

Stormwater Quality Report

Data through June 30, 1997

For

City of Tempe, Arizona

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Prepared by:
Flood Control District of Maricopa County
2801 West Durango Street
Phoenix, Arizona 85009
(602) 506-1501

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Abbreviations:

AEN:	American Environmental Network (testing laboratory)
ATI:	Analytical Technologies, Inc. (testing laboratory)
BOLIN:	Bolin Laboratories (testing laboratory)
CFU:	Colony Forming Unit (bacteria samples)
D:	Dissolved (as in dissolved metals)
mg/L:	Milligrams per liter
NC:	Not calculated. In statistics, this arises when dividing by zero.
NM:	Not Measured.
NNS:	No Numerical Standard
NWQL:	National Water Quality Laboratory (testing laboratory)
T:	Total (as in total metals)
UA:	Data unavailable.
ug/L:	Micrograms per liter
USGS:	United States Geological Survey
WESTECH:	Westech Laboratories (testing laboratory)

Definitions:

Fiscal Year – July 1 through June 30.

Winter Season – October 1 through May 31. Storms in the winter season are characterized by low intensity storms of longer duration, with the general airflow from the west.

Summer Season – June 1 through September 30. Storms in a summer season are characterized by brief, intense storms, with the general airflow from the south.

Pollutant Load – Calculated from the event mean concentration and the storm runoff.

$$X(\text{mg} / \text{L}) \times Y(\text{ft}^3) \times 3.748(\text{L} / \text{gallon}) \times 7.48(\text{gallon} / \text{ft}^3) \times 10^{-6} (\text{Kg} / \text{mg}) \times 0.455(\text{lb} / \text{Kg}) \times 32.2(\text{lb} / \text{lbm})$$

(For ug/L, the above expression is divided by 10^9 Kg/ug instead of 10^6 Kg/mg)

Pollutant loads for pollutants below detection limits were treated as though the pollutant concentration was zero.

Averages were calculated without regard to the pollutants below detection limits. In other words, if a value for zinc was below the detection limit, then that value did not figure into the averaging.

**AVERAGE
EVENT
MEAN
CONCENTRATIONS**

Tempe KP-01
Kiwanis Park

KP-01 - Kiwanis Park	Average Event Mean Concentration (all data)	Average Event Mean Concentration (all First Flush)	Average Event Mean Concentration (all second flush)	Average Event Mean Concentration (no FF or SF)	Average Event Mean Concentration Summer (all data)	Average Event Mean Concentration Winter (all data)	Average Event Mean Concentration Summer (first flush)	Average Event Mean Concentration Summer (second flush)	Average Event Mean Concentration Winter (first flush)	Average Event Mean Concentration Winter (second flush)
BOD5 (mg/l)	56.9	70.8	52.8	27.5	59.1	55.5	64.3	78	74.1	40.1
COD High Level (mg/l)	301	370	259	238	378	246	422	413	341	173
Chloride (mg/l as Cl)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Cyanide Total (mg/l as Cn)	0.26	0.26	NC	NC	NC	0.26	NC	NC	0.26	NC
Solids Residue at 180 Deg. C (TDS) (mg/l)	262	361	235	120	313	225	426	378	326	155
Residue, Total at 105 Deg. C (TSS) (mg/l)	157	226	52.8	229	226	106	308	74	180	41
Nitrogen No2 + No3, Total (mg/l as N)	1.22	1.36	1.23	0.94	1.48	1.03	1.61	1.76	1.22	0.93
TKN Nitrogen (mg/l as N)	8.04	11.1	6.91	4.13	8.53	7.67	10.3	10.3	11.6	5.03
Nitrogen, Ammonia + Organic, Total (mg/l as N)	8.21	11.145	6.89	4.42	8.53	7.95	10.4	10.3	11.6	5.00
Nitrogen Nitrate Total (mg/l as N)	1.10	1.32	0.88	NC	NC	1.10	NC	NC	1.32	0.88
Nitrogen Nitrite Total (mg/l as N)	0.08	0.07	0.08	NC	NC	0.08	NC	NC	0.07	0.08
Nitrogen Ammonia Total (mg/l as N)	1.85	2.35	1.65	1.73	1.73	2	NC	NC	2.35	1.65
Nitrogen Organic Total (mg/l as N)	3.05	NC	NC	3.05	3.05	NC	NC	NC	NC	NC
Phosphorous Total (mg/l as P)	0.83	1.05	0.60	0.86	1.14	0.61	1.43	0.89	0.84	0.44
Phosphorous Dissolved (mg/l as P)	0.29	0.31	0.28	0.24	0.37	0.22	0.41	0.41	0.26	0.21
Phosphorous Ortho (mg/l as P)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Sulfate Dissolved (mg/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hexavalent Chromium Total (mg/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Phenols Total Recoverable (ug/l)	33.2	38.2	20	25	26.7	46.3	30	20	46.3	NC
Oil and Grease Total Recoverable (mg/l)	10.6	14.4	NC	3.8	4.57	16.7	5	NC	19.1	NC
Organic Carbon, Total (mg/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bicarbonate Whole Field (mg/l as HCO3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bicarbonate Dissolved, Field (mg/l as HCO3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Carbonate Water Field (mg/l as Co3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Carbonate Water Dissolved, Field, (mg/l as Co3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Alkalinity Water Field Total (mg/l as CaCo3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Alkalinity LAB (mg/l as CaCo3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Silica Dissolved (mg/l as SiO2)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hardness (mg/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Antimony (ug/l as Sb)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Antimony Dissolved (ug/l as Sb)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Arsenic Total (ug/l as As)	4.83	6.31	3.25	4.8	6.13	3.53	8.8	4.8	4.75	2.14
Arsenic Dissolved (ug/l as As)	2.36	NC	2.4	2.25	2.88	1.67	NC	3.5	NC	1.67
Barium Dissolved (ug/l as Ba)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Beryllium Total Recoverable (ug/l as Be)	0.51	0.53	0.25	0.63	0.55	0.4	0.67	0.25	0.4	NC
Beryllium Dissolved (ug/l as Be)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Cadmium Total Recoverable (ug/l as Cd)	1.08	1.43	0.67	1.04	1.34	0.8	2	0.88	1.03	0.53
Cadmium Dissolved (ug/l as Cd)	0.46	NC	0.46	NC	0.45	0.47	NC	0.45	NC	0.47
Calcium Dissolved (mg/l as Ca)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chromium Total Recoverable (ug/l as Cr)	7.36	9.18	3.44	10.4	8.73	5.3	11.8	4	7	2.75
Chromium Dissolved (ug/l as Cr)	2.38	NC	1.75	3	2.5	2	NC	1.5	NC	2
Cobalt Dissolved (ug/l as Co)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Copper, Total Recoverable, (ug/l as Cu)	55.3	72.7	34.9	59	64.7	45.9	91.2	43.8	61.1	28.6
Copper, Dissolved, (ug/l as Cu)	20.6	NC	22.1	17.3	19.3	22.8	NC	21.3	NC	22.8

KP-01 - Kiwanis Park	Average Event Mean Concentration (all data)	Average Event Mean Concentration (all First Flush)	Average Event Mean Concentration (all second flush)	Average Event Mean Concentration (no FF or SF)	Average Event Mean Concentration Summer (all data)	Average Event Mean Concentration Winter (all data)	Average Event Mean Concentration Summer (first flush)	Average Event Mean Concentration Summer (second flush)	Average Event Mean Concentration Winter (first flush)	Average Event Mean Concentration Winter (second flush)
Iron, Dissolved, (ug/l as Fe)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Lead, Total Recoverable, (ug/l as Pb)	32.6	37.9	12.2	63	40.9	26.4	53.4	15.6	29.2	10.3
Lead, Dissolved, (ug/l as Pb)	3.64	NC	4.89	1.4	3.13	4.33	NC	6	NC	4.33
Lithium, Dissolved, (ug/l as Li)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Magnesium, Dissolved, (mg/l as Mg)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Manganese, Dissolved, (ug/l as Mn)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Mercury, Total Recoverable, (ug/l as Hg)	0.2	NC	NC	0.2	0.2	NC	NC	NC	NC	NC
Mercury, Dissolved, (ug/l as Hg)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Molybdenum, Dissolved, (ug/l as Mo)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Nickel, Total Recoverable, (ug/l as Ni)	22.6	26	21.6	16.8	28.2	16.2	36.2	31.6	18.7	13.3
Nickel, Dissolved, (ug/l as Ni)	14.5	NC	18	8.25	15.1	13.3	NC	24.3	NC	13.25
Potassium, Dissolved, (mg/l as K)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Selenium, Total, (ug/l as Se)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Selenium, Dissolved, (ug/l as Se)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Silver, Total Recoverable, (ug/l as Ag)	3.71	4.29	3.1	0.3	5.92	0.95	7.33	NC	0.23	3.1
Silver, Dissolved, (ug/l as Ag)	0.3	NC	0.3	NC	NC	0.3	NC	NC	NC	0.3
Sodium, Dissolved, (mg/l as Na)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Strontium, Dissolved, (ug/l as Sr)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Thallium, Total, (ug/l as Tl)	2	2	NC	NC	NC	2	NC	NC	2	NC
Thallium, Dissolved, (ug/l as Tl)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Vanadium, Dissolved, (ug/l as V)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Zinc, Total Recoverable, (ug/l as Zn)	230	315	152	214	309	170	437	237	248	105
Zinc, Dissolved, (ug/l as Zn)	96.6	NC	103	81.6	113	75.9	NC	152	NC	75.9
Diazinon, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Ethion, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Malathion, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Methyl Parathion, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Parathion, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Trithion, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Di-syston, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Phorate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chlorpyrifos, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
DEF, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Fonofos(Dy-fonate), WWT, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aldrin, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BHC - ALPHA, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BHC - Gamma (Lindane), (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BHC - DELTA, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1016, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1221, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1232, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1242, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1248, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1254, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1260, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

KP-01 - Kiwanis Park	Average Event Mean Concentration (all data)	Average Event Mean Concentration (all First Flush)	Average Event Mean Concentration (all second flush)	Average Event Mean Concentration (no FF or SF)	Average Event Mean Concentration Summer (all data)	Average Event Mean Concentration Winter (all data)	Average Event Mean Concentration Summer (first flush)	Average Event Mean Concentration Summer (second flush)	Average Event Mean Concentration Winter (first flush)	Average Event Mean Concentration Winter (second flush)
Chlordane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
P,P' DDD, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
P,P' DDE, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
P, P' DDT, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Dieldrin, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Endo-Sulfan Alpha, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Endo-Sulfan Beta, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Endo-Sulfan Sulfate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Endrin Aldehyde, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Endrin, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Heptachlor, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Heptachlor Epoxide, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Toxaphene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Methoxychlor, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Beta Benzene Hexachloride, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1,2,2-Tetrachloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1,1,2-Tetrachloroethane, Total,(ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Tetrachloroethene, PCE, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1,1- Trichloroethane, Total, (ug/l)	1100	1100	NC	NC	1100	NC	1100	NC	NC	NC
1,1,2- Trichloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Trichloroethene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1- Dichloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1- Dichloroethene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2- Dichloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2- Dichloropropane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2- Chloroethylvinyl Ether, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cis-1,3-Dichloropropene, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
trans-1,2- Dichloroethene, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
trans-1,3- Dichloropropene, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bromodichloromethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bromoform, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Carbon Tetrachloride, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chloroethane, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chloroform, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Ethyl-Benzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Methylene Chloride, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Toluene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Trichlorofluoromethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Vinyl Chloride, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chlorodibromomethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Acetone, Total, (ug/l)	43.7	45	NC	36	60.3	31.3	72.5	NC	31.3	NC
2-Butanone, (ug/l)	11	11	NC	NC	NC	11	NC	NC	11	NC

KP-01 - Kiwanis Park	Average Event Mean Concentration (all data)	Average Event Mean Concentration (all First Flush)	Average Event Mean Concentration (all second flush)	Average Event Mean Concentration (no FF or SF)	Average Event Mean Concentration Summer (all data)	Average Event Mean Concentration Winter (all data)	Average Event Mean Concentration Summer (first flush)	Average Event Mean Concentration Summer (second flush)	Average Event Mean Concentration Winter (first flush)	Average Event Mean Concentration Winter (second flush)
Carbon Disulfide, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2 Dichloroethene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Xylenes, Total, (ug/l)	4	4	NC	NC	NC	4	NC	NC	4	NC
2-Hexanone, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Styrene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Acrolein, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Acrylonitrile, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bromobenzene, Water Whole, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-Dichloropropane, Water Whole, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Methyl Bromide, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Methyl Chloride, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Parachloro Toluene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Dibromoethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Acenaphthene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Acenaphthylene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Anthracene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzidine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzoic Acid, Total, (ug/l)	105	135	55.3	NC	230	87	230	NC	111	55.3
Benzo (a) Anthracene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzo (b) Fluoranthene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzo (k) Fluoranthene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzo (ghi) Perylene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzo (a) Pyrene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzyl Alcohol, Total, (ug/l)	15	15	NC	NC	NC	15	NC	NC	15	NC
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	9.67	14.7	4.67	NC	7	10.2	NC	7	14.7	3.5
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Butyl Benzyl Phthalate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2-Chloronaphthalene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2-Chlorophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chrysene, Total, (ug/l)	13	13	13	NC	NC	13	NC	NC	13	13
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Di-N-Butyl Phthalate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3- Dichlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,4- Dichlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2- Dichlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
3,3'- Dichlorobenzidine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,4- Dichlorophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diethyl Phthalate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,4- Dimethylphenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Dimethyl Phthalate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

KP-01 - Kiwanis Park	Average Event Mean Concentration (all data)	Average Event Mean Concentration (all First Flush)	Average Event Mean Concentration (all second flush)	Average Event Mean Concentration (no FF or SF)	Average Event Mean Concentration Summer (all data)	Average Event Mean Concentration Winter (all data)	Average Event Mean Concentration Summer (first flush)	Average Event Mean Concentration Summer (second flush)	Average Event Mean Concentration Winter (first flush)	Average Event Mean Concentration Winter (second flush)
2,4- Dinitrophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,4- Dinitrotoluene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,6- Dinitrotoluene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Di-N-Octyl-Phthalate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Fluoranthene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Fluorene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hexachlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hexachlorobutadiene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hexachlorocyclopentadiene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hexachloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Isophorone, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Naphthalene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Nitrobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2-Nitrophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
4-Nitrophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
N-Nitrosodiphenylamine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
N-Nitrosodi-N-Propylamine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Pentachlorophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Phenanthrene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Phenol, Total, (ug/l)	17	20.6	8	NC	NC	17	NC	NC	20.6	8
Pyrene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2,4-Trichlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,4,5- Trichlorophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,4,6- Trichlorophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
N-Nitrosodimethylamine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2- Diphenylhydrazine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Dichlorodifluoromethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Parachloro-Meta-Cresol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Tempe SR-05
First Street and Ash Avenue

SR-05: First Street and Ash Avenue	Average Event Mean Concentration (all data)	Average Event Mean Concentration (all First Flush)	Average Event Mean Concentration (all second flush)	Average Event Mean Concentration (no FF or SF)	Average Event Mean Concentration Summer (all data)	Average Event Mean Concentration Winter (all data)	Average Event Mean Concentration Summer (first flush)	Average Event Mean Concentration Summer (second flush)	Average Event Mean Concentration Winter (first flush)	Average Event Mean Concentration Winter (second flush)
BOD5 (mg/l)	69.3	52.5	80	78	63.8	70.5	NC	NC	52.5	80
COD High Level (mg/l)	217	252	170	231	204.5	220	190	NC	258	170
Chloride (mg/l as Cl)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Cyanide Total (mg/l as Cn)	0.01	0.01	NC	NC	NC	0.01	NC	NC	0.01	NC
Solids Residue at 180 Deg. C (TDS) (mg/l)	132	153	133	110	144	128	180	110	151	135
Residue, Total at 105 Deg. C (TSS) (mg/l)	83.4	115	33.3	102	121.9	70.6	110	10	115	35.5
Nitrogen No2 + No3, Total (mg/l as N)	1.32	1.70	1.24	0.99	1.43	1.28	1.7	2.2	1.69	1.15
TKN Nitrogen (mg/l as N)	4.61	5.77	4.40	3.66	4.62	4.61	5.7	3.1	5.78	4.52
Nitrogen, Ammonia + Organic, Total (mg/l as N)	4.65	5.83	4.45	3.68	4.64	4.66	5.7	3.07	5.84	4.58
Nitrogen Nitrate Total (mg/l as N)	0.48	0.44	0.53	NC	NC	0.48	NC	NC	0.44	0.53
Nitrogen Nitrite Total (mg/l as N)	0.13	0.12	0.135	NC	NC	0.13	NC	NC	0.12	0.14
Nitrogen Ammonia Total (mg/l as N)	1.07	1.9	1.3	0.98	1.09	1.06	NC	NC	1.9	1.3
Nitrogen Organic Total (mg/l as N)	1.6	NC	NC	1.6	1.95	1.39	NC	NC	NC	NC
Phosphorous Total (mg/l as P)	0.44	0.55	0.36	0.42	0.48	0.43	0.62	0.35	0.54	0.37
Phosphorous Dissolved (mg/l as P)	0.24	0.29	0.21	0.21	0.20	0.25	0.09	0.17	0.31	0.21
Phosphorous Ortho (mg/l as P)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Sulfate Dissolved (mg/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hexavalent Chromium Total (mg/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Phenols Total Recoverable (ug/l)	82.1	50.8	NC	270	NC	82.1	NC	NC	50.8	NC
Oil and Grease Total Recoverable (mg/l)	6.06	6.44	NC	5.67	4.67	6.75	2	NC	7	NC
Organic Carbon, Total (mg/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bicarbonate Whole Field (mg/l as HCo3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bicarbonate Dissolved, Field (mg/l as HCo3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Carbonate Water Field (mg/l as Co3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Carbonate Water Dissolved, Field, (mg/l as Co3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Alkalinity Water Field Total (mg/l as CaCo3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Alkalinity LAB (mg/l as CaCo3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Silica Dissolved (mg/l as SiO2)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hardness (mg/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Antimony (ug/l as Sb)	6	NC	NC	6	6	NC	NC	NC	NC	NC
Antimony Dissolved (ug/l as Sb)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Arsenic Total (ug/l as As)	7.70	11.4	8.13	4.73	7.33	7.89	16	7	10.7	8.29
Arsenic Dissolved (ug/l as As)	3.5	NC	4.2	3.11	5.17	2.25	NC	9	NC	3
Barium Dissolved (ug/l as Ba)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Beryllium Total Recoverable (ug/l as Be)	0.28	0.2	NC	0.33	0.33	0.2	NC	NC	0.2	NC
Beryllium Dissolved (ug/l as Be)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Cadmium Total Recoverable (ug/l as Cd)	0.84	1.19	0.48	0.86	0.91	0.82	1.6	0.4	1.13	0.49
Cadmium Dissolved (ug/l as Cd)	0.54	NC	0.5	0.58	0.35	0.6	NC	0.4	NC	0.53
Calcium Dissolved (mg/l as Ca)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chromium Total Recoverable (ug/l as Cr)	4.52	6.43	2.5	4.75	4.67	4.44	3	1	7	2.71
Chromium Dissolved (ug/l as Cr)	1.92	NC	2.25	1.75	1.67	2	NC	NC	NC	2.25
Cobalt Dissolved (ug/l as Co)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Copper, Total Recoverable, (ug/l as Cu)	25.9	41.9	25	15.8	22	27.7	51	16	40.6	26.3
Copper, Dissolved, (ug/l as Cu)	14.7	NC	18.8	12.7	14.6	14.9	NC	14	NC	20

SR-05: First Street and Ash Avenue	Average Event Mean Concentration (all data)	Average Event Mean Concentration (all First Flush)	Average Event Mean Concentration (all second flush)	Average Event Mean Concentration (no FF or SF)	Average Event Mean Concentration Summer (all data)	Average Event Mean Concentration Winter (all data)	Average Event Mean Concentration Summer (first flush)	Average Event Mean Concentration Summer (second flush)	Average Event Mean Concentration Winter (first flush)	Average Event Mean Concentration Winter (second flush)
Iron, Dissolved, (ug/l as Fe)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Lead, Total Recoverable, (ug/l as Pb)	18.1	27.3	11.8	14.6	20.9	17.1	44	7	25.8	12.3
Lead, Dissolved, (ug/l as Pb)	2.69	NC	4	1.88	2.2	3	NC	2	NC	4.5
Lithium, Dissolved, (ug/l as Li)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Magnesium, Dissolved, (mg/l as Mg)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Manganese, Dissolved, (ug/l as Mn)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Mercury, Total Recoverable, (ug/l as Hg)	0.2	NC	NC	0.2	0.2	NC	NC	NC	NC	NC
Mercury, Dissolved, (ug/l as Hg)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Molybdenum, Dissolved, (ug/l as Mo)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Nickel, Total Recoverable, (ug/l as Ni)	21.1	18.9	14.6	31	12.8	24.2	20	NC	18.7	14.6
Nickel, Dissolved, (ug/l as Ni)	11	NC	15.5	8	8	15.5	NC	NC	NC	15.5
Potassium, Dissolved, (mg/l as K)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Selenium, Total, (ug/l as Se)	76	NC	NC	76	76	NC	NC	NC	NC	NC
Selenium, Dissolved, (ug/l as Se)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Silver, Total Recoverable, (ug/l as Ag)	9.79	16.8	0.3	0.8	0.7	13.4	0.6	NC	22.2	0.3
Silver, Dissolved, (ug/l as Ag)	0.3	NC	0.3	NC	NC	0.3	NC	NC	NC	0.3
Sodium, Dissolved, (mg/l as Na)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Strontium, Dissolved, (ug/l as Sr)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Thallium, Total, (ug/l as Tl)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Thallium, Dissolved, (ug/l as Tl)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Vanadium, Dissolved, (ug/l as V)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Zinc, Total Recoverable, (ug/l as Zn)	146	213	118	106	134	151	323	70	203	122
Zinc, Dissolved, (ug/l as Zn)	76.9	NC	91.1	66.5	59.4	87.1	NC	58	NC	95.9
Diazinon, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Ethion, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Malathion, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Methyl Parathion, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Parathion, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Trithion, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Di-syston, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Phorate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chlorpyrifos, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
DEF, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Fonofos(Dy-fonate), WWT, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aldrin, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BHC - ALPHA, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BHC - Gamma (Lindane), (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BHC - DELTA, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1016, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1221, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1232, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1242, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1248, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1254, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1260, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

SR-05: First Street and Ash Avenue	Average Event Mean Concentration (all data)	Average Event Mean Concentration (all First Flush)	Average Event Mean Concentration (all second flush)	Average Event Mean Concentration (no FF or SF)	Average Event Mean Concentration Summer (all data)	Average Event Mean Concentration Winter (all data)	Average Event Mean Concentration Summer (first flush)	Average Event Mean Concentration Summer (second flush)	Average Event Mean Concentration Winter (first flush)	Average Event Mean Concentration Winter (second flush)
Chlordane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
P,P' DDD, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
P,P' DDE, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
P, P' DDT, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Dieldrin, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Endo-Sulfan Alpha, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Endo-Sulfan Beta, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Endo-Sulfan Sulfate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Endrin Aldehyde, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Endrin, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Heptachlor, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Heptachlor Epoxide, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Toxaphene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Methoxychlor, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Beta Benzene Hexachloride, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1,2,2-Tetrachloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1,1,2-Tetrachloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Tetrachloroethene, PCE, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1,1- Trichloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1,2- Trichloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Trichloroethene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1- Dichloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1- Dichloroethene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2- Dichloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2- Dichloropropane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2- Chloroethylvinyl Ether, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cis-1,3-Dichloropropene, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
trans-1,2- Dichloroethene, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
trans-1,3- Dichloropropene, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bromodichloromethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bromoform, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Carbon Tetrachloride, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chloroethane, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chloroform, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Ethyl-Benzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Methylene Chloride, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Toluene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Trichlorofluoromethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Vinyl Chloride, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chlorodibromomethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Acetone, Total, (ug/l)	NC	NC	NC	16	14.3	24	14	NC	28.2	NC
2-Butanone, (ug/l)	10	10	NC	NC	NC	10	NC	NC	10	NC

SR-05: First Street and Ash Avenue	Average Event Mean Concentration (all data)	Average Event Mean Concentration (all First Flush)	Average Event Mean Concentration (all second flush)	Average Event Mean Concentration (no FF or SF)	Average Event Mean Concentration Summer (all data)	Average Event Mean Concentration Winter (all data)	Average Event Mean Concentration Summer (first flush)	Average Event Mean Concentration Summer (second flush)	Average Event Mean Concentration Winter (first flush)	Average Event Mean Concentration Winter (second flush)
Carbon Disulfide, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2 Dichloroethene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Xylenes, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2-Hexanone, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Styrene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Acrolein, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Acrylonitrile, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bromobenzene, Water Whole, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-Dichloropropane, Water Whole, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Methyl Bromide, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Methyl Chloride, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Parachloro Toluene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Dibromoethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Acenaphthene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Acenaphthylene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Anthracene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzidine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzoic Acid, Total, (ug/l)	315	380	206	NC	NC	315	NC	NC	380	206
Benzo (a) Anthracene, Total, (ug/l)	6	6	NC	NC	NC	6	NC	NC	6	NC
Benzo (b) Fluoranthene, Total, (ug/l)	8.75	10	7.5	NC	NC	8.75	NC	NC	10	7.5
Benzo (k) Fluoranthene, Total, (ug/l)	8	9	6	NC	NC	8	NC	NC	9	6
Benzo (ghi) Perylene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzo (a) Pyrene, Total, (ug/l)	6	6	NC	NC	NC	6	NC	NC	6	NC
Benzyl Alcohol, Total, (ug/l)	6.33	6.5	6	NC	NC	6.33	NC	NC	6.5	6
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	47.2	20.1	78.7	NC	NC	47.2	NC	NC	20.1	78.7
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Butyl Benzyl Phthalate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2-Chloronaphthalene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2-Chlorophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chrysene, Total, (ug/l)	7.8	8.67	6.5	NC	NC	7.8	NC	NC	8.67	6.5
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	10	10	NC	NC	NC	10	NC	NC	10	NC
Di-N-Butyl Phthalate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3- Dichlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,4- Dichlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2- Dichlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
3,3'- Dichlorobenzidine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,4- Dichlorophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diethyl Phthalate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,4- Dimethylphenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Dimethyl Phthalate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

SR-05: First Street and Ash Avenue	Average Event Mean Concentration (all data)	Average Event Mean Concentration (all First Flush)	Average Event Mean Concentration (all second flush)	Average Event Mean Concentration (no FF or SF)	Average Event Mean Concentration Summer (all data)	Average Event Mean Concentration Winter (all data)	Average Event Mean Concentration Summer (first flush)	Average Event Mean Concentration Summer (second flush)	Average Event Mean Concentration Winter (first flush)	Average Event Mean Concentration Winter (second flush)
2,4- Dinitrophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,4- Dinitrotoluene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,6- Dinitrotoluene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Di-N-Octyl-Phthalate, Total, (ug/l)	10	11.5	7	NC	NC	10	NC	NC	11.5	7
Fluoranthene, Total, (ug/l)	13.6	15	11.5	NC	NC	13.6	NC	NC	15	11.5
Fluorene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hexachlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hexachlorobutadiene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hexachlorocyclopentadiene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hexachloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Isophorone, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Naphthalene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Nitrobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2-Nitrophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
4-Nitrophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
N-Nitrosodiphenylamine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
N-Nitrosodi-N-Propylamine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Pentachlorophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Phenanthrene, Total, (ug/l)	6.67	6.5	7	NC	NC	6.67	NC	NC	6.5	7
Phenol, Total, (ug/l)	10.5	8.67	12.3	NC	NC	10.5	NC	NC	8.67	12.3
Pyrene, Total, (ug/l)	10	10.7	9	NC	NC	10	NC	NC	10.7	9
1,2,4-Trichlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,4,5- Trichlorophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,4,6- Trichlorophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
N-Nitrosodimethylamine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2- Diphenylhydrazine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Dichlorodifluoromethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Parachloro-Meta-Cresol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Tempe SR-08
Dorsey and University Drive

SR-08: Dorsey and University Drive

	Average Event Mean Concentration (all data)	Average Event Mean Concentration (all First Flush)	Average Event Mean Concentration (all second flush)	Average Event Mean Concentration (no FF or SF)	Average Event Mean Concentration Summer (all data)	Average Event Mean Concentration Winter (all data)	Average Event Mean Concentration Summer (first flush)	Average Event Mean Concentration Summer (second flush)	Average Event Mean Concentration Winter (first flush)	Average Event Mean Concentration Winter (second flush)
BOD5 (mg/l)	46.0	44.3	40.6	52.4	48.6	44.6	64	65	36.4	30.8
COD High Level (mg/l)	226	239	205	235	283	201	315	385	218	154
Chloride (mg/l as Cl)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Cyanide Total (mg/l as Cn)	0.01	NC	NC	0.01	NC	0.01	NC	NC	NC	NC
Solids Residue at 180 Deg. C (TDS) (mg/l)	242	300	280	171	248	240	295	295	301	276
Residue, Total at 105 Deg. C (TSS) (mg/l)	134	157	121	126	170	116	290	195	120	99.4
Nitrogen No2 + No3, Total (mg/l as N)	1.29	1.36	1.29	1.24	1.61	1.13	1.55	2.05	1.31	1.07
TKN Nitrogen (mg/l as N)	4.52	4.96	4.50	4.21	5.6	3.98	6.05	8	4.64	3.50
Nitrogen, Ammonia + Organic, Total (mg/l as N)	4.65	5.22	4.65	4.21	5.60	4.17	6.04	8.01	4.99	3.69
Nitrogen Nitrate Total (mg/l as N)	0.69	0.63	0.63	0.95	NC	0.69	NC	NC	0.63	0.63
Nitrogen Nitrite Total (mg/l as N)	0.11	0.12	0.05	0.22	NC	0.11	NC	NC	0.12	0.05
Nitrogen Ammonia Total (mg/l as N)	1.59	1.6	1.85	1.53	1.69	1.53	NC	NC	1.6	1.85
Nitrogen Organic Total (mg/l as N)	2.8	NC	NC	2.8	3.95	2.23	NC	NC	NC	NC
Phosphorous Total (mg/l as P)	0.58	0.70	0.61	0.48	0.70	0.53	1.05	0.95	0.60	0.50
Phosphorous Dissolved (mg/l as P)	0.28	0.38	0.28	0.23	0.27	0.29	0.35	0.25	0.41	0.31
Phosphorous Ortho (mg/l as P)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Sulfate Dissolved (mg/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hexavalent Chromium Total (mg/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Phenols Total Recoverable (ug/l)	49	43.3	NC	57.5	30	53.8	30	NC	46	NC
Oil and Grease Total Recoverable (mg/l)	5.52	7.32	NC	4.52	3.57	7.47	2.5	NC	10.5	NC
Organic Carbon, Total (mg/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bicarbonate Whole Field (mg/l as HCo3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bicarbonate Dissolved, Field (mg/l as HCo3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Carbonate Water Field (mg/l as Co3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Carbonate Water Dissolved, Field, (mg/l as Co3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Alkalinity Water Field Total (mg/l as CaCo3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Alkalinity LAB (mg/l as CaCo3)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Silica Dissolved (mg/l as SiO2)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hardness (mg/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Antimony (ug/l as Sb)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Antimony Dissolved (ug/l as Sb)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Arsenic Total (ug/l as As)	3.78	4.33	3.17	3.82	4.5	3.23	5	4.5	4	2.5
Arsenic Dissolved (ug/l as As)	2.08	NC	2.5	1.89	2.67	1.57	NC	5	NC	1.67
Barium Dissolved (ug/l as Ba)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Beryllium Total Recoverable (ug/l as Be)	0.34	0.3	0.4	0.34	0.34	0.33	0.3	0.4	0.3	NC
Beryllium Dissolved (ug/l as Be)	0.2	NC	NC	0.2	0.2	NC	NC	NC	NC	NC
Cadmium Total Recoverable (ug/l as Cd)	1.35	1.79	1.07	1.23	1.14	1.5	1.4	1.95	1.94	0.63
Cadmium Dissolved (ug/l as Cd)	0.34	NC	0.33	0.34	0.4	0.3	NC	0.3	NC	0.35
Calcium Dissolved (mg/l as Ca)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chromium Total Recoverable (ug/l as Cr)	6.63	9.14	4.83	6	6.1	7	12	5	8	4.75
Chromium Dissolved (ug/l as Cr)	2.22	NC	NC	2.22	1.5	2.8	NC	NC	NC	NC
Cobalt Dissolved (ug/l as Co)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Copper, Total Recoverable, (ug/l as Cu)	59.8	52	48.4	71.4	92.1	36.8	68.5	81.5	43.8	35.2
Copper, Dissolved, (ug/l as Cu)	14.2	NC	16.25	13.4	12.8	15.3	NC	10	NC	18.3

SR-08: Dorsey and University Drive	Average Event Mean Concentration (all data)	Average Event Mean Concentration (all First Flush)	Average Event Mean Concentration (all second flush)	Average Event Mean Concentration (no FF or SF)	Average Event Mean Concentration Summer (all data)	Average Event Mean Concentration Winter (all data)	Average Event Mean Concentration Summer (first flush)	Average Event Mean Concentration Summer (second flush)	Average Event Mean Concentration Winter (first flush)	Average Event Mean Concentration Winter (second flush)
Iron, Dissolved, (ug/l as Fe)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Lead, Total Recoverable, (ug/l as Pb)	27.8	37.2	23.4	23.9	35.7	23.8	65.5	40.5	29.1	18.6
Lead, Dissolved, (ug/l as Pb)	4.8	NC	9.8	2.3	2.33	6.44	NC	4	NC	11.3
Lithium, Dissolved, (ug/l as Li)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Magnesium, Dissolved, (mg/l as Mg)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Manganese, Dissolved, (ug/l as Mn)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Mercury, Total Recoverable, (ug/l as Hg)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Mercury, Dissolved, (ug/l as Hg)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Molybdenum, Dissolved, (ug/l as Mo)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Nickel, Total Recoverable, (ug/l as Ni)	22.5	16	15.4	28.6	19	25	23	21	13.7	11.7
Nickel, Dissolved, (ug/l as Ni)	24.3	NC	12.5	27.7	8	44.8	NC	11	NC	14
Potassium, Dissolved, (mg/l as K)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Selenium, Total, (ug/l as Se)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Selenium, Dissolved, (ug/l as Se)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Silver, Total Recoverable, (ug/l as Ag)	0.33	0.35	0.4	0.3	0.35	0.3	0.35	0.4	NC	NC
Silver, Dissolved, (ug/l as Ag)	0.2	NC	NC	0.2	0.2	NC	NC	NC	NC	NC
Sodium, Dissolved, (mg/l as Na)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Strontium, Dissolved, (ug/l as Sr)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Thallium, Total, (ug/l as Tl)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Thallium, Dissolved, (ug/l as Tl)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Vanadium, Dissolved, (ug/l as V)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Zinc, Total Recoverable, (ug/l as Zn)	287	331	262	271	371	244	513	439	280	212
Zinc, Dissolved, (ug/l as Zn)	137	NC	178	117	122	147	NC	194	NC	174
Diazinon, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Ethion, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Malathion, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Methyl Parathion, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Parathion, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Trithion, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Di-syston, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Phorate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chlorpyrifos, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
DEF, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Fonofos(Dy-fonate), WWT, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aldrin, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BHC - ALPHA, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BHC - Gamma (Lindane), (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
BHC - DELTA, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1016, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1221, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1232, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1242, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1248, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1254, PCB, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Aroclor 1260, PCB, Total, (ug/L)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

SR-08: Dorsey and University Drive	Average Event Mean Concentration (all data)	Average Event Mean Concentration (all First Flush)	Average Event Mean Concentration (all second flush)	Average Event Mean Concentration (no FF or SF)	Average Event Mean Concentration Summer (all data)	Average Event Mean Concentration Winter (all data)	Average Event Mean Concentration Summer (first flush)	Average Event Mean Concentration Summer (second flush)	Average Event Mean Concentration Winter (first flush)	Average Event Mean Concentration Winter (second flush)
Chlordane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
P,P' DDD, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
P,P' DDE, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
P, P' DDT, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Dieldrin, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Endo-Sulfan Alpha, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Endo-Sulfan Beta, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Endo-Sulfan Sulfate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Endrin Aldehyde, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Endrin, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Heptachlor, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Heptachlor Epoxide, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Toxaphene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Methoxychlor, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Beta Benzene Hexachloride, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1,2,2-Tetrachloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1,1,2-Tetrachloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Tetrachloroethene, PCE, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1,1- Trichloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1,2- Trichloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Trichloroethene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1- Dichloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,1- Dichloroethene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2- Dichloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2- Dichloropropane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2- Chloroethylvinyl Ether, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
cis-1,3-Dichloropropene, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
trans-1,2- Dichloroethene, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
trans-1,3- Dichloropropene, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bromodichloromethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bromoform, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Carbon Tetrachloride, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chloroethane, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chloroform, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Ethyl-Benzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Methylene Chloride, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Toluene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Trichlorofluoromethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Vinyl Chloride, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chlorodibromomethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Acetone, Total, (ug/l)	32.8	41.3	NC	16	38.5	30	60	NC	35	NC
2-Butanone, (ug/l)	10	NC	NC	10	NC	10	NC	NC	NC	NC

SR-08: Dorsey and University Drive	Average Event Mean Concentration (all data)	Average Event Mean Concentration (all First Flush)	Average Event Mean Concentration (all second flush)	Average Event Mean Concentration (no FF or SF)	Average Event Mean Concentration Summer (all data)	Average Event Mean Concentration Winter (all data)	Average Event Mean Concentration Summer (first flush)	Average Event Mean Concentration Summer (second flush)	Average Event Mean Concentration Winter (first flush)	Average Event Mean Concentration Winter (second flush)
Carbon Disulfide, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2 Dichloroethene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Xylenes, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2-Hexanone, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Styrene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Acrolein, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Acrylonitrile, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bromobenzene, Water Whole, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,3-Dichloropropane, Water Whole, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Methyl Bromide, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Methyl Chloride, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Parachloro Toluene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Dibromoethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Acenaphthene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Acenaphthylene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Anthracene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzidine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzoic Acid, Total, (ug/l)	44.3	43	41.5	54	45	44	36	54	46.5	29
Benzo (a) Anthracene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzo (b) Fluoranthene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzo (k) Fluoranthene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzo (ghi) Perylene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzo (a) Pyrene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Benzyl Alcohol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	17.1	20.8	12.7	12.5	NC	17.1	NC	NC	20.8	12.7
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Butyl Benzyl Phthalate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2-Chloronaphthalene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2-Chlorophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Chrysene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Di-N-Butyl Phthalate, Total, (ug/l)	55	55	NC	NC	NC	55	NC	NC	55	NC
1,3- Dichlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,4- Dichlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2- Dichlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
3,3'- Dichlorobenzidine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,4- Dichlorophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Diethyl Phthalate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,4- Dimethylphenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Dimethyl Phthalate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

SR-08: Dorsey and University Drive	Average Event Mean Concentration (all data)	Average Event Mean Concentration (all First Flush)	Average Event Mean Concentration (all second flush)	Average Event Mean Concentration (no FF or SF)	Average Event Mean Concentration Summer (all data)	Average Event Mean Concentration Winter (all data)	Average Event Mean Concentration Summer (first flush)	Average Event Mean Concentration Summer (second flush)	Average Event Mean Concentration Winter (first flush)	Average Event Mean Concentration Winter (second flush)
2,4- Dinitrophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,4- Dinitrotoluene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,6- Dinitrotoluene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Di-N-Octyl-Phthalate, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Fluoranthene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Fluorene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hexachlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hexachlorobutadiene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hexachlorocyclopentadiene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Hexachloroethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Isophorone, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Naphthalene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Nitrobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2-Nitrophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
4-Nitrophenol, Total, (ug/l)	10	NC	NC	10	NC	10	NC	NC	NC	NC
N-Nitrosodiphenylamine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
N-Nitrosodi-N-Propylamine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Pentachlorophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Phenanthrene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Phenol, Total, (ug/l)	12	12	NC	NC	NC	12	NC	NC	12	NC
Pyrene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2,4-Trichlorobenzene, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,4,5- Trichlorophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2,4,6- Trichlorophenol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
N-Nitrosodimethylamine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1,2- Diphenylhydrazine, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Dichlorodifluoromethane, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Parachloro-Meta-Cresol, Total, (ug/l)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC



**WATER
QUALITY
DATA**

Tempe KP-01
Kiwanis Park

KP-01 - Kiwanis Park													
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01
Date of Sampling	9/12/93	9/12/93	11/11/93	11/11/93	11/13/93	1/25/94	1/25/94	2/7/94	2/7/94	3/7/94	3/7/94	3/25/94	3/25/94
First Flush (FF) - First Hour													
Second Flush (SF) - After first hour													
Full Event (FE)- No separate first/second flush samples	FF	SF	FF	SF	FF	FF	SF	FF	SF	FF	SF	FF	SF
Agency Collecting Sample	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE
Agency Analyzing Sample	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI
Drainage Area (acres) (DA)	390	390	390	390	390	390	390	390	390	390	390	390	390
Impervious Area (acres) (IA)	236	236	236	236	236	236	236	236	236	236	236	236	236
Land Use - Residential	44	44	44	44	44	44	44	44	44	44	44	44	44
Land Use - Commercial	23	23	23	23	23	23	23	23	23	23	23	23	23
Land Use - Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Use - Undeveloped	33	33	33	33	33	33	33	33	33	33	33	33	33
Sampling Duration (minutes)	40	210	85	165	255	90	225	65	185	75	165	75	180
Storm Duration (minutes) (DRN)	100	100	230	230	360	140	140	UA	UA	445	445	415	415
Runoff Sampled (cubic feet) (RUN)	1,890	44,520	5,460	18,140	133,525	95,940	23,920	23,630	138,500	9,900	4,950	52,330	256,630
Total Storm Runoff (cubic feet)	53,910	53,910	74,000	74,000	173,500	117,800	117,800	385,100	385,100	21,250	21,250	387,500	387,500
Instantaneous Discharge (cfs)	0.71	8.30	20.1	6.19	15.2	35.8	11.1	10	14.6	3.70	0.95	22.2	29.8
Preceding Dry Period (days) (ANT)	UD	UD	60	60	2	73	73	13	13	28	28	18	18
Total Storm Rainfall (inch)	0.08	0.08	0.04	0.04	0.02	0.02	0.02	0.3	0.3	0.16	0.16	0.06	0.06
Rainfall Sampled (inch) (TRN)	0.01	0.07	0.02	0.02	0.01	0	0.02	0.02	0.03	0.09	0.03	0.02	0.02
Maximum 5-minute rain intensity (MAX5)	0.12	0.36	0.12	0.12	0.12	0	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Sample Temperature (deg. C)	8.7	8.4	9.8	9.8	16.6	8.4	8.4	9	4	14	NM	10	10
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	--	--	--	--	--	--	--	--	--	--	--	--	--
pH, Lab (standard units)	7.7	6.8	7	7	7.3	7.2	7	7.4	7.1	7.7	--	7	7
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
BOD5 (mg/l)	11	143	65	41	--	109	69	>118	41	59	62	--	--
COD High Level (mg/l)	100	790	380	240	--	490	320	400	140	450	270	290	86
Chloride (mg/l as Cl)	--	--	--	--	--	--	--	--	--	--	--	--	--
Cyanide Total (mg/l as Cn)	<0.01	--	--	--	<0.01	<0.01	--	<0.01	--	<0.01	--	<0.01	--
Fecal Coliform (CFU/100mL)	--	--	--	--	--	--	--	--	--	--	--	--	--
Fecal Streptococci (CFU/100mL)	--	--	--	--	--	--	--	--	--	--	--	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)	790	810	290	180	--	370	270	440	130	420	290	500	92
Residue, Total at 105 Deg. C (TSS) (mg/l)	70	120	200	40	--	240	40	63	26	320	70	200	62
Nitrogen No2 + No3, Total (mg/l as N)	0.15	2.2	1.28	0.8	--	2	1.9	0.87	0.35	1.32	1.72	0.98	0.26
TKN Nitrogen (mg/l as N)	10.4	21	8	5.8	--	15	11	8.8	4.1	18	7.8	18	3.9

KP-01 - Kiwanis Park													
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01
Date of Sampling	9/12/93	9/12/93	11/11/93	11/11/93	11/13/93	1/25/94	1/25/94	2/7/94	2/7/94	3/7/94	3/7/94	3/25/94	3/25/94
Nitrogen, Ammonia + Organic, Total (mg/l as N)	10.4	21	8	5.83	--	15.24	10.74	8.78	4.14	17.93	7.78	18.01	3.92
Nitrogen Nitrate Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)	0.6	0.8	1.4	0.63	--	1.2	0.7	1.1	0.46	1	0.53	0.9	0.37
Phosphorous Dissolved (mg/l as P)	0.3	0.29	0.73	0.46	--	0.19	0.19	0.3	0.13	0.14	0.17	0.44	0.25
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium Total (mg/l)	--	--	<0.04	<0.04	--	<0.04	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	40	--	--	--	<20	40	--	<20	--	29	--	<20	--
Oil and Grease Total Recoverable (mg/l)	<2	--	--	--	2	9	--	4	--	5	--	4.2	--
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Whole Field (mg/l as HCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Field (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity LAB (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	<5	<5	<5	<5	--	<5	<5	<5	<5	<5	<5	<5	<5
Antimony Dissolved (ug/l as Sb)	--	--	--	--	--	--	<5	--	<5	--	<5	--	<5
Arsenic Total (ug/l as As)	4	7	5	3	--	5	2	3	2	4	3	3	1
Arsenic Dissolved (ug/l as As)	--	--	--	--	--	--	2	--	1	--	2	--	1
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	<0.2	<0.2	<0.2	<0.2	--	0.3	<0.2	<0.2	<0.2	0.2	<0.2	0.7	<0.2
Beryllium Dissolved (ug/l as Be)	--	--	--	--	--	--	<0.2	--	<0.2	--	<1.0	--	<0.2
Cadmium Total Recoverable (ug/l as Cd)	0.7	1.1	1.2	1	--	1.8	0.8	0.5	<0.2	0.9	0.5	0.7	0.2
Cadmium Dissolved (ug/l as Cd)	--	--	--	--	--	--	0.7	--	<0.2	--	0.4	--	<0.2
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	2	8	7	2	--	13	4	<1	<1	1	3	<1	<1
Chromium Dissolved (ug/l as Cr)	--	--	--	--	--	--	2	--	<1	--	2	--	<1
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	49	72	57	27	--	72	36	31	13	75	79	92	13
Copper, Dissolved, (ug/l as Cu)	--	--	--	--	--	--	13	--	5	--	74	--	<3
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	13	18	39	10	--	46	14	14	6	27	13	21	7
Lead, Dissolved, (ug/l as Pb)	--	--	--	--	--	--	5	--	2	--	3	--	<1
Lithium, Dissolved, (ug/l as Li)	--	--	--	--	--	--	--	--	--	--	--	--	--

KP-01 - Kiwanis Park													
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01
Date of Sampling	9/12/93	9/12/93	11/11/93	11/11/93	11/13/93	1/25/94	1/25/94	2/7/94	2/7/94	3/7/94	3/7/94	3/25/94	3/25/94
Magnesium, Dissolved, (mg/l as Mg)	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	<0.2	<0.2	<0.2	<0.2	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)	--	--	--	--	--	--	<0.2	--	<0.2	--	<0.2	--	<0.2
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	12	68	23	13	--	28	20	14	<5	25	21	10	6
Nickel, Dissolved, (ug/l as Ni)	--	--	--	--	--	--	17	--	<5	--	20	--	<5
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	<0.8	<0.8	<0.8	<0.8	--	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Selenium, Dissolved, (ug/l as Se)	--	--	--	--	--	--	<0.8	--	<0.8	--	<0.8	--	<0.8
Silver, Total Recoverable, (ug/l as Ag)	28.4	<0.2	<0.2	<0.2	--	0.3	<0.2	0.2	3.1	0.2	<0.2	<0.2	<0.2
Silver, Dissolved, (ug/l as Ag)	--	--	--	--	--	--	<0.2	--	0.3	--	<0.2	--	<0.2
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	<1	<1	<1	<1	--	<1	<1	2	<1	<1	<1	<1	<1
Thallium, Dissolved, (ug/l as Tl)	--	--	--	--	--	--	<1	--	<1	--	<1	--	<1
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	95	443	290	118	--	402	161	134	67	262	170	207	56
Zinc, Dissolved, (ug/l as Zn)	--	--	--	--	--	--	147	--	65	--	105	--	18
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/L)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<0.5	<5.0	<1.0	<0.5	--	<0.25	<0.25	<0.05	<0.05	<0.5	<0.5	<0.25	<0.25
BHC - ALPHA, (ug/l)	<0.5	<5.0	<1.0	<0.5	--	<0.25	<0.25	<0.05	<0.05	<0.5	<0.5	<0.25	<0.25
BHC - Gamma (Lindane), (ug/l)	<0.5	<5.0	<1.0	<0.5	--	<0.25	<0.25	<0.05	<0.05	<0.5	<0.5	<0.25	<0.25
BHC - DELTA, (ug/l)	<0.5	<5.0	<1.0	<0.5	--	<0.25	<0.25	<0.05	<0.05	<0.5	<0.5	<0.25	<0.25
Aroclor 1016, PCB, Total, (ug/l)	<5.0	<50	<10.0	<5.0	--	<2.5	<2.5	<0.5	<0.5	<5.0	<5.0	<2.5	<2.5
Aroclor 1221, PCB, Total, (ug/l)	<5.0	<50	<10.0	<5.0	--	<2.5	<2.5	<0.5	<0.5	<5.0	<5.0	<2.5	<2.5
Aroclor 1232, PCB, Total, (ug/l)	<5.0	<50	<10.0	<5.0	--	<2.5	<2.5	<0.5	<0.5	<5.0	<5.0	<2.5	<2.5
Aroclor 1242, PCB, Total, (ug/l)	<5.0	<50	<10.0	<5.0	--	<2.5	<2.5	<0.5	<0.5	<5.0	<5.0	<2.5	<2.5
Aroclor 1248, PCB, Total, (ug/l)	<5.0	<50	<10.0	<5.0	--	<2.5	<2.5	<0.5	<0.5	<5.0	<5.0	<2.5	<2.5
Aroclor 1254, PCB, Total, (ug/l)	<5.0	<50	<10.0	<5.0	--	<2.5	<2.5	<0.5	<0.5	<5.0	<5.0	<2.5	<2.5
Aroclor 1260, PCB, Total, (ug/l)	<5.0	<50	<10.0	<5.0	--	<2.5	<2.5	<0.5	<0.5	<5.0	<5.0	<2.5	<2.5

KP-01 - Kiwanis Park													
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01
Date of Sampling	9/12/93	9/12/93	11/11/93	11/11/93	11/13/93	1/25/94	1/25/94	2/7/94	2/7/94	3/7/94	3/7/94	3/25/94	3/25/94
Chlordane, Total, (ug/l)	<5.0	<50	<10.0	<5.0	--	<2.5	<2.5	<0.5	<0.5	<5.0	<5.0	<2.5	<2.5
P,P' DDD, Total, (ug/l)	<1.0	<10	<2.0	<1.0	--	<0.5	<0.5	<0.1	<0.1	<1.0	<1.0	<0.5	<0.5
P,P' DDE, Total, (ug/l)	<1.0	<10	<2.0	<1.0	--	<0.5	<0.5	<0.1	<0.1	<1.0	<1.0	<0.5	<0.5
P, P' DDT, Total, (ug/l)	<1.0	<10	<2.0	<1.0	--	<0.5	<0.5	<0.1	<0.1	<1.0	<1.0	<0.5	<0.5
Dieldrin, Total, (ug/l)	<1.0	<10	<2.0	<1.0	--	<0.5	<0.5	<0.1	<0.1	<1.0	<1.0	<0.5	<0.5
Endo-Sulfan Alpha, Total, (ug/l)	<0.5	<5.0	<1.0	<0.5	--	<0.25	<0.25	<0.05	<0.05	<0.5	<0.5	<0.25	<0.25
Endo-Sulfan Beta, Total, (ug/l)	<1.0	<10	<2.0	<1.0	--	<0.5	<0.5	<0.1	<0.1	<1.0	<1.0	<0.5	<0.5
Endo-Sulfan Sulfate, Total, (ug/l)	<1.0	<10	<2.0	<1.0	--	<0.5	<0.5	<0.1	<0.1	<1.0	<1.0	<0.5	<0.5
Endrin Aldehyde, Total, (ug/l)	<1.0	<10	<2.0	<1.0	--	<0.5	<0.5	<0.1	<0.1	<1.0	<1.0	<0.5	<0.5
Endrin, Total, (ug/l)	<1.0	<10	<2.0	<1.0	--	<0.5	<0.5	<0.1	<0.1	<1.0	<1.0	<0.5	<0.5
Heptachlor, Total, (ug/l)	<0.5	<5.0	<1.0	<0.5	--	<0.25	<0.25	<0.05	<0.05	<0.5	<0.5	<0.25	<0.25
Heptachlor Epoxide, Total, (ug/l)	<0.5	<5.0	<1.0	<0.5	--	<0.25	<0.25	<0.05	<0.05	<0.5	<0.5	<0.25	<0.25
Toxaphene, Total, (ug/l)	<10.0	<100	<20.0	<10.0	--	<5.0	<5.0	<1.0	<1.0	<10.0	<10.0	<5.0	<5.0
Methoxychlor, Total, (ug/l)	<5.0	<50	<10.0	<5.0	--	<2.5	<2.5	<0.5	<0.5	<5.0	<5.0	<2.5	<2.5
Beta Benzene Hexachloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
1,1,1,2-Tetrachloroethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
1,1,1- Trichloroethane, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
1,1,2- Trichloroethane, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
Trichloroethene, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
1,1- Dichloroethane, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
1,1- Dichloroethene, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
1,2- Dichloroethane, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
1,2- Dichloropropane, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
2- Chloroethylvinyl Ether, Total, (ug/l)	<50	--	--	--	<10	<10	--	<10	--	<10	--	<10	--
cis-1,3-Dichloropropene, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
trans-1,2- Dichloroethene, (ug/l)	--	--	--	--	--	--	--	<1	--	--	--	--	--
trans-1,3- Dichloropropene, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
Benzene, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
Bromodichloromethane, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
Bromoform, Total, (ug/l)	<25	--	--	--	<5	<5	--	<5	--	<5	--	<5	--
Carbon Tetrachloride, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
Chlorobenzene, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
Chloroethane, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
Chloroform, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
Ethyl-Benzene, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
Methylene Chloride, Total, (ug/l)	<25	--	--	--	<5	<5	--	<5	--	<5	--	<5	--
Toluene, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
Trichlorofluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--

KP-01 - Kiwanis Park													
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01
Date of Sampling	9/12/93	9/12/93	11/11/93	11/11/93	11/13/93	1/25/94	1/25/94	2/7/94	2/7/94	3/7/94	3/7/94	3/25/94	3/25/94
Chlorodibromomethane, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone, Total, (ug/l)	120	--	--	--	<10	<10	--	18	--	57	--	25	--
2-Butanone, (ug/l)	<50	--	--	--	<10	<10	--	<10	--	11	--	<10	--
Carbon Disulfide, Total, (ug/l)	--	--	--	--	--	--	--	<1	--	<1	--	<1	--
1,2 Dichloroethene, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
Xylenes, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	4	--	<1	--
2-Hexanone, Total, (ug/l)	<50	--	--	--	<10	<10	--	<10	--	<10	--	<10	--
Styrene, Total, (ug/l)	<5	--	--	--	<1	<1	--	<1	--	<1	--	<1	--
Acrolein, Total, (ug/l)	--	--	--	--	--	--	--	<1	--	--	--	--	--
Acrylonitrile, Total, (ug/l)	--	--	--	--	--	--	--	<1	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Acenaphthylene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Anthracene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Benzdine, Total, (ug/l)	<100	<100	<500	<500	--	<300	<300	<100	<200	<200	<200	<100	<100
Benzoic Acid, Total, (ug/l)	--	--	--	--	--	200	130	150	<100	<100	<100	43	29
Benzo (a) Anthracene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Benzo (b) Fluoranthene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Benzo (k) Fluoranthene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Benzo (ghi) Perylene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Benzo (a) Pyrene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Benzyl Alcohol, Total, (ug/l)	--	--	--	--	--	15	<30	<10	<20	<20	<20	<10	<10
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	13	<20	15	<20	16	5
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Butyl Benzyl Phthalate, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
2-Chloronaphthalene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
2-Chlorophenol, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Chrysene, Total, (ug/l)	<10	<10	<50	<50	--	13	13	<10	<20	<20	<20	<10	<10
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Di-N-Butyl Phthalate, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
1,3- Dichlorobenzene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10

KP-01 - Kiwanis Park													
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01
Date of Sampling	9/12/93	9/12/93	11/11/93	11/11/93	11/13/93	1/25/94	1/25/94	2/7/94	2/7/94	3/7/94	3/7/94	3/25/94	3/25/94
1,4- Dichlorobenzene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
1,2- Dichlorobenzene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
3,3'- Dichlorobenzidine, Total, (ug/l)	<20	<20	<100	<100	--	<60	<60	<20	<40	<40	<40	<20	<20
2,4- Dichlorophenol, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Diethyl Phthalate, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
2,4- Dimethylphenol, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Dimethyl Phthalate, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<50	<50	<250	<250	--	<150	<150	<50	<100	<100	<100	<50	<50
2,4- Dinitrophenol, Total, (ug/l)	<50	<50	<250	<250	--	<150	<150	<50	<100	<100	<100	<50	<50
2,4- Dinitrotoluene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
2,6- Dinitrotoluene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Di-N-Octyl-Phthalate, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Fluoranthene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Fluorene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Hexachlorobenzene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Hexachlorobutadiene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Hexachlorocyclopentadiene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Hexachloroethane, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Isophorone, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Naphthalene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Nitrobenzene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
2-Nitrophenol, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
4-Nitrophenol, Total, (ug/l)	<50	<50	<250	<250	--	<150	<150	<50	<100	<100	<100	<50	<50
N-Nitrosodiphenylamine, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Pentachlorophenol, Total, (ug/l)	<50	<50	<250	<250	--	<150	<150	<50	<100	<100	<100	<50	<50
Phenanthrene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
Phenol, Total, (ug/l)	<10	<10	<50	<50	--	13	<30	33	6	<20	<20	23	<10
Pyrene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
1,2,4-Trichlorobenzene, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
2,4,5- Trichlorophenol, Total, (ug/l)	--	--	--	--	--	<150	<150	<50	<100	<100	<100	<50	<50
2,4,6- Trichlorophenol, Total, (ug/l)	<10	<10	<50	<50	--	<30	<30	<10	<20	<20	<20	<10	<10
N-Nitrosodimethylamine, Total, (ug/l)	--	--	--	--	--	<30	<30	<10	<20	<20	<20	<10	<10
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--

KP-01 - Kiwanis Park													
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01							
Date of Sampling	4/26/94	4/26/94	5/25/94	5/25/94	7/17/94	7/17/94	7/28/94	7/28/94	8/8/94	8/9/94	9/2/94	9/2/94	10/15/94
First Flush (FF) - First Hour													
Second Flush (SF) - After first hour													
Full Event (FE)- No separate first/second flush samples	FF	SF	FF	SF	FF	SF	FF	SF	FF	SF	FF	SF	FF
Agency Collecting Sample	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE							
Agency Analyzing Sample	ATI	ATI	ATI	ATI	ATI	DEL MAR							
Drainage Area (acres) (DA)	390	390	390	390	390	390	390	390	390	390	390	390	390
Impervious Area (acres) (IA)	236	236	236	236	236	236	236	236	236	236	236	236	236
Land Use - Residential	44	44	44	44	44	44	44	44	44	44	44	44	44
Land Use - Commercial	23	23	23	23	23	23	23	23	23	23	23	23	23
Land Use - Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Use - Undeveloped	33	33	33	33	33	33	33	33	33	33	33	33	33
Sampling Duration (minutes)	85	170	85	165	70	185	80	165	65	190	85	165	255
Storm Duration (minutes) (DRN)	565	565	500	500	5	5	5	5	155	155	410	410	155
Runoff Sampled (cubic feet) (RUN)	6,400	95,230	70,230	45,830	109,790	91,580	248,715	146,910	32,330	39,380	351,490	202,300	711,850
Total Storm Runoff (cubic feet)	227,000	227,000	135,000	135,000	UA	UA	UA	UA	82,000	82,000	630,000	630,000	826,000
Instantaneous Discharge (cfs)	50.8	21.3	19.4	12.6	41.8	19.3	83.9	22.8	11.6	8.91	80.4	83.2	89.3
Preceding Dry Period (days) (ANT)	32	32	29	29	53	53	11	11	11	12	25	24	43
Total Storm Rainfall (inch)	0.02	0.02	0.03	0.03	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.49
Rainfall Sampled (inch) (TRN)	0.01	0.01	0.01	0	0.01	0	0	0.01	0.01	0.01	0.01	0.01	0.49
Maximum 5-minute rain intensity (MAX5)	0.12	0.12	0.12	0	0.12	0	0	0.12	0.12	0.12	0.12	0.12	0.6
Sample Temperature (deg. C)	10	10	10.4	12	4	4	22.9	10.5	12	13.5	4	15	9.1
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	25							
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM							
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM							
pH, Effluent (standard units)	--	--	--	--	--	--	--	--	--	--	--	--	7.2
pH, Lab (standard units)	6.9	7.2	7.4	7.2	6.7	6.7	7.4	7.2	7.4	7.4	7.8	7.9	7.4
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
BOD5 (mg/l)	39	19	40	18	126	93	51	41	69	35	--	--	--
COD High Level (mg/l)	280	120	230	130	810	680	360	210	500	310	340	73	180
Chloride (mg/l as Cl)	--	--	--	--	--	--	--	--	--	--	--	--	--
Cyanide Total (mg/l as Cn)	0.26	--	<0.01	--	<0.01	--	<0.01	--	<0.01	--	<0.01	--	<0.025
Fecal Coliform (CFU/100mL)	--	--	--	--	--	--	--	--	--	--	--	--	--
Fecal Streptococci (CFU/100mL)	--	--	--	--	--	--	--	--	--	--	--	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)	190	100	190	150	560	570	210	160	430	290	140	60	95
Residue, Total at 105 Deg. C (TSS) (mg/l)	210	30	120	10	440	100	390	100	200	20	440	30	100
Nitrogen No2 + No3, Total (mg/l as N)	0.81	0.6	1.06	0.89	3	2.4	2.1	2	1.7	1.3	1.1	0.9	0.62
TKN Nitrogen (mg/l as N)	5.6	3.3	6.8	4.5	16.8	17	5.2	4.3	12.1	6.9	7.2	2.3	2.31

KP-01 - Kiwanis Park													
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01							
Date of Sampling	4/26/94	4/26/94	5/25/94	5/25/94	7/17/94	7/17/94	7/28/94	7/28/94	8/8/94	8/9/94	9/2/94	9/2/94	10/15/94
Nitrogen, Ammonia + Organic, Total (mg/l as N)	5.57	3.34	6.86	4.46	16.84	16.94	5.25	4.29	12.12	6.9	7.23	2.28	--
Nitrogen Nitrate Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)	0.81	0.32	0.64	0.38	3.3	2.1	0.65	0.59	1.4	0.62	1.22	0.34	0.38
Phosphorous Dissolved (mg/l as P)	0.13	0.19	0.25	0.3	1.2	0.9	0.24	0.28	0.23	0.38	0.09	0.21	0.11
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium Total (mg/l)	--	--	--	--	--	--	--	--	<0.04	<0.04	--	--	--
Phenols Total Recoverable (ug/l)	<20	--	<20	--	30	--	<20	--	20	20	<20	--	<100
Oil and Grease Total Recoverable (mg/l)	<2	--	86	--	11	--	2	--	2	--	<2	--	<5.0
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Whole Field (mg/l as HCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Field (mg/l as CO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as CO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity LAB (mg/l as CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<500
Antimony Dissolved (ug/l as Sb)	--	<5	--	<5	--	<5	--	<5	--	<5	--	<5	--
Arsenic Total (ug/l as As)	3	2	3	2	10	6	9	4	11	5	10	2	<10
Arsenic Dissolved (ug/l as As)	--	2	--	2	--	6	--	2	--	5	--	1	--
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	<0.2	<0.2	<0.2	<0.2	0.8	0.2	0.7	0.3	0.5	<0.2	<0.5	<0.2	<10
Beryllium Dissolved (ug/l as Be)	<0.2	<0.2	--	<0.2	--	<0.2	--	<0.2	--	<0.2	--	<0.2	--
Cadmium Total Recoverable (ug/l as Cd)	0.7	0.4	1.4	0.3	2.3	1.2	2	0.9	1.9	<0.5	3.1	0.3	<5
Cadmium Dissolved (ug/l as Cd)	--	<0.2	--	0.3	--	0.7	--	0.2	--	<0.3	--	<0.2	--
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	7	2	5	<1	20	2	19	7	13	2	5	1	<5
Chromium Dissolved (ug/l as Cr)	--	<1	--	<1	--	2	--	1	--	<1	--	<1	--
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	56	16	42	16	115	58	89	38	92	33	111	18	<50
Copper, Dissolved, (ug/l as Cu)	--	11	--	11	--	43	--	14	--	20	--	8	--
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	24	7	26	5	71	14	79	31	50	7	54	8	160
Lead, Dissolved, (ug/l as Pb)	--	2	--	2	--	12	--	4	--	2	--	<1	--
Lithium, Dissolved, (ug/l as Li)	--	--	--	--	--	--	--	--	--	--	--	--	--

KP-01 - Kiwanis Park													
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01							
Date of Sampling	4/26/94	4/26/94	5/25/94	5/25/94	7/17/94	7/17/94	7/28/94	7/28/94	8/8/94	8/9/94	9/2/94	9/2/94	10/15/94
Magnesium, Dissolved, (mg/l as Mg)	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)	--	<0.2	<0.2	<0.2	--	<0.2	--	<0.2	--	<0.2	--	<0.2	--
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	14	10	17	10	58	46	33	18	44	20	34	6	<50
Nickel, Dissolved, (ug/l as Ni)	--	6	--	10	--	46	--	10	--	17	--	<5	--
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	<0.8	<0.8	<0.8	<0.8	<3	<0.8	<0.8	<0.8	<2.0	<0.8	<2	<0.8	<10
Selenium, Dissolved, (ug/l as Se)	--	<0.8	--	<0.8	--	<0.8	--	<0.8	--	<0.8	--	<0.8	--
Silver, Total Recoverable, (ug/l as Ag)	<0.2	<0.2	<0.2	<0.2	0.2	<0.2	0.2	<0.2	<0.2	<0.2	0.5	<0.2	<50
Silver, Dissolved, (ug/l as Ag)	--	<0.2	--	<0.2	--	<0.2	--	<0.2	--	<0.2	--	<0.2	--
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<500
Thallium, Dissolved, (ug/l as Tl)	--	<1	--	<1	--	<1	--	<1	--	<1	--	<1	--
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	214	80	220	86	609	363	443	208	475	108	563	63	120
Zinc, Dissolved, (ug/l as Zn)	--	47	--	78	--	362	--	139	--	70	--	36	--
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<0.5	<0.25	<0.05	<0.05	<1.0	<1.0	<0.25	<0.25	<1.0	<0.5	<0.25	<0.25	<0.10
BHC - ALPHA, (ug/l)	<0.5	<0.25	<0.05	<0.05	<1.0	<1.0	<0.25	<0.25	<1.0	<0.5	<0.25	<0.25	<0.050
BHC - Gamma (Lindane), (ug/l)	<0.5	<0.25	<0.05	<0.05	<1.0	<1.0	<0.25	<0.25	<1.0	<0.5	<0.25	<0.25	<0.050
BHC - DELTA, (ug/l)	<0.5	<0.25	<0.05	<0.05	<1.0	<1.0	<0.25	<0.25	<1.0	<0.5	<0.25	<0.25	<0.40
Aroclor 1016, PCB, Total, (ug/l)	<5.0	<2.5	<0.5	<0.5	<10.0	<10.0	<2.5	<2.5	<10.0	<5.0	<2.5	<2.5	<1.0
Aroclor 1221, PCB, Total, (ug/l)	<5.0	<2.5	<0.5	<0.5	<10.0	<10.0	<2.5	<2.5	<10.0	<5.0	<2.5	<2.5	<1.0
Aroclor 1232, PCB, Total, (ug/l)	<5.0	<2.5	<0.5	<0.5	<10.0	<10.0	<2.5	<2.5	<10.0	<5.0	<2.5	<2.5	<1.0
Aroclor 1242, PCB, Total, (ug/l)	<5.0	<2.5	<0.5	<0.5	<10.0	<10.0	<2.5	<2.5	<10.0	<5.0	<2.5	<2.5	<1.0
Aroclor 1248, PCB, Total, (ug/l)	<5.0	<2.5	<0.5	<0.5	<10.0	<10.0	<2.5	<2.5	<10.0	<5.0	<2.5	<2.5	<1.0
Aroclor 1254, PCB, Total, (ug/l)	<5.0	<2.5	<0.5	<0.5	<10.0	<10.0	<2.5	<2.5	<10.0	<5.0	<2.5	<2.5	<1.0
Aroclor 1260, PCB, Total, (ug/L)	<5.0	<2.5	<0.5	<0.5	<10.0	<10.0	<2.5	<2.5	<10.0	<5.0	<2.5	<2.5	<1.0

KP-01 - Kiwanis Park													
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01							
Date of Sampling	4/26/94	4/26/94	5/25/94	5/25/94	7/17/94	7/17/94	7/28/94	7/28/94	8/8/94	8/9/94	9/2/94	9/2/94	10/15/94
Chlordane, Total, (ug/l)	<5.0	<2.5	<0.5	<0.5	<10.0	<10.0	<2.5	<2.5	<10.0	<5.0	<2.5	<2.5	<0.15
P,P' DDD, Total, (ug/l)	<1.0	<0.5	<0.1	<0.1	<2.0	<2.0	<0.5	<0.5	<2.0	<1.0	<0.5	<0.5	<0.10
P,P' DDE, Total, (ug/l)	<1.0	<0.5	<0.1	<0.1	<2.0	<2.0	<0.5	<0.5	<2.0	<1.0	<0.5	<0.5	<0.050
P, P' DDT, Total, (ug/l)	<1.0	<0.5	<0.1	<0.1	<2.0	<2.0	<0.5	<0.5	<2.0	<1.0	<0.5	<0.5	<0.10
Dieldrin, Total, (ug/l)	<1.0	<0.5	<0.1	<0.1	<2.0	<2.0	<0.5	<0.5	<2.0	<1.0	<0.5	<0.5	<0.10
Endo-Sulfan Alpha, Total, (ug/l)	<0.5	<0.25	<0.05	<0.05	<1.0	<1.0	<0.25	<0.25	<1.0	<0.5	<0.25	<0.25	<0.15
Endo-Sulfan Beta, Total, (ug/l)	<1.0	<0.5	<0.1	<0.1	<2.0	<2.0	<0.5	<0.5	<2.0	<1.0	<0.5	<0.5	<0.10
Endo-Sulfan Sulfate, Total, (ug/l)	<1.0	<0.5	<0.1	<0.1	<2.0	<2.0	<0.5	<0.5	<2.0	<1.0	<0.5	<0.5	<0.75
Endrin Aldehyde, Total, (ug/l)	<1.0	<0.5	<0.1	<0.1	<2.0	<2.0	<0.5	<0.5	<2.0	<1.0	<0.5	<0.5	<0.25
Endrin, Total, (ug/l)	<1.0	<0.5	<0.1	<0.1	<2.0	<2.0	<0.5	<0.5	<2.0	<1.0	<0.5	<0.5	<0.10
Heptachlor, Total, (ug/l)	<0.5	<0.25	<0.05	<0.05	<1.0	<1.0	<0.25	<0.25	<1.0	<1.0	<0.25	<0.25	<0.10
Heptachlor Epoxide, Total, (ug/l)	<0.5	<0.25	<0.05	<0.05	<1.0	<1.0	<0.25	<0.25	<1.0	<1.0	<0.25	<0.25	<0.10
Toxaphene, Total, (ug/l)	<10.0	<5.0	<1.0	<1.0	<20.0	<20.0	<5.0	<5.0	<20.0	<10.0	<5.0	<5.0	<0.50
Methoxychlor, Total, (ug/l)	<5.0	<2.5	<0.5	<0.5	<10.0	<10.0	<2.5	<2.5	<10.0	<5.0	<2.5	<2.5	<1.0
Beta Benzene Hexachloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
1,1,1,2-Tetrachloroethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
1,1,1- Trichloroethane, Total, (ug/l)	<10	--	<10	--	1100	--	<10	--	<10	--	<1	--	<2.0
1,1,2- Trichloroethane, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
Trichloroethene, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
1,1- Dichloroethane, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
1,1- Dichloroethene, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<5.0
1,2- Dichloroethane, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
1,2- Dichloropropane, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
2- Chloroethylvinyl Ether, Total, (ug/l)	<100	--	<100	--	<500	--	<100	--	<100	--	<10	--	<2.0
cis-1,3-Dichloropropene, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
trans-1,2- Dichloroethene, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	<2.0
trans-1,3- Dichloropropene, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
Benzene, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
Bromodichloromethane, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
Bromoform, Total, (ug/l)	<50	--	<50	--	<250	--	<50	--	<50	--	<5	--	<2.0
Carbon Tetrachloride, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<5.0
Chlorobenzene, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
Chloroethane, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<5.0
Chloroform, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
Ethyl-Benzene, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
Methylene Chloride, Total, (ug/l)	<50	--	<50	--	<250	--	<50	--	<50	--	<5	--	<10
Toluene, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
Trichlorofluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	<5.0
Vinyl Chloride, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<5.0

KP-01 - Kiwanis Park													
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01							
Date of Sampling	4/26/94	4/26/94	5/25/94	5/25/94	7/17/94	7/17/94	7/28/94	7/28/94	8/8/94	8/9/94	9/2/94	9/2/94	10/15/94
Chlorodibromomethane, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
4-Methyl, 2-Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone, Total, (ug/l)	<100	--	<100	--	<500	--	<100	--	<100	--	25	--	<10
2-Butanone, (ug/l)	<100	--	<100	--	<500	--	<100	--	<100	--	<10	--	<10
Carbon Disulfide, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<5.0
1,2-Dichloroethene, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
Xylenes, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
2-Hexanone, Total, (ug/l)	<100	--	<100	--	<500	--	<100	--	<100	--	<10	--	<10
Styrene, Total, (ug/l)	<10	--	<10	--	<50	--	<10	--	<10	--	<1	--	<2.0
Acrolein, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Acenaphthylene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Anthracene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Benidine, Total, (ug/l)	<100	<100	<1000	<100	<500	<400	<500	<250	<200	<200	<500	<100	<100
Benzoic Acid, Total, (ug/l)	50	<50	<500	7	230	<200	<250	<125	<100	<100	<250	<50	<100
Benzo (a) Anthracene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Benzo (b) Fluoranthene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Benzo (k) Fluoranthene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Benzo (ghi) Perylene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Benzo (a) Pyrene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Benzyl Alcohol, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<20
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	<10	<10	<100	2	<50	<40	<50	7	<20	<20	<50	<10	<20
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Butyl Benzyl Phthalate, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<20
2-Chloronaphthalene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
2-Chlorophenol, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<100	<10	<10
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Chrysene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<20
Di-N-Butyl Phthalate, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<20
1,3-Dichlorobenzene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10

KP-01 - Kiwanis Park													
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01							
Date of Sampling	4/26/94	4/26/94	5/25/94	5/25/94	7/17/94	7/17/94	7/28/94	7/28/94	8/8/94	8/9/94	9/2/94	9/2/94	10/15/94
1,4- Dichlorobenzene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
1,2- Dichlorobenzene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
3,3'- Dichlorobenzidine, Total, (ug/l)	<20	<20	<200	<20	<100	<80	<100	<50	<40	<40	<100	<20	<40
2,4- Dichlorophenol, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<100	<10	<10
Diethyl Phthalate, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
2,4- Dimethylphenol, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<100	<10	<20
Dimethyl Phthalate, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<50	<50	<500	<50	<250	<200	<250	<125	<100	<100	<250	<50	<40
2,4- Dinitrophenol, Total, (ug/l)	<50	<50	<500	<50	<250	<200	<250	<125	<100	<100	<250	<50	<100
2,4- Dinitrotoluene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
2,6- Dinitrotoluene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Di-N-Octyl-Phthalate, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<40
Fluoranthene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Fluorene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Hexachlorobenzene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Hexachlorobutadiene, Total, (ug/l)	<10	<10	<500	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Hexachlorocyclopentadiene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<250	<10	<40
Hexachloroethane, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<20
Isophorone, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Naphthalene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Nitrobenzene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<100	<10	<40
2-Nitrophenol, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<100	<10	<10
4-Nitrophenol, Total, (ug/l)	<50	<50	<500	<50	<250	<200	<250	<125	<100	<100	<250	<50	<100
N-Nitrosodiphenylamine, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Pentachlorophenol, Total, (ug/l)	<50	<50	<500	<50	<250	<200	<250	<125	<100	<100	<100	<50	<40
Phenanthrene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Phenol, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
Pyrene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
1,2,4-Trichlorobenzene, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	<10
2,4,5- Trichlorophenol, Total, (ug/l)	<50	<50	<500	<50	<250	<200	<250	<125	<100	<100	<50	<50	<20
2,4,6- Trichlorophenol, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<100	<10	<20
N-Nitrosodimethylamine, Total, (ug/l)	<10	<10	<100	<10	<50	<40	<50	<25	<20	<20	<50	<10	--
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--

KP-01 - Kiwanis Park											
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01
Date of Sampling	11/12/94	12/23/94	1/11/95	1/11/95	2/28/95	2/28/95	8/11/95	8/19/95	9/7/95	9/2/96	9/24/96
First Flush (FF) - First Hour											
Second Flush (SF) - After first hour											
Full Event (FE)- No separate first/second flush samples	FF	FF	FF	SF	FF	SF	FE	FE	FE	FE	FE
Agency Collecting Sample	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE
Agency Analyzing Sample	DEL MAR	DEL MAR	DEL MAR	DEL MAR	DEL MAR	DEL MAR	ATI	ATI	ATI	AEN	AEN
Drainage Area (acres) (DA)	390	390	390	390	390	390	390	390	390	390	390
Impervious Area (acres) (IA)	236	236	236	236	236	236	236	236	236	236	236
Land Use - Residential	44	44	44	44	44	44	44	44	44	44	44
Land Use - Commercial	23	23	23	23	23	23	23	23	23	23	23
Land Use - Industrial	0	0	0	0	0	0	0	0	0	0	0
Land Use - Undeveloped	33	33	33	33	33	33	33	33	33	33	33
Sampling Duration (minutes)	775	290	65	180	80	180	250	250	305	UA	UA
Storm Duration (minutes) (DRN)	470	UA	165	165	UA	UA	UA	UA	UA	UA	UA
Runoff Sampled (cubic feet) (RUN)	778,660	407,590	56,320	198,650	22,650	174,310	770	930	120	UA	UA
Total Storm Runoff (cubic feet)	UA	UA	417,000	417,000	UA	UA	UA	UA	UA	UA	UA
Instantaneous Discharge (cfs)	71.0	48.3	24.8	39.6	11.1	49.0	0.28	0.011	0.017	UA	UA
Preceding Dry Period (days) (ANT)	28	18	8	8	16	16	UA	8	19	UA	UA
Total Storm Rainfall (inch)	0.57	UA	0.15	0.15	UA	UA	UA	UA	UA	UA	UA
Rainfall Sampled (inch) (TRN)	0.57	0.63	0.09	0.06	0.14	0.09	0.38	0.89	0.4	UA	UA
Maximum 5-minute rain intensity (MAX5)	0.48	0.6	0.72	0.36	0.24	0.48	0.84	2.04	0.48	UA	UA
Sample Temperature (deg. C)	NM	4	5.9	5.9	NM	NM	16	7.4	10.8	10.9	15
Effluent Temperature (deg. C)	16.3	NM	14.8	14.8	NM	NM	25	26	24	24.1	25.3
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	7.67	7	7.7	7.7	--	--	6.5	7.56	8.16	7.38	7.4
pH, Lab (standard units)	--	7	7.9	7.9	--	--	7.7	7.71	7.43	7.45	5.9
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)	--	--	--	--	--	--	--	--	--	--	--
BOD5 (mg/l)	--	29	41	30	122	41	--	--	51	9	21
COD High Level (mg/l)	--	120	250	140	300	110	150	--	592	205	178
Chloride (mg/l as Cl)	--	--	--	--	--	--	--	--	--	--	--
Cyanide Total (mg/l as Cn)	<0.025	<0.025	<0.025	--	<0.025	--	<0.01	<0.01	<0.01	<0.01	<0.01
Fecal Coliform (CFU/100mL)	--	--	--	--	--	--	--	--	--	--	--
Fecal Streptococci (CFU/100mL)	--	--	--	--	--	--	--	--	--	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)	--	75	190	90	340	95	100	90	190	130	160
Residue, Total at 105 Deg. C (TSS) (mg/l)	--	20	140	38	130	53	120	190	760	370	43
Nitrogen No2 + No3, Total (mg/l as N)	--	0.63	0.86	0.81	1.84	1.02	0.9	1.6	0.4	1	1.4
TKN Nitrogen (mg/l as N)	--	1.77	5.6	2.3	18.2	2.53	4.2	3.8	7.4	5	4.4

KP-01 - Kiwanis Park											
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01
Date of Sampling	11/12/94	12/23/94	1/11/95	1/11/95	2/28/95	2/28/95	8/11/95	8/19/95	9/7/95	9/2/96	9/24/96
Nitrogen, Ammonia + Organic, Total (mg/l as N)	--	1.77	5.6	2.3	18.2	2.53	4.2	3.8	7.4	5.01	4.31
Nitrogen Nitrate Total (mg/l as N)	--	--	0.79	0.73	1.84	1.02	--	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	--	--	0.07	0.08	<0.01	<0.01	--	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)	--	--	1.6	1.1	3.1	2.2	1.28	1.32	2.83	1.11	2.11
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	--	--	3.9	2.2
Phosphorous Total (mg/l as P)	--	0.25	0.14	0.27	0.36	0.3	0.47	0.44	3.3	0.79	0.42
Phosphorous Dissolved (mg/l as P)	--	0.11	0.06	0.08	0.1	0.11	0.26	0.1	0.76	0.16	0.21
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium Total (mg/l)	--	--	--	--	--	--	--	--	--	--	<0.04
Phenols Total Recoverable (ug/l)	<50	<50	<50	<50	70	--	20	<20	<20	<20	30
Oil and Grease Total Recoverable (mg/l)	<5	<5.0	<5.0	--	6.4	--	<2	5	6	3	3
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Whole Field (mg/l as HCO3)	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCO3)	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Field (mg/l as CO3)	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as CO3)	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCO3)	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCO3)	--	--	--	--	--	--	--	--	--	--	--
Alkalinity LAB (mg/l as CaCO3)	--	--	--	--	--	--	--	--	--	--	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	--	<500	--	<500	<500	<500	<5	<5	<5	<5	<5
Antimony Dissolved (ug/l as Sb)	--	--	--	<500	--	<500	<5	<5	<5	<5	<5
Arsenic Total (ug/l as As)	--	<10	12	<10	<10	<10	3	4	10	5	2
Arsenic Dissolved (ug/l as As)	--	--	--	<10	--	<10	2	2	3	2	<1
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	--	<10	<10	<10	<10	<10	<0.2	0.2	1	0.7	<0.2
Beryllium Dissolved (ug/l as Be)	--	--	--	<10	--	<10	<0.2	<0.2	<0.2	<0.2	<0.2
Cadmium Total Recoverable (ug/l as Cd)	--	<5	<5	<5	<5	<5	0.6	0.8	2.2	1.4	0.2
Cadmium Dissolved (ug/l as Cd)	--	--	--	<5	--	<5	<0.2	<0.2	<0.2	<0.2	<0.2
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	--	<5	9	<5	<5	<5	5	5	22	16	4
Chromium Dissolved (ug/l as Cr)	--	--	--	<5	--	<5	2	<1	7	1	2
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	--	<50	<50	<50	64	<50	29	36	117	94	19
Copper, Dissolved, (ug/l as Cu)	--	--	--	<50	--	<50	15	7	<3	34	13
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	--	12	31	9	35	22	16	54	141	54	4
Lead, Dissolved, (ug/l as Pb)	--	--	--	<5	--	12	1	1	2	2	1
Lithium, Dissolved, (ug/l as Li)	--	--	--	--	--	--	--	--	--	--	--

KP-01 - Kiwanis Park											
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01
Date of Sampling	11/12/94	12/23/94	1/11/95	1/11/95	2/28/95	2/28/95	8/11/95	8/19/95	9/7/95	9/2/96	9/24/96
Magnesium, Dissolved, (mg/l as Mg)	--	--	--	--	--	--	--	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)	--	--	--	--	--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	--	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	<0.2	0.2	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)	--	--	--	<0.2	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	--	<50	<50	<50	<50	<50	14	15	33	15	7
Nickel, Dissolved, (ug/l as Ni)	--	--	--	<50	--	<50	9	6	9	9	<5
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	--	<10	<10	<10	<10	<10	<0.8	<0.8	<1.6	<0.8	<0.8
Selenium, Dissolved, (ug/l as Se)	--	--	--	<10	--	<10	<0.8	<0.8	<1.6	<0.8	<0.8
Silver, Total Recoverable, (ug/l as Ag)	--	<50	<50	<50	<50	<50	<0.2	<0.2	<0.2	0.3	<0.2
Silver, Dissolved, (ug/l as Ag)	--	--	--	<50	--	<50	<0.2	<0.2	<0.2	<0.2	<0.2
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	--	<500	<500	<500	<500	<500	<1	<1	<1	<1	<1
Thallium, Dissolved, (ug/l as Tl)	--	--	--	<500	--	<500	<1	<1	<1	<1	<1
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	--	110	240	97	260	110	146	221	549	280	75
Zinc, Dissolved, (ug/l as Zn)	--	--	--	<50	--	71	64	42	19	250	33
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	--	<0.10	<0.10	<0.10	<0.10	<0.10	<0.05	<0.05	--	<0.25	<0.25
BHC - ALPHA, (ug/l)	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	--	<0.25	<0.25
BHC - Gamma (Lindane), (ug/l)	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	--	<0.25	<0.25
BHC - DELTA, (ug/l)	--	<0.40	<0.40	<0.40	<0.40	<0.40	<0.05	<0.05	--	<0.25	<0.25
Aroclor 1016, PCB, Total, (ug/l)	--	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	--	<2.5	<2.5
Aroclor 1221, PCB, Total, (ug/l)	--	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	--	<2.5	<2.5
Aroclor 1232, PCB, Total, (ug/l)	--	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	--	<2.5	<2.5
Aroclor 1242, PCB, Total, (ug/l)	--	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	--	<2.5	<2.5
Aroclor 1248, PCB, Total, (ug/l)	--	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	--	<2.5	<2.5
Aroclor 1254, PCB, Total, (ug/l)	--	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	--	<2.5	<2.5
Aroclor 1260, PCB, Total, (ug/L)	--	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	--	<2.5	<2.5

KP-01 - Kiwanis Park											
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01
Date of Sampling	11/12/94	12/23/94	1/11/95	1/11/95	2/28/95	2/28/95	8/11/95	8/19/95	9/7/95	9/2/96	9/24/96
Chlordane, Total, (ug/l)	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.5	<0.5	--	<2.5	<2.5
P,P' DDD, Total, (ug/l)	--	<0.10	<0.10	<0.10	<0.10	<0.10	<0.1	<0.1	--	<0.5	<0.5
P,P' DDE, Total, (ug/l)	--	<0.050	<0.050	<0.050	<0.050	<0.050	<0.1	<0.1	--	<0.5	<0.5
P, P' DDT, Total, (ug/l)	--	<0.10	<0.10	<0.10	<0.10	<0.10	<0.1	<0.1	--	<0.5	<0.5
Dieldrin, Total, (ug/l)	--	<0.10	<0.10	<0.10	<0.10	<0.10	<0.1	<0.1	--	<0.5	<0.5
Endo-Sulfan Alpha, Total, (ug/l)	--	<0.15	<0.15	<0.15	<0.15	<0.15	<0.05	<0.05	--	<0.25	<0.25
Endo-Sulfan Beta, Total, (ug/l)	--	<0.10	<0.10	<0.10	<0.10	<0.10	<0.1	<0.1	--	<0.5	<0.5
Endo-Sulfan Sulfate, Total, (ug/l)	--	<0.75	<0.75	<0.75	<0.75	<0.75	<0.1	<0.1	--	<0.5	<0.5
Endrin Aldehyde, Total, (ug/l)	--	<0.25	<0.25	<0.25	<0.25	<0.25	<0.1	<0.1	--	<0.5	<0.5
Endrin, Total, (ug/l)	--	<0.10	<0.10	<0.10	<0.10	<0.10	<0.1	<0.1	--	<0.5	<0.5
Heptachlor, Total, (ug/l)	--	<0.10	<0.10	<0.10	<0.10	<0.10	<0.05	<0.05	--	<0.25	<0.25
Heptachlor Epoxide, Total, (ug/l)	--	<0.10	<0.10	<0.10	<0.10	<0.10	<0.05	<0.05	--	<0.25	<0.25
Toxaphene, Total, (ug/l)	--	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	--	<2.5	<2.5
Methoxychlor, Total, (ug/l)	--	<10	<10	<10	<10	<10	<0.5	<0.5	--	<5.0	<5.0
Beta Benzene Hexachloride, Total, (ug/l)	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	<0.25	<0.25
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<50	<50	<50	<50	<5
1,1,1,2-Tetrachloroethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<40	<40	<40	<40	<4
1,1,1- Trichloroethane, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<50	<50	<50	<50	<5
1,1,2- Trichloroethane, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<40	<40	<40	<40	<4
Trichloroethene, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<40	<40	<40	<40	<4
1,1- Dichloroethane, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<50	<50	<50	<50	<5
1,1- Dichloroethene, Total, (ug/l)	<5.0	--	<5.0	--	--	--	<40	<40	<40	<40	<4
1,2- Dichloroethane, Total, (ug/l)	<2.0	--	<2.0	--	--	--	--	--	--	--	--
1,2- Dichloropropane, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<40	<40	<40	<40	<4
2- Chloroethylvinyl Ether, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<100	<100	<100	<100	<10
cis-1,3-Dichloropropene, (ug/l)	<2.0	--	<2.0	--	--	--	<50	<50	<50	<50	<5
trans-1,2- Dichloroethene, (ug/l)	<2.0	--	<2.0	--	--	--	<40	<40	<40	<40	<4
trans-1,3- Dichloropropene, (ug/l)	<2.0	--	<2.0	--	--	--	<50	<50	<50	<50	<5
Benzene, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<40	<40	<40	<40	<4
Bromodichloromethane, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<50	<50	<50	<50	<5
Bromoform, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<50	<50	<50	<50	<5
Carbon Tetrachloride, Total, (ug/l)	<5.0	--	<5.0	--	--	--	<40	<40	<40	<40	<4
Chlorobenzene, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<50	<50	<50	<50	<5
Chloroethane, (ug/l)	<5.0	--	<5.0	--	--	--	<100	<100	<100	<100	<10
Chloroform, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<50	<50	<50	<50	<5
Ethyl-Benzene, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<50	<50	<50	<50	<5
Methylene Chloride, Total, (ug/l)	<10	--	<10	--	--	--	<40	<40	<40	<40	<4
Toluene, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<50	<50	<50	<50	<5
Trichlorofluoromethane, Total, (ug/l)	<5.0	--	<5.0	--	--	--	<50	<50	<50	<50	<5
Vinyl Chloride, Total, (ug/l)	<5.0	--	<5.0	--	--	--	<50	<50	<50	<50	<5

KP-01 - Kiwanis Park											
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01
Date of Sampling	11/12/94	12/23/94	1/11/95	1/11/95	2/28/95	2/28/95	8/11/95	8/19/95	9/7/95	9/2/96	9/24/96
Chlorodibromomethane, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<50	<50	<50	<50	<5
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	--	--	--	--	--	--
Acetone, Total, (ug/l)	<10	--	25	--	--	--	<100	<100	<100	<100	36
2-Butanone, (ug/l)	<10	--	<10	--	--	--	<100	<100	<100	<100	<10
Carbon Disulfide, Total, (ug/l)	<5.0	--	<5.0	--	--	--	<50	<50	<50	<50	<5
1,2 Dichloroethene, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<50	<50	<50	<50	<5
Xylenes, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<50	<50	<50	<50	<5
2-Hexanone, Total, (ug/l)	<10	--	<10	--	--	--	<100	<100	<100	<100	<10
Styrene, Total, (ug/l)	<2.0	--	<2.0	--	--	--	<50	<50	<50	<50	<5
Acrolein, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	--	--	<5.0	--	--	--	<100	<100	<100	<100	<10
Methyl Chloride, Total, (ug/l)	--	--	<5.0	--	--	--	<100	<100	<100	<100	<10
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Acenaphthylene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Anthracene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Benidine, Total, (ug/l)	--	<100	<100	<100	<100	--	<200	<2000	--	<200	<200
Benzoic Acid, Total, (ug/l)	--	<100	<100	<100	<100	--	<100	<1000	--	<100	<200
Benzo (a) Anthracene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Benzo (b) Fluoranthene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Benzo (k) Fluoranthene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Benzo (ghi) Perylene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Benzo (a) Pyrene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Benzyl Alcohol, Total, (ug/l)	--	<20	<20	<20	<20	--	<20	<200	--	<20	<40
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	--	<20	<20	<20	<20	--	<20	<200	--	<20	<40
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Butyl Benzyl Phthalate, Total, (ug/l)	--	<20	<20	<20	<20	--	<20	<200	--	<20	<40
2-Chloronaphthalene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
2-Chlorophenol, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Chrysene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	--	<20	<20	<20	<20	--	<20	<200	--	<20	<40
Di-N-Butyl Phthalate, Total, (ug/l)	--	<20	<20	<20	<20	--	<20	<200	--	<20	<40
1,3- Dichlorobenzene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40

KP-01 - Kiwanis Park											
Sampling Station Identification Number	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01	KP-01
Date of Sampling	11/12/94	12/23/94	1/11/95	1/11/95	2/28/95	2/28/95	8/11/95	8/19/95	9/7/95	9/2/96	9/24/96
1,4- Dichlorobenzene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
1,2- Dichlorobenzene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
3,3'- Dichlorobenzidine, Total, (ug/l)	--	<40	<40	<40	<40	--	<40	<400	--	<40	<40
2,4- Dichlorophenol, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Diethyl Phthalate, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
2,4- Dimethylphenol, Total, (ug/l)	--	<20	<20	<20	<20	--	<20	<200	--	<20	<80
Dimethyl Phthalate, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	--	<40	<40	<40	<40	--	<100	<1000	--	<100	<40
2,4- Dinitrophenol, Total, (ug/l)	--	<100	<100	<100	<100	--	<100	<1000	--	<100	<40
2,4- Dinitrotoluene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
2,6- Dinitrotoluene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Di-N-Octyl-Phthalate, Total, (ug/l)	--	<40	<40	<40	<40	--	<20	<200	--	<20	<40
Fluoranthene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Fluorene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Hexachlorobenzene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Hexachlorobutadiene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Hexachlorocyclopentadiene, Total, (ug/l)	--	<40	<40	<40	<40	--	<20	<200	--	<20	<40
Hexachloroethane, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	--	<20	<20	<20	<20	--	<20	<200	--	<20	<40
Isophorone, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Naphthalene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Nitrobenzene, Total, (ug/l)	--	<40	<40	<40	<40	--	<20	<200	--	<20	<40
2-Nitrophenol, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
4-Nitrophenol, Total, (ug/l)	--	<100	<100	<100	<100	--	<100	<1000	--	<100	<40
N-Nitrosodiphenylamine, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
N-Nitrosodi-N-Propylamine, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Pentachlorophenol, Total, (ug/l)	--	<40	<40	<40	<40	--	<100	<1000	--	<100	<40
Phenanthrene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
Phenol, Total, (ug/l)	--	<10	10	10	24	--	<20	<200	--	<20	<40
Pyrene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<200
1,2,4-Trichlorobenzene, Total, (ug/l)	--	<10	<10	<10	<10	--	<20	<200	--	<20	<40
2,4,5- Trichlorophenol, Total, (ug/l)	--	<20	<20	<20	<20	--	<100	<1000	--	<100	<40
2,4,6- Trichlorophenol, Total, (ug/l)	--	<20	<20	<20	<20	--	<20	<200	--	<20	<40
N-Nitrosodimethylamine, Total, (ug/l)	--	--	--	--	--	--	<20	<200	--	<20	<40
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	<40
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--

Tempe SR-05
First Street and Ash Avenue

SR-05: First Street and Ash Avenue													
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05
Date of Sampling	8/25/93	11/11/93	11/11/93	11/13/93	12/15/93	12/15/93	1/25/94	1/25/94	2/7/94	2/7/94	3/7/94	3/7/94	3/19/94
First Flush (FF) - First Hour													
Second Flush (SF) - After first hour													
Full Event (FE)- No separate first/second flush samples	FE	FF	SF	FF	FF	SF	FF	SF	FF	SF	FF	SF	FF
Agency Collecting Sample	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE
Agency Analyzing Sample	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI
Drainage Area (acres) (DA)	155	155	155	155	155	155	155	155	155	155	155	155	155
Impervious Area (acres) (IA)	118	118	118	118	118	118	118	118	118	118	118	118	118
Land Use - Residential	3	3	3	3	3	3	3	3	3	3	3	3	3
Land Use - Commercial	82	82	82	82	82	82	82	82	82	82	82	82	82
Land Use - Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Use - Undeveloped	15	15	15	15	15	15	15	15	15	15	15	15	15
Sampling Duration (minutes)	255	90	180	335	75	180	70	180	60	180	505	180	65
Storm Duration (minutes) (DRN)	UA	UA	UA	365	105	105	55	55	290	290	245	245	375
Runoff Sampled (cubic feet) (RUN)	16,860	7,410	9,450	39,000	2,250	3,400	6,950	4,100	17,830	18,140	17,000	7,000	3,360
Total Storm Runoff (cubic feet)	UA	UA	UA	44,250	6,000	6,000	11,315	11,315	42,875	42,875	27,225	27,225	12,560
Instantaneous Discharge (cfs)	7.61	2.72	2.68	4.04	0.74	0.44	2.58	1.48	2.39	2.30	6.54	4.08	1.28
Preceding Dry Period (days) (ANT)	UA	UA	0	2	32	0	41	41	13	13	28	28	12
Total Storm Rainfall (inch)	UA	UA	UA	0.38	0.06	0.06	0.13	0.13	0.35	0.35	0.31	0.31	0.1
Rainfall Sampled (inch) (TRN)	0.19	0.15	0.04	0.39	0.06	0.02	0.13	0	0.28	0.06	0.22	0.11	0.05
Maximum 5-minute rain intensity (MAX5)	0.96	0.48	0.24	0.24	0.24	0.12	0.48	0	0.12	0.12	1.44	0.48	0.48
Sample Temperature (deg. C)	15	9.8	9.8	NM	NM	NM	8.4	8.4	6	7	NM	7	13.5
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	18	NM	21.4
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	--	--	--	--	--	--	--	--	--	--	--	--	7.4
pH, Lab (standard units)	7.02	7	7.1	--	7.3	--	7.2	7.4	7.8	7.8	--	6.8	6.6
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
BOD5 (mg/l)	71	95	49	--	124	123	127	127	17	13	30	20	52
COD High Level (mg/l)	470	370	139	--	500	430	500	330	110	63	220	140	340
Chloride (mg/l as Cl)	--	--	--	--	--	--	--	--	--	--	--	--	--
Cyanide Total (mg/l as Cn)	<0.01	--	--	<0.01	0.01	--	<0.01	--	<0.01	--	<0.01	--	<0.01
Fecal Coliform (CFU/100mL)	--	--	--	--	--	--	--	--	--	--	--	--	--
Fecal Streptococci (CFU/100mL)	--	--	--	--	--	--	--	--	--	--	--	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)	260	230	110	--	360	320	310	230	50	42	90	120	200
Residue, Total at 105 Deg. C (TSS) (mg/l)	550	160	30	--	130	70	240	65	60	32	190	35	140
Nitrogen No2 + No3, Total (mg/l as N)	1.8	1.8	0.81	--	6.6	3.3	4.6	2.8	0.49	0.31	0.52	0.74	1.4
TKN Nitrogen (mg/l as N)	13.6	6.7	5.3	--	13	9.5	17	13	2.8	2	3.8	3.3	6.9

SR-05: First Street and Ash Avenue													
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05
Date of Sampling	8/25/93	11/11/93	11/11/93	11/13/93	12/15/93	12/15/93	1/25/94	1/25/94	2/7/94	2/7/94	3/7/94	3/7/94	3/19/94
Nitrogen, Ammonia + Organic, Total (mg/l as N)	13.56	6.66	5.26	--	13.01	9.52	16.59	13.4	2.8	2.02	3.84	3.32	6.86
Nitrogen Nitrate Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)	1.2	1.2	0.57	--	0.9	0.66	1	0.8	0.33	0.28	0.45	0.29	0.53
Phosphorous Dissolved (mg/l as P)	0.5	0.53	0.4	--	1.1	0.21	0.4	0.35	0.22	0.14	0.07	0.11	0.11
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium Total (mg/l)	<0.08	<0.04	<0.36	--	<0.08	<0.08	<0.04	<0.04	--	<0.04	--	--	--
Phenols Total Recoverable (ug/l)	<20	--	--	270	50	--	40	--	20	--	15	--	40
Oil and Grease Total Recoverable (mg/l)	5	--	--	4	14	--	8	--	6	--	7	--	3
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Whole Field (mg/l as HCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Field (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity LAB (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	6	<5	<5	--	<5	<5	<5	<5	<5	<5	<5	<5	<5
Antimony Dissolved (ug/l as Sb)	--	--	--	--	--	<5	--	<5	--	<5	--	--	--
Arsenic Total (ug/l as As)	9	5	2	--	4	3	7	5	5	4	11	8	37
Arsenic Dissolved (ug/l as As)	--	--	--	--	--	2	--	5	--	3	--	--	--
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	0.4	<0.2	<0.2	--	<0.2	<0.2	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.2
Beryllium Dissolved (ug/l as Be)	--	--	--	--	--	<0.2	--	<0.2	--	<0.2	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	2.1	1.1	0.5	--	1.3	0.9	2.5	0.7	0.5	0.3	1	0.4	0.9
Cadmium Dissolved (ug/l as Cd)	--	--	--	--	--	0.7	--	0.7	--	0.2	--	--	--
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	19	8	1	--	6	7	10	4	4	1	6	2	8
Chromium Dissolved (ug/l as Cr)	--	--	--	--	--	3	--	4	--	1	--	--	--
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	25	46	24	--	60	48	67	41	17	11	30	19	42
Copper, Dissolved, (ug/l as Cu)	--	--	--	--	--	35	--	30	--	7	--	--	--
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	76	39	8	--	37	28	45	14	17	8	23	9	40
Lead, Dissolved, (ug/l as Pb)	--	--	--	--	--	6	--	4	--	3	--	--	--
Lithium, Dissolved, (ug/l as Li)	--	--	--	--	--	--	--	--	--	--	--	--	--

SR-05: First Street and Ash Avenue													
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05
Date of Sampling	8/25/93	11/11/93	11/11/93	11/13/93	12/15/93	12/15/93	1/25/94	1/25/94	2/7/94	2/7/94	3/7/94	3/7/94	3/19/94
Magnesium, Dissolved, (mg/l as Mg)	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	<0.2	<0.2	<0.2	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)	--	--	--	--	--	<0.2	--	<0.2	--	<0.2	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	12	24	6	--	29	20	30	13	8	<5	14	21	17
Nickel, Dissolved, (ug/l as Ni)	--	--	--	--	--	20	--	11	--	<5	--	--	--
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	76	<0.8	<0.8	--	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Selenium, Dissolved, (ug/l as Se)	--	--	--	--	--	<0.8	--	<0.8	--	<0.8	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	0.8	<0.2	<0.2	--	<0.2	<0.2	0.3	<0.2	2.2	0.3	<0.2	0.3	<0.2
Silver, Dissolved, (ug/l as Ag)	--	--	--	--	--	<0.2	--	<0.2	--	0.3	--	--	--
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	<1	<1	<1	--	<1	<1	<1	<1	<1	<1	<1	<1	<1
Thallium, Dissolved, (ug/l as Tl)	--	--	--	--	--	<1	--	<1	--	<1	--	--	--
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	155	248	93	--	356	245	402	181	90	64	165	85	224
Zinc, Dissolved, (ug/l as Zn)	--	--	--	--	--	199	--	159	--	61	--	--	--
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<0.5	<1.0	<1.0	--	<0.5	<0.5	<0.25	<0.5	<0.10	<0.05	<0.25	<0.25	<0.5
BHC - ALPHA, (ug/l)	<0.5	<1.0	<1.0	--	<0.5	<0.5	<0.25	<0.5	<0.10	<0.05	<0.25	<0.25	<0.5
BHC - Gamma (Lindane), (ug/l)	<0.5	<1.0	<1.0	--	<0.5	<0.5	<0.25	<0.5	<0.10	<0.05	<0.25	<0.25	<0.5
BHC - DELTA, (ug/l)	<0.5	<1.0	<1.0	--	<0.5	<0.5	<0.25	<0.5	<0.10	<0.05	<0.25	<0.25	<0.5
Aroclor 1016, PCB, Total, (ug/l)	<5.0	<10.0	<10.0	--	<5.0	<5.0	<2.5	<5.0	<1.0	<0.5	<2.5	<2.5	<5.0
Aroclor 1221, PCB, Total, (ug/l)	<5.0	<10.0	<10.0	--	<5.0	<5.0	<2.5	<5.0	<1.0	<0.5	<2.5	<2.5	<5.0
Aroclor 1232, PCB, Total, (ug/l)	<5.0	<10.0	<10.0	--	<5.0	<5.0	<2.5	<5.0	<1.0	<0.5	<2.5	<2.5	<5.0
Aroclor 1242, PCB, Total, (ug/l)	<5.0	<10.0	<10.0	--	<5.0	<5.0	<2.5	<5.0	<1.0	<0.5	<2.5	<2.5	<5.0
Aroclor 1248, PCB, Total, (ug/l)	<5.0	<10.0	<10.0	--	<5.0	<5.0	<2.5	<5.0	<1.0	<0.5	<2.5	<2.5	<5.0
Aroclor 1254, PCB, Total, (ug/l)	<5.0	<10.0	<10.0	--	<5.0	<5.0	<2.5	<5.0	<1.0	<0.5	<2.5	<2.5	<5.0
Aroclor 1260, PCB, Total, (ug/L)	<5.0	<10.0	<10.0	--	<5.0	<5.0	<2.5	<5.0	<1.0	<0.5	<2.5	<2.5	<5.0

SR-05: First Street and Ash Avenue													
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05
Date of Sampling	8/25/93	11/11/93	11/11/93	11/13/93	12/15/93	12/15/93	1/25/94	1/25/94	2/7/94	2/7/94	3/7/94	3/7/94	3/19/94
Chlordane, Total, (ug/l)	<5.0	<10.0	<10.0	--	<5.0	<5.0	<2.5	<5.0	<1.0	<0.5	<2.5	<2.5	<5.0
P,P' DDD, Total, (ug/l)	<1.0	<2.0	<2.0	--	<1.0	<1.0	<0.5	<1.0	<0.2	<0.1	<0.5	<0.5	<1.0
P,P' DDE, Total, (ug/l)	<1.0	<2.0	<2.0	--	<1.0	<1.0	<0.5	<1.0	<0.2	<0.1	<0.5	<0.5	<1.0
P, P' DDT, Total, (ug/l)	<1.0	<2.0	<2.0	--	<1.0	<1.0	<0.5	<1.0	<0.2	<0.1	<0.5	<0.5	<1.0
Dieldrin, Total, (ug/l)	<1.0	<2.0	<2.0	--	<1.0	<1.0	<0.5	<1.0	<0.2	<0.1	<0.5	<0.5	<1.0
Endo-Sulfan Alpha, Total, (ug/l)	<0.5	<1.0	<1.0	--	<0.5	<0.5	<0.25	<0.5	<0.10	<0.05	<0.25	<0.25	<0.5
Endo-Sulfan Beta, Total, (ug/l)	<1.0	<2.0	<2.0	--	<1.0	<1.0	<0.5	<1.0	<0.2	<0.1	<0.5	<0.5	<1.0
Endo-Sulfan Sulfate, Total, (ug/l)	<1.0	<2.0	<2.0	--	<1.0	<1.0	<0.5	<1.0	<0.2	<0.1	<0.5	<0.5	<1.0
Endrin Aldehyde, Total, (ug/l)	<1.0	<2.0	<2.0	--	<1.0	<1.0	<0.5	<1.0	<0.2	<0.1	<0.5	<0.5	<1.0
Endrin, Total, (ug/l)	<1.0	<2.0	<2.0	--	<1.0	<1.0	<0.5	<1.0	<0.2	<0.1	<0.5	<0.5	<1.0
Heptachlor, Total, (ug/l)	<0.5	<1.0	<1.0	--	<0.5	<0.5	<0.25	<0.5	<0.10	<0.05	<0.25	<0.25	<0.5
Heptachlor Epoxide, Total, (ug/l)	<0.5	<1.0	<1.0	--	<0.5	<0.5	<0.25	<0.5	<0.10	<0.05	<0.25	<0.25	<0.5
Toxaphene, Total, (ug/l)	<10.0	<20.0	<20.0	--	<10.0	<10.0	<5.0	<10.0	<2.0	<1.0	<5.0	<5.0	<10.0
Methoxychlor, Total, (ug/l)	<5.0	<10.0	<10.0	--	<5.0	<5.0	<2.5	<5.0	<1.0	<0.5	<2.5	<2.5	<5.0
Beta Benzene Hexachloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
1,1,1,2-Tetrachloroethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
1,1,1- Trichloroethane, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
1,1,2- Trichloroethane, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
Trichloroethene, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
1,1- Dichloroethane, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
1,1- Dichloroethene, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
1,2- Dichloroethane, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
1,2- Dichloropropane, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
2- Chloroethylvinyl Ether, Total, (ug/l)	<50	--	--	<100	<100	--	<10	--	<10	--	<10	--	<10
cis-1,3-Dichloropropene, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
trans-1,2- Dichloroethene, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,3- Dichloropropene, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
Benzene, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
Bromodichloromethane, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
Bromoform, Total, (ug/l)	<25	--	--	<50	<50	--	<5	--	<5	--	<5	--	<5
Carbon Tetrachloride, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
Chlorobenzene, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
Chloroethane, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
Chloroform, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
Ethyl-Benzene, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
Methylene Chloride, Total, (ug/l)	<25	--	--	<50	<50	--	<5	--	<5	--	<5	--	<5
Toluene, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
Trichlorofluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1

SR-05: First Street and Ash Avenue													
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05
Date of Sampling	8/25/93	11/11/93	11/11/93	11/13/93	12/15/93	12/15/93	1/25/94	1/25/94	2/7/94	2/7/94	3/7/94	3/7/94	3/19/94
Chlorodibromomethane, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone, Total, (ug/l)	<50	--	--	<100	<100	--	48	--	<10	--	<10	--	49
2-Butanone, (ug/l)	<50	--	--	<100	<100	--	<10	--	<10	--	<10	--	<10
Carbon Disulfide, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
1,2 Dichloroethene, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
Xylenes, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
2-Hexanone, Total, (ug/l)	<50	--	--	<100	<100	--	<10	--	<10	--	<10	--	<10
Styrene, Total, (ug/l)	<5	--	--	<10	<10	--	<1	--	<1	--	<1	--	<1
Acrolein, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Acenaphthylene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Anthracene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Benidine, Total, (ug/l)	<100	<500	<500	--	<200	<100	<200	<500	<100	<100	<100	<100	<100
Benzoic Acid, Total, (ug/l)	<50	<250	<250	--	1400	250	340	340	<50	<50	40	<50	34
Benzo (a) Anthracene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Benzo (b) Fluoranthene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	10	5	<10
Benzo (k) Fluoranthene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	5	<10	<10
Benzo (ghi) Perylene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Benzo (a) Pyrene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	6	<10	<10
Benzyl Alcohol, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	6	<10	7
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	<10	<50	420	--	<20	12	16	<50	19	9	13	8	14
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Butyl Benzyl Phthalate, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
2-Chloronaphthalene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
2-Chlorophenol, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Chrysene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	10	7	6
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	10	<10	<10
Di-N-Butyl Phthalate, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
1,3- Dichlorobenzene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10

SR-05: First Street and Ash Avenue													
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05
Date of Sampling	8/25/93	11/11/93	11/11/93	11/13/93	12/15/93	12/15/93	1/25/94	1/25/94	2/7/94	2/7/94	3/7/94	3/7/94	3/19/94
1,4- Dichlorobenzene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
1,2- Dichlorobenzene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
3,3'- Dichlorobenzidine, Total, (ug/l)	<20	<100	<100	--	<40	<20	<40	<100	<20	<20	<20	<20	<20
2,4- Dichlorophenol, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Diethyl Phthalate, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
2,4- Dimethylphenol, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Dimethyl Phthalate, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<50	<250	<250	--	<100	<50	<100	<250	<50	<50	<50	<50	<50
2,4- Dinitrophenol, Total, (ug/l)	<50	<250	<250	--	<100	<50	<100	<250	<50	<50	<50	<50	<50
2,4- Dinitrotoluene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
2,6- Dinitrotoluene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Di-N-Octyl-Phthalate, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	14	7	9	<10	<10
Fluoranthene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	18	14	9
Fluorene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Hexachlorobenzene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Hexachlorobutadiene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Hexachlorocyclopentadiene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Hexachloroethane, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Isophorone, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Naphthalene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Nitrobenzene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
2-Nitrophenol, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
4-Nitrophenol, Total, (ug/l)	<50	<250	<250	--	<100	<50	<100	<250	<50	<50	<50	<50	<50
N-Nitrosodiphenylamine, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
Pentachlorophenol, Total, (ug/l)	<50	<250	<250	--	<100	<50	<100	<250	<50	<50	<50	<50	<50
Phenanthrene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	6	7	<10
Phenol, Total, (ug/l)	<10	<50	<50	--	<20	20	<20	<50	<10	8	6	<10	14
Pyrene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	13	11	6
1,2,4- Trichlorobenzene, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
2,4,5- Trichlorophenol, Total, (ug/l)	<50	<250	<250	--	<100	<50	<100	<250	<50	<50	<50	<50	<50
2,4,6- Trichlorophenol, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
N-Nitrosodimethylamine, Total, (ug/l)	<10	<50	<50	--	<20	<10	<20	<50	<10	<10	<10	<10	<10
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--

SR-05: First Street and Ash Avenue													
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05
Date of Sampling	3/19/94	3/25/94	3/25/94	9/2/94	9/2/94	12/5/94	12/5/94	1/12/95	1/12/95	1/25/95	1/25/95	2/21/95	2/21/95
First Flush (FF) - First Hour													
Second Flush (SF) - After first hour													
Full Event (FE)- No separate first/second flush samples	SF	FF	SF	FF	SF	FF	SF	FF	SF	FF	SF	FF	SF
Agency Collecting Sample	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE
Agency Analyzing Sample	ATI	ATI	ATI	ATI	ATI	DEL MAR							
Drainage Area (acres) (DA)	155	155	155	155	155	155	155	155	155	155	155	155	155
Impervious Area (acres) (IA)	118	118	118	118	118	118	118	118	118	118	118	118	118
Land Use - Residential	3	3	3	3	3	3	3	3	3	3	3	3	3
Land Use - Commercial	82	82	82	82	82	82	82	82	82	82	82	82	82
Land Use - Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Use - Undeveloped	15	15	15	15	15	15	15	15	15	15	15	15	15
Sampling Duration (minutes)	185	110	185	90	175	220	185	65	180	75	185	165	185
Storm Duration (minutes) (DRN)	375	355	355	280	280	430	430	195	195	335	335	115	115
Runoff Sampled (cubic feet) (RUN)	3,660	10,420	31,790	75,800	760	9,720	11,610	4,050	13,080	5,290	1,810	10,265	1,265
Total Storm Runoff (cubic feet)	12,560	54,000	54,000	77,500	77,500	22,500	22,500	18,400	18,400	7,500	7,500	12,000	12,000
Instantaneous Discharge (cfs)	0.52	4.99	4.74	38.8	0.76	2.00	1.90	2.15	6.90	3.20	0.50	7.16	0.36
Preceding Dry Period (days) (ANT)	12	6	6	UA	UA	23	51	8	8	51	13	27	27
Total Storm Rainfall (inch)	0.1	0.7	0.7	0.76	0.76	0.32	0.32	0.25	0.25	0.03	0.03	0.2	0.2
Rainfall Sampled (inch) (TRN)	0.02	0.24	0.37	0.75	0.01	0.18	0.14	0.07	0.18	0.03	0	0.2	0
Maximum 5-minute rain intensity (MAX5)	0.12	0.48	0.48	2.88	0.12	0.12	0.12	0.48	0.84	0.12	0	1.44	0
Sample Temperature (deg. C)	13.2	10	10	16.4	14.4	10.6	NM	2.7	NM	3.2	3.4	9.3	9.4
Effluent Temperature (deg. C)	NM	17.5	NM	27.6	NM	NM	NM	NM	NM	14.9	NM	23	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	--	7.61	--	7.3	--	--	--	--	--	8	--	7.8	--
pH, Lab (standard units)	6.9	7.1	7	7.9	7.8	7.5	--	7.3	--	7.1	7.2	9	7.8
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
BOD5 (mg/l)	43	--	--	--	--	25	21	22	40	21	18	12	346
COD High Level (mg/l)	260	250	73	190	--	110	73	220	110	120	100	94	150
Chloride (mg/l as Cl)	--	--	--	--	--	--	--	--	--	--	--	--	--
Cyanide Total (mg/l as Cn)	--	<0.01	--	<0.01	--	<0.025	--	--	--	<0.025	--	<0.025	--
Fecal Coliform (CFU/100mL)	--	--	--	--	--	--	--	--	--	--	--	--	--
Fecal Streptococci (CFU/100mL)	--	--	--	--	--	--	--	--	--	--	--	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)	190	120	38	180	110	60	35	90	35	75	110	75	260
Residue, Total at 105 Deg. C (TSS) (mg/l)	42	220	52	110	10	26	16	47	12	33	21	24	15
Nitrogen No2 + No3, Total (mg/l as N)	1.4	0.64	0.18	1.7	2.2	0.64	0.6	0.46	0.73	0.39	0.47	1.1	1.34
TKN Nitrogen (mg/l as N)	6.2	4.6	1.5	5.7	3.1	2.11	1.76	4.2	3.9	1.9	2	0.53	1.29

SR-05: First Street and Ash Avenue													
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05
Date of Sampling	3/19/94	3/25/94	3/25/94	9/2/94	9/2/94	12/5/94	12/5/94	1/12/95	1/12/95	1/25/95	1/25/95	2/21/95	2/21/95
Nitrogen, Ammonia + Organic, Total (mg/l as N)	6.21	4.65	1.45	5.7	3.07	2.11	1.76	4.2	3.9	1.9	2	1.6	1.5
Nitrogen Nitrate Total (mg/l as N)	--	--	--	--	--	0.44	0.38	0.43	0.68	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	--	--	--	--	--	0.2	0.22	0.03	0.05	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)	--	--	--	--	--	<0.5	<0.50	1.9	1.3	--	--	--	--
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)	0.43	0.47	0.23	0.62	0.35	<0.05	0.19	0.13	<0.05	0.16	0.13	0.27	0.08
Phosphorous Dissolved (mg/l as P)	0.12	0.25	0.14	0.09	0.17	<0.05	<0.05	0.06	<0.05	<0.05	<0.05	0.07	<0.05
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	--	<20	--	<20	--	140	--	--	--	<50	--	<50	--
Oil and Grease Total Recoverable (mg/l)	--	7.4	--	2	--	<5.0	--	--	--	5.5	--	5.1	--
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Whole Field (mg/l as HCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Field (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity LAB (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	<5	<5	<5	<5	<5	<500	<500	<500	<500	<500	<500	<500	<500
Antimony Dissolved (ug/l as Sb)	--	--	<5	--	<5	--	<500	--	<500	--	<500	--	<500
Arsenic Total (ug/l as As)	34	6	2	16	7	<10	<10	<10	<10	<10	<10	<10	<10
Arsenic Dissolved (ug/l as As)	--	--	2	--	9	--	<10	--	<10	--	<10	--	<10
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	<0.2	<0.2	<0.2	<0.2	<0.2	<10	<10	<10	<10	<10	<10	<10	<10
Beryllium Dissolved (ug/l as Be)	--	--	<0.2	--	<0.2	--	<10	--	<10	--	<10	--	<10
Cadmium Total Recoverable (ug/l as Cd)	0.4	0.6	0.2	1.6	0.4	<5	<5	<5	<5	<5	<5	<5	<5
Cadmium Dissolved (ug/l as Cd)	--	--	<0.2	--	0.4	--	<5	--	<5	--	<5	--	<5
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	3	<1	1	3	1	<5	<5	<5	<5	<5	<5	<5	<5
Chromium Dissolved (ug/l as Cr)	--	--	1	--	<1	--	<5	--	<5	--	<5	--	<5
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	33	22	8	51	16	<50	<50	<50	<50	<50	<50	<50	<50
Copper, Dissolved, (ug/l as Cu)	--	--	8	--	14	--	<50	--	<50	--	<50	--	<50
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	15	26	9	44	7	10	6	10	<5	17	19	20	7
Lead, Dissolved, (ug/l as Pb)	--	--	<1	--	2	--	<5	--	<5	--	<5	--	5
Lithium, Dissolved, (ug/l as Li)	--	--	--	--	--	--	--	--	--	--	--	--	--

SR-05: First Street and Ash Avenue													
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05
Date of Sampling	3/19/94	3/25/94	3/25/94	9/2/94	9/2/94	12/5/94	12/5/94	1/12/95	1/12/95	1/25/95	1/25/95	2/21/95	2/21/95
Magnesium, Dissolved, (mg/l as Mg)	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)	--	--	<0.2	<0.2	<0.2	--	<0.2	--	<0.2	--	<0.2	--	<0.2
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	13	9	<5	20	<5	<50	<50	<50	<50	<50	<50	<50	<50
Nickel, Dissolved, (ug/l as Ni)	--	--	<5	--	<5	--	<50	--	<50	--	<50	--	<50
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	<0.8	<0.8	<0.8	<0.8	<0.8	<10	<10	<10	<10	<10	<10	<10	<10
Selenium, Dissolved, (ug/l as Se)	--	--	<0.8	--	<0.8	--	<10	--	<10	--	<10	--	<10
Silver, Total Recoverable, (ug/l as Ag)	<0.2	<0.2	<0.2	0.6	<0.2	<50	<50	<50	<50	<50	<50	64	<50
Silver, Dissolved, (ug/l as Ag)	--	--	<0.2	--	<0.2	--	<50	--	<50	--	<50	--	<50
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	<1	<1	<1	<1	<1	<50	<500	<500	<500	<500	<500	<500	<500
Thallium, Dissolved, (ug/l as Tl)	--	--	<1	--	<1	--	<500	--	<500	--	<500	--	<500
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	129	191	95	323	70	140	140	140	110	120	<50	160	81
Zinc, Dissolved, (ug/l as Zn)	--	--	24	--	58	--	94	--	68	--	<50	--	66
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<0.5	<0.25	<0.25	<0.25	<0.25	<0.1	<0.1	<0.1	<0.1	<0.10	<0.11	<0.10	<0.10
BHC - ALPHA, (ug/l)	<0.5	<0.25	<0.25	<0.25	<0.25	<0.05	<0.05	<0.05	<0.05	<0.050	<0.055	<0.050	<0.050
BHC - Gamma (Lindane), (ug/l)	<0.5	<0.25	<0.25	<0.25	<0.25	<0.05	<0.05	<0.05	<0.05	<0.050	<0.055	<0.050	<0.050
BHC - DELTA, (ug/l)	<0.5	<0.25	<0.25	<0.25	<0.25	<0.40	<0.40	<0.40	<0.40	<0.40	<0.44	<0.40	<0.40
Aroclor 1016, PCB, Total, (ug/l)	<5.0	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
Aroclor 1221, PCB, Total, (ug/l)	<5.0	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
Aroclor 1232, PCB, Total, (ug/l)	<5.0	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
Aroclor 1242, PCB, Total, (ug/l)	<5.0	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
Aroclor 1248, PCB, Total, (ug/l)	<5.0	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
Aroclor 1254, PCB, Total, (ug/l)	<5.0	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
Aroclor 1260, PCB, Total, (ug/L)	<5.0	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0

SR-05: First Street and Ash Avenue														
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	
Date of Sampling	3/19/94	3/25/94	3/25/94	9/2/94	9/2/94	12/5/94	12/5/94	1/12/95	1/12/95	1/25/95	1/25/95	2/21/95	2/21/95	
Chlordane, Total, (ug/l)	<5.0	<2.5	<2.5	<2.5	<2.5	<2.5	<0.15	<0.15	<0.15	<0.15	<0.15	<0.17	<0.15	<0.15
P,P' DDD, Total, (ug/l)	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.11	<0.10	<0.10
P,P' DDE, Total, (ug/l)	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.050	<0.055	<0.050	<0.050
P, P' DDT, Total, (ug/l)	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.11	<0.10	<0.10
Dieldrin, Total, (ug/l)	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.11	<0.10	<0.10
Endo-Sulfan Alpha, Total, (ug/l)	<0.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.15	<0.15	<0.15	<0.15	<0.15	<0.17	<0.15	<0.15
Endo-Sulfan Beta, Total, (ug/l)	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.11	<0.10	<0.10
Endo-Sulfan Sulfate, Total, (ug/l)	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.75	<0.75	<0.75	<0.75	<0.75	<0.83	<0.75	<0.75
Endrin Aldehyde, Total, (ug/l)	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.28	<0.25	<0.25
Endrin, Total, (ug/l)	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.10	<0.10	<0.10	<0.10	<0.10	<0.11	<0.10	<0.10
Heptachlor, Total, (ug/l)	<0.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.10	<0.10	<0.10	<0.11	<0.10	<0.10
Heptachlor Epoxide, Total, (ug/l)	<0.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.10	<0.10	<0.10	<0.11	<0.10	<0.10
Toxaphene, Total, (ug/l)	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.55	<0.50	<0.50
Methoxychlor, Total, (ug/l)	<5.0	<2.5	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.1	<1.0	<1.0
Beta Benzene Hexachloride, Total, (ug/l)	--	--	--	--	--	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	--	<1	--	<1	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
1,1,1,2-Tetrachloroethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	--	<1	--	<1	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
1,1,1- Trichloroethane, Total, (ug/l)	--	<1	--	<1	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
1,1,2- Trichloroethane, Total, (ug/l)	--	<1	--	<1	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
Trichloroethene, Total, (ug/l)	--	<1	--	<1	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
1,1- Dichloroethane, Total, (ug/l)	--	<1	--	<1	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
1,1- Dichloroethene, Total, (ug/l)	--	<1	--	<1	--	--	<5.0	--	--	--	<5.0	--	<5.0	--
1,2- Dichloroethane, Total, (ug/l)	--	<1	--	<1	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
1,2- Dichloropropane, Total, (ug/l)	--	<1	--	<1	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
2- Chloroethylvinyl Ether, Total, (ug/l)	--	<10	--	<10	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
cis-1,3-Dichloropropene, (ug/l)	--	<1	--	<1	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
trans-1,2- Dichloroethene, (ug/l)	--	--	--	--	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
trans-1,3- Dichloropropene, (ug/l)	--	<1	--	<1	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
Benzene, Total, (ug/l)	--	<1	--	<1	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
Bromodichloromethane, Total, (ug/l)	--	<1	--	<1	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
Bromoform, Total, (ug/l)	--	<5	--	<5	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
Carbon Tetrachloride, Total, (ug/l)	--	<1	--	<1	--	--	<5.0	--	--	--	<5.0	--	<5.0	--
Chlorobenzene, Total, (ug/l)	--	<1	--	<1	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
Chloroethane, (ug/l)	--	<1	--	<1	--	--	<5.0	--	--	--	<5.0	--	<5.0	--
Chloroform, Total, (ug/l)	--	<1	--	<1	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
Ethyl-Benzene, Total, (ug/l)	--	<1	--	<1	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
Methylene Chloride, Total, (ug/l)	--	<5	--	<5	--	--	<10	--	--	--	<10	--	<10	--
Toluene, Total, (ug/l)	--	<1	--	<1	--	--	<2.0	--	--	--	<2.0	--	<2.0	--
Trichlorofluoromethane, Total, (ug/l)	--	--	--	--	--	--	<5.0	--	--	--	<5.0	--	<5.0	--
Vinyl Chloride, Total, (ug/l)	--	<1	--	<1	--	--	<5.0	--	--	--	<5.0	--	<5.0	--

SR-05: First Street and Ash Avenue													
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05
Date of Sampling	3/19/94	3/25/94	3/25/94	9/2/94	9/2/94	12/5/94	12/5/94	1/12/95	1/12/95	1/25/95	1/25/95	2/21/95	2/21/95
Chlorodibromomethane, Total, (ug/l)	--	<1	--	<1	--	<2.0	--	--	--	<2.0	--	<2.0	--
4-Methyl, 2-Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone, Total, (ug/l)	--	13	--	14	--	<10	--	--	--	13	--	18	--
2-Butanone, (ug/l)	--	<10	--	<10	--	10	--	--	--	<10	--	<10	--
Carbon Disulfide, Total, (ug/l)	--	<1	--	<1	--	<5.0	--	--	--	<5.0	--	<5.0	--
1,2 Dichloroethene, Total, (ug/l)	--	<1	--	<1	--	<2.0	--	--	--	<2.0	--	<2.0	--
Xylenes, Total, (ug/l)	--	<1	--	<1	--	<2.0	--	--	--	<2.0	--	<2.0	--
2-Hexanone, Total, (ug/l)	--	<10	--	<10	--	<10	--	--	--	<10	--	<10	--
Styrene, Total, (ug/l)	--	<1	--	<1	--	<2.0	--	--	--	<2.0	--	<2.0	--
Acrolein, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphthylene, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Anthracene, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Ben-zidine, Total, (ug/l)	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Benzoic Acid, Total, (ug/l)	28	84	<50	<50	<50	<100	<100	<100	<100	<100	<100	<100	<100
Benzo (a) Anthracene, Total, (ug/l)	<10	6	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo (b) Fluoranthene, Total, (ug/l)	<10	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo (k) Fluoranthene, Total, (ug/l)	<10	13	6	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo (ghi) Perylene, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo (a) Pyrene, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzyl Alcohol, Total, (ug/l)	6	<10	<10	<10	<10	<20	<20	<20	<20	<20	<20	<20	<20
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	10	31	13	<10	<10	<20	<20	<20	<20	24	<20	24	<20
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Butyl Benzyl Phthalate, Total, (ug/l)	<10	<10	<10	<10	<10	<20	<20	<20	<20	<20	<20	<20	<20
2-Chloronaphthalene, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Chlorophenol, Total, (ug/l)	<10	<10	<10	<20	<20	<10	<10	<10	<10	<10	<10	<10	<10
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Chrysene, Total, (ug/l)	<10	10	6	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	<10	<10	<10	<10	<10	<20	<20	<20	<20	<20	<20	<20	<20
Di-N-Butyl Phthalate, Total, (ug/l)	<10	<10	<10	<10	<10	<20	<20	<20	<20	<20	<20	<20	<20
1,3-Dichlorobenzene, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

SR-05: First Street and Ash Avenue													
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05
Date of Sampling	3/19/94	3/25/94	3/25/94	9/2/94	9/2/94	12/5/94	12/5/94	1/12/95	1/12/95	1/25/95	1/25/95	2/21/95	2/21/95
1,4- Dichlorobenzene, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,2- Dichlorobenzene, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,3'- Dichlorobenzidine, Total, (ug/l)	<20	<20	<20	<20	<20	<40	<40	<40	<40	<40	<40	<40	<40
2,4- Dichlorophenol, Total, (ug/l)	<10	<10	<10	<20	<20	<10	<10	<10	<10	<10	<10	<10	<10
Diethyl Phthalate, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4- Dimethylphenol, Total, (ug/l)	<10	<10	<10	<20	<20	<10	<10	<10	<10	<20	<20	<20	<20
Dimethyl Phthalate, Total, (ug/l)	<10	<10	<10	<10	<10	<20	<20	<20	<20	<10	<10	<10	<10
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<50	<50	<50	<50	<50	<40	<40	<40	<40	<40	<40	<40	<40
2,4- Dinitrophenol, Total, (ug/l)	<50	<50	<50	<50	<50	<100	<100	<100	<100	<100	<100	<100	<100
2,4- Dinitrotoluene, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,6- Dinitrotoluene, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Di-N-Octyl-Phthalate, Total, (ug/l)	<10	<10	<10	<10	<10	<40	<40	<40	<40	<40	<40	<40	<40
Fluoranthene, Total, (ug/l)	<10	18	9	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluorene, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Hexachlorobenzene, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Hexachlorobutadiene, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Hexachlorocyclopentadiene, Total, (ug/l)	<10	<10	<10	<50	<50	<40	<40	<40	<40	<40	<40	<40	<40
Hexachloroethane, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<10	<10	<10	<10	<10	<20	<20	<20	<20	<20	<20	<20	<20
Isophorone, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Naphthalene, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Nitrobenzene, Total, (ug/l)	<10	<10	<10	<20	<20	<40	<40	<40	<40	<40	<40	<40	<40
2-Nitrophenol, Total, (ug/l)	<10	<10	<10	<20	<20	<10	<10	<10	<10	<10	<10	<10	<10
4-Nitrophenol, Total, (ug/l)	<50	<50	<50	<50	<50	<100	<100	<100	<100	<100	<100	<100	<100
N-Nitrosodiphenylamine, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pentachlorophenol, Total, (ug/l)	<50	<50	<50	<20	<20	<40	<40	<40	<40	<40	<40	<40	<40
Phenanthrene, Total, (ug/l)	<10	7	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Phenol, Total, (ug/l)	9	6	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pyrene, Total, (ug/l)	<10	13	7	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,2,4-Trichlorobenzene, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,5- Trichlorophenol, Total, (ug/l)	<50	<50	<50	<10	<10	<20	<20	<20	<20	<20	<20	<20	<20
2,4,6- Trichlorophenol, Total, (ug/l)	<10	<10	<10	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
N-Nitrosodimethylamine, Total, (ug/l)	<10	<10	<10	<10	<10	--	--	--	--	--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--

SR-05: First Street and Ash Avenue											
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05
Date of Sampling	8/14/95	8/19/95	9/28/95	2/1/96	2/26/96	3/13/96	7/25/96	8/19/96	9/4/96	1/13/97	2/27/97
First Flush (FF) - First Hour											
Second Flush (SF) - After first hour											
Full Event (FE)- No separate first/second flush samples	FE	FE	FE	FE	FE	FE	FE	FE	FE	FE	FE
Agency Collecting Sample	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE
Agency Analyzing Sample	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI
Drainage Area (acres) (DA)	155	155	155	155	155	155	155	155	155	155	155
Impervious Area (acres) (IA)	118	118	118	118	118	118	118	118	118	118	118
Land Use - Residential	3	3	3	3	3	3	3	3	3	3	3
Land Use - Commercial	82	82	82	82	82	82	82	82	82	82	82
Land Use - Industrial	0	0	0	0	0	0	0	0	0	0	0
Land Use - Undeveloped	15	15	15	15	15	15	15	15	15	15	15
Sampling Duration (minutes)	250	250	130	UA	155	140	300	265	270	290	UA
Storm Duration (minutes) (DRN)	50	180	UA	UA	255	300	UA	UA	UA	UA	UA
Runoff Sampled (cubic feet) (RUN)	82,080	29,100	24,160	UA	47,620	19,300	34,415	159,700	16,600	36,550	UA
Total Storm Runoff (cubic feet)	83,000	30,500	24,200	UA	47,740	19,350	36,900	159,700	18,000	42,250	UA
Instantaneous Discharge (cfs)	32.7	7.65	22.2	UA	9.31	3.22	7.3	78	10.1	4.91	UA
Preceding Dry Period (days) (ANT)	UA	5	21	UA	24	17		25	UA	UA	UA
Total Storm Rainfall (inch)	1.23	0.46	0.2	UA	0.62	0.23	0.43	1.48	0.16	0.46	UA
Rainfall Sampled (inch) (TRN)	1.23	0.46	0.2	UA	0.62	0.22	0.43	1.48	0.16	0.45	UA
Maximum 5-minute rain intensity (MAX5)	3	0.96	2.04	UA	0.96	0.36	0.72	3.48	0.96	0.48	UA
Sample Temperature (deg. C)	19.8	10.8	9.6	NM	5	13.5	15.8	11.7	20.8	9.1	12.5
Effluent Temperature (deg. C)	27.8	25.9	25.4	9.4	13.9	13.7	29.6	25.1	20.6	11.6	12.6
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	8.11	7.3	7	NM	8.4	7.3	6	9.5	7.7	8.5	6.98
pH, Lab (standard units)	7	7.7	7.3	7.3	6.8	7.2	6.3	7.5	6.8	7.8	7
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)	--	--	--	--	--	--	--	--	--	--	--
BOD5 (mg/l)	--	--	31	--	19	208	21	182	14	--	--
COD High Level (mg/l)	--	--	100	--	114	463	193	187	87	--	--
Chloride (mg/l as Cl)	--	--	--	--	--	--	--	--	--	--	--
Cyanide Total (mg/l as Cn)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fecal Coliform (CFU/100mL)	--	--	--	>16000	--	--	--	--	--	--	--
Fecal Streptococci (CFU/100mL)	--	--	--	>16000	--	--	--	--	--	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)	70	100	130	70	30	70	110	110	230	54	80
Residue, Total at 105 Deg. C (TSS) (mg/l)	62	48	76	52	53	28	67	160	14	33	80
Nitrogen No2 + No3, Total (mg/l as N)	2.5	1.1	1	0.5	0.5	<0.3	0.91	1	0.7	0.35	0.52
TKN Nitrogen (mg/l as N)	2.9	3.4	4.3	2.9	1.52	1.4	3.8	2.6	2.2	2.2	3.1

SR-05: First Street and Ash Avenue											
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05
Date of Sampling	8/14/95	8/19/95	9/28/95	2/1/96	2/26/96	3/13/96	7/25/96	8/19/96	9/4/96	1/13/97	2/27/97
Nitrogen, Ammonia + Organic, Total (mg/l as N)	2.9	3.4	4.3	2.9	1.52	1.4	3.8	2.6	2.44	2.2	3.14
Nitrogen Nitrate Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)	0.9	1.08	1.56	0.99	0.78	0.48	1.3	0.75	0.94	0.72	1.24
Nitrogen Organic Total (mg/l as N)	--	--	--	1.91	0.74	0.92	2.5	1.85	1.5	1.48	1.9
Phosphorous Total (mg/l as P)	0.27	0.31	0.41	0.43	0.29	0.28	0.39	0.46	0.31	0.31	0.34
Phosphorous Dissolved (mg/l as P)	0.13	0.11	0.15	0.19	0.16	<0.05	0.28	0.14	0.21	0.25	0.2
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium Total (mg/l)	--	--	<0.02	<0.04	<0.02	--	<0.04	<0.02	<0.02	<0.04	<0.02
Phenols Total Recoverable (ug/l)	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Oil and Grease Total Recoverable (mg/l)	<2	8	5	5	<2	3	3	<2	5	<2	13
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Whole Field (mg/l as HCO3)	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCO3)	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Field (mg/l as CO3)	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as CO3)	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCO3)	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCO3)	--	--	--	--	--	--	--	--	--	--	--
Alkalinity LAB (mg/l as CaCO3)	--	--	--	--	--	--	--	--	--	--	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Antimony Dissolved (ug/l as Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Arsenic Total (ug/l as As)	4	6	6	3	2	2	6	6	6	2	<1
Arsenic Dissolved (ug/l as As)	4	5	5	2	2	1	--	3	5	1	<1
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	<0.2	<0.2	0.2	<0.2	<0.2	<0.2	<0.2	0.4	<0.2	<0.2	<0.2
Beryllium Dissolved (ug/l as Be)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	--	<0.2	<0.2	<0.2	<0.2
Cadmium Total Recoverable (ug/l as Cd)	<0.2	<0.2	0.6	2.9	0.4	0.2	0.7	0.8	0.2	0.2	0.5
Cadmium Dissolved (ug/l as Cd)	<0.2	<0.2	0.3	1.9	0.2	<0.2	--	<0.2	<0.2	0.2	0.3
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	2	3	2	4	5	3	4	7	1	3	4
Chromium Dissolved (ug/l as Cr)	2	<1	<1	2	3	1	1	2	<1	1	2
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	17	16	26	11	12	11	11	27	9	9	16
Copper, Dissolved, (ug/l as Cu)	12	9	29	10	<10	10	14	13	11	7	12
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	7	6	12	9	9	5	9	23	4	6	9
Lead, Dissolved, (ug/l as Pb)	3	<1	3	2	1	<1	<1	2	1	1	2
Lithium, Dissolved, (ug/l as Li)	--	--	--	--	--	--	--	--	--	--	--

SR-05: First Street and Ash Avenue											
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05
Date of Sampling	8/14/95	8/19/95	9/28/95	2/1/96	2/26/96	3/13/96	7/25/96	8/19/96	9/4/96	1/13/97	2/27/97
Magnesium, Dissolved, (mg/l as Mg)	--	--	--	--	--	--	--	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)	--	--	--	--	--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	0.2	<0.2	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	15	9	8	<5	111	<5	<5	<5	<5	<5	<5
Nickel, Dissolved, (ug/l as Ni)	11	7	6	<5	<20	<5	<5	<5	<5	<5	<5
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Selenium, Dissolved, (ug/l as Se)	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Silver, Total Recoverable, (ug/l as Ag)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Silver, Dissolved, (ug/l as Ag)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Thallium, Dissolved, (ug/l as Tl)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	102	93	160	87	115	74	140	120	39	73	109
Zinc, Dissolved, (ug/l as Zn)	58	69	102	73	152	58	68	36	25	63	28
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<0.05	<0.05	<0.25	<0.25	<0.25	<0.05	<0.25	<0.25	<0.25	<0.25	<0.25
BHC - ALPHA, (ug/l)	<0.05	<0.05	<0.25	<0.25	<0.25	<0.05	<0.25	<0.25	<0.25	<0.25	<0.25
BHC - Gamma (Lindane), (ug/l)	<0.05	<0.05	<0.25	<0.25	<0.25	<0.05	<0.25	<0.25	<0.25	<0.25	<0.25
BHC - DELTA, (ug/l)	<0.05	<0.05	<0.25	<0.25	<0.25	<0.05	<0.25	<0.25	<0.25	<0.25	<0.25
Aroclor 1016, PCB, Total, (ug/l)	<0.5	<0.5	<2.5	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<2.5	<2.5
Aroclor 1221, PCB, Total, (ug/l)	<0.5	<0.5	<2.5	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<2.5	<2.5
Aroclor 1232, PCB, Total, (ug/l)	<0.5	<0.5	<2.5	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<2.5	<2.5
Aroclor 1242, PCB, Total, (ug/l)	<0.5	<0.5	<2.5	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<2.5	<2.5
Aroclor 1248, PCB, Total, (ug/l)	<0.5	<0.5	<2.5	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<2.5	<2.5
Aroclor 1254, PCB, Total, (ug/l)	<0.5	<0.5	<2.5	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<2.5	<2.5
Aroclor 1260, PCB, Total, (ug/L)	<0.5	<0.5	<2.5	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<2.5	<2.5

SR-05: First Street and Ash Avenue											
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05
Date of Sampling	8/14/95	8/19/95	9/28/95	2/1/96	2/26/96	3/13/96	7/25/96	8/19/96	9/4/96	1/13/97	2/27/97
Chlordane, Total, (ug/l)	<0.5	<0.5	<2.5	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<2.5	<2.5
P,P' DDD, Total, (ug/l)	<0.1	<0.1	<0.5	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
P,P' DDE, Total, (ug/l)	<0.1	<0.1	<0.5	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
P, P' DDT, Total, (ug/l)	<0.1	<0.1	<0.5	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
Dieldrin, Total, (ug/l)	<0.1	<0.1	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5
Endo-Sulfan Alpha, Total, (ug/l)	<0.05	<0.05	<0.25	<0.25	<0.25	<0.1	<0.25	<0.25	<0.25	<0.25	<0.25
Endo-Sulfan Beta, Total, (ug/l)	<0.1	<0.1	<0.5	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
Endo-Sulfan Sulfate, Total, (ug/l)	<0.1	<0.1	<0.5	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
Endrin Aldehyde, Total, (ug/l)	<0.1	<0.1	<0.5	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
Endrin, Total, (ug/l)	<0.1	<0.1	<0.5	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5
Heptachlor, Total, (ug/l)	<0.05	<0.05	<0.25	<0.25	<0.25	<0.05	<0.25	<0.25	<0.25	<0.25	<0.25
Heptachlor Epoxide, Total, (ug/l)	<0.05	<0.05	<0.25	<0.25	<0.25	<0.05	<0.25	<0.25	<0.25	<0.25	<0.25
Toxaphene, Total, (ug/l)	<1.0	<1.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0
Methoxychlor, Total, (ug/l)	<0.5	<0.5	<2.5	<2.5	<2.5	<0.5	<2.5	<2.5	<2.5	<2.5	<2.5
Beta Benzene Hexachloride, Total, (ug/l)	<0.05	<0.05	<0.25	<0.25	<0.25	<0.05	<0.25	<0.25	<0.25	<0.25	<0.25
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5
1,1,1,2-Tetrachloroethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<4	<40	<40	<4	<4	<4	<40	<4	<4	<4	<4
1,1,1- Trichloroethane, Total, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5
1,1,2- Trichloroethane, Total, (ug/l)	<4	<40	<40	<4	<4	<4	<40	<4	<4	<4	<4
Trichloroethene, Total, (ug/l)	<4	<40	<40	<4	<4	<4	<40	<4	<4	<4	<4
1,1- Dichloroethane, Total, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5
1,1- Dichloroethene, Total, (ug/l)	<4	<40	<40	<4	<4	<4	<40	<4	<4	<4	<4
1,2- Dichloroethane, Total, (ug/l)	--	--	--	<4	<4	<4	--	<4	<4	<4	<4
1,2- Dichloropropane, Total, (ug/l)	<4	<40	<40	<4	<4	<4	<40	<4	<4	<4	<4
2- Chloroethylvinyl Ether, Total, (ug/l)	<10	<100	<100	<10	<10	<10	<100	<10	<10	<10	<10
cis-1,3-Dichloropropene, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5
trans-1,2- Dichloroethene, (ug/l)	<5	<40	<40	<5	<5	<5	<40	<5	<5	<5	<5
trans-1,3- Dichloropropene, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5
Benzene, Total, (ug/l)	<4	<40	<40	<4	<4	<4	<40	<4	<4	<4	<4
Bromodichloromethane, Total, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5
Bromoform, Total, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5
Carbon Tetrachloride, Total, (ug/l)	<4	<40	<40	<4	<4	<4	<40	<4	<4	<4	<4
Chlorobenzene, Total, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5
Chloroethane, (ug/l)	<10	<100	<100	<10	<10	<10	<100	<10	<10	<10	<10
Chloroform, Total, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5
Ethyl-Benzene, Total, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5
Methylene Chloride, Total, (ug/l)	<4	<40	<40	<4	<4	<4	<40	<4	<4	<4	<4
Toluene, Total, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5
Trichlorofluoromethane, Total, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5
Vinyl Chloride, Total, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5

SR-05: First Street and Ash Avenue											
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05
Date of Sampling	8/14/95	8/19/95	9/28/95	2/1/96	2/26/96	3/13/96	7/25/96	8/19/96	9/4/96	1/13/97	2/27/97
Chlorodibromomethane, Total, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	--	--	--	--	--	--
Acetone, Total, (ug/l)	17	<100	<100	19	19	13	<100	<10	12	<10	<10
2-Butanone, (ug/l)	<10	<100	<100	<10	<10	<10	<100	<10	<10	<10	<10
Carbon Disulfide, Total, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5
1,2 Dichloroethene, Total, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5
Xylenes, Total, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5
2-Hexanone, Total, (ug/l)	<10	<100	<100	<10	<10	<10	<100	<10	<10	<10	<10
Styrene, Total, (ug/l)	<5	<50	<50	<5	<5	<5	<50	<5	<5	<5	<5
Acrolein, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	<10	<100	<100	<10	<10	<10	<100	<10	<10	<10	<10
Methyl Chloride, Total, (ug/l)	<10	<100	<100	<10	<10	<10	<100	<10	<10	<10	<10
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Acenaphthylene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Anthracene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Benidine, Total, (ug/l)	<200	<2000	<200	<50	<20	<200	<100	<200	<50	<50	<50
Benzoic Acid, Total, (ug/l)	<100	<1000	<100	<50	<40	<100	<100	<200	<50	<50	<50
Benzo (a) Anthracene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Benzo (b) Fluoranthene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Benzo (k) Fluoranthene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Benzo (ghi) Perylene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Benzo (a) Pyrene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Benzyl Alcohol, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Butyl Benzyl Phthalate, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
2-Chloronaphthalene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
2-Chlorophenol, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Chrysene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Di-N-Butyl Phthalate, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
1,3- Dichlorobenzene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10

SR-05: First Street and Ash Avenue											
Sampling Station Identification Number	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05	SR-05
Date of Sampling	8/14/95	8/19/95	9/28/95	2/1/96	2/26/96	3/13/96	7/25/96	8/19/96	9/4/96	1/13/97	2/27/97
1,4- Dichlorobenzene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
1,2- Dichlorobenzene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
3,3'- Dichlorobenzidine, Total, (ug/l)	<40	<400	<40	<10	<20	<40	<40	<40	<10	<10	<10
2,4- Dichlorophenol, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Diethyl Phthalate, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
2,4- Dimethylphenol, Total, (ug/l)	<20	<200	<20	<20	<40	<20	<20	<80	<20	<20	<20
Dimethyl Phthalate, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<100	<1000	<100	<10	<20	<100	<100	<40	<10	<10	<10
2,4- Dinitrophenol, Total, (ug/l)	<100	<1000	<100	<20	<40	<100	<100	<40	<20	<20	<20
2,4- Dinitrotoluene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
2,6- Dinitrotoluene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Di-N-Octyl-Phthalate, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Fluoranthene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Fluorene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Hexachlorobenzene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Hexachlorobutadiene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Hexachlorocyclopentadiene, Total, (ug/l)	<20	<200	<20	<50	<100	<20	<20	<40	<50	<50	<50
Hexachloroethane, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Isophorone, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Naphthalene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Nitrobenzene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
2-Nitrophenol, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
4-Nitrophenol, Total, (ug/l)	<100	<1000	<100	<10	<20	<100	<100	<40	<10	<10	<10
N-Nitrosodiphenylamine, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Pentachlorophenol, Total, (ug/l)	<100	<1000	<100	<10	<20	<100	<100	<40	<10	<10	<10
Phenanthrene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Phenol, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
Pyrene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<200	<10	<10	<10
1,2,4-Trichlorobenzene, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
2,4,5- Trichlorophenol, Total, (ug/l)	<100	<1000	<100	<10	<20	<100	<100	<40	<10	<10	<10
2,4,6- Trichlorophenol, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
N-Nitrosodimethylamine, Total, (ug/l)	<20	<200	<20	<10	<20	<20	<20	<40	<10	<10	<10
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	--	--	--	<40	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--

Tempe SR-08
Dorsey and University Drive

SR-08: Dorsey and University Drive													
Sampling Station Identification Number	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08
Date of Sampling	8/25/93	9/13/93	9/13/93	11/12/93	11/12/93	3/7/94	3/25/94	3/25/94	4/26/94	4/26/94	5/25/94	5/25/94	8/8/94
First Flush (FF) - First Hour													
Second Flush (SF) - After first hour													
Full Event (FE)- No separate first/second flush samples	FE	FF	SF	FF	SF	SF	FF	SF	FF	SF	FF	SF	FF
Agency Collecting Sample	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE
Agency Analyzing Sample	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI	ATI
Drainage Area (acres) (DA)	34	34	34	34	34	34	34	34	34	34	34	34	34
Impervious Area (acres) (IA)	12	12	12	12	12	12	12	12	12	12	12	12	12
Land Use - Residential	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Use - Commercial	27	27	27	27	27	27	27	27	27	27	27	27	27
Land Use - Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Use - Undeveloped	73	73	73	73	73	73	73	73	73	73	73	73	73
Sampling Duration (minutes)	255	35	215	60	185	255	120	180	85	185	85	190	60
Storm Duration (minutes) (DRN)	160	10	10	0	0	200	470	470	175	175	70	70	15
Runoff Sampled (cubic feet) (RUN)	13,890	2,890	13,630	16,610	13,560	10,230	1,625	44,975	7,025	2,070	1,230	10,240	6,320
Total Storm Runoff (cubic feet)	17,000	19,700	19,700	350,000	350,000	24,500	74,100	74,100	13,400	13,400	13,700	13,700	30,000
Instantaneous Discharge (cfs)	2.10	2.68	2.69	6.12	2.76	1.74	1.36	5.56	2.63	0.71	0.84	1.84	3.41
Preceding Dry Period (days) (ANT)	UD	19	19	60	60	28	18	18	32	32	29	29	75
Total Storm Rainfall (inch)	0.12	0.12	0.12	0	0	0.15	0.52	0.52	0.11	0.11	0.11	0.11	0.11
Rainfall Sampled (inch) (TRN)	0.12	0.12	0	0	0	0.15	0.17	0.27	0.08	0	0.11	0	0.11
Maximum 5-minute rain intensity (MAX5)	0.36	0.84	0	0	0	0.84	0.48	0.36	0.24	0	0.12	0	0.72
Sample Temperature (deg. C)	13.3	4	4	4	4	6.3	10	10	10	10	11.8	12.9	13.7
Effluent Temperature (deg. C)	28	29.5	NM	18.3	NM	NM	16.5	NM	18.7	NM	NM	NM	29.8
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	7.1	6.85	--	6	--	--	7.56	--	7	--	7.3	--	7
pH, Lab (standard units)	7.4	7.7	7.6	7.4	7.9	7.5	7.6	7.3	7.1	7.3	7.6	7.3	7.5
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
BOD5 (mg/l)	24	76	70	--	--	47	--	--	53	25	34	52	52
COD High Level (mg/l)	130	300	390	194	155	270	160	160	310	27	200	270	330
Chloride (mg/l as Cl)	--	--	--	--	--	--	--	--	--	--	--	--	--
Cyanide Total (mg/l as Cn)	<0.01	<0.01	--	<0.01	--	--	<0.01	--	<0.01	--	<0.01	--	<0.01
Fecal Coliform (CFU/100mL)	--	--	--	--	--	--	--	--	--	--	--	--	--
Fecal Streptococci (CFU/100mL)	--	--	--	--	--	--	--	--	--	--	--	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)	260	240	280	150	760	180	320	96	260	120	450	280	350
Residue, Total at 105 Deg. C (TSS) (mg/l)	50	380	170	130	70	150	84	140	120	30	80	60	200
Nitrogen No2 + No3, Total (mg/l as N)	0.91	1.7	1.8	0.91	1	1.29	1.4	0.58	1.36	0.67	1.69	1.83	1.4
TKN Nitrogen (mg/l as N)	3.9	6.6	8.5	4.5	3.8	5.4	4.4	3.2	7.8	3.7	7.4	7.6	5.5

SR-08: Dorsey and University Drive													
Sampling Station Identification Number	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08
Date of Sampling	8/25/93	9/13/93	9/13/93	11/12/93	11/12/93	3/7/94	3/25/94	3/25/94	4/26/94	4/26/94	5/25/94	5/25/94	8/8/94
Nitrogen, Ammonia + Organic, Total (mg/l as N)	3.91	6.58	8.54	4.51	3.84	5.39	4.35	3.18	7.84	3.71	7.42	8.21	5.5
Nitrogen Nitrate Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)	0.36	1.1	0.8	0.98	0.51	0.69	0.48	0.48	0.82	0.43	0.76	0.69	1
Phosphorous Dissolved (mg/l as P)	0.26	0.35	0.25	--	--	0.22	0.33	0.28	<0.05	<0.05	0.49	0.5	0.35
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium Total (mg/l)	<0.04	<0.04	<0.04	--	--	--	--	--	--	--	--	--	<0.04
Phenols Total Recoverable (ug/l)	<20	30	--	30	--	--	20	--	20	--	70	--	<20
Oil and Grease Total Recoverable (mg/l)	3	2	--	<2	--	--	7.6	--	<2	--	17	--	3
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Whole Field (mg/l as HCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Field (mg/l as CO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as CO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity LAB (mg/l as CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Antimony Dissolved (ug/l as Sb)	--	--	--	--	--	<5	--	<5	--	<5	--	<5	--
Arsenic Total (ug/l as As)	7	3	3	4	2	5	3	2	4	2	5	4	7
Arsenic Dissolved (ug/l as As)	--	--	--	--	--	3	--	1	--	1	--	3	--
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	<0.2	0.3	<0.2	0.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.3
Beryllium Dissolved (ug/l as Be)	--	--	--	--	--	<0.2	--	<0.2	--	<0.2	--	<0.2	--
Cadmium Total Recoverable (ug/l as Cd)	0.5	1.3	1.5	1.7	1	0.9	0.4	0.5	1	0.5	0.6	0.5	1.5
Cadmium Dissolved (ug/l as Cd)	--	--	--	--	--	0.3	--	<0.2	--	0.3	--	0.4	--
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	1	13	3	8	5	6	<1	<1	6	3	<1	2	11
Chromium Dissolved (ug/l as Cr)	--	--	--	--	--	3	--	<1	--	<1	--	<1	--
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	83	74	105	57	35	45	18	19	61	22	39	40	63
Copper, Dissolved, (ug/l as Cu)	--	--	--	--	--	21	--	7	--	12	--	36	--
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	24	79	39	46	16	20	19	17	30	11	21	13	52
Lead, Dissolved, (ug/l as Pb)	--	--	--	--	--	3	--	2	--	4	--	9	--
Lithium, Dissolved, (ug/l as Li)	--	--	--	--	--	--	--	--	--	--	--	--	--

SR-08: Dorsey and University Drive													
Sampling Station Identification Number	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08
Date of Sampling	8/25/93	9/13/93	9/13/93	11/12/93	11/12/93	3/7/94	3/25/94	3/25/94	4/26/94	4/26/94	5/25/94	5/25/94	8/8/94
Magnesium, Dissolved, (mg/l as Mg)	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)	--	--	--	--	--	<0.2	--	<0.2	--	<0.2	--	<0.2	--
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	37	23	25	13	9	26	<5	<5	15	12	13	14	<20
Nickel, Dissolved, (ug/l as Ni)	--	--	--	--	--	12	--	<5	--	<5	--	14	--
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<2
Selenium, Dissolved, (ug/l as Se)	--	--	--	--	--	<0.8	--	<0.8	--	<0.8	--	<0.8	--
Silver, Total Recoverable, (ug/l as Ag)	0.3	0.4	0.4	<0.2	<0.2	0.4	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.3
Silver, Dissolved, (ug/l as Ag)	--	--	--	--	--	<0.2	--	<0.2	--	<0.2	--	<0.2	--
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Thallium, Dissolved, (ug/l as Tl)	--	--	--	--	--	<1	--	<1	--	<1	--	<1	--
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	433	485	490	296	124	238	197	208	337	152	278	280	540
Zinc, Dissolved, (ug/l as Zn)	--	--	--	--	--	136	--	74	--	96	--	235	--
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<0.05	<2.5	<0.05	<0.5	<0.5	<0.5	<0.25	<0.05	<0.5	<0.25	<0.05	<0.05	<1.0
BHC - ALPHA, (ug/l)	<0.05	<2.5	<0.05	<0.5	<0.5	<0.5	<0.25	<0.05	<0.5	<0.25	<0.05	<0.05	<1.0
BHC - Gamma (Lindane), (ug/l)	<0.05	<2.5	<0.05	<0.5	<0.5	<0.5	<0.25	<0.05	<0.5	<0.25	<0.05	<0.05	<1.0
BHC - DELTA, (ug/l)	<0.05	<2.5	<0.05	<0.5	<0.5	<0.5	<0.25	<0.05	<0.5	<0.25	<0.05	<0.05	<1.0
Aroclor 1016, PCB, Total, (ug/l)	<0.5	<25.0	<0.5	<5.0	<5.0	<5.0	<2.5	<0.5	<5.0	<2.5	<0.5	<0.5	<10.0
Aroclor 1221, PCB, Total, (ug/l)	<0.5	<25.0	<0.5	<5.0	<5.0	<5.0	<2.5	<0.5	<5.0	<2.5	<0.5	<0.5	<10.0
Aroclor 1232, PCB, Total, (ug/l)	<0.5	<25.0	<0.5	<5.0	<5.0	<5.0	<2.5	<0.5	<5.0	<2.5	<0.5	<0.5	<10.0
Aroclor 1242, PCB, Total, (ug/l)	<0.5	<25.0	<0.5	<5.0	<5.0	<5.0	<2.5	<0.5	<5.0	<2.5	<0.5	<0.5	<10.0
Aroclor 1248, PCB, Total, (ug/l)	<0.5	<25.0	<0.5	<5.0	<5.0	<5.0	<2.5	<0.5	<5.0	<2.5	<0.5	<0.5	<10.0
Aroclor 1254, PCB, Total, (ug/l)	<0.5	<25.0	<0.5	<5.0	<5.0	<5.0	<2.5	<0.5	<5.0	<2.5	<0.5	<0.5	<10.0
Aroclor 1260, PCB, Total, (ug/L)	<0.5	<25.0	<0.5	<5.0	<5.0	<5.0	<2.5	<0.5	<5.0	<2.5	<0.5	<0.5	<10.0

SR-08: Dorsey and University Drive													
Sampling Station Identification Number	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08
Date of Sampling	8/25/93	9/13/93	9/13/93	11/12/93	11/12/93	3/7/94	3/25/94	3/25/94	4/26/94	4/26/94	5/25/94	5/25/94	8/8/94
Chlordane, Total, (ug/l)	<0.5	<25.0	<0.5	<5.0	<5.0	<5.0	<2.5	<0.5	<5.0	<2.5	<0.5	<0.5	<10.0
P,P' DDD, Total, (ug/l)	<0.1	<5.0	<0.1	<1.0	<1.0	<1.0	<0.5	<0.1	<1.0	<0.5	<0.1	<0.1	<2.0
P,P' DDE, Total, (ug/l)	<0.1	<5.0	<0.1	<1.0	<1.0	<1.0	<0.5	<0.1	<1.0	<0.5	<0.1	<0.1	<2.0
P, P' DDT, Total, (ug/l)	<0.1	<5.0	<0.1	<1.0	<1.0	<1.0	<0.5	<0.1	<1.0	<0.5	<0.1	<0.1	<2.0
Dieldrin, Total, (ug/l)	<0.1	<5.0	<0.1	<1.0	<1.0	<1.0	<0.5	<0.1	<1.0	<0.5	<0.1	<0.1	<2.0
Endo-Sulfan Alpha, Total, (ug/l)	<0.05	<2.5	<0.05	<0.5	<0.5	<0.5	<0.25	<0.05	<0.5	<0.25	<0.05	<0.05	<1.0
Endo-Sulfan Beta, Total, (ug/l)	<0.1	<5.0	<0.1	<1.0	<1.0	<1.0	<0.5	<0.1	<1.0	<0.5	<0.1	<0.1	<2.0
Endo-Sulfan Sulfate, Total, (ug/l)	<0.1	<5.0	<0.1	<1.0	<1.0	<1.0	<0.5	<0.1	<1.0	<0.5	<0.1	<0.1	<2.0
Endrin Aldehyde, Total, (ug/l)	<0.1	<5.0	<0.1	<1.0	<1.0	<1.0	<0.5	<0.1	<1.0	<0.5	<0.1	<0.1	<2.0
Endrin, Total, (ug/l)	<0.1	<5.0	<0.1	<1.0	<1.0	<1.0	<0.5	<0.1	<1.0	<0.5	<0.1	<0.1	<2.0
Heptachlor, Total, (ug/l)	<0.05	<2.5	<0.05	<0.5	<0.5	<0.5	<0.25	<0.05	<0.5	<0.25	<0.05	<0.05	<1.0
Heptachlor Epoxide, Total, (ug/l)	<0.05	<2.5	<0.05	<0.5	<0.5	<0.5	<0.25	<0.05	<0.5	<0.25	<0.05	<0.05	<1.0
Toxaphene, Total, (ug/l)	<1.0	<50.0	<1.0	<10.0	<10.0	<10.0	<5.0	<1.0	<10.0	<5.0	<1.0	<1.0	<20.0
Methoxychlor, Total, (ug/l)	<0.5	<25.0	<0.5	<5.0	<5.0	<5.0	<2.5	<0.5	<5.0	<2.5	<0.5	<0.5	<10.0
Beta Benzene Hexachloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
1,1,1,2-Tetrachloroethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
1,1,1- Trichloroethane, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
1,1,2- Trichloroethane, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
Trichloroethene, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
1,1- Dichloroethane, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
1,1- Dichloroethene, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
1,2- Dichloroethane, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
1,2- Dichloropropane, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
2- Chloroethylvinyl Ether, Total, (ug/l)	<50	<50	--	<100	--	--	<10	--	<100	--	<100	--	<100
cis-1,3-Dichloropropene, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
trans-1,2- Dichloroethene, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,3- Dichloropropene, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
Benzene, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
Bromodichloromethane, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
Bromoform, Total, (ug/l)	<25	<25	--	<50	--	--	<5	--	<50	--	<50	--	<50
Carbon Tetrachloride, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
Chlorobenzene, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
Chloroethane, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
Chloroform, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
Ethyl-Benzene, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
Methylene Chloride, Total, (ug/l)	<25	<25	--	<50	--	--	<5	--	<50	--	<50	--	<50
Toluene, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
Trichlorofluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10

SR-08: Dorsey and University Drive													
Sampling Station Identification Number	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08
Date of Sampling	8/25/93	9/13/93	9/13/93	11/12/93	11/12/93	3/7/94	3/25/94	3/25/94	4/26/94	4/26/94	5/25/94	5/25/94	8/8/94
Chlorodibromomethane, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone, Total, (ug/l)	<50	60	--	<100	--	--	36	--	<100	--	<100	--	<100
2-Butanone, (ug/l)	<50	<50	--	<100	--	--	<10	--	<100	--	<100	--	<100
Carbon Disulfide, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
1,2 Dichloroethene, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
Xylenes, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
2-Hexanone, Total, (ug/l)	<50	<50	--	<100	--	--	<10	--	<100	--	<100	--	<100
Styrene, Total, (ug/l)	<5	<5	--	<10	--	--	<1	--	<10	--	<10	--	<10
Acrolein, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Acenaphthylene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Anthracene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Benizidine, Total, (ug/l)	<100	<200	<200	<100	<100	<200	<100	<100	<100	<100	<100	<100	<500
Benzoic Acid, Total, (ug/l)	<50	36	54	<50	<50	54	78	<50	<50	<50	15	29	<250
Benzo (a) Anthracene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Benzo (b) Fluoranthene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Benzo (k) Fluoranthene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Benzo (ghi) Perylene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Benzo (a) Pyrene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Benzyl Alcohol, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	<10	<20	<20	42	<10	13	18	9	11	<10	2	3	<50
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Butyl Benzyl Phthalate, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
2-Chloronaphthalene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
2-Chlorophenol, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Chrysenes, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Di-N-Butyl Phthalate, Total, (ug/l)	<10	<20	<20	55	<10	<20	<10	<10	<10	<10	<10	<10	<50
1,3- Dichlorobenzene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50

SR-08: Dorsey and University Drive													
Sampling Station Identification Number	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08
Date of Sampling	8/25/93	9/13/93	9/13/93	11/12/93	11/12/93	3/7/94	3/25/94	3/25/94	4/26/94	4/26/94	5/25/94	5/25/94	8/8/94
1,4- Dichlorobenzene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
1,2- Dichlorobenzene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
3,3'- Dichlorobenzidine, Total, (ug/l)	<20	<40	<40	<20	<20	<40	<20	<20	<20	<20	<20	<20	<100
2,4- Dichlorophenol, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Diethyl Phthalate, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
2,4- Dimethylphenol, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Dimethyl Phthalate, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<50	<100	<100	<50	<50	<100	<50	<50	<50	<50	<50	<50	<250
2,4- Dinitrophenol, Total, (ug/l)	<50	<100	<100	<50	<50	<100	<50	<50	<50	<50	<50	<50	<250
2,4- Dinitrotoluene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
2,6- Dinitrotoluene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Di-N-Octyl-Phthalate, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Fluoranthene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Fluorene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Hexachlorobenzene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Hexachlorobutadiene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Hexachlorocyclopentadiene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Hexachloroethane, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Isophorone, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Naphthalene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Nitrobenzene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
2-Nitrophenol, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
4-Nitrophenol, Total, (ug/l)	<50	<100	<100	<50	<50	<100	<50	<50	<50	<50	<50	<50	<250
N-Nitrosodiphenylamine, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Pentachlorophenol, Total, (ug/l)	<50	<100	<100	<50	<50	<100	<50	<50	<50	<50	<50	<50	<250
Phenanthrene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Phenol, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
Pyrene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
1,2,4-Trichlorobenzene, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
2,4,5- Trichlorophenol, Total, (ug/l)	<50	<100	<100	<50	<50	<100	<50	<50	<50	<50	<50	<50	<250
2,4,6- Trichlorophenol, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
N-Nitrosodimethylamine, Total, (ug/l)	<10	<20	<20	<10	<10	<20	<10	<10	<10	<10	<10	<10	<50
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--

SR-08: Dorsey and University Drive													
Sampling Station Identification Number	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08
Date of Sampling	8/8/94	12/5/94	1/12/95	1/12/95	1/25/95	1/25/95	2/21/95	2/21/95	8/14/95	8/19/95	9/7/95	2/1/96	2/25/96
First Flush (FF) - First Hour													
Second Flush (SF) - After first hour													
Full Event (FE)- No separate first/second flush samples	SF	FE	FF	SF	FF	SF	FF	SF	FE	FE	FE	FE	FE
Agency Collecting Sample	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE	TEMPE
Agency Analyzing Sample	ATI	DEL MAR	ATI	ATI	ATI	ATI	ATI						
Drainage Area (acres) (DA)	34	34	34	34	34	34	34	34	34	34	34	34	34
Impervious Area (acres) (IA)	12	12	12	12	12	12	12	12	12	12	12	12	12
Land Use - Residential	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Use - Commercial	27	27	27	27	27	27	27	27	27	27	27	27	27
Land Use - Industrial	0	0	0	0	0	0	0	0	0	0	0	0	0
Land Use - Undeveloped	73	73	73	73	73	73	73	73	73	73	73	73	73
Sampling Duration (minutes)	190	280	80	180	120	185	75	190	250	250	265	UA	150
Storm Duration (minutes) (DRN)	15	465	200	200	210	210	80	80	UA	UA	UA	UA	255
Runoff Sampled (cubic feet) (RUN)	13,270	29,950	60	16,950	36,840	35,830	31	3,330	31,770	559,000	51,000	UA	113,800
Total Storm Runoff (cubic feet)	30,000	38,000	22,700	22,700	85,500	85,500	7,600	7,600	UA	UA	UA	UA	124,800
Instantaneous Discharge (cfs)	3.99	2.66	0.078	4.44	16.4	14.6	0.036	0.50	11.4	97.3	9.81	UA	28.8
Preceding Dry Period (days) (ANT)	75	UA	7	7	13	13	9	9	UA	5	19	UA	24
Total Storm Rainfall (inch)	0.11	0.34	0.22	0.22	0.19	0.19	0.06	0.06	UA	UA	UA	UA	0.46
Rainfall Sampled (inch) (TRN)	0	0.24	0.04	0.18	0.13	0.06	0.04	0	0.52	0.45	0.14	UA	0.46
Maximum 5-minute rain intensity (MAX5)	0	0.24	0.12	0.84	0.96	0.48	0.24	0	2.04	0.84	0.24	UA	0.72
Sample Temperature (deg. C)	16.1	NM	6.7	6.7	6.5	6.5	9.2	9.2	12.7	10.5	18.3	11.7	5
Effluent Temperature (deg. C)	NM	NM	NM	NM	16.4	16.4	23	23	24.1	26.8	23.9	NM	14
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	--	--	--	--	8.2	8.2	8.3	--	7.34	7.33	7.05	7.2	8.2
pH, Lab (standard units)	7.4	--	7.5	7.5	7.6	7.6	7.5	7.3	7.4	8.07	7.4	7.8	6.9
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)	--	--	--	--	--	--	--	--	--	--	--	--	--
BOD5 (mg/l)	60	32	37	27	24	11	34	39	--	--	15	183	26
COD High Level (mg/l)	380	130	160	160	130	73	370	230	--	--	80	490	125
Chloride (mg/l as Cl)	--	--	--	--	--	--	--	--	--	--	--	--	--
Cyanide Total (mg/l as Cn)	--	<0.025	<0.025	--	<0.025	--	<0.025	--	<0.01	<0.01	<0.01	<0.01	0.01
Fecal Coliform (CFU/100mL)	--	--	--	--	--	--	--	--	--	--	--	--	--
Fecal Streptococci (CFU/100mL)	--	--	--	--	--	--	--	--	--	--	--	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)	310	140	280	170	110	65	540	440	150	100	80	100	70
Residue, Total at 105 Deg. C (TSS) (mg/l)	220	42	33	190	290	66	100	140	150	160	40	220	74
Nitrogen No2 + No3, Total (mg/l as N)	2.3	1.17	0.83	0.86	0.66	0.5	2.32	2.06	1.3	1.7	0.6	1.1	0.8
TKN Nitrogen (mg/l as N)	7.5	2.97	4.8	4.4	3.1	1.5	0.5	0.32	5	3.8	2.8	3.9	2.8

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Sampling Station Identification Number	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08
Date of Sampling	8/8/94	12/5/94	1/12/95	1/12/95	1/25/95	1/25/95	2/21/95	2/21/95	8/14/95	8/19/95	9/7/95	2/1/96	2/25/96
Nitrogen, Ammonia + Organic, Total (mg/l as N)	7.48	2.97	4.8	4.4	3.1	2.1	2.9	0.41	5	3.8	2.8	3.9	2.8
Nitrogen Nitrate Total (mg/l as N)	--	0.95	0.65	0.78	0.61	0.48	--	--	--	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	--	0.22	0.18	0.08	0.05	0.02	--	--	--	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)	--	<0.05	2.1	1.6	1.1	2.1	--	--	1.64	1.34	0.99	1.64	1.24
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	2.26	1.56
Phosphorous Total (mg/l as P)	1.1	0.23	0.12	<0.05	0.66	0.23	0.37	0.63	0.51	0.49	0.34	0.54	0.43
Phosphorous Dissolved (mg/l as P)	0.24	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.15	0.27	0.17	0.15	0.21	0.22
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium Total (mg/l)	--	<0.025	--	--	--	--	--	--	<0.04	--	--	<0.04	<0.02
Phenols Total Recoverable (ug/l)	--	140	<50	--	<50	--	90	--	<20	<20	<20	20	40
Oil and Grease Total Recoverable (mg/l)	--	6.7	--	--	<5	--	7	--	4	<2	6	6	3
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Whole Field (mg/l as HCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Field (mg/l as CO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as CO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity LAB (mg/l as CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	<5	<500	<5	<500	<500	<500	<500	<500	<5	<5	<5	<5	<5
Antimony Dissolved (ug/l as Sb)	<5	--	--	<500	--	<500	--	<500	<5	<5	<5	<5	<5
Arsenic Total (ug/l as As)	6	<10	<10	<10	<10	<10	<10	<10	4	3	3	4	2
Arsenic Dissolved (ug/l as As)	5	--	--	<10	--	<10	--	<10	2	2	2	1	1
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	0.4	<10	<10	<10	<10	<10	<10	<10	0.3	0.5	<0.2	0.3	<0.2
Beryllium Dissolved (ug/l as Be)	<0.2	--	--	<10	--	<10	--	<10	<0.2	0.2	<0.2	<0.2	<0.2
Cadmium Total Recoverable (ug/l as Cd)	2.4	6	6	<5	<5	<5	<5	<5	0.5	0.5	1.2	<0.2	0.5
Cadmium Dissolved (ug/l as Cd)	0.3	--	--	<5	--	<5	--	<5	<0.2	<0.2	0.7	0.3	0.3
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	7	<5	8	9	8	<5	10	<5	3	5	3	11	7
Chromium Dissolved (ug/l as Cr)	<1	--	--	<5	--	<5	--	<5	1	<1	1	6	2
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	58	<50	<50	<50	<50	<50	<50	60	35	37	18	37	21
Copper, Dissolved, (ug/l as Cu)	10	--	--	<50	--	<50	--	<50	12	11	9	18	12
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	42	12	10	25	50	28	28	20	23	27	9	49	17
Lead, Dissolved, (ug/l as Pb)	4	--	--	<5	--	<5	--	30	1	1	2	3	4
Lithium, Dissolved, (ug/l as Li)	--	--	--	--	--	--	--	--	--	--	--	--	--

SR-08: Dorsey and University Drive													
Sampling Station Identification Number	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08
Date of Sampling	8/8/94	12/5/94	1/12/95	1/12/95	1/25/95	1/25/95	2/21/95	2/21/95	8/14/95	8/19/95	9/7/95	2/1/96	2/25/96
Magnesium, Dissolved, (mg/l as Mg)	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)	<0.2	--	--	<0.2	--	<0.2	--	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	17	<50	<50	<50	<50	<50	<50	<50	14	14	9	18	136
Nickel, Dissolved, (ug/l as Ni)	11	--	--	<50	--	<50	--	<50	7	7	6	9	144
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	<2	<10	<10	<10	<10	<10	<10	<10	<0.8	<0.8	<0.8	<0.8	<0.8
Selenium, Dissolved, (ug/l as Se)	<0.8	--	--	<10	--	<10	--	<10	<0.8	<0.8	<0.8	<0.8	<0.8
Silver, Total Recoverable, (ug/l as Ag)	<0.2	<50	<50	<50	<50	<50	<50	<50	<0.2	<0.2	<0.2	<0.2	<0.2
Silver, Dissolved, (ug/l as Ag)	<0.2	--	--	<50	--	<50	--	<50	<0.2	<0.2	0.2	<0.2	<0.2
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	<1	<500	<500	<500	<500	<500	<500	<50	<1	<1	<1	<1	<1
Thallium, Dissolved, (ug/l as Tl)	<1	--	--	<500	--	<500	--	<50	<1	<1	<1	<1	<1
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	387	210	120	260	340	140	390	320	314	274	120	239	214
Zinc, Dissolved, (ug/l as Zn)	194	--	--	<50	--	<50	--	290	152	103	62	118	114
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.05	<0.05	<0.05	<0.25	<0.25
BHC - ALPHA, (ug/l)	<1.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.25	<0.25
BHC - Gamma (Lindane), (ug/l)	<1.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.05	<0.05	<0.05	<0.25	<0.25
BHC - DELTA, (ug/l)	<1.0	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.05	<0.05	<0.05	<0.25	<0.25
Aroclor 1016, PCB, Total, (ug/l)	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	<0.5	<2.5	<2.5
Aroclor 1221, PCB, Total, (ug/l)	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	<0.5	<2.5	<2.5
Aroclor 1232, PCB, Total, (ug/l)	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	<0.5	<2.5	<2.5
Aroclor 1242, PCB, Total, (ug/l)	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	<0.5	<2.5	<2.5
Aroclor 1248, PCB, Total, (ug/l)	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	<0.5	<2.5	<2.5
Aroclor 1254, PCB, Total, (ug/l)	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	<0.5	<2.5	<2.5
Aroclor 1260, PCB, Total, (ug/L)	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	<0.5	<2.5	<2.5

SR-08: Dorsey and University Drive													
Sampling Station Identification Number	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08
Date of Sampling	8/8/94	12/5/94	1/12/95	1/12/95	1/25/95	1/25/95	2/21/95	2/21/95	8/14/95	8/19/95	9/7/95	2/1/96	2/25/96
Chlordane, Total, (ug/l)	<10.0	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.5	<0.5	<2.5	<2.5
P,P' DDD, Total, (ug/l)	<2.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.1	<0.1	<0.1	<0.5	<0.5
P,P' DDE, Total, (ug/l)	<2.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.1	<0.1	<0.1	<0.5	<0.5
P, P' DDT, Total, (ug/l)	<2.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.1	<0.1	<0.1	<0.5	<0.5
Dieldrin, Total, (ug/l)	<2.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.1	<0.1	<0.1	<0.5	<0.5
Endo-Sulfan Alpha, Total, (ug/l)	<1.0	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.05	<0.05	<0.05	<0.25	<0.25
Endo-Sulfan Beta, Total, (ug/l)	<2.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.1	<0.1	<0.1	<0.5	<0.5
Endo-Sulfan Sulfate, Total, (ug/l)	<2.0	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.1	<0.1	<0.1	<0.5	<0.5
Endrin Aldehyde, Total, (ug/l)	<2.0	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.1	<0.1	<0.1	<0.5	<0.5
Endrin, Total, (ug/l)	<2.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.1	<0.1	<0.1	<0.5	<0.5
Heptachlor, Total, (ug/l)	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.05	<0.05	<0.05	<0.25	<0.25
Heptachlor Epoxide, Total, (ug/l)	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.05	<0.05	<0.05	<0.25	<0.25
Toxaphene, Total, (ug/l)	<20.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<5.0	<5.0
Methoxychlor, Total, (ug/l)	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	<0.5	<2.5	<2.5
Beta Benzene Hexachloride, Total, (ug/l)	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.25	<0.25
1,1,2,2-Tetrachloroethane, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<5.0	<5	<5.0	<5.0	<5.0
1,1,1,2-Tetrachloroethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<4.0	<4	<4.0	<4.0	<4.0
1,1,1- Trichloroethane, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<5.0	<5	<5.0	<5.0	<5.0
1,1,2- Trichloroethane, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<4.0	<4	<4.0	<4.0	<4.0
Trichloroethene, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<4.0	<4	<4.0	<4.0	<4.0
1,1- Dichloroethane, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<5.0	<5	<5.0	<5.0	<5.0
1,1- Dichloroethene, Total, (ug/l)	--	<5.0	<5.0	--	<5.0	--	<5.0	--	<4.0	<4	<4.0	<4.0	<4.0
1,2- Dichloroethane, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	--	--	--	--	--
1,2- Dichloropropane, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<4.0	<4	<4.0	<4.0	<4.0
2- Chloroethylvinyl Ether, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<100	<10	<100	<100	<100
cis-1,3-Dichloropropene, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<5.0	<5	<5.0	<5.0	<5.0
trans-1,2- Dichloroethene, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<4.0	<5	<4.0	<4.0	<4.0
trans-1,3- Dichloropropene, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<5.0	<5	<5.0	<5.0	<5.0
Benzene, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<4.0	<4	<4.0	<4.0	<4.0
Bromodichloromethane, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<5.0	<5	<5.0	<5.0	<5.0
Bromoform, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<5.0	<5	<5.0	<5.0	<5.0
Carbon Tetrachloride, Total, (ug/l)	--	<5.0	<5.0	--	<5.0	--	<5.0	--	<4.0	<4	<4.0	<4.0	<4.0
Chlorobenzene, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<5.0	<5	<5.0	<5.0	<5.0
Chloroethane, (ug/l)	--	<5.0	<5.0	--	<5.0	--	<5.0	--	<100	<10	<100	<100	<100
Chloroform, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<5.0	<5	<5.0	<5.0	<5.0
Ethyl-Benzene, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<5.0	<5	<5.0	<5.0	<5.0
Methylene Chloride, Total, (ug/l)	--	<1.0	<1.0	--	<1.0	--	<1.0	--	<4.0	<4	<4.0	<4.0	<4.0
Toluene, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<5.0	<5	<5.0	<5.0	<5.0
Trichlorofluoromethane, Total, (ug/l)	--	<5.0	<5.0	--	<5.0	--	<5.0	--	<5.0	<5	<5.0	<5.0	<5.0
Vinyl Chloride, Total, (ug/l)	--	<5.0	<5.0	--	<5.0	--	<5.0	--	<5.0	<5	<5.0	<5.0	<5.0

SR-08: Dorsey and University Drive													
Sampling Station Identification Number	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08
Date of Sampling	8/8/94	12/5/94	1/12/95	1/12/95	1/25/95	1/25/95	2/21/95	2/21/95	8/14/95	8/19/95	9/7/95	2/1/96	2/25/96
Chlorodibromomethane, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<50	<5	<50	<50	<50
4-Methyl, 2-Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone, Total, (ug/l)	--	<10	26	--	<10	--	43	--	<100	17	<100	<100	<100
2-Butanone, (ug/l)	--	10	<10	--	<10	--	<10	--	<100	<10	<100	<100	<100
Carbon Disulfide, Total, (ug/l)	--	<5.0	<5.0	--	<5.0	--	<5.0	--	<50	<5	<50	<50	<50
1,2 Dichloroethene, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<50	<5	<50	<50	<50
Xylenes, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<50	<5	<50	<50	<50
2-Hexanone, Total, (ug/l)	--	<10	<10	--	<10	--	<10	--	<100	<10	<100	<100	<100
Styrene, Total, (ug/l)	--	<2.0	<2.0	--	<2.0	--	<2.0	--	<50	<5	<50	<50	<50
Acrolein, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acrylonitrile, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	--	<5.0	<5.0	--	<5.0	--	--	--	<100	<10	<100	<100	<100
Methyl Chloride, Total, (ug/l)	--	<5.0	<5.0	--	<5.0	--	--	--	<100	<10	<100	<100	<100
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Acenaphthylene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Anthracene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Benzydine, Total, (ug/l)	<400	<100	<100	<100	<100	<100	<100	<100	<200	<400	<400	<100	<200
Benzoic Acid, Total, (ug/l)	<200	<100	<100	<100	<100	<100	<100	<100	<100	<200	<200	<100	<100
Benzo (a) Anthracene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Benzo (b) Fluoranthene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Benzo (k) Fluoranthene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Benzo (ghi) Perylene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Benzo (a) Pyrene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Benzyl Alcohol, Total, (ug/l)	<40	<20	<20	<20	<20	<20	<20	<20	<20	<40	<40	<20	<20
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	<40	<20	<20	<20	26	26	26	<20	<20	<40	<40	12	<20
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Butyl Benzyl Phthalate, Total, (ug/l)	<40	<20	<20	<20	<20	<20	<20	<20	<20	<40	<40	<20	<20
2-Chloronaphthalene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
2-Chlorophenol, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Chrysene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	<40	<20	<20	<20	<20	<20	<20	<20	<20	<40	<40	<20	<20
Di-N-Butyl Phthalate, Total, (ug/l)	<40	<20	<20	<20	<20	<20	<20	<20	<20	<40	<40	<20	<20
1,3-Dichlorobenzene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20

SR-08: Dorsey and University Drive													
Sampling Station Identification Number	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08	SR-08
Date of Sampling	8/8/94	12/5/94	1/12/95	1/12/95	1/25/95	1/25/95	2/21/95	2/21/95	8/14/95	8/19/95	9/7/95	2/1/96	2/25/96
1,4- Dichlorobenzene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
1,2- Dichlorobenzene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
3,3'- Dichlorobenzidine, Total, (ug/l)	<80	<40	<40	<40	<40	<40	<40	<40	<40	<80	<80	<40	<40
2,4- Dichlorophenol, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Diethyl Phthalate, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
2,4- Dimethylphenol, Total, (ug/l)	<40	<20	<20	<20	<20	<20	<20	<20	<20	<40	<40	<20	<20
Dimethyl Phthalate, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<200	<40	<40	<40	<40	<40	<40	<40	<100	<200	<200	<40	<100
2,4- Dinitrophenol, Total, (ug/l)	<200	<100	<100	<100	<100	<100	<100	<100	<100	<200	<200	<100	<100
2,4- Dinitrotoluene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
2,6- Dinitrotoluene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Di-N-Octyl-Phthalate, Total, (ug/l)	<40	<40	<40	<40	<40	<40	<40	<40	<20	<40	<40	<40	<20
Fluoranthene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Fluorene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Hexachlorobenzene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Hexachlorobutadiene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Hexachlorocyclopentadiene, Total, (ug/l)	<40	<40	<40	<40	<40	<40	<40	<40	<20	<40	<40	<40	<20
Hexachloroethane, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<40	<20	<20	<20	<20	<20	<20	<20	<20	<40	<40	<10	<20
Isophorone, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Naphthalene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Nitrobenzene, Total, (ug/l)	<40	<40	<40	<40	<40	<40	<40	<40	<20	<40	<40	<10	<20
2-Nitrophenol, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
4-Nitrophenol, Total, (ug/l)	<200	<100	<100	<100	<100	<100	<100	<100	<100	<200	<200	10	<100
N-Nitrosodiphenylamine, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Pentachlorophenol, Total, (ug/l)	<200	<40	<40	<40	<40	<40	<40	<40	<100	<200	<200	<10	<100
Phenanthrene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Phenol, Total, (ug/l)	<40	<10	12	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
Pyrene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
1,2,4-Trichlorobenzene, Total, (ug/l)	<40	<10	<10	<10	<10	<10	<10	<10	<20	<40	<40	<10	<20
2,4,5- Trichlorophenol, Total, (ug/l)	<200	<20	<20	<20	<20	<20	<20	<20	<100	<200	<200	<10	<100
2,4,6- Trichlorophenol, Total, (ug/l)	<40	<20	<20	<20	<20	<20	<20	<20	<20	<40	<40	<10	<20
N-Nitrosodimethylamine, Total, (ug/l)	<40	--	--	--	--	--	--	--	<20	<40	<40	--	<20
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--

SR-08: Dorsey and University Drive				
Sampling Station Identification Number	SR-08	SR-08	SR-08	SR-08
Date of Sampling	7/26/96	7/31/96	1/13/97	2/27/97
First Flush (FF) - First Hour				
Second Flush (SF) - After first hour				
Full Event (FE)- No separate first/second flush samples	FE	FE	FE	FE
Agency Collecting Sample	TEMPE	TEMPE	TEMPE	TEMPE
Agency Analyzing Sample	AEN	AEN	AEN	AEN
Drainage Area (acres) (DA)	34	34	34	34
Impervious Area (acres) (IA)	12	12	12	12
Land Use - Residential	0	0	0	0
Land Use - Commercial	27	27	27	27
Land Use - Industrial	0	0	0	0
Land Use - Undeveloped	73	73	73	73
Sampling Duration (minutes)	285	295	UA	UA
Storm Duration (minutes) (DRN)	UA	UA	UA	UA
Runoff Sampled (cubic feet) (RUN)	131,400	12,400	UA	UA
Total Storm Runoff (cubic feet)	150,000	18,000	UA	UA
Instantaneous Discharge (cfs)	25.5	1.50	UA	UA
Preceding Dry Period (days) (ANT)	17	5	UA	UA
Total Storm Rainfall (inch)	0.57	0.11	UA	UA
Rainfall Sampled (inch) (TRN)	0.57	0.11	UA	UA
Maximum 5-minute rain intensity (MAX5)	0.84	0.6	UA	UA
Sample Temperature (deg. C)	16.6	10	9.4	3.9
Effluent Temperature (deg. C)	29.2	21.2	12	12.6
Ambient Temperature (deg. C)	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM
pH, Effluent (standard units)	6.25	7.3	7.4	7.27
pH, Lab (standard units)	6.3	6.9	6.8	7.1
Specific Conductance, FIELD (us/cm)	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--
Electrical Conductivity (umhos/cm)	--	--	--	--
BOD5 (mg/l)	49	43	--	--
COD High Level (mg/l)	353	302	--	--
Chloride (mg/l as Cl)	--	--	--	--
Cyanide Total (mg/l as Cn)	<0.01	<0.01	<0.01	<0.01
Fecal Coliform (CFU/100mL)	--	--	--	--
Fecal Streptococci (CFU/100mL)	--	--	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)	260	450	100	160
Residue, Total at 105 Deg. C (TSS) (mg/l)	190	140	110	190
Nitrogen No2 + No3, Total (mg/l as N)	1.9	2.5	0.66	0.92
TKN Nitrogen (mg/l as N)	6.5	5.9	3.1	4.4

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Sampling Station Identification Number	SR-08	SR-08	SR-08	SR-08
Date of Sampling	7/26/96	7/31/96	1/13/97	2/27/97
Nitrogen, Ammonia + Organic, Total (mg/l as N)	6.52	5.86	3.1	4.44
Nitrogen Nitrate Total (mg/l as N)	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)	2.22	2.26	0.92	1.54
Nitrogen Organic Total (mg/l as N)	4.3	3.6	2.18	2.9
Phosphorous Total (mg/l as P)	0.8	0.46	0.4	0.54
Phosphorous Dissolved (mg/l as P)	0.43	0.18	0.22	0.25
Phosphorous Ortho (mg/l as P)	--	--	--	--
Sulfate Dissolved (mg/l)	--	--	--	--
Hexavalent Chromium Total (mg/l)	<0.04	<0.02	<0.04	<0.02
Phenols Total Recoverable (ug/l)	30	<20	<20	<20
Oil and Grease Total Recoverable (mg/l)	5	2	<2	5
Organic Carbon, Total (mg/l)	--	--	--	--
Bicarbonate Whole Field (mg/l as HCO ₃)	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCO ₃)	--	--	--	--
Carbonate Water Field (mg/l as Co ₃)	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as Co ₃)	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCo ₃)	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo ₃)	--	--	--	--
Alkalinity LAB (mg/l as CaCo ₃)	--	--	--	--
Silica Dissolved (mg/l as SiO ₂)	--	--	--	--
Hardness (mg/l)	--	--	--	--
Antimony (ug/l as Sb)	<5	<5	<5	<5
Antimony Dissolved (ug/l as Sb)	<5	<5	<5	<5
Arsenic Total (ug/l as As)	4	5	2	3
Arsenic Dissolved (ug/l as As)	2	3	<1	1
Barium Dissolved (ug/l as Ba)	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	0.4	0.2	0.3	0.4
Beryllium Dissolved (ug/l as Be)	<0.2	<0.2	<0.2	<0.2
Cadmium Total Recoverable (ug/l as Cd)	1	1	0.4	1
Cadmium Dissolved (ug/l as Cd)	0.2	0.4	<0.2	0.2
Calcium Dissolved (mg/l as Ca)	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	9	6	8	7
Chromium Dissolved (ug/l as Cr)	2	2	2	1
Cobalt Dissolved (ug/l as Co)	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	410	38	22	39
Copper, Dissolved, (ug/l as Cu)	18	17	7	9
Iron, Dissolved, (ug/l as Fe)	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	40	22	18	26
Lead, Dissolved, (ug/l as Pb)	3	3	2	1
Lithium, Dissolved, (ug/l as Li)	--	--	--	--

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Sampling Station Identification Number	SR-08	SR-08	SR-08	SR-08
Date of Sampling	7/26/96	7/31/96	1/13/97	2/27/97
Magnesium, Dissolved, (mg/l as Mg)	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	<0.2	<0.2	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)	<0.2	<0.2	<0.2	<0.2
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	13	<5	8	11
Nickel, Dissolved, (ug/l as Ni)	9	<5	<5	<5
Potassium, Dissolved, (mg/l as K)	--	--	--	--
Selenium, Total, (ug/l as Se)	<0.8	<0.8	<0.8	<0.8
Selenium, Dissolved, (ug/l as Se)	<0.8	<0.8	<0.8	<0.8
Silver, Total Recoverable, (ug/l as Ag)	<0.2	<0.2	0.2	<0.2
Silver, Dissolved, (ug/l as Ag)	<0.2	<0.2	<0.2	<0.2
Sodium, Dissolved, (mg/l as Na)	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--
Thallium, Total, (ug/l as Tl)	<1	<1	<1	<1
Thallium, Dissolved, (ug/l as Tl)	<1	<1	<1	<1
Vanadium, Dissolved, (ug/l as V)	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	400	270	191	354
Zinc, Dissolved, (ug/l as Zn)	130	92	63	201
Diazinon, Total, (ug/l)	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--
Aldrin, Total, (ug/l)	<0.25	<0.25	<0.25	<0.25
BHC - ALPHA, (ug/l)	<0.25	<0.25	<0.25	<0.25
BHC - Gamma (Lindane), (ug/l)	<0.25	<0.25	<0.25	<0.25
BHC - DELTA, (ug/l)	<0.25	<0.25	<0.25	<0.25
Aroclor 1016, PCB, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5
Aroclor 1221, PCB, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5
Aroclor 1232, PCB, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5
Aroclor 1242, PCB, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5
Aroclor 1248, PCB, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5
Aroclor 1254, PCB, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5
Aroclor 1260, PCB, Total, (ug/L)	<2.5	<2.5	<2.5	<2.5

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Date of Sampling	7/26/96	7/31/96	1/13/97	2/27/97
Chlordane, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5
P,P' DDD, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5
P,P' DDE, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5
P, P' DDT, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5
Dieldrin, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5
Endo-Sulfan Alpha, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5
Endo-Sulfan Beta, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5
Endo-Sulfan Sulfate, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5
Endrin Aldehyde, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5
Endrin, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5
Heptachlor, Total, (ug/l)	<0.25	<0.25	<0.25	<0.25
Heptachlor Epoxide, Total, (ug/l)	<0.25	<0.25	<0.25	<0.25
Toxaphene, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5
Methoxychlor, Total, (ug/l)	<5.0	<5.0	<5.0	<5.0
Beta Benzene Hexachloride, Total, (ug/l)	<0.25	<0.25	<0.25	<0.25
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<50	<50	<5	<5
1,1,1,2-Tetrachloroethane, Total, (ug/l)	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<40	<40	<4	<4
1,1,1- Trichloroethane, Total, (ug/l)	<50	<50	<5	<5
1,1,2- Trichloroethane, Total, (ug/l)	<40	<40	<4	<4
Trichloroethene, Total, (ug/l)	<40	<40	<4	<4
1,1- Dichloroethane, Total, (ug/l)	<50	<50	<5	<5
1,1- Dichloroethene, Total, (ug/l)	<40	<40	<4	<4
1,2- Dichloroethane, Total, (ug/l)	--	--	--	--
1,2- Dichloropropane, Total, (ug/l)	<40	<40	<4	<4
2- Chloroethylvinyl Ether, Total, (ug/l)	<100	<100	<10	<10
cis-1,3-Dichloropropene, (ug/l)	<50	<50	<5	<5
trans-1,2- Dichloroethene, (ug/l)	<40	<40	<4	<4
trans-1,3- Dichloropropene, (ug/l)	<50	<50	<5	<5
Benzene, Total, (ug/l)	<40	<40	<4	<4
Bromodichloromethane, Total, (ug/l)	<50	<50	<5	<5
Bromoform, Total, (ug/l)	<50	<50	<5	<5
Carbon Tetrachloride, Total, (ug/l)	<40	<40	<4	<4
Chlorobenzene, Total, (ug/l)	<50	<50	<5	<5
Chloroethane, (ug/l)	<100	<100	<10	<10
Chloroform, Total, (ug/l)	<50	<50	<5	<5
Ethyl-Benzene, Total, (ug/l)	<50	<50	<5	<5
Methylene Chloride, Total, (ug/l)	<40	<40	<4	<4
Toluene, Total, (ug/l)	<50	<50	<5	<5
Trichlorofluoromethane, Total, (ug/l)	<50	<50	<5	<5
Vinyl Chloride, Total, (ug/l)	<50	<50	<5	<5

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Date of Sampling	7/26/96	7/31/96	1/13/97	2/27/97
Chlorodibromomethane, Total, (ug/l)	<50	<50	<5	<5
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	--	--
Acetone, Total, (ug/l)	<100	<100	15	<10
2-Butanone, (ug/l)	<100	<100	<10	<10
Carbon Disulfide, Total, (ug/l)	<50	<50	<5	<5
1,2 Dichloroethene, Total, (ug/l)	<50	<50	<5	<5
Xylenes, Total, (ug/l)	<50	<50	<5	<5
2-Hexanone, Total, (ug/l)	<100	<100	<10	<10
Styrene, Total, (ug/l)	<50	<50	<5	<5
Acrolein, Total, (ug/l)	--	--	--	--
Acrylonitrile, Total, (ug/l)	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--
Methyl Bromide, Total, (ug/l)	<100	<100	<10	<10
Methyl Chloride, Total, (ug/l)	<100	<100	<10	<10
Parachloro Toluene, Total, (ug/l)	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--
Acenaphthene, Total, (ug/l)	<40	<20	<10	<50
Acenaphthylene, Total, (ug/l)	<40	<20	<10	<50
Anthracene, Total, (ug/l)	<40	<20	<10	<50
Benzidine, Total, (ug/l)	<200	<200	<50	<250
Benzoic Acid, Total, (ug/l)	<200	<100	<50	<250
Benzo (a) Anthracene, Total, (ug/l)	<40	<20	<10	<50
Benzo (b) Fluoranthene, Total, (ug/l)	<40	<20	<10	<50
Benzo (k) Fluoranthene, Total, (ug/l)	<40	<20	<10	<50
Benzo (ghi) Perylene, Total, (ug/l)	<40	<20	<10	<50
Benzo (a) Pyrene, Total, (ug/l)	<40	<20	<10	<50
Benzyl Alcohol, Total, (ug/l)	<40	<20	<10	<50
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<40	<20	<10	<50
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<40	<20	<10	<50
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<40	<20	<10	<50
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	<40	<20	<10	<50
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<40	<20	<10	<50
Butyl Benzyl Phthalate, Total, (ug/l)	<40	<20	<10	<50
2-Chloronaphthalene, Total, (ug/l)	<40	<20	<10	<50
2-Chlorophenol, Total, (ug/l)	<40	<20	<10	<50
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<40	<20	<10	<50
Chrysene, Total, (ug/l)	<40	<20	<10	<50
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	<40	<20	<10	<50
Di-N-Butyl Phthalate, Total, (ug/l)	<40	<20	<10	<50
1,3- Dichlorobenzene, Total, (ug/l)	<40	<20	<10	<50

SR-08: Dorsey and University Drive				
Sampling Station Identification Number	SR-08	SR-08	SR-08	SR-08
Date of Sampling	7/26/96	7/31/96	1/13/97	2/27/97
1,4- Dichlorobenzene, Total, (ug/l)	<40	<20	<10	<50
1,2- Dichlorobenzene, Total, (ug/l)	<40	<20	<10	<50
3,3'- Dichlorobenzidine, Total, (ug/l)	<40	<40	<10	<50
2,4- Dichlorophenol, Total, (ug/l)	<40	<20	<10	<50
Diethyl Phthalate, Total, (ug/l)	<40	<20	<10	<50
2,4- Dimethylphenol, Total, (ug/l)	<80	<20	<20	<100
Dimethyl Phthalate, Total, (ug/l)	<40	<20	<10	<50
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<40	<100	<10	<50
2,4- Dinitrophenol, Total, (ug/l)	<40	<100	<20	<100
2,4- Dinitrotoluene, Total, (ug/l)	<40	<20	<10	<50
2,6- Dinitrotoluene, Total, (ug/l)	<40	<20	<10	<50
Di-N-Octyl-Phthalate, Total, (ug/l)	<40	<20	<10	<50
Fluoranthene, Total, (ug/l)	<40	<20	<10	<50
Fluorene, Total, (ug/l)	<40	<20	<10	<50
Hexachlorobenzene, Total, (ug/l)	<40	<20	<10	<50
Hexachlorobutadiene, Total, (ug/l)	<40	<20	<10	<50
Hexachlorocyclopentadiene, Total, (ug/l)	<40	<20	<50	<250
Hexachloroethane, Total, (ug/l)	<40	<20	<10	<50
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<40	<20	<10	<50
Isophorone, Total, (ug/l)	<40	<20	<10	<50
Naphthalene, Total, (ug/l)	<40	<20	<10	<50
Nitrobenzene, Total, (ug/l)	<40	<20	<10	<50
2-Nitrophenol, Total, (ug/l)	<40	<20	<10	<50
4-Nitrophenol, Total, (ug/l)	<40	<100	<10	<50
N-Nitrosodiphenylamine, Total, (ug/l)	<40	<20	<10	<50
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<40	<20	<10	<50
Pentachlorophenol, Total, (ug/l)	<40	<100	<10	<50
Phenanthrene, Total, (ug/l)	<40	<20	<10	<50
Phenol, Total, (ug/l)	<40	<20	<10	<50
Pyrene, Total, (ug/l)	<200	<20	<10	<50
1,2,4-Trichlorobenzene, Total, (ug/l)	<40	<20	<10	<50
2,4,5- Trichlorophenol, Total, (ug/l)	<40	<100	<10	<50
2,4,6- Trichlorophenol, Total, (ug/l)	<40	<20	<10	<50
N-Nitrosodimethylamine, Total, (ug/l)	<40	<20	<10	<50
1,2- Diphenylhydrazine, Total, (ug/l)	<40	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--