357 ENDOSULFAN BETA (UG/L)  
61642 ENDOSULFAN ETHER (UG/L)  
61590 ENDOSULFAN SULFA (UG/L)  
82668 EPTC FIL 0.7 REC (UG/L)  
82663 ETHALFLURALIN FI (UG/L)  
82346 ETHION DISSOLV UG/L  
61644 ETHION MONOXON F (UG/L)  
82672 ETHOPROP FIL 0.7 (UG/L)  
61645 FENAMIPHOS SULFO (UG/L)  
61646 FENAMIPHOS SULFO (UG/L)  
61591 FENAMIPHOS F REC (UG/L)  
61647 FENTHION SULFOXI (UG/L)  
38801 FENTHION, WAT FL (UG/L)  
61592 FLUMETRALIN F RE (UG/L)  
61649 FONOFOS O ANALOG (UG/L)  
04095 FONOFOS DISS REC (UG/L)  
91065 ALPHA D6 HCH SUR (PERCENT)  
04025 HEXAZINONE DISS (UG/L)  
61665 HYDROXYMETHYL-\_H (UG/L)

61593 IPRDIONE F REC (UG/L)  
61594 ISOGENPHOS F REC (UG/L)  
61595 LAMBACYHALOTHRI (UG/L)  
39341 LINDANE DISSOLVE UG/L  
82666 LINURON FIL 0.7 (UG/L)  
61652 MALAOXON F REC (UG/L)  
39532 MALATHION DISSOL UG/L  
61596 METALAXYL F REC (UG/L)  
61598 METHIDATHION F R (UG/L)  
82686 METHYL AZINPHOS (UG/L)  
82667 METHYL PARATHION (UG/L)  
39415 METOLACHLOR,WAT. UG/L  
82630 METRIBUZIN,WAT.D UG/L  
82671 MOLINATE FIL 0.7 (UG/L)  
61599 MYCLOBUTANIL F R (UG/L)  
82684 NAPROPAMIDE FIL (UG/L)  
61660 O-ETHYL-O-METH\_I (UG/L)  
61600 OXYFLUORFEN F RE (UG/L)  
34653 P,P' DDE DISSOLV (UG/L)  
61663 PARAOXON-ETHYL F (UG/L)  
61664 PARAOXON-METHYL (UG/L)  
39542 PARATHION DISSOL UG/L  
82669 PEBULATE FIL 0.7 (UG/L)  
82683 PENDIMETHALIN F. (UG/L)  
82687 PERMETHRIN FIL . (UG/L)  
61666 PHORATE OXON F (UG/L)  
82664 PHORATE FIL 0.7 (UG/L)  
61668 PHOSMET OXON F R (UG/L)  
61601 PHOSMET F REC (UG/L)  
61602 PHOSTEBUPIRIM F (UG/L)  
61603 PROFENOFOS F REC (UG/L)  
04037 PROMETON DISS RE (UG/L)  
04036 PROMETRYN DISS R (UG/L)  
82676 PRONAMIDE FIL .7 (UG/L)  
04024 PROPACHLOR DISS (UG/L)  
82679 PROPANIL FIL 0.7 (UG/L)  
82685 PROPARGITE FIL . (UG/L)  
61604 PROPETAMPHOS F R (UG/L)  
04035 SIMAZINE DISS RE (UG/L)  
61605 SULFOTEPP F REC (UG/L)  
38716 SULFPROFOS F REC (UG/L)  
61670 TCPSA, ETHYL EST (UG/L)  
61669 TEBUPIRIMPHOS,\_L (UG/L)  
82670 TEBUTHIURON FIL (UG/L)  
61671 TEFLUTHRIN MET11 (UG/L)  
61672 TEFLUTHRIN MET15 (UG/L)  
61606 TEFLUTHRIN F REC (UG/L)  
61607 TEMEPHOS F REC (UG/L)  
82665 TERBACIL FIL 0.7 (UG/L)  
82675 TERBUFOS FIL, 0.7 (UG/L)  
61674 TERBUFOS-O-ANAL (UG/L)  
82681 THIOBENCARB FIL (UG/L)  
79843 TRANS-CARBOXYATE (UG/L)  
79847 TRANS-PROPICONAZ (UG/L)  
82678 TRIALLATE FIL .7 (UG/L)  
61610 TRIBUPHOS F REC (UG/L)  
82661 TRIFLURALIN FIL (UG/L)  
79845 Z-DIMETHOMORPH F (UG/L)  
34506 111TRICHLOROETHA (UG/L)  
34511 112TRICHLOROETHA (UG/L)

34496 DICHLOROETHANE 1 (UG/L)  
34501 DICHLOROETHYLENE (UG/L)  
77168 1,1-DICHLOROPROP UG/L  
77443 123TRICHLPROPANE UG/L  
77651 1,2DIBROMOETHANE UG/L  
32103 1,2-DICHLOROETHA UG/L  
34541 DICHLOROPROPANE (UG/L)  
34546 TRANSDICH.ETHENE (UG/L)  
77170 2,2-DICHLOROPROP UG/L  
73547 2-BUTENE T-1,4-D (UG/L)  
77103 2-HEXANONE, TOTAL UG/L  
81552 ACETONE, TOTAL UG/L  
34215 ACRYLONITRILE TO (UG/L)  
77613 1,2,3-TRICHLORO (UG/L)  
77221 BENZENE 123TRIME (UG/L)  
34551 124TRICHLOROBENZ (UG/L)  
77222 124-TRIMETHYLBEN (UG/L)  
77226 135-TRIMETHYL BE (UG/L)  
34566 13DICHLORO-BENZE (UG/L)  
99834 BENZENE14BRFL SU (PERCENT)  
34571 14DICHLORO-BENZE (UG/L)  
77223 ISOPROPYL-BENZEN (UG/L)  
77342 N-BUTYL-BENZENE (UG/L)  
77224 N-PROPYL-BENZENE (UG/L)  
34536 O-DICHLORO-BENZE (UG/L)  
77350 SEC-BUTYL-BENZEN (UG/L)  
77353 TERT-BUTYL-BENZE (UG/L)  
34030 BENZENE, TOTAL UG/L  
81555 BROMOBENZENE WAT UG/L  
50002 BROMOETHENE (UG/L)  
32104 BROMOFORM TOTAL UG/L  
77041 CARBON DISULFIDE UG/L  
32102 CARBON TETRACHLO UG/L  
34301 CHLOROBENZENE (UG/L)  
32105 CHLORODIBROMOMET UG/L  
34311 CHLOROETHANE UG/L  
32106 CHLOROFORM TOTAL UG/L  
77093 CIS1,2DICHL.ETHE UG/L  
34704 CIS1,3-DICHL.PRO UG/L  
82625 DIBROMOCHLOROPRO UG/L  
30217 DIBROMOMETHANE, W UG/L  
32101 BROMODICHLOROMET UG/L  
34668 DICHL.DIFL.METHA (UG/L)  
81577 DIISOPROPYLEETHER UG/L  
77562 1112TETRACHLORO- (UG/L)  
34516 1122TETRACHLORO (UG/L)  
99832 ETHANE 12DICL SU (PERCENT)  
34396 ETHANE, HEXACHLO (UG/L)  
81576 ETHER, ETHYL, UN (UG/L)  
50004 T-BUTYL ETHYL ET (UG/L)  
50005 T-PENTYL METHYLE (UG/L)  
34371 ETHYLBENZENE TOT (UG/L)  
77652 FREON 113 UNF RE (UG/L)  
81607 FURAN, TETRAHYDR (UG/L)  
39702 HEXACHLOROBUTADI UG/L  
50000 ISODURENE (UG/L)  
73570 METHACRYLATE, ET (UG/L)  
81597 METHACRYLATE, ME (UG/L)  
81593 METHACRYLONITRIL (UG/L)  
77297 METHANE BROMOCHL (UG/L)

49991 METHYL ACRYLATE (UG/L)  
77424 METHYL IODIDE (UG/L)  
78032 MTBE (UG/L)  
34413 METHYLBROMIDE TO (UG/L)  
34418 METHYLCHLORIDE, T (UG/L)  
34423 METHYLENE CHLORI (UG/L)  
81595 METH.ETHYL KETON UG/L  
78133 METH.ISOBU.KETON UG/L  
85795 M/P XYLENE UNFLT (UG/L)  
34696 NAPHTHALENE TOTA (UG/L)  
77275 O-CHLOROTOLUENE UG/L  
77135 TOT. O-XYLENE (U (UG/L)  
77356 P-ISOPROPYLTOLUE (UG/L)  
49999 1234TETRAMETHYL (UG/L)  
77173 1,3DICHLPROPANE UG/L  
78109 PROPENE, 3-CHLOR (UG/L)  
77128 STYRENE, TOTAL UG/L  
34475 TETRACHLOROETHYL (UG/L)  
99833 TOLUENE D8 SURRO (PERCENT)  
77220 TOLUENE, O-ETHYL (UG/L)  
77277 P-CHLORO-TOLUENE (UG/L)  
34010 TOLUENE, TOTAL UG/L  
34699 TR1,3-DICHL.PROP UG/L  
39180 TRICHLOROETHYLEN UG/L  
34488 TRICH.FLUOR.METH (UG/L)  
39175 VINYL CHLORIDE T UG/L  
82082 HYDROGEN 2 / 1 R RATIO PER MIL  
82085 OXYGEN 18 / 16 R RATIO PER MIL  
80225 SED DISCH BEDLOA T/DAY  
80164 SED-BED-SIEVE-.0 %  
80165 SED-BED-SIEVE-.1 %  
80166 SED-BED-SIEVE-.2 %  
80167 SED-BED-SIEVE-.5 %  
80168 SED-BED-SIEVE-1. %  
80169 SED-BED-SIEVE-2. %  
80170 SED-BED-SIEVE-4. %  
80171 SED-BED-SIEVE-8. %  
80172 SED-BED-SIEVE-16 %  
80173 SED-BED-SIEVE-32 %  
80174 SED-BED-SIEVE-64 %  
80175 SED-BED-SIEVE-12 %  
04122 SED DIS AU COMP (TONS/DAY/FOOT)  
80229 SED-LOAD-SIEVE-. %  
80230 SED-LOAD-SIEVE-1 %  
80231 SED-LOAD-SIEVE-2 %  
80232 SED-LOAD-SIEVE-4 %  
80233 SED-LOAD-SIEVE-8 %  
80154 CONCENTRATION, S. MG/L  
80155 DISCHARGE, SUSP.S T/DAY  
70331 SED-SUSP-SIEVE-. %  
70332 SED-SUSP-SIEVE-. %  
70333 SED-SUSP-SIEVE-. %  
30333 BAG MESH SIZ BDL D MM  
04118 COMPOSIT.SAMPS.X (NUMBER)  
00009 CROSS-SECTION (F (FEET)  
99870 IN-BOTTLE DIGEST DDD  
82074 ENDING TIME 2400  
00063 NUMBER OF SAMPLI (COUNT)  
99871 NUMBER OF VOC TI (NUMBER)  
04120 REST TIME ON BED (SECONDS)

99857 SAMP VOL SCHED 2 (ML)  
99839 SAMP VOL S2002/9 (ML)  
84164 SAMPLER TYPE COD CODE  
82398 SAMPLING METHOD METHOD, CODES  
99819 SET NO SCHED 201 (NUMBER)  
99827 SET NO SCHED 209 (NUMBER)  
99838 SET NO SCHED XXX (NUMBER)  
82073 STARTING TIME 2400 HOURS  
04117 TETHER LINE USED (CODE)  
04119 VERTICALS IN COM (NUMBER)

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY  
MULTIPLE STATION ANALYSES

PROCESS DATE 4-11-01

GAGE HEIGHT (FEET) (00065)	STATION NUMBER	LOCAL IDENT-	LAT-	LONG-	DATE	TIME	AGENCY ANA-	AGENCY COL-
		I-	I-	I-			LYZING SAMPLE	LECTING SAMPLE
		FIER	TUDE	TUDE			(CODE NUMBER)	(CODE NUMBER)
							(00028)	(00027)
	11013500	TIJUANA R NR NESTOR CA	32 33 06 N	117 05 00 W	01-26-01	1610	80020	1028
--					02-13-01	0940	80020	1028
--					02-23-01	1250	80020	1028
4.83	11176710	ARROYO DE LA LAGUNA A BERN	37 39 19 N	121 54 15 W	03-16-00	1125	1028	1028
--					03-16-00	1400	1028	1028
--					03-16-00	1420	1028	1028
--					03-16-00	1425	1028	1028
--					03-16-00	1430	1028	1028
--					03-16-00	1435	1028	1028
--					03-16-00	1440	1028	1028
--					05-17-00	1145	1028	1028
--					05-17-00	1150	1028	1028
--					05-17-00	1155	1028	1028
--					05-17-00	1200	1028	1028
--					05-17-00	1205	1028	1028



324137117002901 PERDUE TRTMT PLANT IMPORTE 32 41 37 N 117 00 29 W 09-20-99 1500 80020 1028  
 11-29-99 1620 80020 1028  
 11-30-99 1340 80020 1028  
 09-05-00 1600 80020 1028  
 03-20-01 1500 1028 1028  
 335903116580701 LITTLE SAN GORGONIO C EDGA 33 59 03 N 116 58 07 W 02-13-01 1010 80020 1028

1

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 4-11-01  
 MULTIPLE STATION ANALYSES

POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	STATION	NUMBER	DATE	DIS- CHARGE,	PH WATER	PH WATER	SPE- CIFIC	SPE-	TEMPER- ATURE	TEMPER-	DIS-	MAGNE- SIUM, DIS-	
				INST.	WHOLE	WHOLE	CON-	CIFIC		TEMPER-	DIS-	DIS-	
				CUBIC	FIELD	LAB	DUCT-	CON-		ATURE	ATURE	SOLVED	SOLVED
				FEET	(STAND-	(STAND-	ANCE	DUCT-				(MG/L	(MG/L
				PER	ARD	ARD	LAB	ANCE	AIR	WATER	(MG/L	(MG/L	
				SECOND	UNITS)	UNITS)	(US/CM)	(US/CM)	(DEG C)	(DEG C)	AS CA)	AS MG)	
				(00061)	(00400)	(00403)	(90095)	(00095)	(00020)	(00010)	(00915)	(00925)	
	11013500		01-26-01	307	7.6	--	--	1640	9.5	10.0	--	--	
			02-13-01	676	7.5	--	--	641	18.0	14.0	--	--	
			02-23-01	--	7.9	--	--	2840	14.8	12.6	--	--	
	11176710		03-16-00	104	--	--	--	--	--	16.0	--	--	
			03-16-00	104	--	--	--	--	--	16.0	--	--	
			03-16-00	104	--	--	--	--	--	16.0	--	--	

--	03-16-00	104	--	--	--	--	--	16.0	--	--	
--	03-16-00	104	--	--	--	--	--	16.0	--	--	
--	03-16-00	104	--	--	--	--	--	16.0	--	--	
--	03-16-00	104	--	--	--	--	--	16.0	--	--	
--	05-17-00	--	--	--	--	--	--	17.0	--	--	
--	05-17-00	--	--	--	--	--	--	17.0	--	--	
--	05-17-00	--	--	--	--	--	--	17.0	--	--	
--	05-17-00	--	--	--	--	--	--	17.0	--	--	
--	05-17-00	--	--	--	--	--	--	17.0	--	--	
--	324137117002901	09-20-99	--	--	--	--	--	--	--	--	
--		11-29-99	--	--	--	--	--	--	--	--	
--		11-30-99	--	--	--	--	--	--	--	--	
--		09-05-00	--	--	--	--	--	--	--	--	
--		03-20-01	--	--	--	--	--	--	--	--	
.9	335903116580701	02-13-01	--	7.4	7.1	50	46	5.0	--	5.21	1.16
1											

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY  
 MULTIPLE STATION ANALYSES  
 PROCESS DATE 4-11-01

NITRO- GEN, NO2+NO3 DIS- SOLVED	STATION	NUMBER	DATE	ALKA-	ALKA-	CHLO-	FLUO-	SILICA,	SULFATE	NITRO-	NITRO-
				LINITY	LINITY	RIDE,	RIDE,	DIS-	DIS-	GEN, AM-	GEN,
				WAT.DIS	WAT DIS	RIDE,	RIDE,	DIS-	SULFATE	MONIA +	AMMONIA
				FET	FIX END	DIS-	DIS-	SOLVED	DIS-	ORGANIC	DIS-
				LAB	FIELD	SOLVED	SOLVED	(MG/L	SOLVED	DIS.	SOLVED
				(MG/L	CAC03	CAC03	(MG/L	(MG/L	AS	(MG/L	(MG/L

(MG/L			AS NA)	(MG/L)	(MG/L)	AS CL)	AS F)	SIO2)	AS SO4)	AS N)	AS N)
AS N)			(00930)	(29801)	(39036)	(00940)	(00950)	(00955)	(00945)	(00623)	(00608)
(00631)											
	11013500	01-26-01	--	--	--	--	--	--	--	--	--
--		02-13-01	--	--	--	--	--	--	--	--	--
--		02-23-01	--	--	--	--	--	--	--	--	--
--	11176710	03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--	324137117002901	09-20-99	--	--	--	--	--	--	--	--	--
--		11-29-99	--	--	--	--	--	--	--	--	--
--		11-30-99	--	--	--	--	--	--	--	--	--
--		09-05-00	--	--	--	--	--	--	--	--	--
--		03-20-01	--	--	--	--	--	--	--	--	--
--	335903116580701	02-13-01	1.5	18	17	.8	E.1	2.2	.8	.42	.131

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 4-11-01  
 MULTIPLE STATION ANALYSES

BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	STATION	NUMBER	DATE	NITRO- GEN, NITRITE	PHOS- PHORUS	PHOS- PHORUS ORTHO,	DRAIN- AGE	ELEV. OF LAND SURFACE DATUM	HORI- ZONTAL WIDTH OF VER- TICAL	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED	ALUM- INUM, DIS- SOLVED (UG/L AS AL)	ARSENIC DIS- SOLVED (UG/L AS AS)
				(MG/L AS N) (00613)	(MG/L AS P) (00666)	(MG/L AS P) (00671)	(SQ. MI.) (81024)	(FT. ABOVE NGVD) (72000)	(FEET) (04121)	(MG/L) (70300)	(01106)	(01000)
	11013500		01-26-01	--	--	--	1695	--	--	--	--	--
			02-13-01	--	--	--	1695	--	--	--	--	--
			02-23-01	--	--	--	1695	--	--	--	--	--
	11176710		03-16-00	--	--	--	--	304	1.5	--	--	--
			03-16-00	--	--	--	--	304	--	--	--	--
			03-16-00	--	--	--	--	304	--	--	--	--
			03-16-00	--	--	--	--	304	--	--	--	--
			03-16-00	--	--	--	--	304	--	--	--	--
			03-16-00	--	--	--	--	304	--	--	--	--
			05-17-00	--	--	--	--	304	--	--	--	--
			05-17-00	--	--	--	--	304	--	--	--	--
			05-17-00	--	--	--	--	304	--	--	--	--



---	03-16-00	--	--	--	--	--	--	--	--	--	
---	03-16-00	--	--	--	--	--	--	--	--	--	
---	03-16-00	--	--	--	--	--	--	--	--	--	
---	03-16-00	--	--	--	--	--	--	--	--	--	
---	03-16-00	--	--	--	--	--	--	--	--	--	
---	05-17-00	--	--	--	--	--	--	--	--	--	
---	05-17-00	--	--	--	--	--	--	--	--	--	
---	05-17-00	--	--	--	--	--	--	--	--	--	
---	05-17-00	--	--	--	--	--	--	--	--	--	
---	05-17-00	--	--	--	--	--	--	--	--	--	
---	324137117002901	09-20-99	--	--	--	--	--	--	--	--	
---		11-29-99	--	--	--	--	--	--	--	--	
---		11-30-99	--	--	--	--	--	--	--	--	
---		09-05-00	--	--	--	--	--	--	--	--	
---		03-20-01	--	--	--	--	--	--	--	--	
8	335903116580701	02-13-01	21	<.01	--	--	--	.002	90	--	<3.9
1											

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 4-11-01  
 MULTIPLE STATION ANALYSES

	1,4-	1-NAPH	2(4TERT	2,5-DI-	2,6-DI-	2-[2-			
2AMINON									
ISOPROP	NICKEL,	STRON-	ZINC,	NAPTHO	THOL,	BUTYL-	CHLORO-	ETHYL	ETHYL-
PYLBEN	TOTAL	TIUM,	TOTAL	QUINON	WATER,	PHENOXY	ANILINE	ANILINE	6-METHY
ZAMIDE	RECOV-	DIS-	RECOV-	WATER	FLTRD,	CYCLO-	WATER	WAT FLT	_PANOL









--		02-23-01	--	--	--	--	--	--	--	--	
--	11176710	03-16-00	--	--	--	--	--	--	--	--	
--		03-16-00	--	--	--	--	--	--	--	--	
--		03-16-00	--	--	--	--	--	--	--	--	
--		03-16-00	--	--	--	--	--	--	--	--	
--		03-16-00	--	--	--	--	--	--	--	--	
--		03-16-00	--	--	--	--	--	--	--	--	
--		03-16-00	--	--	--	--	--	--	--	--	
--		05-17-00	--	--	--	--	--	--	--	--	
--		05-17-00	--	--	--	--	--	--	--	--	
--		05-17-00	--	--	--	--	--	--	--	--	
--		05-17-00	--	--	--	--	--	--	--	--	
--		05-17-00	--	--	--	--	--	--	--	--	
<.003	324137117002901	09-20-99	--	.004	--	<.002	--	--	<.002	<.003	
<.003		11-29-99	--	.005	--	<.002	--	--	<.002	<.003	
--		11-30-99	--	--	--	--	--	--	--	--	
<.003		09-05-00	<.0050	<.001	<.0310	<.002	<.0080	<.0310	<.0050	<.002	<.003
--		03-20-01	--	--	--	--	--	--	--	--	--
--	335903116580701	02-13-01	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY  
 MULTIPLE STATION ANALYSES

PROCESS DATE 4-11-01

CHLOR-

CIS-

CIS-

CY-

DEETHYL

TRA- INE, ATER, ISS, EC UG/L) 04040)	STATION	NUMBER	DATE	PYRIFOS CHLOR- PYRIFOS DIS-	OXYGEN ANALOG WAT FLT	CARBOX- YATE WATER FLTRD	PROPI- CONAZ- OLE WAT FLT	CYANA- ZINE, WATER, DISS,	SI- CLOATE, WATER, DISS,	FLUTH- RIN WATER FLTRD	CYPER- METHRIN WATER FLTRD	DCPA WATER FLTRD 0.7 U GF, REC (UG/L)
				SOLVED (UG/L)	REC (UG/L)	REC (UG/L)	REC (UG/L)	REC (UG/L)	REC (UG/L)	REC (UG/L)	REC (UG/L)	REC (UG/L)
	11013500		01-26-01	--	--	--	--	--	--	--	--	--
			02-13-01	--	--	--	--	--	--	--	--	--
			02-23-01	--	--	--	--	--	--	--	--	--
	11176710		03-16-00	--	--	--	--	--	--	--	--	--
			03-16-00	--	--	--	--	--	--	--	--	--
			03-16-00	--	--	--	--	--	--	--	--	--
			03-16-00	--	--	--	--	--	--	--	--	--
			03-16-00	--	--	--	--	--	--	--	--	--
			03-16-00	--	--	--	--	--	--	--	--	--
			05-17-00	--	--	--	--	--	--	--	--	--
			05-17-00	--	--	--	--	--	--	--	--	--
			05-17-00	--	--	--	--	--	--	--	--	--
			05-17-00	--	--	--	--	--	--	--	--	--
			05-17-00	--	--	--	--	--	--	--	--	--
<.002	324137117002901		09-20-99	<.004	--	--	--	<.004	--	--	--	<.002
			11-29-99	<.004	--	--	--	<.004	--	--	--	<.002



		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
<.017	324137117002901	09-20-99	104	--	<.002	--	--	<.001	--	--	--
<.017		11-29-99	104	--	<.002	--	--	<.001	--	--	--
		11-30-99	--	--	--	--	--	--	--	--	--
<.017		09-05-00	108	85	<.002	<.01	<.0160	<.001	<.01	<.0050	<.0160
		03-20-01	--	--	--	--	--	--	--	--	--
	335903116580701	02-13-01	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 4-11-01  
 MULTIPLE STATION ANALYSES

ETHO- PROP WATER FLTRD 0.7 U GF, REC (UG/L)	STATION	NUMBER	DATE	E-DI- METHO- MORPH WATER FLTRD REC (UG/L)	ENDO- ENDO- SULFAN SULFAN ALPHA DISSOLV (UG/L)	ENDO- ENDO- ETHER SULFATE BETA DISSOLV (UG/L)	ENDO- SULFAN SULFATE WATER FLTRD REC (UG/L)	ETHAL- EPTC WATER FLTRD 0.7 U GF, REC (UG/L)	FLUR- ALIN WAT FLT 0.7 U GF, REC (UG/L)	ETHION MONOXON WATER ETHION DISSOLV (UG/L)	ETHION FLTRD REC (UG/L)	
				(79844)	(34362)	(34357)	(61642)	(61590)	(82668)	(82663)	(82346)	(61644)

(82672)

	11013500	01-26-01	--	--	--	--	--	--	--	--	--
		02-13-01	--	--	--	--	--	--	--	--	--
		02-23-01	--	--	--	--	--	--	--	--	--
	11176710	03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
<.003	324137117002901	09-20-99	--	--	--	--	--	<.002	<.004	--	--
<.003		11-29-99	--	--	--	--	--	<.002	<.004	--	--
		11-30-99	--	--	--	--	--	--	--	--	--
<.003		09-05-00	<.0310	<.02	<.02	<.0160	<.0080	<.002	<.004	<.01	<.0080
		03-20-01	--	--	--	--	--	--	--	--	--
	335903116580701	02-13-01	--	--	--	--	--	--	--	--	--









			(82686)	(82667)	(39415)	(82630)	(82671)	(61599)	(82684)	(61660)	(61600)
(34653)											
	11013500	01-26-01	--	--	--	--	--	--	--	--	--
		02-13-01	--	--	--	--	--	--	--	--	--
		02-23-01	--	--	--	--	--	--	--	--	--
	11176710	03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
	324137117002901	09-20-99	<.001	<.006	.005	<.004	<.004	--	<.003	--	--
<.006		11-29-99	<.001	<.006	.005	<.004	<.004	--	<.003	--	--
<.006		11-30-99	--	--	--	--	--	--	--	--	--
		09-05-00	<.001	<.006	<.002	<.004	<.004	<.0080	<.003	<.0050	<.0160
<.006		03-20-01	--	--	--	--	--	--	--	--	--
	335903116580701	02-13-01	--	--	--	--	--	--	--	--	--





--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
.008	324137117002901	09-20-99	--	--	<.018	--	<.003	<.007	<.004	<.013	--
.008		11-29-99	--	--	<.018	--	<.003	<.007	<.004	<.013	--
--		11-30-99	--	--	--	--	--	--	--	--	--
.010		09-05-00	<.0080	<.0080	<.018	<.01	<.003	<.007	<.004	<.013	<.0160
--		03-20-01	--	--	--	--	--	--	--	--	--
--	335903116580701	02-13-01	--	--	--	--	--	--	--	--	--
1											

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY  
 MULTIPLE STATION ANALYSES  
 PROCESS DATE 4-11-01

TER-	SULFO-	SUL-	TCPSA	TEBUPIR	TEBU-	TEFLU-	TEFLU-	TEFLU-	TEME-
BACIL	TEPP	PROFOS	ETHYL	IMPHOS	THIURON	THRIN	THRIN	THRIN	PHOS
WATER	WATER	WATER	ESTER	OXYGEN	WATER	METAB-	METAB-	THRIN	PHOS
FLTRD	WATER	WATER	WATER	ANALOG	FLTRD	OLITE	OLITE	WATER	WATER
0.7 U	FLTRD	FLTRD	FLTRD	WAT FLT	0.7 U	R119364	R152912	FLTRD	FLTRD
	STATION	NUMBER	DATE	REC	REC	REC	REC	REC	REC

GF, REC

(UG/L)  
(82665)

(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)
(61605)	(38716)	(61670)	(61669)	(82670)	(61671)	(61672)	(61606)	(61607)	

11013500

01-26-01

-- -- -- -- -- -- -- -- --

02-13-01

-- -- -- -- -- -- -- -- --

02-23-01

-- -- -- -- -- -- -- -- --

11176710

03-16-00

-- -- -- -- -- -- -- -- --

03-16-00

-- -- -- -- -- -- -- -- --

03-16-00

-- -- -- -- -- -- -- -- --

03-16-00

-- -- -- -- -- -- -- -- --

03-16-00

-- -- -- -- -- -- -- -- --

03-16-00

-- -- -- -- -- -- -- -- --

03-16-00

-- -- -- -- -- -- -- -- --

05-17-00

-- -- -- -- -- -- -- -- --

05-17-00

-- -- -- -- -- -- -- -- --

05-17-00

-- -- -- -- -- -- -- -- --

05-17-00

-- -- -- -- -- -- -- -- --

05-17-00

-- -- -- -- -- -- -- -- --

324137117002901

09-20-99

-- -- -- -- <.010 -- -- --

11-29-99

-- -- -- -- <.010 -- -- --

11-30-99

-- -- -- -- -- -- -- -- --

09-05-00

<.0050 <.0050 <.0050 <.0160 <.010 <.0050 <.0080 <.0080 <.0310

03-20-01

-- -- -- -- -- -- -- -- --

335903116580701

02-13-01

-- -- -- -- -- -- -- -- --

<.007

<.007

<.007

--







--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
<.05	324137117002901	09-20-99	<.06	<.07	<.04	<.03	<.2	<.04	<.1	<.07	<.03
--		11-29-99	--	--	--	--	--	--	--	--	--
<.05		11-30-99	<.06	<.07	<.04	<.03	<.2	<.04	<.1	<.07	<.03
<.05		09-05-00	<.06	E.03	.31	<.03	<.2	<.04	<.1	<.07	<.03
--		03-20-01	--	--	--	--	--	--	--	--	--
--	335903116580701	02-13-01	--	--	--	--	--	--	--	--	--
1											

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 4-11-01  
 MULTIPLE STATION ANALYSES

BENZENE	2BUTENE		1,2,3-	BENZENE	BENZENE	BENZENE
1,3-DI-	TRANS-1	2-HEXA-	TRI-	123-TRI	1,2,4-	BENZENE 135-TRI
CHLORO-	4-DI-	NONE	ACETONE	CHLORO	METHYL-	TRI- 124-TRI METHYL

WATER UNFLTRD REC (UG/L) (34566)	STATION	NUMBER	DATE	CHLORO UNFLTRD RECOVER (UG/L) (73547)	WATER WHOLE TOTAL (UG/L) (77103)	WATER WHOLE TOTAL (UG/L) (81552)	ACRYLO- NITRILE TOTAL (UG/L) (34215)	BENZENE WAT, WH REC (UG/L) (77613)	WATER UNFLTRD RECOVER (UG/L) (77221)	CHLORO- WAT UNF REC (UG/L) (34551)	METHYL UNFILT RECOVER (UG/L) (77222)	WATER UNFLTRD REC (UG/L) (77226)
<.03	11013500		01-26-01	<.7	<.7	140	<1	<.3	.5	<.2	1.44	.37
<.03			02-13-01	<.7	<.7	34	<1	<.3	.4	<.2	1.11	.27
<.15			02-23-01	<3.5	<3.5	274	<6	<1.4	E.1	<.9	E.21	E.08
--	11176710		03-16-00	--	--	--	--	--	--	--	--	--
--			03-16-00	--	--	--	--	--	--	--	--	--
--			03-16-00	--	--	--	--	--	--	--	--	--
--			03-16-00	--	--	--	--	--	--	--	--	--
--			03-16-00	--	--	--	--	--	--	--	--	--
--			03-16-00	--	--	--	--	--	--	--	--	--
--			03-16-00	--	--	--	--	--	--	--	--	--
--			05-17-00	--	--	--	--	--	--	--	--	--
--			05-17-00	--	--	--	--	--	--	--	--	--
--			05-17-00	--	--	--	--	--	--	--	--	--
--			05-17-00	--	--	--	--	--	--	--	--	--
--			05-17-00	--	--	--	--	--	--	--	--	--
<.05	324137117002901		09-20-99	<.7	<.7	<7	<1	<.3	<.1	<.2	<.06	<.04
--			11-29-99	--	--	--	--	--	--	--	--	--
<.05			11-30-99	<.7	<.7	<7	<1	<.3	<.1	<.2	<.06	<.04
			09-05-00	<.7	<.7	<7	<1	<.3	<.1	<.2	<.06	<.04

<.05

03-20-01 -- -- -- -- -- -- -- -- -- --

335903116580701 02-13-01 -- -- -- -- -- -- -- -- -- --

1

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 4-11-01  
MULTIPLE STATION ANALYSES

BROMO-  
BENZENE  
WATER,  
WHOLE,  
TOTAL  
(UG/L)  
(81555)

BENZENE 14BRFL- SURROG VOC UNFLTRD REC PERCENT (99834)	BENZENE 1,4-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34571)	ISO- PROPYL- BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE O-DI- CHLORO- WATER UNFLTRD REC (UG/L) (34536)	BENZENE SEC BUTYL- WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT- BUTYL- WATER UNFLTRD REC (UG/L) (77353)	BENZENE TOTAL (UG/L) (34030)
---	---	--	--	--	---	--	--	---------------------------------------

<.04

11013500 01-26-01 105 .66 E.04 M .15 E.07 <.03 <.06 .31

<.04

02-13-01 94 .97 E.02 M E.10 .12 E.02 <.06 .13

<.18

02-23-01 98 E.11 <.16 <.9 <.21 <.16 <.16 <.30 <.17

11176710 03-16-00 -- -- -- -- -- -- -- -- -- --

03-16-00 -- -- -- -- -- -- -- -- -- --

03-16-00 -- -- -- -- -- -- -- -- -- --

03-16-00 -- -- -- -- -- -- -- -- -- --

03-16-00 -- -- -- -- -- -- -- -- -- --

03-16-00 -- -- -- -- -- -- -- -- -- --

03-16-00 -- -- -- -- -- -- -- -- -- --

		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
<.04	324137117002901	09-20-99	101	<.05	<.03	<.2	<.04	<.05	<.03	<.06	<.04
--		11-29-99	--	--	--	--	--	--	--	--	--
<.04		11-30-99	100	<.05	<.03	<.2	<.04	<.05	<.03	<.06	<.04
<.04		09-05-00	93	<.05	<.03	<.2	<.04	<.05	<.03	<.06	<.04
--		03-20-01	--	--	--	--	--	--	--	--	--
1	335903116580701	02-13-01	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY  
 MULTIPLE STATION ANALYSES

PROCESS DATE 4-11-01

CIS	STATION	NUMBER	DATE	BROMO-	CARBON	CARBON	CHLORO-	CIS-1,2				
				ETHENE	DI-	TETRA-	DI-	-DI-	CHLORO-	ETHENE	WATER	
CHLORO-				WATER	BROMO-	WATER	CHLO-	CHLORO-	BROMO-	CHLORO-	CHLORO-	ETHENE
PROPENE				UNFLTRD	FORM	WHOLE	RIDE	BENZENE	METHANE	ETHANE	FORM	WATER
TOTAL				RECOVER	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
(UG/L)				(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)
(34704)				(50002)	(32104)	(77041)	(32102)	(34301)	(32105)	(34311)	(32106)	(77093)
<.09	11013500		01-26-01	<.1	<.06	.26	<.06	<.03	E.1	<.1	.28	E.09
<.09			02-13-01	<.1	<.06	.16	<.06	<.03	E.1	<.1	.15	E.02

<.45		02-23-01	<.5	<.30	<.35	<.30	<.14	<.9	<.6	E.06	E.08
	11176710	03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		03-16-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
--		05-17-00	--	--	--	--	--	--	--	--	--
<.09	324137117002901	09-20-99	<.1	<.06	<.07	<.06	<.03	.2	<.1	.67	<.04
--		11-29-99	--	--	--	--	--	--	--	--	--
<.09		11-30-99	<.1	<.06	<.07	<.06	<.03	<.2	<.1	.17	<.04
<.09		09-05-00	<.1	<.06	<.07	<.06	<.03	<.2	<.1	.35	<.04
--		03-20-01	--	--	--	--	--	--	--	--	--
--	335903116580701	02-13-01	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 4-11-01  
 MULTIPLE STATION ANALYSES

DIBROMO DI- DI- DI-ISO- ETHANE, ETHANE, ETHANE ETHANE  
 CHLORO- BROMO- BROMO- CHLORO- PROPYL- 1112- 1,1,2,2 12DICL HEXA-



<.2  
<.2  
--  
--  
L

	11-30-99	<.2	<.05	E.08	<.3	<.1	<.03	<.09	111	<.2
	09-05-00	<.2	<.05	.10	<.3	<.1	<.03	<.09	107	<.2
	03-20-01	--	--	--	--	--	--	--	--	--
335903116580701	02-13-01	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 4-11-01  
 MULTIPLE STATION ANALYSES

STATION	NUMBER	DATE	ETHER TERT- BUTYL ETHYL UNFLTRD RECOVER (UG/L) (50004)	ETHER TERT- PENTYL METHYL UNFLTRD RECOVER (UG/L) (50005)	BENZENE ETHYL- TOTAL (UG/L) (34371)	FREON- 113 WATER UNFLTRD REC (UG/L) (77652)	FURAN, TETRA- HYDRO- WATER UNFLTRD RECOVER (UG/L) (81607)	HEXA- CHLORO- BUT- ADIENE TOTAL (UG/L) (39702)	ISO- DURENE WATER UNFLTRD RECOVER (UG/L) (50000)	METHAC- RYLATE ETHYL- WATER UNFLTRD RECOVER (UG/L) (73570)	METHAC- RYLATE METHYL WATER UNFLTRD RECOVER (UG/L) (81597)
11013500		01-26-01	<.05	.2	.47	<.06	<2	<.1	.2	<.2	<.3
		02-13-01	<.05	.2	.23	<.06	<2	<.1	.3	<.2	<.3
		02-23-01	<.27	<.6	E.14	<.30	<11	<.7	<1.0	<.9	<1.8
11176710		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
324137117002901		09-20-99	<.05	<.1	<.03	<.06	<2	<.1	<.2	<.2	<.3
		11-29-99	--	--	--	--	--	--	--	--	--
		11-30-99	<.05	<.1	<.03	<.06	<2	<.1	<.2	<.2	<.3
		09-05-00	<.05	<.1	<.03	<.06	<2	<.1	<.2	<.2	<.3
		03-20-01	--	--	--	--	--	--	--	--	--
335903116580701		02-13-01	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY  
 MULTIPLE STATION ANALYSES

PROCESS DATE 4-11-01

STATION	NUMBER	DATE	METH- ACRYLO- NITRITE WATER UNFLTRD RECOVER (UG/L) (81593)	METHANE BROMO CHLORO- WAT UNFLTRD REC (UG/L) (77297)	METHYL ACRY- LATE WATER UNFLTRD RECOVER (UG/L) (49991)	METHYL IODIDE WATER UNFLTRD RECOVER (UG/L) (77424)	METHYL TERT- BUTYL ETHER WAT UNF REC (UG/L) (78032)	METHYL- BROMIDE TOTAL (UG/L) (34413)	METHYL- CHLO- RIDE TOTAL (UG/L) (34418)	METHYL ENE CHLO- RIDE TOTAL (UG/L) (34423)	METHYL- ETHYL- KETONE WATER WHOLE TOTAL (UG/L) (81595)
11013500		01-26-01	<.6	<.04	<1	<.1	1.6	<.3	<.2	E.1	40
		02-13-01	<.6	<.04	<1	<.1	.7	<.3	<.2	E.1	5
		02-23-01	<3.0	<.22	<7	<.6	<.9	<1.3	<1.2	<.8	20
11176710		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
324137117002901		09-20-99	<.6	<.04	<1	<.1	1.1	<.3	<.5	<.4	<2
		11-29-99	--	--	--	--	--	--	--	--	--
		11-30-99	<.6	<.04	<1	<.1	1.2	<.3	<.5	<.4	<2
		09-05-00	<.6	<.04	<1	<.1	.2	<.3	<.5	<.4	<2
		03-20-01	--	--	--	--	--	--	--	--	--
335903116580701		02-13-01	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY  
 MULTIPLE STATION ANALYSES

PROCESS DATE 4-11-01

METHYL ISO- BUTYL KETONE	META/ PARA- XYLENE WATER	NAPHTH-	O- CHLORO- TOLUENE WATER	O- XYLENE WATER	P-ISO- PROPYL- TOLUENE WATER	1234- TETRA METHYL BENZENE	1,3-DI- CHLORO- PROPANE	PROPENE 3- CHLORO- WATER
-----------------------------------	-----------------------------------	---------	-----------------------------------	-----------------------	---------------------------------------	-------------------------------------	-------------------------------	-----------------------------------



STATION	NUMBER	DATE	WAT. WH. TOTAL (UG/L) (78133)	UNFLTRD REC (UG/L) (85795)	ALENE TOTAL (UG/L) (34696)	WHOLE TOTAL (UG/L) (77275)	WHOLE TOTAL (UG/L) (77135)	WHOLE REC (UG/L) (77356)	UNFLTRD REC (UG/L) (49999)	WAT. WH TOTAL (UG/L) (77173)	UNFLTRD RECOVER (UG/L) (78109)
11013500		01-26-01	2.4	1.87	<.2	<.03	.94	.70	<.2	<.1	<.1
		02-13-01	E.8	1.26	.8	<.03	.60	.45	E.2	<.1	<.1
		02-23-01	<1.9	E.56	<1.2	<.13	E.37	E.08	<1.1	<.6	<.3
11176710		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--	--
324137117002901		09-20-99	<.4	<.06	<.2	<.04	<.04	<.07	<.2	<.1	<.2
		11-29-99	--	--	--	--	--	--	--	--	--
		11-30-99	<.4	<.06	<.2	<.04	<.04	<.07	<.2	<.1	<.2
		09-05-00	<.4	<.06	<.2	<.04	<.04	<.07	<.2	<.1	<.2
		03-20-01	--	--	--	--	--	--	--	--	--
335903116580701		02-13-01	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 4-11-01  
MULTIPLE STATION ANALYSES

STATION	NUMBER	DATE	TOLUENE								
			STYRENE TOTAL (UG/L) (77128)	TETRA- CHLORO- ETHYL- ENE TOTAL (UG/L) (34475)	D8 SURROG VOC UNFLTRD REC PERCENT (99833)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (UG/L) (77220)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	TOLUENE TOTAL (UG/L) (34010)	TRANS- 1,3-DI- CHLORO- PROPENE TOTAL (UG/L) (34699)	TRI- CHLORO- ETHYL- ENE TOTAL (UG/L) (39180)	TRI- CHLORO- FLUORO- METHANE TOTAL (UG/L) (34488)
11013500		01-26-01	.13	.1	102	.33	<.06	4.36	<.09	.41	<.09
		02-13-01	E.07	.2	99	.22	<.06	2.41	<.09	E.05	.10
		02-23-01	<.21	E.1	99	E.07	<.30	.69	<.45	.56	<.45
11176710		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--	--

	03-16-00	--	--	--	--	--	--	--	--	--
	03-16-00	--	--	--	--	--	--	--	--	--
	03-16-00	--	--	--	--	--	--	--	--	--
	03-16-00	--	--	--	--	--	--	--	--	--
	03-16-00	--	--	--	--	--	--	--	--	--
	05-17-00	--	--	--	--	--	--	--	--	--
	05-17-00	--	--	--	--	--	--	--	--	--
	05-17-00	--	--	--	--	--	--	--	--	--
	05-17-00	--	--	--	--	--	--	--	--	--
	05-17-00	--	--	--	--	--	--	--	--	--
324137117002901	09-20-99	<.04	<.1	103	<.06	<.06	E.07	<.09	<.04	<.09
	11-29-99	--	--	--	--	--	--	--	--	--
	11-30-99	<.04	<.1	105	<.06	<.06	<.05	<.09	<.04	<.09
	09-05-00	<.04	<.1	98	<.06	<.06	E.01	<.09	<.04	<.09
	03-20-01	--	--	--	--	--	--	--	--	--
335903116580701	02-13-01	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 4-11-01  
 MULTIPLE STATION ANALYSES

STATION NUMBER	DATE	VINYL	H-2 /	O-18 /	SEDI-	BED	BED	BED	BED	BED
		CHLO-	H-1	O-16	MENT	MAT.	MAT.	MAT.	MAT.	MAT.
		RIDE	STABLE	STABLE	DIS-	SIEVE	SIEVE	SIEVE	SIEVE	SIEVE
		TOTAL	RATIO	RATIO	CHARGE,	DIAM.	DIAM.	DIAM.	DIAM.	DIAM.
		(UG/L)	PER	PER	(TONS/	% FINER	% FINER	% FINER	% FINER	% FINER
		(39175)	MIL	MIL	DAY)	.062 MM	.125 MM	.250 MM	.500 MM	1.00 MM
			(82082)	(82085)	(80225)	(80164)	(80165)	(80166)	(80167)	(80168)
11013500	01-26-01	<.1	--	--	--	--	--	--	--	--
	02-13-01	<.1	--	--	--	--	--	--	--	--
	02-23-01	<.6	--	--	--	--	--	--	--	--
11176710	03-16-00	--	--	--	1.4	--	--	--	--	--
	03-16-00	--	--	--	--	--	--	--	--	--
	03-16-00	--	--	--	--	--	--	--	4	16
	03-16-00	--	--	--	--	--	1	1	6	16
	03-16-00	--	--	--	--	--	--	--	8	20
	03-16-00	--	--	--	--	--	--	--	6	15
	03-16-00	--	--	--	--	1	2	3	13	26
	05-17-00	--	--	--	--	--	1	2	14	29
	05-17-00	--	--	--	--	--	--	--	7	19
	05-17-00	--	--	--	--	--	--	2	11	35



UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY  
 MULTIPLE STATION ANALYSES

PROCESS DATE 4-11-01

STATION	NUMBER	DATE	SED.	SED.	SED.	SED.	SEDI-	SED.	SED.	SED.
			BEDLOAD	BEDLOAD	BEDLOAD	BEDLOAD	MENT,	SUSP.	SUSP.	SUSP.
			SIEVE	SIEVE	SIEVE	SIEVE	DIS-	SIEVE	SIEVE	SIEVE
			DIAM.	DIAM.	DIAM.	DIAM.	CHARGE,	DIAM.	DIAM.	DIAM.
			% FINER	% FINER	% FINER	% FINER	SUS-	% FINER	% FINER	% FINER
			THAN	THAN	THAN	THAN	PENDED	THAN	THAN	THAN
			1.00 MM	2.00 MM	4.00 MM	8.00 MM	(MG/L)	.062 MM	.125 MM	.250 MM
			(80230)	(80231)	(80232)	(80233)	(80154)	(70331)	(70332)	(70333)
11013500		01-26-01	--	--	--	--	--	--	--	--
		02-13-01	--	--	--	--	--	--	--	--
		02-23-01	--	--	--	--	--	--	--	--
11176710		03-16-00	82	91	94	100	--	--	--	--
		03-16-00	--	--	--	--	32	9.0	68	79
		03-16-00	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--
		05-17-00	--	--	--	--	--	--	--	--
324137117002901		09-20-99	--	--	--	--	--	--	--	--
		11-29-99	--	--	--	--	--	--	--	--
		11-30-99	--	--	--	--	--	--	--	--
		09-05-00	--	--	--	--	--	--	--	--
		03-20-01	--	--	--	--	--	--	--	--
335903116580701		02-13-01	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY  
 MULTIPLE STATION ANALYSES

PROCESS DATE 4-11-01

BAG	COMPSTD	SAMPLE	JULIAN		NUMBER		TIME	
MESH	SAMPLES	LOC-	DATE	END-	OF	TICS	ON BED	SAMPLE
	IN	ATION,	IN-				FOR	VOLUME

STATION	NUMBER	DATE	SIZE BEDLOAD SAMPLER (MM) (30333)	X-SEC BEDLOAD MEASMT (NUM) (04118)	CROSS SECTION (FT FM L BANK) (00009)	BOTTLE DIGEST- ION DDD (99870)	ING TIME (2400 HOURS (82074)	SAM- PLING POINTS (COUNT) (00063)	FROM VOC BY GCMS NUMBER (99871)	BED LOAD SAMPLE (SEC) (04120)	SCHED- ULE 2010 (ML) (99857)
11013500		01-26-01	--	--	--	31	--	--	10	--	--
		02-13-01	--	--	--	51	--	--	24	--	--
		02-23-01	--	--	--	59	--	--	.00	--	--
11176710		03-16-00	.250	1	1.50	--	1140.00	21	--	60	--
		03-16-00	--	--	--	--	--	--	--	--	--
		03-16-00	--	--	--	--	--	1	--	--	--
		03-16-00	--	--	--	--	--	1	--	--	--
		03-16-00	--	--	--	--	--	1	--	--	--
		03-16-00	--	--	--	--	--	1	--	--	--
		05-17-00	--	--	--	--	--	1	--	--	--
		05-17-00	--	--	--	--	--	1	--	--	--
		05-17-00	--	--	--	--	--	1	--	--	--
		05-17-00	--	--	--	--	--	1	--	--	--
		05-17-00	--	--	--	--	--	1	--	--	--
324137117002901		09-20-99	--	--	--	--	--	--	--	--	943
		11-29-99	--	--	--	--	--	--	--	--	877
		11-30-99	--	--	--	--	--	--	--	--	--
		09-05-00	--	--	--	--	--	--	--	--	943
		03-20-01	--	--	--	--	--	--	--	--	--
335903116580701		02-13-01	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 4-11-01  
 MULTIPLE STATION ANALYSES

STATION	NUMBER	DATE	SAMPLE VOLUME SCHED- ULE 2002/ 9002 (ML) (99839)	SAMPLER TYPE (CODE) (84164)	SAM- PLING METHOD, CODES (82398)	SET NUMBER SCHED- ULE (NO.) (99819)	SET NUMBER SCHED- ULE (NO.) (99827)	SET NUMBER SCHED- ULE (NO.) (99838)	START- ING TIME (2400 HOURS) (82073)	TETHER LINE USED IN SAMPLNG (YES=1) (CODE) (04117)	VER- TICALS IN COM- POSITE SAMPLE (NUM) (04119)
11013500		01-26-01	--	--	--	--	2.10	--	--	--	--
		02-13-01	--	--	--	--	6.11	--	--	--	--
		02-23-01	--	--	--	--	6.11	--	--	--	--
11176710		03-16-00	--	1120	1000	--	--	--	1110.00	0	21



Table 1  
 Toxic Substances Monitoring Program  
 Preliminary Summary of 1997 Data

801.11.89	Lower Newport Bay/Rhine Ch	CM	L	07/11/97	1.080	0.0520	0.394	4.3800	0.0770	NA	0.0160
3.260	0.0020 22.20										
801.11.96	Peters Canyon Channel	PRS	W	06/19/97	0.057	0.0480	0.029	0.4100	0.0100	0.015	<0.0002
0.850	0.0010 23.70										
801.11.96	Peters Canyon Channel	PRS	W	06/19/97	0.063	0.0470	0.034	0.4300	0.0150	0.012	<0.0002
0.880	0.0010 23.30										
801.11.99	Upper Newport Bay/Newport Dunes	DT	F	06/20/97	1.480	<0.0001	<0.001	0.1100	<0.0001	0.028	0.0004
0.700	0.0010 3.83										
801.11.99	Upper Newport Bay/Newport Dunes	DT	L	06/20/97	5.180	0.1850	0.677	22.1000	0.0090	NA	0.0290
2.540	0.0340 73.00										
902.11.01	Santa Margarita R/Stuart Mesa Rd	GAM	W	06/24/97	0.058	0.0030	0.006	0.4700	0.0020	0.018	<0.0002
0.160	0.0060 16.40										
906.40.01	Rose Cr/d/s Mission Bay Dr	GAM	W	06/23/97	0.065	0.0020	0.023	0.5800	0.0560	0.012	<0.0002
0.210	0.0030 16.90										
906.40.01	Rose Cr/d/s Mission Bay Dr	GAM	W	06/23/97	0.057	0.0020	0.024	0.6400	0.0620	0.012	<0.0002
0.220	0.0030 16.40										
907.11.03	San Diego R/u/s Taylor St	BG	F	06/23/97	0.023	<0.0001	0.004	0.1200	<0.0001	0.015	<0.0002
0.340	<0.0003 2.69										
907.11.03	San Diego R/u/s Taylor St	BG	L	06/23/97	0.221	0.0160	0.502	1.0800	<0.0001	NA	0.0100
2.060	0.0010 16.30										
909.12.03	Sweetwater R/Interstate 805	LMB	W	06/22/97	0.012	0.0010	0.004	0.1800	0.0090	0.022	<0.0002
0.130	0.0005 10.80										
910.20.05	Otay R/Apache Service Pond	BG	F	06/22/97	0.031	<0.0001	<0.001	0.0700	0.0003	0.053	<0.0002
0.360	<0.0003 3.29										
910.20.05	Otay R/Apache Service Pond	BG	L	06/22/97	0.237	0.0140	0.576	1.5600	<0.0001	NA	0.0220
2.220	0.0010 20.90										
911.11.04	Tijuana R/Dairy Mart Rd	GAM	W	06/22/97	0.052	0.0010	0.017	0.4100	0.0190	0.012	<0.0002
0.330	0.0110 12.80										
					As	Cd	Cr	Cu	Pb	Hg	Ni

L = Liver. F = Filet. W = Whole Body.  
 Species codes are listed in Table 3.

< = Below Indicated Detection Limit.

NA = Not Analyzed.





Table 2  
1997

Toxaphene Station Group Number A	alpha-Chemical HCH	beta-HCH	delta-HCH	gamma-HCH (Lindane)	Total HCH	Hepta-chlor	Hepta-chlor-epoxide	Hexa-chloro-benzene	Methoxy-chlor	Oxa-diazon	Ethyl Para-thion	Methyl Para-thion	PCB 1248	PCB 1254	PCB 1260	Total PCB
728.00.92	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	<5.0	<10.0	<10.0	<50.0	<50.0	<50.0	ND
<100.0	ND															
801.11.05	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	8.7	<10.0	<10.0	<50.0	89.7	<50.0	89.7
495.0	509.4															
801.11.07	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	76.0	<10.0	<10.0	<50.0	<50.0	<50.0	ND
121.0	132.0															
801.11.09	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	100.0	<10.0	<10.0	<50.0	<50.0	<50.0	ND
<100.0	ND															
801.11.89	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	<5.0	<10.0	<10.0	<50.0	272.0	74.9	346.9
<100.0	ND															
801.11.96	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	42.0	<10.0	<10.0	<50.0	57.5	<50.0	57.5
405.0	440.9															
801.11.96	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	48.0	<10.0	<10.0	<50.0	67.6	<50.0	67.6
447.0	498.9															
801.11.99	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	<5.0	<10.0	<10.0	<50.0	<50.0	<50.0	ND
<100.0	ND															
902.11.01	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	<5.0	<10.0	<10.0	<50.0	<50.0	<50.0	ND
<100.0	ND															
906.40.01	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	68.0	<10.0	<10.0	<50.0	74.2	<50.0	74.2
<100.0	22.3															

NA Means that the sample was not analyzed for the chemical.  
 ND Means that the chemical was not detected.  
 < Means that the chemical was not detected above the indicated limit of detection.

F = Filet.  
 W = Whole Body.  
 Species codes are listed in Table 3.

**TABLE 2**  
**Toxic Substances Monitoring Program**  
**Preliminary Summary of 1997 Data: Organic Chemicals in Fish (ppb, wet weight)**

Total Chlor- Station Chlor- Number dane	Chlor- pyrifos	Dacthal Station Name	Species Code	Tissue Type	Sample Date	Aldrin	alpha- Chlor- dene	cis- Chlor- dane	gamma- Chlor- dene	trans- Chlor- dane	cis- Nona- chlor	trans- Nona- chlor	Oxy- chlor- dane
906.40.01 16.2 ND	<10.0 <5.0	Rose Cr/d/s Mission Bay Dr	GAM	W	06/23/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	11.0	5.2
907.11.03 ND	<10.0 <5.0	San Diego R/u/s Taylor St	BG	F	06/23/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
909.12.03 52.6 ND	<10.0 <5.0	Sweetwater R/Interstate 805	LMB	W	06/22/97	<5.0	<5.0	5.8	<5.0	<5.0	10.0	31.0	5.8
910.20.05 ND	<10.0 <5.0	Otay R/Apache Service Pond	BG	F	06/22/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
911.11.04 ND	<10.0 <5.0	Tijuana R/Dairy Mart Rd	GAM	W	06/22/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

  

Total Station Endo- Number sulfan	Dieldrin Endrin	o,p' Ethion DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	p,p' DDMS	Total DDT	Dicofol	Diazinon	Endo- sulfan I	Endo- sulfan II	Endo- sulfan Sulfate
906.40.01 ND	5.8 <15.0	<10.0 <20.0	<10.0	<10.0	8.6	<10.0	<10.0	<15.0	NA	8.6	NA	<50.0	<5.0	<70.0	<85.0
907.11.03 ND	<5.0 <15.0	<10.0 <20.0	<10.0	<10.0	<5.0	<10.0	<10.0	<15.0	NA	ND	NA	<50.0	<5.0	NA	NA
909.12.03 ND	<5.0 <15.0	<10.0 <20.0	<10.0	<10.0	39.0	<10.0	<10.0	<15.0	NA	39.0	NA	<50.0	<5.0	NA	NA
910.20.05 ND	<5.0 <15.0	<10.0 <20.0	<10.0	<10.0	50.0	<10.0	<10.0	<15.0	NA	50.0	NA	<50.0	<5.0	NA	NA
911.11.04 ND	<5.0 <15.0	<10.0 <20.0	14.0	<10.0	40.0	<10.0	<10.0	<15.0	NA	54.0	NA	<50.0	<5.0	<70.0	<85.0

  

Toxaphene Station Group Number A	alpha- Chemical HCH	beta- HCH	delta- HCH	gamma- HCH (Lindane)	Total HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene	Methoxy- chlor	Oxa- diazon	Ethyl Para- thion	Methyl Para- thion	PCB 1248	PCB 1254	PCB 1260	Total PCB
906.40.01 <100.0	<2.0 22.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	67.0	<10.0	<10.0	<50.0	83.3	<50.0	83.3
907.11.03 <100.0	<2.0 ND	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	<5.0	<10.0	<10.0	<50.0	<50.0	<50.0	ND
909.12.03 <100.0	<2.0 52.6	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	11.0	<10.0	<10.0	<50.0	<50.0	<50.0	ND
910.20.05 <100.0	<2.0 ND	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	<5.0	<10.0	<10.0	<50.0	<50.0	<50.0	ND
911.11.04 <100.0	<2.0 ND	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	<5.0	<10.0	<10.0	55.1	61.7	<50.0	116.8

**TABLE 3**  
Toxic Substances Monitoring Program

1997 Freshwater Fish Code List \*

Species Code	Common Name	Species Name	Family Name
BG	Blue gill	<i>Lepomis macrochirus</i>	Centrarchidae
BK	Brook Trout	<i>Salvelinus fontinalis</i>	Salmonidae
BN	Brown Trout	<i>Salmo trutta</i>	Salmonidae
CCF	Channel Catfish	<i>Ictalurus punctatus</i>	Ictaluridae
CP	Carp	<i>Cyprinus carpio</i>	Cyprinidae
FHM	Fathead Minnow	<i>Pimephales promelas</i>	Cyprinidae
GAM	Mosquitofish	<i>Gambusia affinis</i>	Poeciliidae
LMB	Largemouth Bass	<i>Micropterus salmoides</i>	Centrarchidae
PRS	Red Shiner	<i>Cyprinella lutrensis</i>	Cyprinidae
RBT	Rainbow Trout	<i>Oncorhynchus mykiss</i>	Salmonidae
RCH	California Roach	<i>Hesperoleucus symmetricus</i>	Cyprinidae
SCP	Sculpin	<i>Cottus sp.</i>	Cottidae
SKR	Sucker	<i>Catostomus sp.</i>	Catostomidae
SMB	Smallmouth Bass	<i>Micropterus dolomieu</i>	Centrarchidae
STB	Threespine Stickleback	<i>Gasterosteus aculeatus</i>	Gasterosteidae
TL	Tilapia	<i>Tilapia sp.</i>	Cichlidae

1997 Marine Fish Code List \*

Species Code	Common Name	Species Name	Family Name
CM	Chub Mackerel	<i>Scomber japonicus</i>	Scombridae
DT	Diamond Turbot	<i>Hypsopsetta guttulata</i>	Pleuronectidae
GSS	Gray Smoothhound Shark	<i>Mustelus californicus</i>	Carcharhinidae
LJM	Longjaw Mudsucker	<i>Gillichthys mirabilis</i>	Gobiidae
ORC	Orangemouth Corvina	<i>Cynoscion xanthulus</i>	Sciaenidae

\* Common and scientific fish names were obtained from Robins, C.R., R.M. Bailey, C.E. Bond, J.R. Brooker, E.A. Lachner, R.N. Lea, and W.B. Scott. 1991. Common and Scientific Names of Fishes from the United States and Canada. American Fisheries Society Special Publication 20, Bethesda, Maryland.