

Kyle Olewnik

303(d) Fact Sheet Region 9 Water Quality Control Board
Sweetwater River / Reservoir 909.12 / 909.21

SDRWQCB

Summary of Proposed Action

HU 909.12/909.21 Sweetwater River/Reservoir data for organics in water provided by USGS were reviewed and it is not recommended for listing on 303d.

303(d) Listing / TMDL Information

- Sweetwater River/Reservoir
- HU 909.12/21
- Potential pollutants: Organics in water

265

Watershed Characteristics

Sweetwater River/Reservoir was sampled near the Perdue Water Treatment Plant.

Water Quality Objectives Not Attained (or Objectives being Attained for Delisting)

None

Evidence of Impairment

No impairment demonstrated. USGS data on organics in the water were reviewed and no constituents were found to be significantly elevated and/or causing water quality violations.

Extent of Impairment (or Extent of Attainment)

None

Potential Sources

N/A

TMDL Priority

This water body is not recommended for a TMDL based on the USGS data.

Information Sources

USGS data 1999-2001

*TEMP
Chladore 1998
PCB 1999*

Sweetwater Reservoir **909.21**

It is recommended that Sweetwater Reservoir not be listed.

Watershed Characteristics

Sweetwater Reservoir is part of the Sweetwater Watershed, located in San Diego, California. It encompasses an area of 960 acres. Uses for the reservoir include contact and non-contact recreation, wildlife habitat, and a warm freshwater habitat, not to mention it is also a home to endangered species, making it an area of special biological significance. Sweetwater Reservoir is also a water supply source for municipal, domestic, agricultural, and industrial service and process uses.

Water Quality Objectives not Obtained

Sweetwater Reservoir was found to be in violation of inland surface water quality standards for manganese, iron, bromodichloromethane, chlorodibromomethane, chloroform, and simazine. Exceedances of phosphorous criteria also occurred in several samples collected in 2001.

Evidence of Impairment

All dates that the above said violations took place and the pollutant concentrations are summarized in the attached tables, along with the water quality standard for each parameter.

Extent of Impairment

At least one of the above listed parameters was above the acceptable limits between July 3rd, 1997 to November 29th, 2000. Manganese and iron were both above acceptable limits once (on the same day in the winter) out of the four times they were tested for. Iron had an average concentration of 0.27 mg/l, below the standard of 0.3 mg/l, and manganese had an average concentration of 0.056 mg/l, barely above the limit of 0.05 mg/l. Simazine was in violation two days (the only 2 times it was detected) out of a total of sixteen times it was tested for, with an average concentration of 0.01 mg/l. Bromodichloromethane, chlorodibromomethane, and chloroform were not in compliance one day in late summer. Like manganese and iron, each was only detected once out of the four times it was tested for. Phosphate (as ppb P) results exceeded the criteria of 0.025 mg/L for standing bodies of water for several samples collected in 2001, but in previous years had not exceeded this criteria.

Since there is no data indicating the sampling sites in the reservoir, it is assumed that the data is representative of the entire water body. Also, data is not taken over a period of days, so no conclusion can be drawn as to the violation be a persistent problem or a random occurrence.

Potential Sources

The source for the elevated levels of manganese and iron appear to be the result of stormwater runoff. The high concentration of these metals occurred during December, which is the known rainy season for southern California. The high levels of Simazine, a known pesticide, may be a result of over application, runoff from a rain event or over-watering. High levels of Bromodichloromethane, chlorodibromomethane, and chloroform were recorded on the same day in summer. The potential sources for these pollutants are the same as those for simazine.

Since no data is supplied for the streams and rivers emptying into Sweetwater Reservoir, the above listed sources are just assumed. Water quality data of the rivers discharging into Sweetwater Reservoir would allow for a better identification of the pollution source.

TMDL Priority

It is recommended that the Sweetwater Reservoir not be placed on TMDL listing. During the three years this reservoir was sampled, it was only in exceedance for heavy metal and Bromodichloromethane, chlorodibromomethane, and chloroform concentrations one day and simazine on two days. The high levels of organics can, however, have a severe impact on the ecosystem and human health. Since the violations for organics were one or two days, depending on the organic, over a three-year period, they are not a major concern at this point in time. Phosphorous also has not consistently exceeded criteria, but should be monitored closely in the future to observe for any increasing trends in phosphorous concentrations in the reservoir.

Source References

All water quality standards for heavy metals were taken from the Water Quality Control Plan for the San Diego Basin and the laboratory that tested the samples supplied the standards for the organics. Water Quality data from data files submitted by USGS and a transmittal letter with monitoring data from 7/97 – 1/01. 2001 phosphorous data obtained from a letter submitted from the Sweetwater Authority dated 7/19/01.

Sweetwater Reservoir

Standards

| Parameter | Value |
|----------------------|-----------|
| Manganese | 0.05 mg/l |
| Iron | 0.3 mg/l |
| Simazine | 0.07 mg/l |
| Bromodichloromethane | 0.2 ug/L |
| Chlorodibromoethane | 0.2 ug/L |
| Chloroform | 0.2 ug/L |

Violations

| Date | Parameter | Value |
|----------|----------------------|------------|
| 12/15/97 | Manganese | 0.135 mg/l |
| 12/15/97 | Iron | 0.83 mg/l |
| 7/24/97 | Simazine | 0.09 mg/l |
| 2/6/98 | Simazine | 0.07 mg/l |
| 9/5/00 | Bromodichloromethane | 0.2 ug/L |
| 9/5/00 | Chlorodibromoethane | 0.3 ug/L |
| 9/5/00 | Chloroform | 0.2 ug/L |

SWEETWATER RESERVOIR

HEAVY METALS:

| Date Sampled | mg/l Al | mg/l Sb | mg/l As | mg/l Ba | mg/l Be | mg/l Cd | mg/l Total Cr | mg/l Cu | mg/l Fe | mg/l Pb | mg/l Mn | mg/l Hg | mg/l Ni | mg/l Se | mg/l Ag | mg/l Tl | mg/l Zn |
|--------------|---------|---------|---------|---------|---------|---------|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 12/15/97 | 0.48 | | | 0.1400 | | | | ND | 0.83 | | 0.135 | | | | 0.006 | | ND |
| 02/25/98 | | ND | 0.0020 | | | ND | | ND | | 0.0010 | | | ND | ND | ND | | ND |
| 05/11/98 | | | 0.0015 | | | | | | | 0.0012 | | | | | | | |
| 06/17/98 | 0.10 | | | 0.0700 | | | | | 0.012 | 0.02 | | 0.035 | | | | ND | ND |
| 08/04/98 | | ND | 0.0020 | | | ND | | ND | | | ND | | ND | ND | | | ND |
| 02/09/99 | | ND | ND | | | ND | | 0.0042 | | | 0.0010 | | ND | ND | ND | | ND |
| 04/15/99 | | | | | | | | | | | ND | | | | | | |
| 07/15/99 | ND | ND | ND | 0.0560 | ND | ND | | 0.0078 | 0.003 | ND | ND | 0.009 | ND | ND | ND | ND | ND |
| 02/24/00 | 0.16 | ND | 0.0018 | 0.0590 | ND | ND | | ND | 0.0033 | 0.232 | 0.0006 | 0.045 | ND | ND | ND | ND | 0.0098 |

INORGANIC CHEMICAL:

| Date Sampled | us/cmE | | mg/l Cond | mg/l pH | mg/l TDS | mg/l as CaCO ₃ | mg/l as CaCO ₃ | mg/l as CaCO ₃ Ca Hardness | mg/l as CaCO ₃ Mg Hardness | mg/l Ca ⁺² | mg/l Mg ⁺² | mg/l Na ⁺ | mg/l K ⁺ | mg/l F ⁻ | mg/l Cl ⁻ | mg/l Br ⁻ | mg/l SO ₄ ⁻² | mg/l NO ₃ ⁻ -N | mg/l NO ₂ ⁻ -N | mg/l PO ₄ ^{3-P} |
|--------------|-----------|----------|-----------|---------|----------|---------------------------|---------------------------|---------------------------------------|---------------------------------------|-----------------------|-----------------------|----------------------|---------------------|---------------------|----------------------|----------------------|------------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|
| | Total Alk | Hardness | | | | Ca Hardness | Mg Hardness | | | | | | | | | | | | | |
| 07/03/97 | 937 | 8.1 | 556 | 166 | 268 | 129 | 139 | 51.6 | 33.8 | | | | 0.30 | 129 | | 113 | | | | |
| 09/10/97 | | | | | | | | | | | | | | | 0.418 | | 0.12 | ND | | |
| 12/02/97 | 1007 | 8.1 | 632 | 151 | 270 | 168 | 102 | 67.2 | 24.8 | 125 | 4.9 | 0.32 | 162 | | 135 | | | | | |
| 02/12/98 | | | | | | | | | | | | | | | 0.477 | | 0.73 | ND | | |
| 06/17/98 | 676 | 7.4 | 438 | 130 | 201 | 110 | 91 | 44.0 | 22.1 | 69 | 2.9 | 0.22 | 100 | 0.277 | 71 | 0.14 | 0.070 | | | |
| 08/04/98 | | | | | | | | | | | 78 | | | | | | | | | |
| 01/07/99 | 737 | 7.8 | 528 | 159 | 256 | 136 | 120 | 54.4 | 29.2 | 62 | 2.8 | 0.25 | 127 | 0.36 | 81.5 | 0.12 | ND | ND | | |
| 06/23/99 | 744 | 7.7 | 461 | 163 | 240 | 124 | 116 | 49.6 | 28.1 | | 79.0 | 3.1 | | 0.26 | 112 | 0.33 | 73.6 | 0.07 | ND | |
| 07/15/99 | | | | | | | | | | | | | | | | | | | | |
| 01/26/00 | 861 | 7.8 | 552 | 170 | 265 | 153 | 112 | 61.3 | 27.2 | | 70.5 | 3.06 | 0.294 | 127 | 0.43 | 90.98 | 0.12 | ND | ND | |
| 02/24/00 | | | | | | | | | | | | | | | | | | | | |
| 07/26/00 | 898 | 8.4 | 539 | 158 | 252 | 125 | 127 | 50.1 | 30.8 | | | | 0.282 | 140 | 0.41 | 91.7 | ND | ND | ND | |
| 11/29/00 | 922 | 8.0 | 596 | 174 | 280 | 136 | 144 | 54.5 | 35 | | | | 0.302 | 149 | 0.46 | 98.8 | 0.02 | ND | ND | |

303(d) data for SWRCB

| Date Sampled | Sample Point | Compound | Method | ppb | Det.Limit | Units |
|--------------|-----------------|----------------------------------|--------|-----|-----------|-------|
| 8/11/98 | Sweetwater Lake | 1,1,1,2-Tetrachloroethane | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | 1,1,1-Trichloroethane | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | 1,1,2,2-Tetrachloroethane | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | 1,1,2-Trichloroethane | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | 1,1-Dichloroethane | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | 1,1-Dichloroethylene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | 1,1-Dichloropropene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | 1,2,3-Trichlorobenzene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | 1,2,3-Trichloropropane | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | 1,2,4-Trichlorobenzene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | 1,2,4-Trimethylbenzene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | 1,2-Dichloroethane | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | 1,2-Dichloropropane | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | 1,3,5-Trimethylbenzene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | 1,3-Dichloropropane | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | p-Dichlorobenzene (1,4-DCB) | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | 2,2-Dichloropropane | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | 2-Butanone (Methyl Ethyl Ketone) | 524.2 | ND | 5.0 | µg/l |
| 8/11/98 | Sweetwater Lake | o-Chlorotoluene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | p-Chlorotoluene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | 4-Methyl-2-Pentanone (MIBK) | 524.2 | ND | 5.0 | µg/l |
| 8/11/98 | Sweetwater Lake | Benzene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Bromobenzene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Bromomethane (Methyl bromide) | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | cis-1,2-Dichloroethylene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Chlorobenzene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Carbon Tetrachloride | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | cis-1,3-Dichloropropene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Bromoform | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Chloroform (Trichloromethane) | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Bromochloromethane | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Chloroethane | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Chloromethane (Methyl chloride) | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Chlorodibromomethane | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Dibromomethane | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Bromodichloromethane | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Dichloromethane | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Di-isopropyl ether | 524.2 | ND | 5.0 | µg/l |
| 8/11/98 | Sweetwater Lake | Ethyl Benzene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Dichlorodifluoromethane | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Fluorotrifluoromethane (freon11) | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Hexachlorobutadiene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Isopropylbenzene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | m-Dichlorobenzene (1,3-DCB) | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | m,p-Xylenes | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Methyl Tert-butyl ether (MTBE) | 524.2 | ND | 5.0 | µg/l |
| 8/11/98 | Sweetwater Lake | Naphthalene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | n-Butylbenzene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | n-Propylbenzene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | o-Xylene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | o-Dichlorobenzene (1,2-DCB) | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Tetrachloroethylene (PCE) | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | p-Isopropyltoluene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | sec-Butylbenzene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Styrene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | trans-1,2-Dichloroethylene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | tert-amyl Methyl Ether | 524.2 | ND | 5.0 | µg/l |
| 8/11/98 | Sweetwater Lake | tert-Butyl Ethyl Ether | 524.2 | ND | 5.0 | µg/l |
| 8/11/98 | Sweetwater Lake | tert-Butylbenzene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Trichloroethylene (TCE) | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Trichlorotrifluoroethane (freon) | 524.2 | ND | 0.5 | µg/l |

| Date Sampled | Sample Point | Compound | Method | ppb | Det.Limit | Units |
|-----------------|-----------------|----------------------------------|--------|-----|-----------|-------|
| 8/11/98 | Sweetwater Lake | trans-1,3-Dichloropropene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Toluene | 524.2 | ND | 0.5 | µg/l |
| 8/11/98 | Sweetwater Lake | Vinyl chloride (VC) | 524.2 | ND | 0.3 | µg/l |
| 8/24/99 | Sweetwater Lake | 1,1,1,2-Tetrachloroethane | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | 1,1,1-Trichloroethane | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | 1,1,2,2-Tetrachloroethane | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | 1,1,2-Trichloroethane | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | 1,1-Dichloroethane | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | 1,1-Dichloroethylene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | 1,1-Dichloropropene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | 1,2,3-Trichlorobenzene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | 1,2,3-Trichloropropane | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | 1,2,4-Trichlorobenzene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | 1,2,4-Trimethylbenzene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | 1,2-Dichloroethane | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | 1,2-Dichloropropane | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | 1,3,5-Trimethylbenzene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | 1,3-Dichloropropane | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | p-Dichlorobenzene (1,4-DCB) | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | 2,2-Dichloropropane | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | 2-Butanone (Methyl Ethyl Ketone) | 524.2 | ND | 5.0 | µg/l |
| 8/24/99 | Sweetwater Lake | o-Chlorotoluene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | p-Chlorotoluene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | 4-Methyl-2-Pantanone (MIBK) | 524.2 | ND | 5.0 | µg/l |
| 8/24/99 | Sweetwater Lake | Benzene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Bromobenzene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Bromomethane (Methyl bromide) | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | cis-1,2-Dichloroethylene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Chlorobenzene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Carbon Tetrachloride | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | cis-1,3-Dichloropropene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Bromoform | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Chloroform (Trichloromethane) | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Bromoform | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Chloroethane | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Chloromethane (Methyl chloride) | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Chlorodibromomethane | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Dibromomethane | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Bromodichloromethane | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Dichloromethane | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Di-isopropyl ether | 524.2 | ND | 5.0 | µg/l |
| 8/24/99 | Sweetwater Lake | Ethyl Benzene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Dichlorodifluoromethane | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Fluorotrichloromethane (freon11) | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Hexachlorobutadiene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Isopropylbenzene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | m-Dichlorobenzene (1,3-DCB) | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | m,p-Xylenes | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Methyl Tert-butyl ether (MTBE) | 524.2 | ND | 3.0 | µg/l |
| 8/24/99 | Sweetwater Lake | Naphthalene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | n-Butylbenzene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | n-Propylbenzene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | o-Xylene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | o-Dichlorobenzene (1,2-DCB) | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Tetrachloroethylene (PCE) | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | p-Isopropyltoluene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | sec-Butylbenzene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | Styrene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | trans-1,2-Dichloroethylene | 524.2 | ND | 0.5 | µg/l |
| 8/24/99 | Sweetwater Lake | tert-amyl Methyl Ether | 524.2 | ND | 3.0 | µg/l |
| 8/24/99 | Sweetwater Lake | tert-Butyl Ethyl Ether | 524.2 | ND | 3.0 | µg/l |

303(d) data for SWRCB

| Date | Sampled | Sample Point | Compound | Method | ppb | Det.Limit | Units |
|------|---------|-----------------|----------------------------------|--------|------|-----------|-------|
| | 8/24/99 | Sweetwater Lake | tert-Butylbenzene | 524.2 | ND | 0.5 | µg/l |
| | 8/24/99 | Sweetwater Lake | Trichloroethylene (TCE) | 524.2 | ND | 0.5 | µg/l |
| | 8/24/99 | Sweetwater Lake | Trichlorotrifluoroethane (freon) | 524.2 | ND | 0.5 | µg/l |
| | 8/24/99 | Sweetwater Lake | trans-1,3-Dichloropropene | 524.2 | ND | 0.5 | µg/l |
| | 8/24/99 | Sweetwater Lake | Toluene | 524.2 | ND | 0.5 | µg/l |
| | 8/24/99 | Sweetwater Lake | Vinyl chloride (VC) | 524.2 | ND | 0.3 | µg/l |
| | 9/5/00 | Sweetwater Lake | Acrylonitrile | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Benzene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Bromobenzene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Bromoform | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Bromochloromethane | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Bromodichloromethane | 524.2 | 0.20 | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Bromomethane (Methyl bromide) | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | n-Butylbenzene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | sec-Butylbenzene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Carbon Tetrachloride | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Chlorobenzene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Chlorodibromomethane | 524.2 | 0.30 | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Chloroethane | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Chloroform (Trichloromethane) | 524.2 | 0.20 | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Chloromethane (Methyl chloride) | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | o-Chlorotoluene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | p-Chlorotoluene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Dibromomethane | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | o-Dichlorobenzene (1,2-DCB) | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | m-Dichlorobenzene (1,3-DCB) | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | p-Dichlorobenzene (1,4-DCB) | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Dichlorodifluoromethane | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 1,1-Dichloroethane | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 1,2-Dichloroethane | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 1,1-Dichloroethylene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | cis-1,2-Dichloroethylene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | trans-1,2-Dichloroethylene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 1,2-Dichloropropane | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 1,3-Dichloropropane | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 2,2-Dichloropropane | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 1,1-Dichloropropene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | cis-1,3-Dichloropropene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | trans-1,3-Dichloropropene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | DIPE | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | ETBE | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Ethyl Benzene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Hexachlorobutadiene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Hexachloroethane | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Isopropylbenzene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | p-Isopropyltoluene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 2-Butanone (Methyl Ethyl Ketone) | 524.2 | ND | 2.0 | µg/l |
| | 9/5/00 | Sweetwater Lake | Methylene Chloride | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Methyl Tert-butyl ether (MTBE) | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Naphthalene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | n-Propylbenzene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Styrene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | tert-amyl Methyl Ether | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Tetrachloroethylene (PCE) | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 1,1,1,2-Tetrachloroethane | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 1,1,2,2-Tetrachloroethane | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Toluene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 1,2,3-Trichlorobenzene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 1,2,4-Trichlorobenzene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 1,1,1-Trichloroethane | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 1,1,2-Trichloroethane | 524.2 | ND | 0.2 | µg/l |

| Date | Sampled | Sample Point | Compound | Method | ppb | Det.Limit | Units |
|------|---------|-----------------|-------------------------------------|--------|-----|-----------|-------|
| | 9/5/00 | Sweetwater Lake | Trichloroethylene (TCE) | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Fluorotrichloromethane (freon11) | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 1,1,2,Trichloro-1,2,2-trifluoroetha | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 1,2,3-Trichloroproppane | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 1,2,4-Trimethylbenzene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | 1,3,5-Trimethylbenzene | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Vinyl bromide | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | Vinyl chloride (VC) | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | m,p-Xylenes | 524.2 | ND | 0.2 | µg/l |
| | 9/5/00 | Sweetwater Lake | o-Xylene | 524.2 | ND | 0.2 | µg/l |
| | 10/4/00 | Sweetwater Lake | 1,1,1-Trichloroethane | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | 1,1,2,2-Tetrachloroethane | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | 1,1,2-Trichloroethane | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | 1,1-Dichloroethane | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | 1,1-Dichloroethylene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | 1,1-Dichloropropene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | 1,2,3-Trichlorobenzene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | 1,2,3-Trichloroproppane | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | 1,2,4-Trichlorobenzene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | 1,2,4-Trimethylbenzene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | 1,2-Dichloroethane | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | 1,2-Dichloropropane | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | 1,3,5-Trimethylbenzene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | 1,3-Dichloropropane | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | p-Dichlorobenzene (1,4-DCB) | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | 2,2-Dichloropropane | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | 2-Butanone (Methyl Ethyl Ketone) | 524.2 | ND | 5.0 | µg/l |
| | 10/4/00 | Sweetwater Lake | o-Chlorotoluene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | p-Chlorotoluene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | 4-Methyl-2-Pentanone (MIBK) | 524.2 | ND | 5.0 | µg/l |
| | 10/4/00 | Sweetwater Lake | Benzene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Bromobenzene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Bromomethane (Methyl bromide) | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | cis-1,2-Dichloroethylene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Chlorobenzene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Carbon Tetrachloride | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | cis-1,3-Dichloropropene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Bromoform | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Chloroform (Trichloromethane) | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Bromochloromethane | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Chloroethane | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Chloromethane (Methyl chloride) | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Chlorodibromomethane | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Dibromomethane | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Bromodichloromethane | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Dichloromethane | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Di-isopropyl ether | 524.2 | ND | 5.0 | µg/l |
| | 10/4/00 | Sweetwater Lake | Ethyl Benzene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Dichlorodifluoromethane | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Fluorotrichloromethane (freon11) | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Hexachlorobutadiene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Isopropylbenzene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | m-Dichlorobenzene (1,3-DCB) | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | m,p-Xylenes | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Methyl Tert-butyl ether (MTBE) | 524.2 | ND | 3.0 | µg/l |
| | 10/4/00 | Sweetwater Lake | Naphthalene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | n-Butylbenzene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | n-Propylbenzene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | o-Xylene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | o-Dichlorobenzene (1,2-DCB) | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Tetrachloroethylene (PCE) | 524.2 | ND | 0.5 | µg/l |

303(d) data for SWRCB

| Date | Sampled | Sample Point | Compound | Method | ppb | Det.Limit | Units |
|------|---------|-----------------|----------------------------------|--------|-----|-----------|-------|
| | 10/4/00 | Sweetwater Lake | p-Isopropyltoluene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | sec-Butylbenzene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Styrene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | trans-1,2-Dichloroethylene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | tert-amyl Methyl Ether | 524.2 | ND | 3.0 | µg/l |
| | 10/4/00 | Sweetwater Lake | tert-Butyl Ethyl Ether | 524.2 | ND | 3.0 | µg/l |
| | 10/4/00 | Sweetwater Lake | tert-Butylbenzene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Trichloroethylene (TCE) | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Trichlorotrifluoroethane (freon) | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | trans-1,3-Dichloropropene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Toluene | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Total THM | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Total xylenes | 524.2 | ND | 0.5 | µg/l |
| | 10/4/00 | Sweetwater Lake | Vinyl chloride (VC) | 524.2 | ND | 0.3 | µg/l |

| | A | B | C | D | E | F | G |
|------|--------------|-----------------|-------------------|--------|-------|-----------|-------|
| 1 | Date Sampled | Sample Point | Compound | Method | ppb | Det.Limit | Units |
| 1441 | 07/24/97 | Sweetwater Lake | Glyphosate | 547 | ND | 6 | µg/l |
| 1442 | 07/24/97 | Sweetwater Lake | Alachlor (Alanex) | 507 | ND | 0.2 | µg/l |
| 1443 | 07/24/97 | Sweetwater Lake | Atrazine | 507 | ND | 0.1 | µg/l |
| 1444 | 07/24/97 | Sweetwater Lake | Bromacil | 507 | ND | 2.2 | µg/l |
| 1445 | 07/24/97 | Sweetwater Lake | Cyanazine | 507 | ND | 0.5 | µg/l |
| 1446 | 07/24/97 | Sweetwater Lake | Diazinon | 507 | ND | 0.1 | µg/l |
| 1447 | 07/24/97 | Sweetwater Lake | Dimethoate | 507 | ND | 10 | µg/l |
| 1448 | 07/24/97 | Sweetwater Lake | Moliniate | 507 | ND | 0.4 | µg/l |
| 1449 | 07/24/97 | Sweetwater Lake | Prometryn | 507 | ND | 0.5 | µg/l |
| 1450 | 07/24/97 | Sweetwater Lake | Simazine | 507 | 0.090 | 0.07 | µg/l |
| 1451 | 07/24/97 | Sweetwater Lake | Thiobencarb | 507 | ND | 1 | µg/l |
| 1467 | 11/19/97 | Sweetwater Lake | Glyphosate | 547 | ND | 6 | µg/l |
| 1468 | 11/19/97 | Sweetwater Lake | Alachlor (Alanex) | 507 | ND | 0.1 | µg/l |
| 1469 | 11/19/97 | Sweetwater Lake | Atrazine | 507 | ND | 0.1 | µg/l |
| 1470 | 11/19/97 | Sweetwater Lake | Bromacil | 507 | ND | 2.2 | µg/l |
| 1471 | 11/19/97 | Sweetwater Lake | Cyanazine | 507 | ND | 0.5 | µg/l |
| 1472 | 11/19/97 | Sweetwater Lake | Diazinon | 507 | ND | 0.1 | µg/l |
| 1473 | 11/19/97 | Sweetwater Lake | Dimethoate | 507 | ND | 10 | µg/l |
| 1474 | 11/19/97 | Sweetwater Lake | Moliniate | 507 | ND | 0.4 | µg/l |
| 1475 | 11/19/97 | Sweetwater Lake | Prometryn | 507 | ND | 0.5 | µg/l |
| 1476 | 11/19/97 | Sweetwater Lake | Simazine | 507 | ND | 0.07 | µg/l |
| 1477 | 11/19/97 | Sweetwater Lake | Thiobencarb | 507 | ND | 1 | µg/l |
| 1488 | 02/06/98 | Sweetwater Lake | Alachlor (Alanex) | 507 | ND | 0.1 | µg/l |
| 1489 | 02/06/98 | Sweetwater Lake | Atrazine | 507 | ND | 0.1 | µg/l |
| 1490 | 02/06/98 | Sweetwater Lake | Bromacil | 507 | ND | 2.2 | µg/l |
| 1491 | 02/06/98 | Sweetwater Lake | Cyanazine | 507 | ND | 0.5 | µg/l |
| 1492 | 02/06/98 | Sweetwater Lake | Diazinon | 507 | ND | 0.1 | µg/l |
| 1493 | 02/06/98 | Sweetwater Lake | Dimethoate | 507 | ND | 10 | µg/l |
| 1494 | 02/06/98 | Sweetwater Lake | Moliniate | 507 | ND | 0.4 | µg/l |
| 1495 | 02/06/98 | Sweetwater Lake | Prometryn | 507 | ND | 0.5 | µg/l |
| 1496 | 02/06/98 | Sweetwater Lake | Simazine | 507 | 0.070 | 0.07 | µg/l |
| 1497 | 02/06/98 | Sweetwater Lake | Thiobencarb | 507 | ND | 1 | µg/l |
| 1518 | 04/03/98 | Sweetwater Lake | Alachlor (Alanex) | 507 | ND | 0.2 | µg/l |
| 1519 | 04/03/98 | Sweetwater Lake | Atrazine | 507 | ND | 0.1 | µg/l |
| 1520 | 04/03/98 | Sweetwater Lake | Bromacil | 507 | ND | 2.2 | µg/l |
| 1521 | 04/03/98 | Sweetwater Lake | Cyanazine | 507 | ND | 0.5 | µg/l |
| 1522 | 04/03/98 | Sweetwater Lake | Diazinon | 507 | ND | 0.1 | µg/l |
| 1523 | 04/03/98 | Sweetwater Lake | Dimethoate | 507 | ND | 10 | µg/l |
| 1524 | 04/03/98 | Sweetwater Lake | Moliniate | 507 | ND | 0.4 | µg/l |
| 1525 | 04/03/98 | Sweetwater Lake | Prometryn | 507 | ND | 0.5 | µg/l |
| 1526 | 04/03/98 | Sweetwater Lake | Simazine | 507 | ND | 0.07 | µg/l |
| 1527 | 04/03/98 | Sweetwater Lake | Thiobencarb | 507 | ND | 1 | µg/l |
| 1538 | 08/04/98 | Sweetwater Lake | Glyphosate | 547 | ND | 6 | µg/l |
| 1539 | 08/04/98 | Sweetwater Lake | Alachlor (Alanex) | 507 | ND | 0.2 | µg/l |
| 1540 | 08/04/98 | Sweetwater Lake | Atrazine | 507 | ND | 0.1 | µg/l |
| 1541 | 08/04/98 | Sweetwater Lake | Bromacil | 507 | ND | 2.2 | µg/l |
| 1542 | 08/04/98 | Sweetwater Lake | Cyanazine | 507 | ND | 0.5 | µg/l |
| 1543 | 08/04/98 | Sweetwater Lake | Diazinon | 507 | ND | 0.1 | µg/l |
| 1544 | 08/04/98 | Sweetwater Lake | Dimethoate | 507 | ND | 10 | µg/l |
| 1545 | 08/04/98 | Sweetwater Lake | Moliniate | 507 | ND | 0.4 | µg/l |
| 1546 | 08/04/98 | Sweetwater Lake | Prometryn | 507 | ND | 0.5 | µg/l |
| 1547 | 08/04/98 | Sweetwater Lake | Simazine | 507 | ND | 0.07 | µg/l |
| 1548 | 08/04/98 | Sweetwater Lake | Thiobencarb | 507 | ND | 1 | µg/l |
| 1549 | 09/17/98 | Sweetwater Lake | Alachlor (Alanex) | 507 | ND | 0.2 | µg/l |
| 1550 | 09/17/98 | Sweetwater Lake | Atrazine | 507 | ND | 0.1 | µg/l |
| 1551 | 09/17/98 | Sweetwater Lake | Bromacil | 507 | ND | 2.2 | µg/l |
| 1552 | 09/17/98 | Sweetwater Lake | Cyanazine | 507 | ND | 0.5 | µg/l |
| 1553 | 09/17/98 | Sweetwater Lake | Diazinon | 507 | ND | 0.1 | µg/l |
| 1554 | 09/17/98 | Sweetwater Lake | Dimethoate | 507 | ND | 10 | µg/l |
| 1555 | 09/17/98 | Sweetwater Lake | Moliniate | 507 | ND | 0.4 | µg/l |
| 1556 | 09/17/98 | Sweetwater Lake | Prometryn | 507 | ND | 0.5 | µg/l |
| 1557 | 09/17/98 | Sweetwater Lake | Simazine | 507 | ND | 0.07 | µg/l |
| 1558 | 09/17/98 | Sweetwater Lake | Thiobencarb | 507 | ND | 1 | µg/l |
| 1559 | 10/15/98 | Sweetwater Lake | Glyphosate | 547 | ND | 6 | µg/l |
| 1560 | 12/09/98 | Sweetwater Lake | Alachlor (Alanex) | 507 | ND | 0.2 | µg/l |

| | A | B | C | D | E | F | G |
|------|----------|-----------------|-------------------|--------|-----|-----------|-------|
| | Date | Sample Point | Compound | Method | ppb | Det.Limit | Units |
| 1 | 12/09/98 | Sweetwater Lake | Atrazine | 507 | ND | 0.1 | µg/l |
| 1561 | 12/09/98 | Sweetwater Lake | Bromacil | 507 | ND | 2.2 | µg/l |
| 1562 | 12/09/98 | Sweetwater Lake | Cyanazine | 507 | ND | 0.5 | µg/l |
| 1563 | 12/09/98 | Sweetwater Lake | Diazinon | 507 | ND | 0.1 | µg/l |
| 1564 | 12/09/98 | Sweetwater Lake | Dimethoate | 507 | ND | 10 | µg/l |
| 1565 | 12/09/98 | Sweetwater Lake | Moliniate | 507 | ND | 0.4 | µg/l |
| 1566 | 12/09/98 | Sweetwater Lake | Prometryn | 507 | ND | 0.5 | µg/l |
| 1568 | 12/09/98 | Sweetwater Lake | Simazine | 507 | ND | 0.07 | µg/l |
| 1569 | 12/09/98 | Sweetwater Lake | Thiobencarb | 507 | ND | 1 | µg/l |
| 1570 | 01/12/99 | Sweetwater Lake | Alachlor (Alanex) | 507 | ND | 0.2 | µg/l |
| 1571 | 01/12/99 | Sweetwater Lake | Atrazine | 507 | ND | 0.1 | µg/l |
| 1572 | 01/12/99 | Sweetwater Lake | Bromacil | 507 | ND | 2.2 | µg/l |
| 1573 | 01/12/99 | Sweetwater Lake | Cyanazine | 507 | ND | 0.5 | µg/l |
| 1574 | 01/12/99 | Sweetwater Lake | Diazinon | 507 | ND | 0.1 | µg/l |
| 1575 | 01/12/99 | Sweetwater Lake | Dimethoate | 507 | ND | 10 | µg/l |
| 1576 | 01/12/99 | Sweetwater Lake | Moliniate | 507 | ND | 0.4 | µg/l |
| 1577 | 01/12/99 | Sweetwater Lake | Prometryn | 507 | ND | 0.5 | µg/l |
| 1578 | 01/12/99 | Sweetwater Lake | Simazine | 507 | ND | 0.07 | µg/l |
| 1579 | 01/12/99 | Sweetwater Lake | Thiobencarb | 507 | ND | 1 | µg/l |
| 1580 | 01/12/99 | Sweetwater Lake | Glyphosate | 547 | ND | 6 | µg/l |
| 1581 | 04/14/99 | Sweetwater Lake | Alachlor (Alanex) | 507 | ND | 0.2 | µg/l |
| 1582 | 04/14/99 | Sweetwater Lake | Atrazine | 507 | ND | 0.1 | µg/l |
| 1583 | 04/14/99 | Sweetwater Lake | Bromacil | 507 | ND | 2.2 | µg/l |
| 1584 | 04/14/99 | Sweetwater Lake | Cyanazine | 507 | ND | 0.5 | µg/l |
| 1585 | 04/14/99 | Sweetwater Lake | Diazinon | 507 | ND | 0.1 | µg/l |
| 1586 | 04/14/99 | Sweetwater Lake | Dimethoate | 507 | ND | 10 | µg/l |
| 1587 | 04/14/99 | Sweetwater Lake | Moliniate | 507 | ND | 0.4 | µg/l |
| 1588 | 04/14/99 | Sweetwater Lake | Prometryn | 507 | ND | 0.5 | µg/l |
| 1589 | 04/14/99 | Sweetwater Lake | Simazine | 507 | ND | 0.07 | µg/l |
| 1590 | 04/14/99 | Sweetwater Lake | Thiobencarb | 507 | ND | 1 | µg/l |
| 1591 | 04/14/99 | Sweetwater Lake | Glyphosate | 547 | ND | 6 | µg/l |
| 2582 | 07/28/99 | Sweetwater Lake | Alachlor (Alanex) | 507 | ND | 0.2 | µg/l |
| 2583 | 07/28/99 | Sweetwater Lake | Atrazine | 507 | ND | 0.1 | µg/l |
| 2584 | 07/28/99 | Sweetwater Lake | Bromacil | 507 | ND | 2.2 | µg/l |
| 2585 | 07/28/99 | Sweetwater Lake | Cyanazine | 507 | ND | 0.5 | µg/l |
| 2586 | 07/28/99 | Sweetwater Lake | Diazinon | 507 | ND | 0.1 | µg/l |
| 2587 | 07/28/99 | Sweetwater Lake | Dimethoate | 507 | ND | 10 | µg/l |
| 2588 | 07/28/99 | Sweetwater Lake | Moliniate | 507 | ND | 0.4 | µg/l |
| 2589 | 07/28/99 | Sweetwater Lake | Prometryn | 507 | ND | 0.5 | µg/l |
| 2590 | 07/28/99 | Sweetwater Lake | Simazine | 507 | ND | 0.07 | µg/l |
| 2591 | 07/28/99 | Sweetwater Lake | Thiobencarb | 507 | ND | 1 | µg/l |
| 2592 | 07/28/99 | Sweetwater Lake | Glyphosate | 547 | ND | 6 | µg/l |
| 3556 | 10/21/99 | Sweetwater Lake | Glyphosate | 547 | ND | 6 | µg/l |
| 3557 | 10/21/99 | Sweetwater Lake | Alachlor (Alanex) | 507 | ND | 0.2 | µg/l |
| 3558 | 10/21/99 | Sweetwater Lake | Atrazine | 507 | ND | 0.1 | µg/l |
| 3559 | 10/21/99 | Sweetwater Lake | Bromacil | 507 | ND | 2.2 | µg/l |
| 3560 | 10/21/99 | Sweetwater Lake | Cyanazine | 507 | ND | 0.5 | µg/l |
| 3561 | 10/21/99 | Sweetwater Lake | Diazinon | 507 | ND | 0.1 | µg/l |
| 3562 | 10/21/99 | Sweetwater Lake | Dimethoate | 507 | ND | 10 | µg/l |
| 3563 | 10/21/99 | Sweetwater Lake | Moliniate | 507 | ND | 0.4 | µg/l |
| 3564 | 10/21/99 | Sweetwater Lake | Prometryn | 507 | ND | 0.5 | µg/l |
| 3565 | 10/21/99 | Sweetwater Lake | Simazine | 507 | ND | 0.07 | µg/l |
| 3566 | 10/21/99 | Sweetwater Lake | Thiobencarb | 507 | ND | 1 | µg/l |
| 3567 | 01/11/00 | Sweetwater Lake | Glyphosate | 547 | ND | 6 | µg/l |
| 3568 | 01/11/00 | Sweetwater Lake | Alachlor (Alanex) | 507 | ND | 0.2 | µg/l |
| 3569 | 01/11/00 | Sweetwater Lake | Atrazine | 507 | ND | 0.1 | µg/l |
| 3570 | 01/11/00 | Sweetwater Lake | Bromacil | 507 | ND | 2.2 | µg/l |
| 3571 | 01/11/00 | Sweetwater Lake | Cyanazine | 507 | ND | 0.5 | µg/l |
| 3572 | 01/11/00 | Sweetwater Lake | Diazinon | 507 | ND | 0.1 | µg/l |
| 3573 | 01/11/00 | Sweetwater Lake | Dimethoate | 507 | ND | 10 | µg/l |
| 3574 | 01/11/00 | Sweetwater Lake | Moliniate | 507 | ND | 0.4 | µg/l |
| 3575 | 01/11/00 | Sweetwater Lake | Prometryn | 507 | ND | 0.5 | µg/l |
| 3576 | 01/11/00 | Sweetwater Lake | Simazine | 507 | ND | 0.07 | µg/l |
| 3577 | 01/11/00 | Sweetwater Lake | Thiobencarb | 507 | ND | 1 | µg/l |
| 4173 | 04/12/00 | Sweetwater Lake | Glyphosate | 547 | ND | 6 | µg/l |

| | A | B | C | D | E | F | G |
|------|----------|-----------------|-------------------|--------|-----|-----------|-------|
| | Date | Sample Point | Compound | Method | ppb | Det.Limit | Units |
| 1 | Sampled | Sweetwater Lake | Alachlor (Alanex) | 507 | ND | 0.2 | µg/l |
| 4174 | 04/12/00 | Sweetwater Lake | Atrazine | 507 | ND | 0.1 | µg/l |
| 4175 | 04/12/00 | Sweetwater Lake | Bromacil | 507 | ND | 2.2 | µg/l |
| 4176 | 04/12/00 | Sweetwater Lake | Cyanazine | 507 | ND | 0.5 | µg/l |
| 4177 | 04/12/00 | Sweetwater Lake | Diazinon | 507 | ND | 0.1 | µg/l |
| 4178 | 04/12/00 | Sweetwater Lake | Dimethoate | 507 | ND | 10 | µg/l |
| 4179 | 04/12/00 | Sweetwater Lake | Moliniate | 507 | ND | 0.4 | µg/l |
| 4180 | 04/12/00 | Sweetwater Lake | Prometryn | 507 | ND | 0.5 | µg/l |
| 4181 | 04/12/00 | Sweetwater Lake | Simazine | 507 | ND | 0.07 | µg/l |
| 4182 | 04/12/00 | Sweetwater Lake | Thiobencarb | 507 | ND | 1 | µg/l |
| 5254 | 07/11/00 | Sweetwater Lake | Glyphosate | 547 | ND | 6 | µg/l |
| 5255 | 07/11/00 | Sweetwater Lake | Alachlor (Alanex) | 507 | ND | 0.2 | µg/l |
| 5256 | 07/11/00 | Sweetwater Lake | Atrazine | 507 | ND | 0.1 | µg/l |
| 5257 | 07/11/00 | Sweetwater Lake | Bromacil | 507 | ND | 2.2 | µg/l |
| 5258 | 07/11/00 | Sweetwater Lake | Cyanazine | 507 | ND | 0.5 | µg/l |
| 5259 | 07/11/00 | Sweetwater Lake | Diazinon | 507 | ND | 0.1 | µg/l |
| 5260 | 07/11/00 | Sweetwater Lake | Dimethoate | 507 | ND | 10 | µg/l |
| 5261 | 07/11/00 | Sweetwater Lake | Moliniate | 507 | ND | 0.4 | µg/l |
| 5262 | 07/11/00 | Sweetwater Lake | Prometryn | 507 | ND | 0.5 | µg/l |
| 5263 | 07/11/00 | Sweetwater Lake | Simazine | 507 | ND | 0.07 | µg/l |
| 5264 | 07/11/00 | Sweetwater Lake | Thiobencarb | 507 | ND | 1 | µg/l |
| 5739 | 10/11/00 | Sweetwater Lake | Alachlor (Alanex) | 507 | ND | 0.2 | µg/l |
| 5740 | 10/11/00 | Sweetwater Lake | Atrazine | 507 | ND | 0.1 | µg/l |
| 5741 | 10/11/00 | Sweetwater Lake | Bromacil | 507 | ND | 2.2 | µg/l |
| 5742 | 10/11/00 | Sweetwater Lake | Cyanazine | 507 | ND | 0.5 | µg/l |
| 5743 | 10/11/00 | Sweetwater Lake | Diazinon | 507 | ND | 0.1 | µg/l |
| 5744 | 10/11/00 | Sweetwater Lake | Dimethoate | 507 | ND | 10 | µg/l |
| 5745 | 10/11/00 | Sweetwater Lake | Moliniate | 507 | ND | 0.4 | µg/l |
| 5746 | 10/11/00 | Sweetwater Lake | Prometryn | 507 | ND | 0.5 | µg/l |
| 5747 | 10/11/00 | Sweetwater Lake | Simazine | 507 | ND | 0.07 | µg/l |
| 5748 | 10/11/00 | Sweetwater Lake | Thiobencarb | 507 | ND | 1 | µg/l |
| 5749 | 10/11/00 | Sweetwater Lake | Glyphosate | 547 | ND | 6 | µg/l |
| 5806 | 01/09/01 | Sweetwater Lake | Glyphosate | 547 | ND | 6 | µg/l |
| 5807 | 01/09/01 | Sweetwater Lake | Alachlor (Alanex) | 507 | ND | 0.2 | µg/l |
| 5808 | 01/09/01 | Sweetwater Lake | Atrazine | 507 | ND | 0.1 | µg/l |
| 5809 | 01/09/01 | Sweetwater Lake | Bromacil | 507 | ND | 2.2 | µg/l |
| 5810 | 01/09/01 | Sweetwater Lake | Cyanazine | 507 | ND | 0.5 | µg/l |
| 5811 | 01/09/01 | Sweetwater Lake | Diazinon | 507 | ND | 0.1 | µg/l |
| 5812 | 01/09/01 | Sweetwater Lake | Dimethoate | 507 | ND | 10 | µg/l |
| 5813 | 01/09/01 | Sweetwater Lake | Moliniate | 507 | ND | 0.4 | µg/l |
| 5814 | 01/09/01 | Sweetwater Lake | Prometryn | 507 | ND | 0.5 | µg/l |
| 5815 | 01/09/01 | Sweetwater Lake | Simazine | 507 | ND | 0.07 | µg/l |
| 5816 | 01/09/01 | Sweetwater Lake | Thiobencarb | 507 | ND | 1 | µg/l |