Stormwater Quality Report

Data through June 30, 1997

For

City of Phoenix, Arizona

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July 31, 1997

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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.

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

(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.

SITE DESCRIPTIONS

Phoenix
SR-03

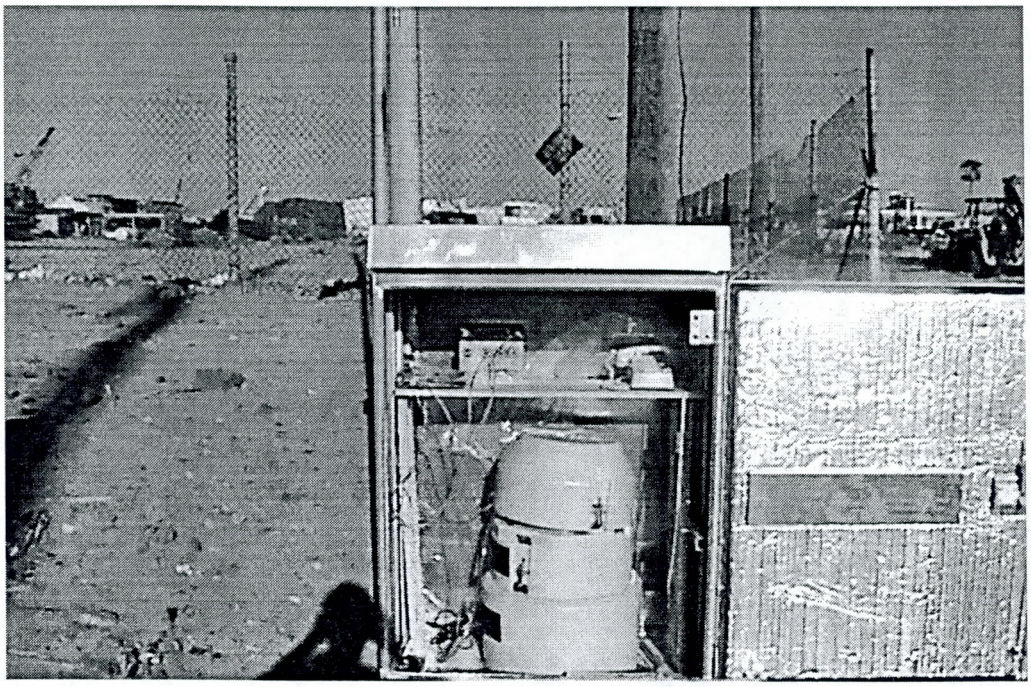
Location: **S22 T1N R2E**

3501 West Elwood Street

Gage collects runoff from a subbasin on the north side of the Salt River. The basin is approximately 1,363 acres. The basin is primarily heavy industrial.

Equipment: **The Sigma 900 MAX sampler with integral flowmeter is used. These samplers were installed in June 1997. Previously, an Isco 4230 flowmeter and Isco 3700 sampler was used.**

SR-03: Salt River and 35th Avenue



Phoenix
SR-45

Location: **S18 T1N R4E**

2401 South 40th Street

Gage collects runoff from a subbasin on the south side of the Salt River. The basin is approximately 120 acres. The basin is primarily heavy industry.

Equipment: **Sigma 900 MAX sampler with integral flowmeter is used. These were installed in June 1997. Previously, an Isco 4230 flowmeter and Isco 3700 sampler was used.**

Phoenix
SR-21

Location: **S23 T1N R3E**

2802 East Old Tower Road

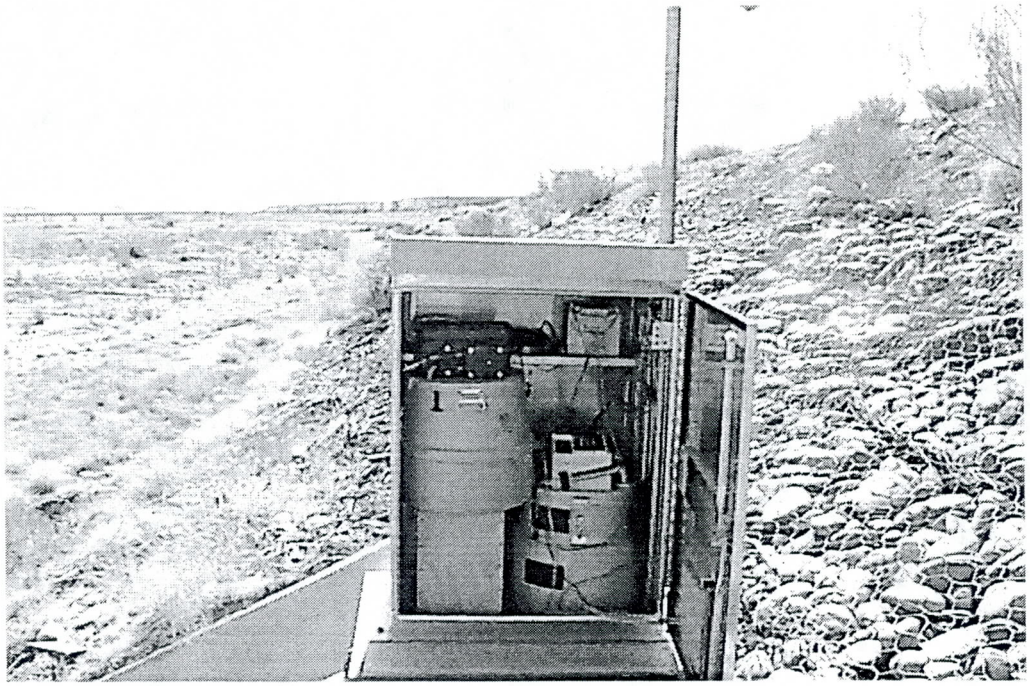
Gage collects runoff from a subbasin on the north side of the Salt River. The basin is approximately 630 acres. The basin is primarily paved surfaces of Sky Harbor Airport.

Equipment: **This site was discontinued due to construction. Previously, an Isco 4230 flowmeter and Isco 3700 sampler was used.**

SR-21: Salt River and I-10

This site has been discontinued. Photograph unavailable.

SR-45: Salt River and 40th Street



Phoenix
IB-08

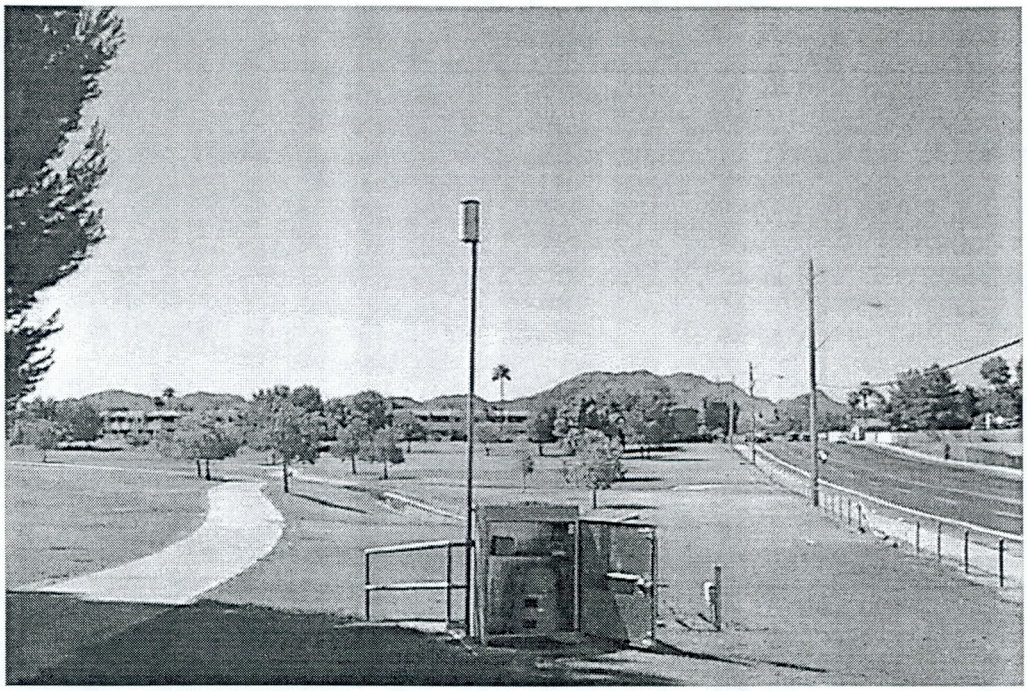
Location: **S18 T3N R4E**

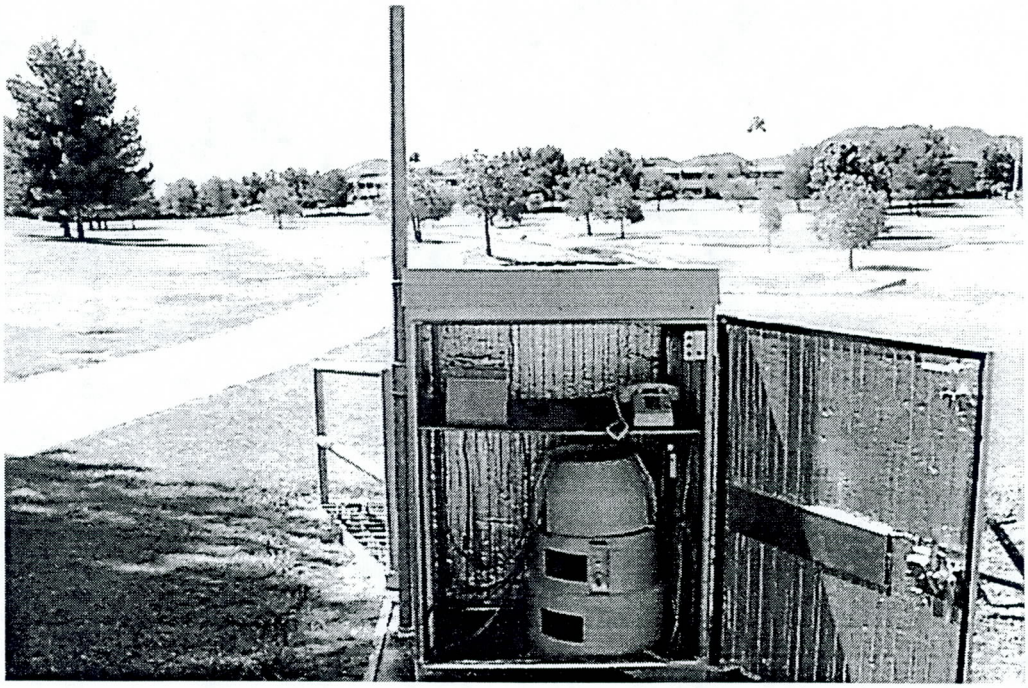
12499 North 40th Street

Gage collects runoff from a subbasin on the north side of Indian Bend Wash. The basin is approximately 609 acres. The basin is primarily residential.

Equipment: **Sigma 900 MAX sampler with integral flowmeter is used. These were installed in June 1997. Previously, an Isco 4230 flowmeter and Isco 3700 sampler was used.**

IB-08: Indian Bend Wash and 40th Street





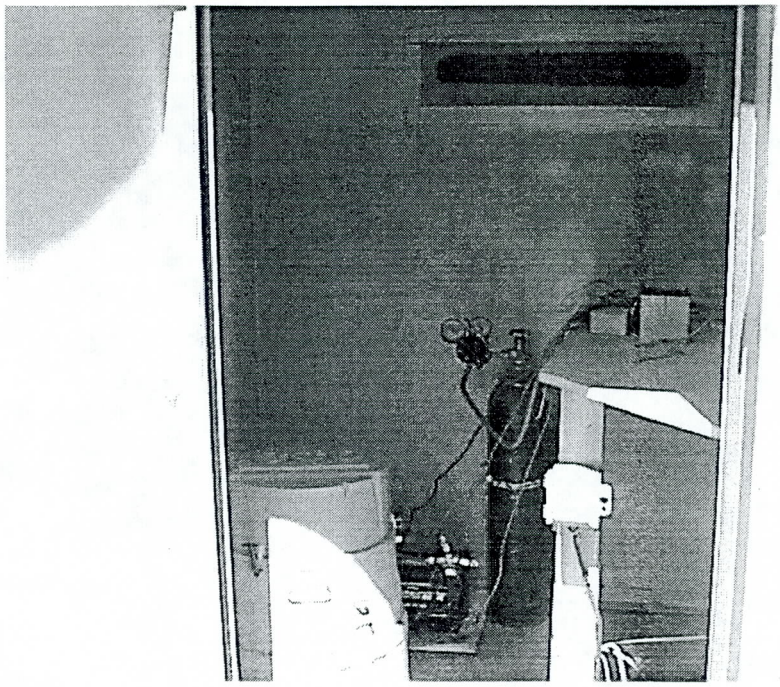
Phoenix
ACDC and 43rd Avenue

Location: **S21 T3N R2E**

Gage collects runoff from a subbasin on the north side of the Arizona Canal Diversion Channel. The basin is approximately 3.4 acres. The basin is primarily commercial strip mall.

Equipment: **Campbell Scientific Instruments CR10 datalogger and SM192 storage module; Sierra Misco Environmental model 2500 tipping bucket; Druck PDCR 940 pressure transducer; Conoflow and pressure-regulator system; Isco Environmental model 3700 automatic pumping sampler, and Motorola MC310 cellular telephone.**

USGS ACDC and 43rd Avenue



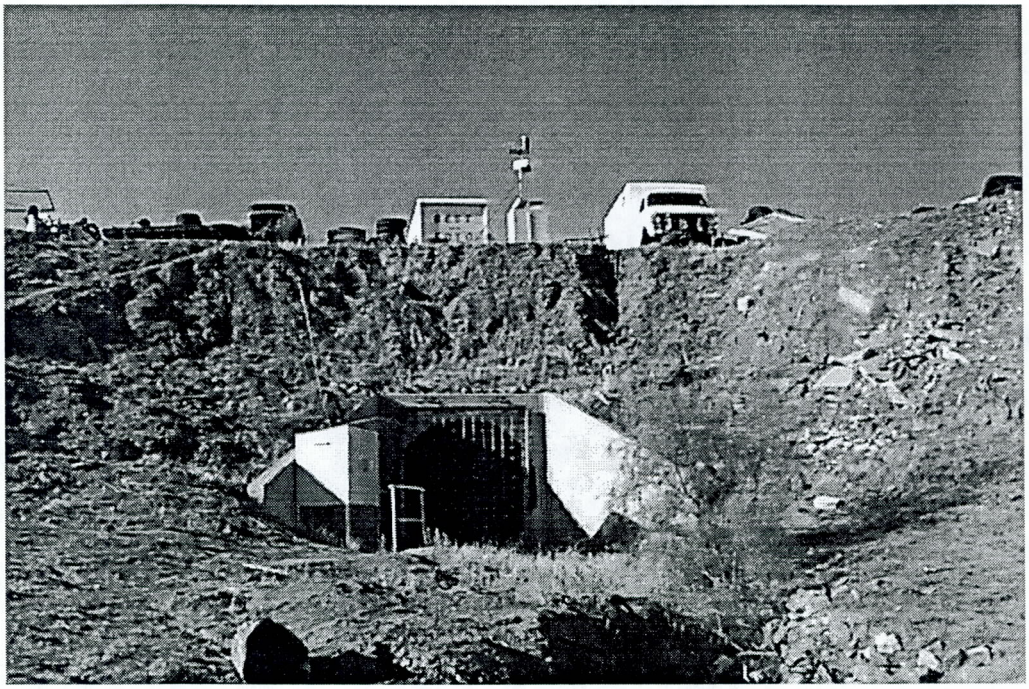
Phoenix
Salt River and 27th Avenue

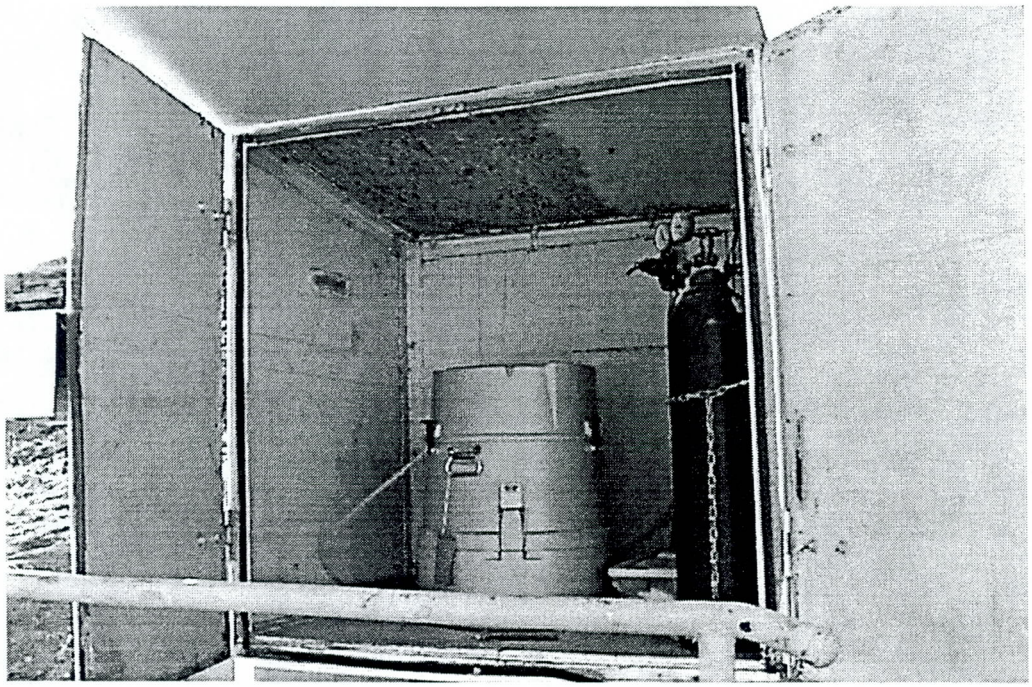
Location: **S24 T1N R2E**

Gage collects runoff from a subbasin on the south side of the Salt River. The basin is approximately 45 acres. The basin is primarily heavy industrial.

Equipment: **Campbell Scientific Instruments CR10 datalogger and SM192 storage module; Sierra Misco Environmental model 2500 tipping bucket; Druck PDCR 940 pressure transducer; Conoflow and pressure-regulator system; Isco Environmental model 3700 automatic pumping sampler, and Motorola MC310 cellular telephone.**

USGS Salt River and 27th Avenue





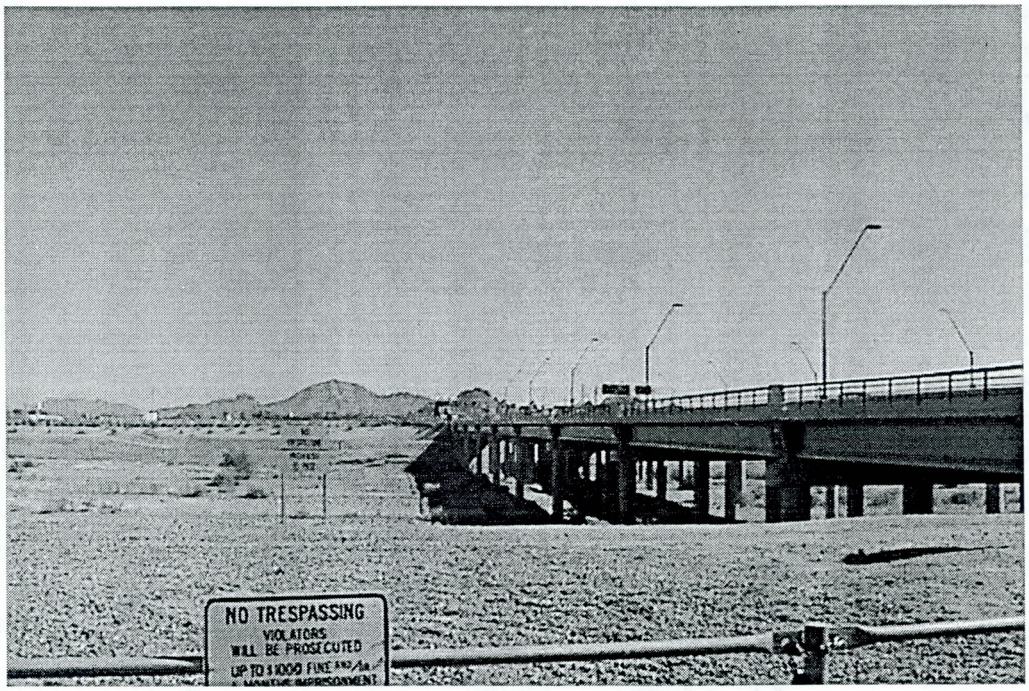
Phoenix
Salt River and Priest Drive

Location: **S17 T1N R4E**

An In-Stream sampling point at the approximate eastern entry point of the Salt River into Phoenix City limits.

Equipment: **Scientific Instruments bridge crane with sounding reel. Sample collection vessel is lowered into flow and samples are taken on a depth proportional basis.**

Salt River and Priest Drive



Phoenix
Salt River and 51st Avenue

Location: **S20 T1N R2E**

An In-Stream sampling point at the approximate western exit point of the Salt River from the Phoenix City limits.

Equipment: **Scientific Instruments bridge crane with sounding reel. Sample collection vessel is lowered into flow and samples are taken on a depth proportional basis.**

Salt River and 51st Avenue

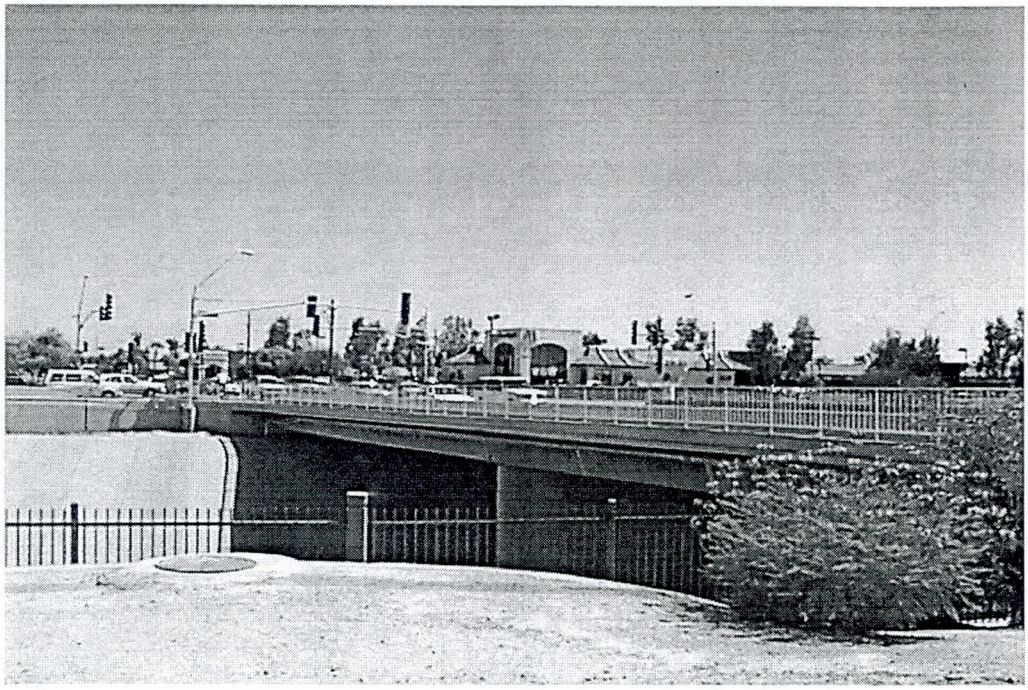
Phoenix
ACDC and 51st Avenue

Location: **S20 T3N R4E**

An In-Stream sampling point at the approximate western exit point of the Arizona Canal Diversion Channel from the Phoenix City limits.

Equipment: **Scientific Instruments bridge crane with sounding reel. Sample collection vessel is lowered into flow and samples are taken on a depth proportional basis.**

ACDC and 51st Avenue



POLLUTANT LOADING

SR-03
North bank of Salt River and 35th Avenue

SR-03 - North Bank of Salt River at 35th Avenue	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
BOD5 (mg/l)	61.4	72.5	72.5	0	1324600	1057100	1236000	1057100	102500	0
COD High Level (mg/l)	171	298	298	0	3733900	2827100	3299400	2801700	503400	25400
Chloride (mg/l as Cl)	54.6	24	40	8	533100	386200	500000	376000	41100	10100
Cyanide Total (mg/l as Cn)	0.01	0	0	0	0	0	0	0	0	0
Solids Residue at 180 Deg. C (TDS) (mg/l)	257	193	290	95	3996700	2847200	3568200	2726500	485000	120700
Residue, Total at 105 Deg. C (TSS) (mg/l)	801	466	712	220	23933000	6973600	18863200	6694000	5140800	279600
Nitrogen No2 + No3, Total (mg/l as N)	0.91	0.92	1.35	0.48	17400	13300	15000	12600	2700	600
TKN Nitrogen (mg/l as N)	4.31	4.99	6.23	3.74	92600	63300	78700	58500	14800	4700
Nitrogen, Ammonia + Organic, Total (mg/l as N)	3.66	4.99	6.23	3.74	92900	63300	78600	58500	15100	4700
Nitrogen Nitrate Total (mg/l as N)	0.76	0.92	1.35	0.48	16600	13300	14300	12600	2200	600
Nitrogen Nitrite Total (mg/l as N)	0.35	0	0	0	1700	1000	1300	900	300	100
Nitrogen Ammonia Total (mg/l as N)	1.46	1.88	2.17	1.58	30500	22400	25500	20400	5000	2000
Phosphorous Total (mg/l as P)	1.68	0.86	0.79	0.92	38600	8500	33000	7400	5800	1100
Phosphorous Dissolved (mg/l as P)	0.49	0.73	0.8	0.65	10000	8300	8900	7500	1100	800
Phosphorous Ortho (mg/l as P)	0	0	0	0	0	0	0	0	0	0
Sulfate Dissolved (mg/l)	24.3	17.5	29	6	434600	280200	400500	272600	39200	7600
Hexavalent Chromium Total (mg/l)	0	0	0	0	0	0	0	0	0	0
Phenols Total Recoverable (ug/l)	18.3	0	0	0	77.8	6.3	39.4	0	44.6	6.3
Oil and Grease Total Recoverable (mg/l)	67.4	9	9	0	207100	54700	166500	54700	40800	0
Organic Carbon, Total (mg/l)	43.1	43.2	69.3	17.1	680500	673200	651500	651500	29000	21700
Bicarbonate Whole Field (mg/l as HCo3)	0	0	0	0	0	0	0	0	0	0
Bicarbonate Dissolved, Field (mg/l as HCo3)	0	0	0	0	0	0	0	0	0	0
Carbonate Water Field (mg/l as Co3)	0	0	0	0	0	0	0	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)	0	0	0	0	0	0	0	0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)	0	0	0	0	0	0	0	0	0	0
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	0	0	0	0	0	0	0	0	0	0
Alkalinity LAB (mg/l as CaCo3)	52	54	84	24	828300	820200	789700	789700	38600	30500
Silica Dissolved (mg/l as SiO2)	0	0	0	0	0	0	0	0	0	0
Hardness (mg/l)	92.8	117.5	173	62	1803300	1705300	1626500	1626500	176800	78800
Antimony (ug/l as Sb)	0	0	0	0	99.1	53.3	47	47	52.1	6.3
Antimony Dissolved (ug/l as Sb)	0	0	0	0	99.1	53.3	47	47	52.1	6.3
Arsenic Total (ug/l as As)	26.8	8	8	0	458.7	81.5	390.3	75.2	78.8	6.3
Arsenic Dissolved (ug/l as As)	7	0	0	0	242.4	53.3	181.5	47	61.9	6.3
Barium Dissolved (ug/l as Ba)	0	0	0	0	0	0	0	0	0	0
Beryllium Total Recoverable (ug/l as Be)	0	0	0	0	25.9	21.3	18.8	18.8	7.1	2.5
Beryllium Dissolved (ug/l as Be)	0	0	0	0	25	21.3	18.8	18.8	6.2	2.5
Cadmium Total Recoverable (ug/l as Cd)	4	0	0	0	88.1	42.6	73.9	37.6	22.5	5
Cadmium Dissolved (ug/l as Cd)	0.6	0	0	0	54.9	42.6	40.7	37.6	14.3	5
Calcium Dissolved (mg/l as Ca)	0	0	0	0	0	0	0	0	0	0
Chromium Total Recoverable (ug/l as Cr)	60.6	28	28	0	1093	270	899	263	204.1	6.3
Chromium Dissolved (ug/l as Cr)	4.13	0	0	0	72.9	53.3	55.7	47	18.3	6.3
Cobalt Dissolved (ug/l as Co)	0	0	0	0	0	0	0	0	0	0
Copper, Total Recoverable, (ug/l as Cu)	142	80	137	23	2797	1317	2412	1288	394.8	29.2

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Copper, Dissolved, (ug/l as Cu)	78.8	24	24	0	412	245	271	226	150.9	19
Iron, Dissolved, (ug/l as Fe)	0	0	0	0	0	0	0	0	0	0
Lead, Total Recoverable, (ug/l as Pb)	87.8	68	130	6	2237	1230	1844	1222	403.4	7.6
Lead, Dissolved, (ug/l as Pb)	16.8	6	6	0	179	62.7	99.6	56.4	80.3	6.3
Lithium, Dissolved, (ug/l as Li)	0	0	0	0	0	0	0	0	0	0
Magnesium, Dissolved, (mg/l as Mg)	0	0	0	0	0	0	0	0	0	0
Manganese, Dissolved, (ug/l as Mn)	0	0	0	0	0	0	0	0	0	0
Mercury, Total Recoverable, (ug/l as Hg)	1	0	0	0	7.2	2.1	5.2	1.8	2.1	0.2
Mercury, Dissolved, (ug/l as Hg)	0	0	0	0	2.3	2.1	1.8	1.8	0.4	0.2
Molybdenum, Dissolved, (ug/l as Mo)	0	0	0	0	0	0	0	0	0	0
Nickel, Total Recoverable, (ug/l as Ni)	25	25	30	20	353	307	282	282	71.2	25.4
Nickel, Dissolved, (ug/l as Ni)	0	0	0	0	259	213	188	188	71.2	25.4
Potassium, Dissolved, (mg/l as k)	2	2	0	2	2500	2500	0	0	2500	2500
Selenium, Total, (ug/l as Se)	0	0	0	0	71.6	53.3	47	47	24.6	6.3
Selenium, Dissolved, (ug/l as Se)	0	0	0	0	71.6	53.3	47	47	24.6	6.3
Silver, Total Recoverable, (ug/l as Ag)	0.3	0	0	0	543	534	470	470	72.7	63.5
Silver, Dissolved, (ug/l as Ag)	0	0	0	0	543	534	470	470	72.7	63.5
Sodium, Dissolved, (mg/l as Na)	0	0	0	0	0	0	0	0	0	0
Strontium, Dissolved, (ug/l as Sr)	0	0	0	0	0	0	0	0	0	0
Thallium, Total, (ug/l as Tl)	0	0	0	0	20.6	10.6	9.4	9.4	11.2	1.2
Thallium, Dissolved, (ug/l as Tl)	0	0	0	0	15.5	10.6	9.4	9.4	6.1	1.2
Vanadium, Dissolved, (ug/l as V)	0	0	0	0	0	0	0	0	0	0
Zinc, Total Recoverable, (ug/l as Zn)	482	465	670	260	12137	6630	9885	6299	2313.5	330.4
Zinc, Dissolved, (ug/l as Zn)	90.3	50	80	20	1135	778	931	752	221.2	25.4
Diazinon, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Ethion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Malathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Trithion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-syston, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phorate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
DEF, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Fonofos(Dy-fonate), WWT, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aldrin, Total, (ug/l)	0	0	0	0	0.9	0.6	0.3	0	0.6	0.6
BHC - ALPHA, (ug/l)	0	0	0	0	0.8	0.6	0.1	0	0.6	0.6
BHC - Gamma (Lindane), (ug/l)	0	0	0	0	0.7	0.6	0.1	0	0.6	0.6
BHC - DELTA, (ug/l)	0	0	0	0	2	0.6	1.3	0	0.7	0.6
Aroclor 1k16, PCB, Total, (ug/l)	0	0	0	0	4	0.6	3.4	0	0.8	0.6
Aroclor 1221, PCB, Total, (ug/l)	0	0	0	0	4	0.6	3.4	0	0.8	0.6
Aroclor 1232, PCB, Total, (ug/l)	0	0	0	0	4	0.6	3.4	0	0.8	0.6
Aroclor 1242, PCB, Total, (ug/l)	0	0	0	0	4	0.6	3.4	0	0.8	0.6

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Aroclor 1248, PCB, Total, (ug/l)	0	0	0	0	4	0.6	3.4	0	0.8	0.6
Aroclor 1254, PCB, Total, (ug/l)	0	0	0	0	4	0.6	3.4	0	0.8	0.6
Aroclor 126k, PCB, Total, (ug/L)	0	0	0	0	4	0.6	3.4	0	0.8	0.6
Chlordane, Total, (ug/l)	0	0	0	0	1.1	0.6	0.5	0	0.6	0.6
P,P' DDD, Total, (ug/l)	0	0	0	0	1	0.6	0.3	0	0.6	0.6
P,P' DDE, Total, (ug/l)	0	0	0	0	0.8	0.6	0.2	0	0.6	0.6
P, P' DDT, Total, (ug/l)	0	0	0	0	0.9	0.6	0.3	0	0.6	0.6
Dieldrin, Total, (ug/l)	0	0	0	0	0.9	0.6	0.3	0	0.6	0.6
Endo-Sulfan Alpha, Total, (ug/l)	0	0	0	0	1.1	0.6	0.5	0	0.6	0.6
Endo-Sulfan Beta, Total, (ug/l)	0	0	0	0	0.9	0.6	0.3	0	0.6	0.6
Endo-Sulfan Sulfate, Total, (ug/l)	0	0	0	0	3.2	0.6	2.5	0	0.8	0.6
Endrin Aldehyde, Total, (ug/l)	0	0	0	0	1.3	0.6	0.7	0	0.6	0.6
Endrin, Total, (ug/l)	0	0	0	0	0.9	0.1	0.7	0	0.1	0.1
Heptachlor, Total, (ug/l)	0	0	0	0	0.9	0.6	0.3	0	0.6	0.6
Heptachlor Epoxide, Total, (ug/l)	0	0	0	0	0.9	0.6	0.3	0	0.6	0.6
Toxaphene, Total, (ug/l)	0	0	0	0	2.3	0.6	1.7	0	0.7	0.6
Methoxychlor, Total, (ug/l)	0	0	0	0	32.5	0.6	31.9	0	0.6	0.6
Beta Benzene Hexachloride, Total, (ug/l)	0	0	0	0	0.7	0.6	0.1	0	0.6	0.6
1,1,2,2-Tetrachloroethane, Total, (ug/l)	0	0	0	0	12.8	1.1	7.9	1.1	5.2	0
1,1,1,2-Tetrachloroethane, Total,(ug/l)	0	0	0	0	0	0	0	0	0	0
Tetrachloroethene, PCE, Total, (ug/l)	2	0	0	0	12.8	1.1	7.9	1.1	5.2	0
1,1,1- Trichloroethane, Total, (ug/l)	0	0	0	0	12.8	1.1	7.9	1.1	5.2	0
1,1,2- Trichloroethane, Total, (ug/l)	0	0	0	0	12.8	1.1	7.9	1.1	5.2	0
Trichloroethene, Total, (ug/l)	0	0	0	0	12.8	1.1	7.9	1.1	5.2	0
1,1- Dichloroethane, Total, (ug/l)	0	0	0	0	12.8	1.1	7.9	1.1	5.2	0
1,1- Dichloroethene, Total, (ug/l)	0	0	0	0	13.4	1.1	8.6	1.1	5.9	0
1,2- Dichloroethane, Total, (ug/l)	0	0	0	0	12.8	1.1	7.9	1.1	5.2	0
1,2- Dichloropropane, Total, (ug/l)	0	0	0	0	12.8	1.1	7.9	1.1	5.2	0
2- Chloroethylvinyl Ether, Total, (ug/l)	0	0	0	0	29.7	1.1	17.5	1.1	12.5	0
cis-1,3-Dichloropropene, (ug/l)	0	0	0	0	12.8	1.1	7.9	1.1	5.2	0
trans-1,2- Dichloroethene, (ug/l)	0	0	0	0	12.8	1.1	7.9	1.1	5.2	0
trans-1,3- Dichloropropene, (ug/l)	0	0	0	0	12.8	1.1	7.9	1.1	5.2	0
Benzene, Total, (ug/l)	0	0	0	0	12.8	1.1	7.9	1.1	5.2	0
Bromodichloromethane, Total, (ug/l)	0	0	0	0	12.8	1.1	7.9	1.1	5.2	0
Bromoform, Total, (ug/l)	0	0	0	0	29.7	1.1	17.5	1.1	12.5	0
Carbon Tetrachloride, Total, (ug/l)	0	0	0	0	13.4	1.1	8.6	1.1	5.9	0
Chlorobenzene, Total, (ug/l)	0	0	0	0	12.8	1.1	7.9	1.1	5.2	0
Chloroethane, (ug/l)	0	0	0	0	32.1	2.9	19.9	2.9	13.1	0
Chloroform, Total, (ug/l)	0	0	0	0	12.8	1.1	7.9	1.1	5.2	0
Ethyl-Benzene, Total, (ug/l)	0	0	0	0	12.8	1.1	7.9	1.1	5.2	0
Methylene Chloride, Total, (ug/l)	0	0	0	0	30.1	0	18	0	14.2	0
Toluene, Total, (ug/l)	0	0	0	0	12.8	1.1	7.9	1.1	5.2	0
Trichlorofluoromethane, Total, (ug/l)	0	0	0	0	29.2	1.1	17.1	1.1	12.1	0

SR-03 - North Bank of Salt River at 35th Avenue	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
Vinyl Chloride, Total, (ug/l)	0	0	0	0	32.1	2.9	19.9	2.9	13.1	0
Chlorodibromomethane, Total, (ug/l)	0	0	0	0	12.8	1.1	7.9	1.1	5.2	0
4- Methyl, 2- Pentanone, (MIBk), Total, (ug/L)	0	0	0	0	29.1	0	17	0	13.1	0
Acetone, Total, (ug/l)	16	0	0	0	21.6	5.9	7.9	5.9	15.7	0
2-Butanone, (ug/l)	0	0	0	0	9.6	5.9	7.9	5.9	3.7	0
Carbon Disulfide, Total, (ug/l)	0	0	0	0	6.7	5.9	5.9	5.9	0.8	0
1,2 Dichloroethene, Total, (ug/l)	0	0	0	0	1.1	1.1	1.1	1.1	0	0
Xylenes, Total, (ug/l)	0	0	0	0	1.9	1.1	1.5	1.1	0.7	0
2-Hexanone, Total, (ug/l)	0	0	0	0	9.6	5.9	7.9	5.9	3.7	0
Styrene, Total, (ug/l)	0	0	0	0	1.9	1.1	1.5	1.1	0.7	0
Acrolein, Total, (ug/l)	0	0	0	0	5.9	5.9	5.9	5.9	0	0
Acrylonitirile, Total, (ug/l)	0	0	0	0	5.9	5.9	5.9	5.9	0	0
Bromobenzene, Water Whole, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,3-Dichloropropane, Water Whole, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Bromide, Total, (ug/l)	0	0	0	0	0.8	0	0	0	0.8	0
Methyl Chloride, Total, (ug/l)	0	0	0	0	29.1	0	17	0	13.1	0
Parachloro Toluene, Total, (ug/l)	0	0	0	0	1	0	1	0	1	0
Dibromoethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acenaphthene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Acenaphthylene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Anthracene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Benzidine, Total, (ug/l)	0	0	0	0	555	63.5	340	0	235.6	63.5
Benzoic Acid, Total, (ug/l)	12	12	0	12	486	15.2	319	0	166.4	15.2
Benzo (a) Anthracene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Benzo (b) Fluoranthene, Total, (ug/l)	0	0	0	0	53.4	6.3	31.9	0	21.4	6.3
Benzo (k) Fluoranthene, Total, (ug/l)	0	0	0	0	55.4	6.3	34	0	23.5	6.3
Benzo (ghi) Perylene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Benzo (a) Pyrene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Benzyl Alcohol, Total, (ug/l)	0	0	0	0	97.9	3.8	63.8	0	34	3.8
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	25.5	29	0	29	135	36.8	68	0	71.2	36.8
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Butyl Benzyl Phthalate, Total, (ug/l)	0	0	0	0	105	6.3	68	0	40.7	6.3
2-Chloronapthalene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
2-Chlorophenol, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Chrysene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0	0	0	0	105	6.3	68	0	40.7	6.3
Di-N-Butyl Phthalate, Total, (ug/l)	9	0	0	0	102	3.8	68	0	38.2	3.8
1,3- Dichlorobenzene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
1,4- Dichlorobenzene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8

SR-03 - North Bank of Salt River at 35th Avenue	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
1,2- Dichlorobenzene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
3,3'- Dichlorobenzidine, Total, (ug/l)	0	0	0	0	203	6.3	136	0	75.2	6.3
2,4- Dichlorophenol, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Diethyl Phthalate, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
2,4- Dimethylphenol, Total, (ug/l)	0	0	0	0	105	6.3	68	0	40.7	6.3
Dimethyl Phthalate, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	0	0	0	0	203	6.3	136	0	75.2	6.3
2,4- Dinitrophenol, Total, (ug/l)	0	0	0	0	504	12.7	340	0	184.8	12.7
2,4- Dinitrotoluene, Total, (ug/l)	0	0	0	0	55.4	6.3	34	0	23.5	6.3
2,6- Dinitrotoluene, Total, (ug/l)	0	0	0	0	55.4	6.3	34	0	23.5	6.3
Di-N-Octyl-Phthalate, Total, (ug/l)	0	0	0	0	203	6.3	136	0	75.2	6.3
Fluoranthene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Fluorene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Hexachlorobenzene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Hexachlorobutadiene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Hexachlorocyclopentadiene, Total, (ug/l)	0	0	0	0	209	12.7	136	0	81.5	12.7
Hexachloroethane, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0	0	0	0	105	6.3	68	0	40.7	6.3
Isophorone, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Naphthalene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Nitrobenzene, Total, (ug/l)	0	0	0	0	200	3.8	136	0	72.6	3.8
2-Nitrophenol, Total, (ug/l)	0	0	0	0	55.4	6.3	34	0	23.5	6.3
4-Nitrophenol, Total, (ug/l)	0	0	0	0	498	6.3	340	0	178.5	6.3
N-Nitrosodiphenylamine, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Pentachlorophenol, Total, (ug/l)	0	0	0	0	203	6.3	136	0	75.2	6.3
Phenanthrene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Phenol, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
Pyrene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
1,2,4-Trichlorobenzene, Total, (ug/l)	0	0	0	0	52.9	3.8	34	0	21	3.8
2,4,5- Trichlorophenol, Total, (ug/l)	0	0	0	0	97.9	3.8	63.8	0	34	3.8
2,4,6- Trichlorophenol, Total, (ug/l)	0	0	0	0	102	3.8	68	0	38.2	3.8
N-Nitrosodimethylamine, Total, (ug/l)	0	0	0	0	47	0	31.9	0	15.1	0
1,2- Diphenylhydrazine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dichlorodifluoromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parachloro-Meta-Cresol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

SR-21
North bank Salt River at I-10

SR-21 - I-10 and North Bank of Salt River	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
BOD5 (mg/l)	63.8	138	493	19.3	1023900	671300	770000	646000	253800	25300
COD High Level (mg/l)	107	125	140	80	1651000	435700	946600	356700	704300	79000
Chloride (mg/l as Cl)	18.1	30	42.5	5	338000	111300	235600	106400	102300	4900
Cyanide Total (mg/l as Cn)	0.03	0	0	0	200	0	100	0	0	0
Solids Residue at 180 Deg. C (TDS) (mg/l)	174	223	267	91	2649100	808000	1574200	718100	1074800	89900
Residue, Total at 105 Deg. C (TSS) (mg/l)	162	99	120	36	4125700	296800	2536200	261200	1589500	35500
Nitrogen No2 + No3, Total (mg/l as N)	1.90	1.69	1.59	1.96	35800	6000	14000	4100	21700	1900
TKN Nitrogen (mg/l as N)	3.40	3.72	4.07	2.65	60800	12400	31100	9700	29700	2600
Nitrogen, Ammonia + Organic, Total (mg/l as N)	3.14	3.69	4.04	2.65	60600	12200	30900	9600	29700	2600
Nitrogen Nitrate Total (mg/l as N)	1.82	1.59	1.46	1.96	32800	5800	13700	3900	19000	1900
Nitrogen Nitrite Total (mg/l as N)	0.20	0.49	0.49	0	1200	500	700	400	400	0
Nitrogen Ammonia Total (mg/l as N)	1.67	1.90	1.73	2.4	32200	6700	15200	4400	16900	2300
Phosphorous Total (mg/l as P)	0.39	0.28	0.31	0.19	10400	1100	7100	900	3300	100
Phosphorous Dissolved (mg/l as P)	0.40	0.21	0.24	0.16	5800	700	5000	500	800	100
Phosphorous Ortho (mg/l as P)	0	0	0	0	0	0	0	0	0	0
Sulfate Dissolved (mg/l)	17.8	29	45	13	299600	71800	157100	58900	142500	12800
Hexavalent Chromium Total (mg/l)	0	0	0	0	0	0	0	0	0	0
Phenols Total Recoverable (ug/l)	21	24.7	28.5	17	210.5	63.3	104	46.5	106.5	16.7
Oil and Grease Total Recoverable (mg/l)	58.2	9	9	0	712800	23000	667200	12000	45500	11000
Organic Carbon, Total (mg/l)	35.1	38.6	43.8	23.1	134300	132700	109900	109900	24300	22800
Bicarbonate Whole Field (mg/l as HCo3)	0	0	0	0	0	0	0	0	0	0
Bicarbonate Dissolved, Field (mg/l as HCo3)	0	0	0	0	0	0	0	0	0	0
Carbonate Water Field (mg/l as Co3)	0	0	0	0	0	0	0	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)	0	0	0	0	0	0	0	0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)	0	0	0	0	0	0	0	0	0	0
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	0	0	0	0	0	0	0	0	0	0
Alkalinity LAB (mg/l as CaCo3)	29.7	33.5	37.3	22	140000	133100	111400	111400	28600	21700
Silica Dissolved (mg/l as SiO2)	0	0	0	0	0	0	0	0	0	0
Hardness (mg/l)	47.2	52	56.5	43	126900	114500	72000	72000	54900	42400
Antimony (ug/l as Sb)	0	0	0	0	30.6	17.2	12.2	12.2	18.3	4.9
Antimony Dissolved (ug/l as Sb)	0	0	0	0	30.6	17.2	12.2	12.2	18.3	4.9
Arsenic Total (ug/l as As)	0	0	0	0	517	17.2	300	12.2	216.8	4.9
Arsenic Dissolved (ug/l as As)	0	0	0	0	393	17.2	223	12.2	170.3	4.9
Barium Dissolved (ug/l as Ba)	0	0	0	0	0	0	0	0	0	0
Beryllium Total Recoverable (ug/l as Be)	0	0	0	0	8.2	6.8	4.9	4.9	3.3	1.9
Beryllium Dissolved (ug/l as Be)	0	0	0	0	8.1	6.8	4.9	4.9	3.2	1.9
Cadmium Total Recoverable (ug/l as Cd)	0	0	0	0	157	13.7	94.5	9.8	62.3	3.9
Cadmium Dissolved (ug/l as Cd)	0.28	0	0	0	35.5	13.7	13.9	9.8	21.5	3.9
Calcium Dissolved (mg/l as Ca)	0	0	0	0	0	0	0	0	0	0
Chromium Total Recoverable (ug/l as Cr)	11.3	9	0	9	278	21.1	142	12.2	135.4	8.8
Chromium Dissolved (ug/l as Cr)	8	8	8	0	52.6	19	30.7	14	21.9	4.9
Cobalt Dissolved (ug/l as Co)	0	0	0	0	0	0	0	0	0	0
Copper, Total Recoverable, (ug/l as Cu)	64.2	44.7	40	54	1021	119	561	65.6	459.8	53.3

SR-21 - I-10 and North Bank of Salt River	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
Copper, Dissolved, (ug/l as Cu)	39.6	43.3	43.3	43	671	157	301	114	370.2	42.4
Iron, Dissolved, (ug/l as Fe)	0	0	0	0	0	0	0	0	0	0
Lead, Total Recoverable, (ug/l as Pb)	16.4	15	16	14	362	40.5	153	26.6	208.8	13.8
Lead, Dissolved, (ug/l as Pb)	6.17	5.5	5	6	210	18.1	73.2	12.2	137	5.9
Lithium, Dissolved, (ug/l as Li)	0	0	0	0	0	0	0	0	0	0
Magnesium, Dissolved, (mg/l as Mg)	0	0	0	0	0	0	0	0	0	0
Manganese, Dissolved, (ug/l as Mn)	0	0	0	0	0	0	0	0	0	0
Mercury, Total Recoverable, (ug/l as Hg)	0	0	0	0	12.7	0.6	6.2	0.4	6.5	0.1
Mercury, Dissolved, (ug/l as Hg)	0	0	0	0	0.7	0.6	0.4	0.4	0.2	0.1
Molybdenum, Dissolved, (ug/l as Mo)	0	0	0	0	0	0	0	0	0	0
Nickel, Total Recoverable, (ug/l as Ni)	20	20	20	20	82.2	68.8	49	49	33.2	19.7
Nickel, Dissolved, (ug/l as Ni)	0	0	0	0	82.2	68.8	49	49	33.2	19.7
Potassium, Dissolved, (mg/l as k)	0	0	0	0	0	0	0	0	0	0
Selenium, Total, (ug/l as Se)	0	0	0	0	22.5	17.2	12.2	12.2	10.3	4.9
Selenium, Dissolved, (ug/l as Se)	0	0	0	0	22.5	17.2	12.2	12.2	10.3	4.9
Silver, Total Recoverable, (ug/l as Ag)	0	0	0	0	174	172	123	123	51.1	49.4
Silver, Dissolved, (ug/l as Ag)	0	0	0	0	174	172	123	123	51.1	49.4
Sodium, Dissolved, (mg/l as Na)	0	0	0	0	0	0	0	0	0	0
Strontium, Dissolved, (ug/l as Sr)	0	0	0	0	0	0	0	0	0	0
Thallium, Total, (ug/l as Tl)	0	0	0	0	11	3.4	2.4	2.4	8.5	0.9
Thallium, Dissolved, (ug/l as Tl)	0	0	0	0	11	3.4	2.4	2.4	8.5	0.9
Vanadium, Dissolved, (ug/l as V)	0	0	0	0	0	0	0	0	0	0
Zinc, Total Recoverable, (ug/l as Zn)	181	123	105	160	6819	305	3941	147	2878.1	158
Zinc, Dissolved, (ug/l as Zn)	130	105	96.7	130	2055	361	673	233	1382.2	128.4
Diazinon, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Ethion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Malathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Trithion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-syston, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phorate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
DEF, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Fonofos(Dy-fonate), WWT, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aldrin, Total, (ug/l)	0	0	0	0	6.8	1.1	1	0.6	5.7	0.4
BHC - ALPHA, (ug/l)	0	0	0	0	4.5	1.1	0.8	0.6	3.6	0.4
BHC - Gamma (Lindane), (ug/l)	0	0	0	0	3.9	1.1	0.8	0.6	3.1	0.4
BHC - DELTA, (ug/l)	0	0	0	0	3.8	1.1	2.2	0.6	1.5	0.4
Aroclor 1k16, PCB, Total, (ug/l)	0	0	0	0	15.7	1.1	4.6	0.6	11	0.4
Aroclor 1221, PCB, Total, (ug/l)	0	0	0	0	268	1.1	4.6	0.6	263.1	0.4
Aroclor 1232, PCB, Total, (ug/l)	0	0	0	0	57.7	1.1	4.6	0.6	53.1	0.4
Aroclor 1242, PCB, Total, (ug/l)	0	0	0	0	36.7	1.1	4.6	0.6	32.1	0.4

SR-21 - I-10 and North Bank of Salt River	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
Aroclor 1248, PCB, Total, (ug/l)	0	0	0	0	15.7	1.1	4.6	0.6	11	0.4
Aroclor 1254, PCB, Total, (ug/l)	0	0	0	0	15.7	1.1	4.6	0.6	11	0.4
Aroclor 126k, PCB, Total, (ug/L)	0	0	0	0	26.2	1.1	4.6	0.6	21.5	0.4
Chlordane, Total, (ug/l)	0	0	0	0	9.6	1.1	1.2	0.6	8.4	0.4
P,P' DDD, Total, (ug/l)	0	0	0	0	2	1.1	1	0.6	1	0.4
P,P' DDE, Total, (ug/l)	0	0	0	0	1.8	1.1	0.8	0.6	1	0.4
P, P' DDT, Total, (ug/l)	0	0	0	0	6.8	1.1	1	0.6	5.7	0.4
Dieldrin, Total, (ug/l)	0	0	0	0	4.1	1.1	1	0.6	3.1	0.4
Endo-Sulfan Alpha, Total, (ug/l)	0	0	0	0	3.8	1.1	1.2	0.6	2.6	0.4
Endo-Sulfan Beta, Total, (ug/l)	0	0	0	0	6.8	1.1	1	0.6	5.7	0.4
Endo-Sulfan Sulfate, Total, (ug/l)	0	0	0	0	6.3	1.1	3.6	0.6	2.6	0.4
Endrin Aldehyde, Total, (ug/l)	0	0	0	0	5.3	1.1	1.6	0.6	3.6	0.4
Endrin, Total, (ug/l)	0	0	0	0	8.5	0.2	0.5	0.1	7.9	0
Heptachlor, Total, (ug/l)	0	0	0	0	4.1	1.1	1	0.6	3.1	0.4
Heptachlor Epoxide, Total, (ug/l)	0	0	0	0	4.1	1.1	1	0.6	3.1	0.4
Toxaphene, Total, (ug/l)	0	0	0	0	16.3	1.1	2.6	0.6	13.6	0.4
Methoxychlor, Total, (ug/l)	0	0	0	0	41	0	40.3	0	0.7	0
Beta Benzene Hexachloride, Total, (ug/l)	0	0	0	0	2.9	1.1	0.8	0.6	2	0.4
1,1,2,2-Tetrachloroethane, Total, (ug/l)	0	0	0	0	32	7.3	16.4	4.9	15.6	2.4
1,1,1,2-Tetrachloroethane, Total,(ug/l)	0	0	0	0	0	0	0	0	0	0
Tetrachloroethene, PCE, Total, (ug/l)	0	0	0	0	32	7.3	16.4	4.9	15.6	2.4
1,1,1- Trichloroethane, Total, (ug/l)	0	0	0	0	32	7.3	16.4	4.9	15.6	2.4
1,1,2- Trichloroethane, Total, (ug/l)	0	0	0	0	32	7.3	16.4	4.9	15.6	2.4
Trichloroethene, Total, (ug/l)	0	0	0	0	32	7.3	16.4	4.9	15.6	2.4
1,1- Dichloroethane, Total, (ug/l)	0	0	0	0	32	7.3	16.4	4.9	15.6	2.4
1,1- Dichloroethene, Total, (ug/l)	0	0	0	0	32	7.3	16.4	4.9	15.6	2.4
1,2- Dichloroethane, Total, (ug/l)	0	0	0	0	32	7.3	16.4	4.9	15.6	2.4
1,2- Dichloropropane, Total, (ug/l)	0	0	0	0	32	7.3	16.4	4.9	15.6	2.4
2- Chloroethylvinyl Ether, Total, (ug/l)	0	0	0	0	71.9	7.3	33.6	4.9	38.3	2.4
cis-1,3-Dichloropropene, (ug/l)	0	0	0	0	32	7.3	16.4	4.9	15.6	2.4
trans-1,2- Dichloroethene, (ug/l)	0	0	0	0	33	7.3	16.4	4.9	16.6	2.4
trans-1,3- Dichloropropene, (ug/l)	0	0	0	0	33	7.3	16.4	4.9	16.6	2.4
Benzene, Total, (ug/l)	0	0	0	0	33	7.3	16.4	4.9	16.6	2.4
Bromodichloromethane, Total, (ug/l)	0	0	0	0	33	7.3	16.4	4.9	16.6	2.4
Bromoform, Total, (ug/l)	0	0	0	0	67.7	7.3	33.6	4.9	34.1	2.4
Carbon Tetrachloride, Total, (ug/l)	0	0	0	0	32	7.3	16.4	4.9	15.6	2.4
Chlorobenzene, Total, (ug/l)	0	0	0	0	33	7.3	16.4	4.9	16.6	2.4
Chloroethane, (ug/l)	0	0	0	0	80.9	18.3	41	12.2	39.9	6.1
Chloroform, Total, (ug/l)	0	0	0	0	32	7.3	16.4	4.9	15.6	2.4
Ethyl-Benzene, Total, (ug/l)	0	0	0	0	33	7.3	16.4	4.9	16.6	2.4
Methylene Chloride, Total, (ug/l)	0	0	0	0	63.1	0	28.7	0	34.4	0
Toluene, Total, (ug/l)	5.8	5.8	0	5.8	36.8	11.1	16.4	4.9	20.4	6.1
Trichlorofluoromethane, Total, (ug/l)	0	0	0	0	65.1	7.3	33.6	4.9	31.5	2.4

SR-21 - I-10 and North Bank of Salt River	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
Vinyl Chloride, Total, (ug/l)	0	0	0	0	81.4	18.3	41	12.2	40.3	6.1
Chlorodibromomethane, Total, (ug/l)	0	0	0	0	33	7.3	16.4	4.9	16.6	2.4
4- Methyl, 2- Pentanone, (MIBk), Total, (ug/L)	0	0	0	0	62.9	0	28.7	0	34.2	0
Acetone, Total, (ug/l)	30.5	0	0	0	50.9	36.7	24.5	24.5	26.3	12.2
2-Butanone, (ug/l)	20	0	0	0	44.3	36.7	24.5	24.5	19.8	12.2
Carbon Disulfide, Total, (ug/l)	0	0	0	0	39.5	36.7	24.5	24.5	15	12.2
1,2 Dichloroethene, Total, (ug/l)	0	0	0	0	7.3	7.3	4.9	4.9	2.4	2.4
Xylenes, Total, (ug/l)	0	0	0	0	14.2	7.3	4.9	4.9	9.3	2.4
2-Hexanone, Total, (ug/l)	0	0	0	0	42.4	36.7	24.5	24.5	17.8	12.2
Styrene, Total, (ug/l)	0	0	0	0	8.4	7.3	4.9	4.9	3.5	2.4
Acrolein, Total, (ug/l)	0	0	0	0	36.7	36.7	24.5	24.5	12.2	12.2
Acrylonitirile, Total, (ug/l)	0	0	0	0	36.7	36.7	24.5	24.5	12.2	12.2
Bromobenzene, Water Whole, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,3-Dichloropropane, Water Whole, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Bromide, Total, (ug/l)	0	0	0	0	2.8	0	0	0	2.8	0
Methyl Chloride, Total, (ug/l)	0	0	0	0	60.9	0	28.7	0	32.2	0
Parachloro Toluene, Total, (ug/l)	0	0	0	0	3.1	0	0	0	3.1	0
Dibromoethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acenaphthene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Acenaphthylene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Anthracene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Benzidine, Total, (ug/l)	0	0	0	0	1135	6.8	579	3.9	556.2	2.9
Benzoic Acid, Total, (ug/l)	16	16	16	0	1133	25.9	596	20.9	537.5	4.9
Benzo (a) Anthracene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Benzo (b) Fluoranthene, Total, (ug/l)	0	0	0	0	122	11.4	64	6.5	58.1	4.9
Benzo (k) Fluoranthene, Total, (ug/l)	0	0	0	0	124	11.4	64	6.5	60.2	4.9
Benzo (ghi) Perylene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Benzo (a) Pyrene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Benzyl Alcohol, Total, (ug/l)	0	0	0	0	228	6.8	119	3.9	109.4	2.9
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	32.25	16	20	12	308	38	141	26.2	167.2	11.8
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Butyl Benzyl Phthalate, Total, (ug/l)	0	0	0	0	235	11.4	122	6.5	113.5	4.9
2-Chloronapthalene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
2-Chlorophenol, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Chrysene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0	0	0	0	235	11.4	122	6.5	113.5	4.9
Di-N-Butyl Phthalate, Total, (ug/l)	0	0	0	0	230	6.8	119	3.9	111.5	2.9
1,3- Dichlorobenzene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
1,4- Dichlorobenzene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9

SR-21 - I-10 and North Bank of Salt River	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
1,2- Dichlorobenzene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
3,3'- Dichlorobenzidine, Total, (ug/l)	0	0	0	0	460	11.4	236	6.5	223.1	4.9
2,4- Dichlorophenol, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Diethyl Phthalate, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
2,4- Dimethylphenol, Total, (ug/l)	0	0	0	0	235	11.4	122	6.5	113.5	4.9
Dimethyl Phthalate, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	0	0	0	0	460	11.4	236	6.5	223.1	4.9
2,4- Dinitrophenol, Total, (ug/l)	0	0	0	0	1141	22.9	588	13.1	552.8	9.8
2,4- Dinitrotoluene, Total, (ug/l)	0	0	0	0	124	11.4	64	6.5	60.2	4.9
2,6- Dinitrotoluene, Total, (ug/l)	0	0	0	0	124	11.4	64	6.5	60.2	4.9
Di-N-Octyl-Phthalate, Total, (ug/l)	0	0	0	0	452	6.8	234	3.9	218	2.9
Fluoranthene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Fluorene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Hexachlorobenzene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Hexachlorobutadiene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Hexachlorocyclopentadiene, Total, (ug/l)	0	0	0	0	468	22.9	243	13.1	224.9	9.8
Hexachloroethane, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0	0	0	0	235	11.4	122	6.5	113.5	4.9
Isophorone, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Naphthalene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Nitrobenzene, Total, (ug/l)	0	0	0	0	452	6.8	234	3.9	218	2.9
2-Nitrophenol, Total, (ug/l)	0	0	0	0	124	11.4	64	6.5	60.2	4.9
4-Nitrophenol, Total, (ug/l)	0	0	0	0	1124	11.4	581	6.5	542.6	4.9
N-Nitrosodiphenylamine, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Pentachlorophenol, Total, (ug/l)	0	0	0	0	460	11.4	236	6.5	223.1	4.9
Phenanthrene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Phenol, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
Pyrene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
1,2,4-Trichlorobenzene, Total, (ug/l)	0	0	0	0	120	6.8	61.4	3.9	58.2	2.9
2,4,5- Trichlorophenol, Total, (ug/l)	0	0	0	0	228	6.8	119	3.9	109.4	2.9
2,4,6- Trichlorophenol, Total, (ug/l)	0	0	0	0	234	6.8	119	3.9	114.6	2.9
N-Nitrosodimethylamine, Total, (ug/l)	0	0	0	0	118	6.8	61.4	3.9	56.2	2.9
1,2- Diphenylhydrazine, Total, (ug/l)	0	0	0	0	75.8	0	0	0	75.8	0
Dichlorodifluoromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parachloro-Meta-Cresol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

SR-45
South bank Salt River at 40th Street

SR-45 - 40th Street and South Bank Salt River	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
BOD5 (mg/l)	188	317	347	273	127200	54100	54100	31300	73100	22800
COD High Level (mg/l)	267	394	452	220	186000	88300	104500	60900	81500	27400
Chloride (mg/l as Cl)	45	132	16	248	42500	32700	6500	1800	36000	30900
Cyanide Total (mg/l as Cn)	0	0	0	0	0	0	0	0	0	0
Solids Residue at 18k Deg. C (TDS) (mg/l)	260	427	233	816	222300	123300	62200	21600	160100	101700
Residue, Total at 1k5 Deg. C (TSS) (mg/l)	383	400	425	350	259600	62300	87000	18700	172600	43600
Nitrogen No2 + No3, Total (mg/l as N)	1.19	0.56	0.7	0.42	1000	100	500	0	400	0
TKN Nitrogen (mg/l as N)	5.45	11.4	11.4	0	2600	500	1500	500	1100	0
Nitrogen, Ammonia + Organic, Total (mg/l as N)	5.40	11.4	11.4	0	2600	500	1500	500	1000	0
Nitrogen Nitrate Total (mg/l as N)	1.13	0.48	0.7	0.25	900	100	500	0	400	0
Nitrogen Nitrite Total (mg/l as N)	0.13	0.17	0	0.17	0	0	0	0	0	0
Nitrogen Ammonia Total (mg/l as N)	1.55	3.36	3.36	0	700	100	400	100	300	0
Nitrogen Organic Total (mg/l as N)	4.4	8.05	8.05	0	1100	300	300	300	700	0
Phosphorous Total (mg/l as P)	1.02	1.04	0.95	1.3	900	200	500	100	300	100
Phosphorous Dissolved (mg/l as P)	0.19	0.21	0.21	0	100	0	0	0	0	0
Phosphorous Ortho (mg/l as P)	0	0	0	0	0	0	0	0	0	0
Sulfate Dissolved (mg/l)	30.8	60.5	12	109	26700	14900	5600	1400	21100	13500
Hexavalent Chromium Total (mg/l)	0	0	0	0	0	0	0	0	0	0
Phenols Total Recoverable (ug/l)	50	100	100	0	25.7	3.1	9.1	3.1	16.5	0
Oil and Grease Total Recoverable (mg/l)	71.4	15	15	0	77700	1800	73600	1300	4000	500
Organic Carbon, Total (mg/l)	94.7	115	38	192	27100	24000	100	100	27000	23900
Bicarbonate Whole Field (mg/l as HCo3)	0	0	0	0	0	0	0	0	0	0
Bicarbonate Dissolved, Field (mg/l as HCo3)	0	0	0	0	0	0	0	0	0	0
Carbonate Water Field (mg/l as Co3)	0	0	0	0	0	0	0	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)	0	0	0	0	0	0	0	0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)	0	0	0	0	0	0	0	0	0	0
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	0	0	0	0	0	0	0	0	0	0
Alkalinity LAB (mg/l as CaCo3)	69.8	85.7	88.5	80	22800	16800	6900	6900	15900	9900
Silica Dissolved (mg/l as SiO2)	0	0	0	0	0	0	0	0	0	0
Hardness (mg/l)	200	257	254	264	69300	57100	24200	24200	45000	32900
Antimony (ug/l as Sb)	8.5	8.5	9	8	8.9	1.8	0.8	0.8	8	0.9
Antimony Dissolved (ug/l as Sb)	0	0	0	0	8.3	1.2	0.5	0.5	7.7	0.6
Arsenic Total (ug/l as As)	7.67	7.67	9	5	21.7	1.6	16.1	1	5.6	0.6
Arsenic Dissolved (ug/l as As)	0	0	0	0	14.7	1.2	9	0.5	5.6	0.6
Barium Dissolved (ug/l as Ba)	0	0	0	0	0	0	0	0	0	0
Beryllium Total Recoverable (ug/l as Be)	0	0	0	0	1.2	0.5	0.3	0.3	0.9	0.2
Beryllium Dissolved (ug/l as Be)	0	0	0	0	1.1	0.4	0.2	0.2	0.8	0.2
Cadmium Total Recoverable (ug/l as Cd)	7	7	7	0	8.7	1.2	7.2	0.7	1.5	0.4
Cadmium Dissolved (ug/l as Cd)	8	8	0	8	2.7	1.4	0.7	0.4	2	0.9
Calcium Dissolved (mg/l as Ca)	0	0	0	0	0	0	0	0	0	0
Chromium Total Recoverable (ug/l as Cr)	16.6	14.8	13.3	19	19.9	3.8	12.9	1.5	7	2.3
Chromium Dissolved (ug/l as Cr)	6	8	9	7	3.9	1.9	2.1	1	1.8	0.8
Cobalt Dissolved (ug/l as Co)	0	0	0	0	0	0	0	0	0	0

SR-45 - 40th Street and South Bank Salt River	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
Copper, Total Recoverable, (ug/l as Cu)	172	242	164	477	154.6	81.7	69.5	22.3	85	59.4
Copper, Dissolved, (ug/l as Cu)	95.3	133	50	216	56.3	32.7	16.3	5.8	40	26.9
Iron, Dissolved, (ug/l as Fe)	0	0	0	0	0	0	0	0	0	0
Lead, Total Recoverable, (ug/l as Pb)	120	143	47.7	430	105.3	61.1	33.4	7.5	71.9	53.5
Lead, Dissolved, (ug/l as Pb)	158	235	40	430	67.1	58.2	7.4	4.6	59.6	53.5
Lithium, Dissolved, (ug/l as Li)	0	0	0	0	0	0	0	0	0	0
Magnesium, Dissolved, (mg/l as Mg)	0	0	0	0	0	0	0	0	0	0
Manganese, Dissolved, (ug/l as Mn)	0	0	0	0	0	0	0	0	0	0
Mercury, Total Recoverable, (ug/l as Hg)	0.2	0.2	0.2	0.2	0.5	0	0.3	0	0.1	0
Mercury, Dissolved, (ug/l as Hg)	0	0	0	0	0	0	0	0	0	0
Molybdenum, Dissolved, (ug/l as Mo)	0	0	0	0	0	0	0	0	0	0
Nickel, Total Recoverable, (ug/l as Ni)	50	50	50	0	13.5	6.4	3.9	3.9	9.5	2.4
Nickel, Dissolved, (ug/l as Ni)	60	60	0	60	16.9	9.8	2.3	2.3	14.5	7.4
Potassium, Dissolved, (mg/l as k)	20	20	0	20	2400	2400	0	0	2400	2400
Selenium, Total, (ug/l as Se)	0	0	0	0	4.2	1.3	0.7	0.7	3.4	0.6
Selenium, Dissolved, (ug/l as Se)	0	0	0	0	4	1.2	0.5	0.5	3.4	0.6
Silver, Total Recoverable, (ug/l as Ag)	0	0	0	0	14.8	13.8	7.5	7.5	7.2	6.2
Silver, Dissolved, (ug/l as Ag)	0	0	0	0	13.2	12.2	5.9	5.9	7.2	6.2
Sodium, Dissolved, (mg/l as Na)	0	0	0	0	0	0	0	0	0	0
Strontium, Dissolved, (ug/l as Sr)	0	0	0	0	0	0	0	0	0	0
Thallium, Total, (ug/l as Tl)	0	0	0	0	4.8	0.2	0.1	0.1	4.6	0.1
Thallium, Dissolved, (ug/l as Tl)	0	0	0	0	4.8	0.2	0.1	0.1	4.6	0.1
Vanadium, Dissolved, (ug/l as V)	0	0	0	0	0	0	0	0	0	0
Zinc, Total Recoverable, (ug/l as Zn)	2914	5418	323	20700	2920	2627	249	46.4	2670.9	2580
Zinc, Dissolved, (ug/l as Zn)	2360	3880	170	11300	1472	1445	44.4	36.3	1427.6	1408.4
Diazinon, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Ethion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Malathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Trithion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-syston, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phorate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
DEF, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Fonofos(Dy-fonate), WWT, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aldrin, Total, (ug/l)	0	0	0	0	0.1	0	0	0	0.1	0
BHC - ALPHA, (ug/l)	0	0	0	0	0	0	0	0	0	0
BHC - Gamma (Lindane), (ug/l)	0	0	0	0	0	0	0	0	0	0
BHC - DELTA, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1k16, PCB, Total, (ug/l)	0	0	0	0	0.3	0	0	0	0.2	0
Aroclor 1221, PCB, Total, (ug/l)	0	0	0	0	6.1	0	0	0	6	0
Aroclor 1232, PCB, Total, (ug/l)	0	0	0	0	1.2	0	0	0	1.2	0

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Aroclor 1242, PCB, Total, (ug/l)	0	0	0	0	0.8	0	0	0	0.7	0
Aroclor 1248, PCB, Total, (ug/l)	0	0	0	0	0.3	0	0	0	0.2	0
Aroclor 1254, PCB, Total, (ug/l)	0	0	0	0	0.3	0	0	0	0.2	0
Aroclor 126k, PCB, Total, (ug/L)	0	0	0	0	0.5	0	0	0	0.5	0
Chlordane, Total, (ug/l)	0	0	0	0	0.2	0	0	0	0.1	0
P,P' DDD, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
P,P' DDE, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
P, P' DDT, Total, (ug/l)	0	0	0	0	0.1	0	0	0	0.1	0
Dieldrin, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Alpha, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Beta, Total, (ug/l)	0	0	0	0	0.1	0	0	0	0.1	0
Endo-Sulfan Sulfate, Total, (ug/l)	0	0	0	0	0.1	0	0	0	0	0
Endrin Aldehyde, Total, (ug/l)	0	0	0	0	0.1	0	0	0	0	0
Endrin, Total, (ug/l)	0	0	0	0	0.1	0	0	0	0.1	0
Heptachlor, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Heptachlor Epoxide, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Toxaphene, Total, (ug/l)	0	0	0	0	0.3	0	0	0	0.3	0
Methoxychlor, Total, (ug/l)	0	0	0	0	0.5	0	0	0	0.5	0
Beta Benzene Hexachloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
1,1,1,2-Tetrachloroethane, Total,(ug/l)	0	0	0	0	0	0	0	0	0	0
Tetrachloroethene, PCE, Total, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
1,1,1- Trichloroethane, Total, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
1,1,2- Trichloroethane, Total, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
Trichloroethene, Total, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
1,1- Dichloroethane, Total, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
1,1- Dichloroethene, Total, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
1,2- Dichloroethane, Total, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
1,2- Dichloropropane, Total, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
2- Chloroethylvinyl Ether, Total, (ug/l)	0	0	0	0	4.5	0.4	2.9	0.3	1.6	0.1
cis-1,3-Dichloropropene, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
trans-1,2- Dichloroethene, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
trans-1,3- Dichloropropene, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
Benzene, Total, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
Bromodichloromethane, Total, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
Bromoform, Total, (ug/l)	0	0	0	0	4.5	0.4	2.9	0.3	1.6	0.1
Carbon Tetrachloride, Total, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
Chlorobenzene, Total, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
Chloroethane, (ug/l)	0	0	0	0	5.1	1	3.3	0.7	1.7	0.2
Chloroform, Total, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
Ethyl-Benzene, Total, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
Methylene Chloride, Total, (ug/l)	0	0	0	0	4.1	0	2.6	0	1.5	0
Toluene, Total, (ug/l)	2.7	3.4	0	3.4	2	0.4	1.3	0.3	0.7	0.1

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Trichlorofluoromethane, Total, (ug/l)	0	0	0	0	4.5	0.4	2.9	0.3	1.6	0.1
Vinyl Chloride, Total, (ug/l)	0	0	0	0	5.1	1	3.3	0.7	1.7	0.2
Chlorodibromomethane, Total, (ug/l)	0	0	0	0	2	0.4	1.3	0.3	0.7	0.1
4- Methyl, 2- Pentanone, (MIBk), Total, (ug/L)	8.7	0	0	0	4.3	0	2.6	0	1.7	0
Acetone, Total, (ug/l)	30.3	0	0	0	7.5	2	1.5	1.5	6	0.5
2-Butanone, (ug/l)	0	0	0	0	3.9	2	1.5	1.5	2.3	0.5
Carbon Disulfide, Total, (ug/l)	0	0	0	0	2.9	2	1.5	1.5	1.4	0.5
1,2 Dichloroethene, Total, (ug/l)	0	0	0	0	0.4	0.4	0.3	0.3	0.1	0.1
Xylenes, Total, (ug/l)	3.97	0	0	0	1.1	0.4	0.3	0.3	0.8	0.1
2-Hexanone, Total, (ug/l)	0	0	0	0	3.9	2	1.5	1.5	2.3	0.5
Styrene, Total, (ug/l)	0	0	0	0	0.7	0.4	0.3	0.3	0.4	0.1
Acrolein, Total, (ug/l)	0	0	0	0	2	2	1.5	1.5	0.5	0.5
Acrylonitirile, Total, (ug/l)	0	0	0	0	2	2	1.5	1.5	0.5	0.5
Bromobenzene, Water Whole, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,3-Dichloropropane, Water Whole, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Bromide, Total, (ug/l)	0	0	0	0	0.7	0	0	0	0.7	0
Methyl Chloride, Total, (ug/l)	0	0	0	0	4.1	0	2.6	0	1.5	0
Parachloro Toluene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dibromoethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acenaphthene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Acenaphthylene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Anthracene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Benzidine, Total, (ug/l)	0	0	0	0	43.1	0.2	14.9	0.2	28.2	0
Benzoic Acid, Total, (ug/l)	67.5	67.5	67.5	0	46.8	3.8	18.6	3.8	28.2	0
Benzo (a) Anthracene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Benzo (b) Fluoranthene, Total, (ug/l)	0	0	0	0	4.6	0.3	1.8	0.3	2.8	0
Benzo (k) Fluoranthene, Total, (ug/l)	0	0	0	0	4.6	0.3	1.8	0.3	2.8	0
Benzo (ghi) Perylene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Benzo (a) Pyrene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Benzyl Alcohol, Total, (ug/l)	7.5	7.5	7.5	0	8.8	0.2	3.2	0.2	5.6	0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	47.8	27.5	27.5	0	15.6	0.8	8.3	0.8	7.3	0
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Butyl Benzyl Phthalate, Total, (ug/l)	0	0	0	0	8.9	0.3	3.2	0.3	5.6	0
2-Chloronapthalene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
2-Chlorophenol, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Chrysene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0	0	0	0	8.9	0.3	3.2	0.3	5.6	0
Di-N-Butyl Phthalate, Total, (ug/l)	0	0	0	0	8.8	0.2	3.1	0.2	5.6	0
1,3- Dichlorobenzene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0

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1,4- Dichlorobenzene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
1,2- Dichlorobenzene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
3,3'- Dichlorobenzidine, Total, (ug/l)	0	0	0	0	17.4	0.3	6.2	0.3	11.1	0
2,4- Dichlorophenol, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Diethyl Phthalate, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
2,4- Dimethylphenol, Total, (ug/l)	0	0	0	0	8.9	0.3	3.2	0.3	5.6	0
Dimethyl Phthalate, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	0	0	0	0	17.4	0.3	6.2	0.3	11.1	0
2,4- Dinitrophenol, Total, (ug/l)	0	0	0	0	43.6	0.6	15.4	0.6	28.2	0
2,4- Dinitrotoluene, Total, (ug/l)	0	0	0	0	4.6	0.3	1.8	0.3	2.8	0
2,6- Dinitrotoluene, Total, (ug/l)	0	0	0	0	4.6	0.3	1.8	0.3	2.8	0
Di-N-Octyl-Phthalate, Total, (ug/l)	0	0	0	0	17.2	0.2	6.1	0.2	11.1	0
Fluoranthene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Fluorene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Hexachlorobenzene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Hexachlorobutadiene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Hexachlorocyclopentadiene, Total, (ug/l)	0	0	0	0	17.7	0.6	6.5	0.6	11.1	0
Hexachloroethane, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0	0	0	0	8.9	0.3	3.2	0.3	5.6	0
Isophorone, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Naphthalene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Nitrobenzene, Total, (ug/l)	0	0	0	0	17.2	0.2	6.1	0.2	11.1	0
2-Nitrophenol, Total, (ug/l)	0	0	0	0	4.6	0.3	1.8	0.3	2.8	0
4-Nitrophenol, Total, (ug/l)	0	0	0	0	43.2	0.3	15	0.3	28.2	0
N-Nitrosodiphenylamine, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Pentachlorophenol, Total, (ug/l)	0	0	0	0	17.4	0.3	6.2	0.3	11.1	0
Phenanthrene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Phenol, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
Pyrene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
1,2,4-Trichlorobenzene, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
2,4,5- Trichlorophenol, Total, (ug/l)	0	0	0	0	8.8	0.2	3.1	0.2	5.6	0
2,4,6- Trichlorophenol, Total, (ug/l)	0	0	0	0	8.8	0.2	3.1	0.2	5.6	0
N-Nitrosodimethylamine, Total, (ug/l)	0	0	0	0	4.4	0.2	1.6	0.2	2.8	0
1,2- Diphenylhydrazine, Total, (ug/l)	0	0	0	0	161	0	0	0	161.1	0
Dichlorodifluoromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parachloro-Meta-Cresol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

IB-08
Indian Bend Wash at 40th Street

IB-08 - Indian Bend Wash and 40th Street	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
BOD5 (mg/l)	50.4	79.5	86	66.5	715700	507100	375400	300600	340200	206500
COD High Level (mg/l)	222	187	160	231	2125800	1097400	1263900	660200	861900	437100
Chloride (mg/l as Cl)	22.3	28.5	7.33	49.7	239800	168700	84700	35900	155000	132800
Cyanide Total (mg/l as Cn)	0	0	0	0	100	100	100	100	0	0
Solids Residue at 18k Deg. C (TDS) (mg/l)	274	281	182	413	2634300	1572800	1465500	793700	1168700	779000
Residue, Total at 1k5 Deg. C (TSS) (mg/l)	255	258	281	212	3251600	1631100	1787100	805600	1464500	825500
Nitrogen No2 + No3, Total (mg/l as N)	1.36	1.60	0.88	2.32	12700	8500	6300	4500	6300	4000
TKN Nitrogen (mg/l as N)	4.95	6.11	5.17	7.66	59300	42600	33200	23200	26000	19300
Nitrogen, Ammonia + Organic, Total (mg/l as N)	4.92	6.11	5.17	7.66	59000	42600	33200	23200	25700	19300
Nitrogen Nitrate Total (mg/l as N)	1.39	1.54	0.88	2.21	11300	8500	6300	4500	5000	3900
Nitrogen Nitrite Total (mg/l as N)	0.12	0.17	0	0.17	1200	800	800	500	400	300
Nitrogen Ammonia Total (mg/l as N)	2.27	2.39	1.64	3.64	23200	17400	12300	8200	10800	9200
Nitrogen Organic Total (mg/l as N)	3.46	3.72	3.53	4.02	26200	25200	15000	15000	11100	10100
Phosphorous Total (mg/l as P)	0.80	0.59	0.72	0.38	10300	4000	8100	3200	2100	700
Phosphorous Dissolved (mg/l as P)	0.28	0.30	0.28	0.32	3400	2200	2300	1500	1100	700
Phosphorous Ortho (mg/l as P)	0	0	0	0	0	0	0	0	0	0
Sulfate Dissolved (mg/l)	52.9	74	15	113	360600	209900	154300	54000	206300	155900
Hexavalent Chromium Total (mg/l)	0	0	0	0	0	0	0	0	0	0
Phenols Total Recoverable (ug/l)	18.2	18.3	20	16	226.1	165	156.7	120.3	69.4	44.6
Oil and Grease Total Recoverable (mg/l)	143	6.5	6.5	0	712700	62000	657700	31300	55000	30600
Organic Carbon, Total (mg/l)	50	50	32.25	73.7	276600	276600	164500	164500	112100	112100
Bicarbonate Whole Field (mg/l as HCo3)	0	0	0	0	0	0	0	0	0	0
Bicarbonate Dissolved, Field (mg/l as HCo3)	0	0	0	0	0	0	0	0	0	0
Carbonate Water Field (mg/l as Co3)	0	0	0	0	0	0	0	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)	0	0	0	0	0	0	0	0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)	0	0	0	0	0	0	0	0	0	0
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	0	0	0	0	0	0	0	0	0	0
Alkalinity LAB (mg/l as CaCo3)	63.9	63.9	58	71.7	370300	370300	217800	217800	152500	152500
Silica Dissolved (mg/l as SiO2)	0	0	0	0	0	0	0	0	0	0
Hardness (mg/l)	144	152	130	188	994800	936400	517300	517300	477500	419100
Antimony (ug/l as Sb)	0	0	0	0	49.7	46.1	30	30	19.7	16
Antimony Dissolved (ug/l as Sb)	0	0	0	0	79.4	42.9	26.8	26.8	52.5	16
Arsenic Total (ug/l as As)	6	6	6	6	228	47.1	113	30.7	115.1	16.4
Arsenic Dissolved (ug/l as As)	8.5	6	0	6	135	43.2	102	26.8	32.7	16.3
Barium Dissolved (ug/l as Ba)	0	0	0	0	0	0	0	0	0	0
Beryllium Total Recoverable (ug/l as Be)	4	4	5	3	25.7	22.8	16.1	16.1	9.6	6.7
Beryllium Dissolved (ug/l as Be)	0	0	0	0	20	17.1	10.7	10.7	9.3	6.4
Cadmium Total Recoverable (ug/l as Cd)	6	6	6	0	155	39.6	65.1	26.7	89.6	12.8
Cadmium Dissolved (ug/l as Cd)	0	0	0	0	40.6	34.3	23.2	21.5	17.4	12.8
Calcium Dissolved (mg/l as Ca)	0	0	0	0	0	0	0	0	0	0
Chromium Total Recoverable (ug/l as Cr)	9.74	9.83	10.7	9	221	65.8	101	42.3	119.2	23.5
Chromium Dissolved (ug/l as Cr)	5	0	0	0	61.2	42.9	32.3	26.8	28.8	16
Cobalt Dissolved (ug/l as Co)	0	0	0	0	0	0	0	0	0	0

IB-08 - Indian Bend Wash and 40th Street	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
Copper, Total Recoverable, (ug/l as Cu)	52.8	45.6	39	54.3	595	332	300	164	295.5	167.6
Copper, Dissolved, (ug/l as Cu)	23.25	30	21	34.5	363	190	130	.85	232.9	105
Iron, Dissolved, (ug/l as Fe)	0	0	0	0	0	0	0	0	0	0
Lead, Total Recoverable, (ug/l as Pb)	23.9	20.1	19.8	20.7	352	155	167	85.7	185.7	69.4
Lead, Dissolved, (ug/l as Pb)	13	13	5	21	121	87.7	47.4	26.8	73.6	60.8
Lithium, Dissolved, (ug/l as Li)	0	0	0	0	0	0	0	0	0	0
Magnesium, Dissolved, (mg/l as Mg)	0	0	0	0	0	0	0	0	0	0
Manganese, Dissolved, (ug/l as Mn)	0	0	0	0	0	0	0	0	0	0
Mercury, Total Recoverable, (ug/l as Hg)	0	0	0	0	6	1.8	3.4	1.2	2.6	0.6
Mercury, Dissolved, (ug/l as Hg)	0	0	0	0	1.8	1.7	1	1	0.7	0.6
Molybdenum, Dissolved, (ug/l as Mo)	0	0	0	0	0	0	0	0	0	0
Nickel, Total Recoverable, (ug/l as Ni)	31	31	32	30	257	220	128	128	128.6	92.2
Nickel, Dissolved, (ug/l as Ni)	0	0	0	0	208	172	108	108	100.6	64.2
Potassium, Dissolved, (mg/l as k)	0	0	0	0	0	0	0	0	0	0
Selenium, Total, (ug/l as Se)	0	0	0	0	60.7	46.1	30	30	30.6	16
Selenium, Dissolved, (ug/l as Se)	0	0	0	0	57.5	42.9	26.8	26.8	30.6	16
Silver, Total Recoverable, (ug/l as Ag)	0	0	0	0	468.5	461.2	300.7	300.7	167.8	160.5
Silver, Dissolved, (ug/l as Ag)	0	0	0	0	437	429	269	269	167.8	160.5
Sodium, Dissolved, (mg/l as Na)	0	0	0	0	0	0	0	0	0	0
Strontium, Dissolved, (ug/l as Sr)	0	0	0	0	0	0	0	0	0	0
Thallium, Total, (ug/l as Tl)	0	0	0	0	10.6	9.2	6	6	4.6	3.2
Thallium, Dissolved, (ug/l as Tl)	0	0	0	0	10	8.5	5.3	5.3	4.6	3.2
Vanadium, Dissolved, (ug/l as V)	0	0	0	0	0	0	0	0	0	0
Zinc, Total Recoverable, (ug/l as Zn)	270	189	176	210	3546	1508	2530	815	1015.3	692.7
Zinc, Dissolved, (ug/l as Zn)	86.3	65.7	30	113	961	730	300	196	661.4	533.5
Diazinon, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Ethion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Malathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Trithion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-syston, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phorate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
DEF, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Fonofos(Dy-fonate), WWT, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aldrin, Total, (ug/l)	0	0	0	0	5	4.6	3.1	3	1.8	1.6
BHC - ALPHA, (ug/l)	0	0	0	0	4.8	4.6	3	3	1.7	1.6
BHC - Gamma (Lindane), (ug/l)	0	0	0	0	4.8	4.6	3	3	1.7	1.6
BHC - DELTA, (ug/l)	0	0	0	0	6.4	4.6	3.6	3	2.7	1.6
Aroclor 1k16, PCB, Total, (ug/l)	0	0	0	0	9.1	4.6	4.6	3	4.4	1.6
Aroclor 1221, PCB, Total, (ug/l)	0	0	0	0	9.1	4.6	4.6	3	4.4	1.6
Aroclor 1232, PCB, Total, (ug/l)	0	0	0	0	9.1	4.6	4.6	3	4.4	1.6

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Aroclor 1242, PCB, Total, (ug/l)	0	0	0	0	9.1	4.6	4.6	3	4.4	1.6
Aroclor 1248, PCB, Total, (ug/l)	0	0	0	0	9.1	4.6	4.6	3	4.4	1.6
Aroclor 1254, PCB, Total, (ug/l)	0	0	0	0	9.1	4.6	4.6	3	4.4	1.6
Aroclor 126k, PCB, Total, (ug/L)	0	0	0	0	9.1	4.6	4.6	3	4.4	1.6
Chlordane, Total, (ug/l)	0	0	0	0	5.2	4.6	3.2	3	2	1.6
P,P' DDD, Total, (ug/l)	0	0	0	0	5	4.6	3.1	3	1.8	1.6
P,P' DDE, Total, (ug/l)	0	0	0	0	4.8	4.6	3	3	1.7	1.6
P, P' DDT, Total, (ug/l)	0	0	0	0	5	4.6	3.1	3	1.8	1.6
Dieldrin, Total, (ug/l)	0	0	0	0	5	4.6	3.1	3	1.8	1.6
Endo-Sulfan Alpha, Total, (ug/l)	0	0	0	0	5.2	4.6	3.2	3	2	1.6
Endo-Sulfan Beta, Total, (ug/l)	0	0	0	0	5	4.6	3.1	3	1.8	1.6
Endo-Sulfan Sulfate, Total, (ug/l)	0	0	0	0	8	4.6	4.2	3	3.7	1.6
Endrin Aldehyde, Total, (ug/l)	0	0	0	0	5.7	4.6	3.4	3	2.3	1.6
Endrin, Total, (ug/l)	0	0	0	0	1.3	0.9	0.7	0.6	0.6	0.3
Heptachlor, Total, (ug/l)	0	0	0	0	5	4.6	3.1	3	1.8	1.6
Heptachlor Epoxide, Total, (ug/l)	0	0	0	0	5	4.6	3.1	3	1.8	1.6
Toxaphene, Total, (ug/l)	0	0	0	0	6.8	4.6	3.8	3	3	1.6
Methoxychlor, Total, (ug/l)	0	0	0	0	31.5	0	16.9	0	14.6	0
Beta Benzene Hexachloride, Total, (ug/l)	0	0	0	0	4.7	4.6	3	3	1.6	1.6
1,1,2,2-Tetrachloroethane, Total, (ug/l)	0	0	0	0	27.8	16.2	14.3	9.8	13.4	6.4
1,1,1,2-Tetrachloroethane, Total,(ug/l)	0	0	0	0	0	0	0	0	0	0
Tetrachloroethene, PCE, Total, (ug/l)	19	0	0	0	42	16.2	14.3	9.8	27.7	6.4
1,1,1- Trichloroethane, Total, (ug/l)	0	0	0	0	27.8	16.2	14.3	9.8	13.4	6.4
1,1,2- Trichloroethane, Total, (ug/l)	0	0	0	0	27.8	16.2	14.3	9.8	13.4	6.4
Trichloroethene, Total, (ug/l)	0	0	0	0	27.8	16.2	14.3	9.8	13.4	6.4
1,1- Dichloroethane, Total, (ug/l)	0	0	0	0	27.8	16.2	14.3	9.8	13.4	6.4
1,1- Dichloroethene, Total, (ug/l)	0	0	0	0	32.4	16.2	14.3	9.8	18	6.4
1,2- Dichloroethane, Total, (ug/l)	0	0	0	0	27.1	16.2	14.3	9.8	12.7	6.4
1,2- Dichloropropane, Total, (ug/l)	0	0	0	0	27.8	16.2	14.3	9.8	13.4	6.4
2- Chloroethylvinyl Ether, Total, (ug/l)	0	0	0	0	44.6	16.2	21.1	9.8	23.4	6.4
cis-1,3-Dichloropropene, (ug/l)	0	0	0	0	29.2	16.2	14.3	9.8	14.9	6.4
trans-1,2- Dichloroethene, (ug/l)	0	0	0	0	29.9	16.2	14.3	9.8	15.5	6.4
trans-1,3- Dichloropropene, (ug/l)	0	0	0	0	29.9	16.2	14.3	9.8	15.5	6.4
Benzene, Total, (ug/l)	0	0	0	0	26.9	16.2	14.3	9.8	12.5	6.4
Bromodichloromethane, Total, (ug/l)	0	0	0	0	29.9	16.2	14.3	9.8	15.5	6.4
Bromoform, Total, (ug/l)	0	0	0	0	38.9	16.2	21.1	9.8	17.7	6.4
Carbon Tetrachloride, Total, (ug/l)	0	0	0	0	32.4	16.2	14.3	9.8	18	6.4
Chlorobenzene, Total, (ug/l)	0	0	0	0	29.9	16.2	14.3	9.8	15.5	6.4
Chloroethane, (ug/l)	7.5	7.5	7.5	0	70.6	43.9	39.2	27.9	31.3	16
Chloroform, Total, (ug/l)	10.9	10.9	0	10.9	52.7	41.1	14.3	9.8	38.3	31.3
Ethyl-Benzene, Total, (ug/l)	0	0	0	0	26.9	16.2	14.3	9.8	12.5	6.4
Methylene Chloride, Total, (ug/l)	0	0	0	0	33.9	0	11.2	0	22.6	0
Toluene, Total, (ug/l)	0	0	0	0	26.9	16.2	14.3	9.8	12.5	6.4

IB-08 - Indian Bend Wash and 40th Street	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
Trichlorofluoromethane, Total, (ug/l)	0	0	0	0	34.1	16.2	21.1	9.8	13	6.4
Vinyl Chloride, Total, (ug/l)	0	0	0	0	76.3	44.5	39.7	28.4	36.6	16
Chlorodibromomethane, Total, (ug/l)	0	0	0	0	29.9	16.2	14.3	9.8	15.5	6.4
4- Methyl, 2- Pentanone, (MIBk), Total, (ug/L)	0	0	0	0	0	0	0	0	0	0
Acetone, Total, (ug/l)	38	57	57	0	128	105	73.1	73.1	54.3	32.1
2-Butanone, (ug/l)	0	0	0	0	105	89	56.9	56.9	47.8	32.1
Carbon Disulfide, Total, (ug/l)	0	0	0	0	86.1	82.4	50.3	50.3	35.7	32.1
1,2 Dichloroethene, Total, (ug/l)	0	0	0	0	17.7	16.2	9.8	9.8	7.8	6.4
Xylenes, Total, (ug/l)	0	0	0	0	24.4	16.2	9.8	9.8	14.6	6.4
2-Hexanone, Total, (ug/l)	0	0	0	0	105	89	56.9	56.9	47.8	32.1
Styrene, Total, (ug/l)	0	0	0	0	19.4	16.2	9.8	9.8	9.5	6.4
Acrolein, Total, (ug/l)	0	0	0	0	102	102	70.1	70.1	32.1	32.1
Acrylonitirile, Total, (ug/l)	0	0	0	0	102	102	70.1	70.1	32.1	32.1
Bromobenzene, Water Whole, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,3-Dichloropropane, Water Whole, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Bromide, Total, (ug/l)	0	0	0	0	6.8	0.2	0.2	0.2	6.6	0
Methyl Chloride, Total, (ug/l)	0	0	0	0	31.4	0.2	11.5	0.2	19.9	0
Parachloro Toluene, Total, (ug/l)	0	0	0	0	20.9	0	11.2	0	9.6	0
Dibromoethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acenaphthene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Acenaphthylene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Anthracene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Benzidine, Total, (ug/l)	0	0	0	0	546	29.5	240	19.9	305	9.6
Benzoic Acid, Total, (ug/l)	34.6	34.6	27.25	64	400	121	308	87.5	92.4	32.9
Benzo (a) Anthracene, Total, (ug/l)	0	0	0	0	6026	29.5	42	19.9	5984.1	9.6
Benzo (b) Fluoranthene, Total, (ug/l)	0	0	0	0	77.3	49.3	55.3	33.2	21.9	16
Benzo (k) Fluoranthene, Total, (ug/l)	0	0	0	0	101	49.3	55.3	33.2	45.5	16
Benzo (ghi) Perylene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Benzo (a) Pyrene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Benzyl Alcohol, Total, (ug/l)	4.2	4.2	4.2	0	84.4	28.4	62.9	18.8	21.5	9.6
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	30.4	19.2	18	21.5	293	139	169	76.9	123.9	62.3
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Butyl Benzyl Phthalate, Total, (ug/l)	0	0	0	0	153	49.3	77.3	33.2	75.1	16
2-Chloronapthalene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
2-Chlorophenol, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Chrysene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0	0	0	0	153	49.3	77.3	33.2	75.1	16
Di-N-Butyl Phthalate, Total, (ug/l)	4.8	4.8	4.8	0	135	32	66.5	22.4	68.7	9.6
1,3- Dichlorobenzene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6

IB-08 - Indian Bend Wash and 40th Street	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
1,4- Dichlorobenzene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
1,2- Dichlorobenzene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
3,3'- Dichlorobenzidine, Total, (ug/l)	0	0	0	0	256	49.3	121	33.2	134.9	16
2,4- Dichlorophenol, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Diethyl Phthalate, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
2,4- Dimethylphenol, Total, (ug/l)	0	0	0	0	153	49.3	77.3	33.2	75.1	16
Dimethyl Phthalate, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	0	0	0	0	256	49.3	121	33.2	134.9	16
2,4- Dinitrophenol, Total, (ug/l)	0	0	0	0	615	98.6	287	66.5	327.5	32.1
2,4- Dinitrotoluene, Total, (ug/l)	0	0	0	0	101	49.3	55.3	33.2	45.5	16
2,6- Dinitrotoluene, Total, (ug/l)	0	0	0	0	101	49.3	55.3	33.2	45.5	16
Di-N-Octyl-Phthalate, Total, (ug/l)	0	0	0	0	237	29.5	108	19.9	128.5	9.6
Fluoranthene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Fluorene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Hexachlorobenzene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Hexachlorobutadiene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Hexachlorocyclopentadiene, Total, (ug/l)	0	0	0	0	306	98.6	155	66.5	150.9	32.1
Hexachloroethane, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0	0	0	0	153	49.3	77.3	33.2	75.1	16
Isophorone, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Naphthalene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Nitrobenzene, Total, (ug/l)	0	0	0	0	237	29.5	108	19.9	128.5	9.6
2-Nitrophenol, Total, (ug/l)	0	0	0	0	101	49.3	55.3	33.2	45.5	16
4-Nitrophenol, Total, (ug/l)	0	0	0	0	565	49.3	254	33.2	311.5	16
N-Nitrosodiphenylamine, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Pentachlorophenol, Total, (ug/l)	0	0	0	0	256	49.3	121	33.2	134.9	16
Phenanthrene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Phenol, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
Pyrene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
1,2,4-Trichlorobenzene, Total, (ug/l)	0	0	0	0	81.1	29.5	42	19.9	39.1	9.6
2,4,5- Trichlorophenol, Total, (ug/l)	0	0	0	0	85.5	29.5	64	19.9	21.5	9.6
2,4,6- Trichlorophenol, Total, (ug/l)	0	0	0	0	133	29.5	64	19.9	68.7	9.6
N-Nitrosodimethylamine, Total, (ug/l)	0	0	0	0	51.6	29.5	42	19.9	9.6	9.6
1,2- Diphenylhydrazine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dichlorodifluoromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parachloro-Meta-Cresol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

ACDC and 43rd Avenue (USGS)

ACDC at 43rd Avenue and Peoria	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
BOD5 (mg/l)	30.8	0	0	0	2600	0	300	0	2300	0
COD High Level (mg/l)	196	198	235	160	56300	13500	14700	8200	41500	5200
Chloride (mg/l as Cl)	5.09	6.33	7.75	4.9	1500	400	500	300	900	100
Cyanide Total (mg/l as Cn)	0.011	0.012	0.01	0.013	0	0	0	0	0	0
Solids Residue at 18k Deg. C (TDS) (mg/l)	101	117	156	78	29500	8500	10300	6000	19100	2500
Residue, Total at 1k5 Deg. C (TSS) (mg/l)	114	116	97	135	31000	7700	6600	3300	24400	4400
Nitrogen No2 + No3, Total (mg/l as N)	1	1.155	1.55	0.76	200	0	0	0	100	0
TKN Nitrogen (mg/l as N)	0	0	0	0	0	0	0	0	0	0
Nitrogen, Ammonia + Organic, Total (mg/l as N)	3.87	4.7	5.15	4.25	1100	300	300	100	800	100
Nitrogen Nitrate Total (mg/l as N)	0.90	1.12	1.53	0.71	200	0	0	0	100	0
Nitrogen Nitrite Total (mg/l as N)	0.08	0.035	0.02	0.05	0	0	0	0	0	0
Nitrogen Ammonia Total (mg/l as N)	1.77	2.08	2.55	1.6	400	100	100	0	200	0
Phosphorous Total (mg/l as P)	0.49	0.54	0.57	0.51	100	0	0	0	100	0
Phosphorous Dissolved (mg/l as P)	0.34	0.33	0.36	0.3	100	0	0	0	0	0
Phosphorous Ortho (mg/l as P)	0.26	0.28	0.32	0.24	0	0	0	0	0	0
Sulfate Dissolved (mg/l)	10.2	14.7	22.3	7.05	3000	1200	1400	1000	1500	200
Hexavalent Chromium Total (mg/l)	0	0	0	0	0	0	0	0	0	0
Phenols Total Recoverable (ug/l)	18.4	20.5	30	11	6.48	1.8	1.79	1.44	4.69	0.36
Oil and Grease Total Recoverable (mg/l)	3.19	4.25	3.5	5	800	200	100	100	700	100
Organic Carbon, Total (mg/l)	50.8	50.5	64	37	15200	3700	4300	2400	10900	1200
Bicarbonate Whole Field (mg/l as HCo3)	21.6	18.8	16	21.5	5600	1200	1300	500	4200	700
Bicarbonate Dissolved, Field (mg/l as HCo3)	14.7	12.8	10	15.5	4500	700	700	200	3800	500
Carbonate Water Field (mg/l as Co3)	0	0	0	0	0	0	0	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)	0	0	0	0	0	0	0	0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)	17.8	15.5	13	18	4600	1000	1100	400	3500	500
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	12.1	10.8	8.5	13	3700	600	500	200	3100	400
Alkalinity LAB (mg/l as CaCo3)	20.1	21	23.5	18.5	6000	1500	1700	900	4200	600
Silica Dissolved (mg/l as SiO2)	1.3	0	0	0	100	0	0	0	100	0
Hardness (mg/l)	0	0	0	0	0	0	0	0	0	0
Antimony (ug/l as Sb)	0	0	0	0	0	0	0	0	0	0
Antimony Dissolved (ug/l as Sb)	0	0	0	0	0	0	0	0	0	0
Arsenic Total (ug/l as As)	2.53	2.25	3	1.5	0	0	0	0	0	0
Arsenic Dissolved (ug/l as As)	0	0	0	0	0	0	0	0	0	0
Barium Dissolved (ug/l as Ba)	11	0	0	0	1	0	0	0	0	0
Beryllium Total Recoverable (ug/l as Be)	0	0	0	0	2	0	0	0	1	0
Beryllium Dissolved (ug/l as Be)	0.7	0	0	0	0	0	0	0	0	0
Cadmium Total Recoverable (ug/l as Cd)	1	0	0	0	0	0	0	0	0	0
Cadmium Dissolved (ug/l as Cd)	3	0	0	0	0	0	0	0	0	0
Calcium Dissolved (mg/l as Ca)	8.51	9.4	12.5	6.3	2500	700	800	500	1600	200
Chromium Total Recoverable (ug/l as Cr)	4.78	4.5	5	4	1	0	0	0	1	0
Chromium Dissolved (ug/l as Cr)	0	0	0	0	0	0	0	0	0	0
Cobalt Dissolved (ug/l as Co)	0	0	0	0	0	0	0	0	0	0
Copper, Total Recoverable, (ug/l as Cu)	16.7	17.3	19	15.5	4	1	1	0	3	0

ACDC at 43rd Avenue and Peoria	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
Copper, Dissolved, (ug/l as Cu)	10	0	0	0	1	0	0	0	1	0
Iron, Dissolved, (ug/l as Fe)	94.2	0	0	0	8	0	1	0	7	0
Lead, Total Recoverable, (ug/l as Pb)	10.2	9.5	10.5	8.5	2	0	0	0	2	0
Lead, Dissolved, (ug/l as Pb)	0	0	0	0	1	0	0	0	1	0
Lithium, Dissolved, (ug/l as Li)	0	0	0	0	0	0	0	0	0	0
Magnesium, Dissolved, (mg/l as Mg)	1.39	1.63	2.15	1.1	400	100	100	0	200	0
Manganese, Dissolved, (ug/l as Mn)	95.3	0	0	0	9.26	0	1.53	0	7.73	0
Mercury, Total Recoverable, (ug/l as Hg)	0	0	0	0	0.03	0	0	0	0.02	0
Mercury, Dissolved, (ug/l as Hg)	0	0	0	0	0	0	0	0	0	0
Molybdenum, Dissolved, (ug/l as Mo)	10	0	0	0	1.15	0	0.1	0	1.04	0
Nickel, Total Recoverable, (ug/l as Ni)	9.44	10.3	12	8.5	2.79	0.76	0.88	0.48	1.9	0.27
Nickel, Dissolved, (ug/l as Ni)	10	0	0	0	1.15	0	0.1	0	1.04	0
Potassium, Dissolved, (mg/l as k)	1.42	1.65	1.95	1.35	400	100	100	0	300	0
Selenium, Total, (ug/l as Se)	1	0	0	0	0.4	0.06	0.06	0.03	0.33	0.03
Selenium, Dissolved, (ug/l as Se)	0	0	0	0	0	0	0	0	0	0
Silver, Total Recoverable, (ug/l as Ag)	0	0	0	0	0.31	0.06	0.06	0.03	0.25	0.03
Silver, Dissolved, (ug/l as Ag)	0	0	0	0	0.11	0	0.01	0	0.1	0
Sodium, Dissolved, (mg/l as Na)	5.23	6	7.75	4.25	1500	400	500	300	1000	100
Strontium, Dissolved, (ug/l as Sr)	53.8	0	0	0	5.27	0	0.69	0	4.58	0
Thallium, Total, (ug/l as Tl)	0	0	0	0	0.57	0	0.05	0	0.52	0
Thallium, Dissolved, (ug/l as Tl)	0	0	0	0	0	0	0	0	0	0
Vanadium, Dissolved, (ug/l as V)	10	0	0	0	0.84	0	0.09	0	0.74	0
Zinc, Total Recoverable, (ug/l as Zn)	189	205	255	155	55.7	15.6	18.5	10.5	37.22	5.09
Zinc, Dissolved, (ug/l as Zn)	94.5	0	0	0	9.34	0	1.53	0	7.8	0
Diazinon, Total, (ug/l)	0.12	0	0	0	0	0	0	0	0	0
Ethion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Malathion, Total, (ug/l)	0.04	0	0	0	0	0	0	0	0	0
Methyl Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Trithion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-syston, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phorate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos, Total, (ug/l)	0.01	0	0	0	0	0	0	0	0	0
DEF, Total, (ug/l)	0.03	0	0	0	0	0	0	0	0	0
Fonofos(Dy-fonate), WWT, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aldrin, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
BHC - ALPHA, (ug/l)	0	0	0	0	0	0	0	0	0	0
BHC - Gamma (Lindane), (ug/l)	0	0	0	0	0	0	0	0	0	0
BHC - DELTA, (ug/l)	0	0	0	0	0.01	0	0	0	0	0
Aroclor 1k16, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1221, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1232, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1242, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

ACDC at 43rd Avenue and Peoria	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
Aroclor 1248, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1254, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 126k, PCB, Total, (ug/L)	0	0	0	0	0	0	0	0	0	0
Chlordane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
P,P' DDD, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
P,P' DDE, Total, (ug/l)	0.1	0	0	0	0	0	0	0	0	0
P, P' DDT, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dieldrin, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Alpha, Total, (ug/l)	0	0	0	0	0.01	0	0.01	0	0	0
Endo-Sulfan Beta, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Sulfate, Total, (ug/l)	0	0	0	0	0.01	0	0	0	0.01	0
Endrin Aldehyde, Total, (ug/l)	0	0	0	0	0.03	0	0.02	0	0.01	0
Endrin, Total, (ug/l)	0	0	0	0	0.01	0	0	0	0	0
Heptachlor, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Heptachlor Epoxide, Total, (ug/l)	0	0	0	0	0.15	0	0.08	0	0.07	0
Toxaphene, Total, (ug/l)	0	0	0	0	0.05	0	0	0	0.05	0
Methoxychlor, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Beta Benzene Hexachloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
1,1,1,2-Tetrachloroethane, Total,(ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Tetrachloroethene, PCE, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,1- Trichloroethane, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
1,1,2- Trichloroethane, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Trichloroethene, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
1,1- Dichloroethane, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
1,1- Dichloroethene, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
1,2- Dichloroethane, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
1,2- Dichloropropane, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
2- Chloroethylvinyl Ether, Total, (ug/l)	0	0	0	0	4.89	0	0.05	0	4.83	0
cis-1,3-Dichloropropene, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
trans-1,2- Dichloroethene, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
trans-1,3- Dichloropropene, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Benzene, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Bromodichloromethane, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Bromoform, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Carbon Tetrachloride, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Chlorobenzene, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Chloroethane, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Chloroform, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Ethyl-Benzene, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Methylene Chloride, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Toluene, Total, (ug/l)	0.2	0	0	0	0.97	0	0.01	0	0.96	0
Trichlorofluoromethane, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0

ACDC at 43rd Avenue and Peoria	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
Vinyl Chloride, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Chlorodibromomethane, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
4- Methyl, 2- Pentanone, (MIBk), Total, (ug/L)	0	0	0	0	0	0	0	0	0	0
Acetone, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Butanone, (ug/l)	0	0	0	0	0	0	0	0	0	0
Carbon Disulfide, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2 Dichloroethene, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Xylenes, Total, (ug/l)	0.25	0	0	0	0.98	0	0.01	0	0.97	0
2-Hexanone, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Styrene, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Acrolein, Total, (ug/l)	0	0	0	0	76.2	0	1.09	0	75.09	0
Acrylonitirile, Total, (ug/l)	0	0	0	0	76.2	0	1.09	0	75.09	0
Bromobenzene, Water Whole, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
1,3-Dichloropropane, Water Whole, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Methyl Bromide, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Methyl Chloride, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Parachloro Toluene, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Dibromoethane, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Acenaphthene, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Acenaphthylene, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Anthracene, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Benzidine, Total, (ug/l)	0	0	0	0	3.94	0	0.43	0	3.5	0
Benzoic Acid, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (a) Anthracene, Total, (ug/l)	0	0	0	0	0.98	0	0.1	0	0.87	0
Benzo (b) Fluoranthene, Total, (ug/l)	16.3	0	0	0	1.28	0	0.2	0	1.07	0
Benzo (k) Fluoranthene, Total, (ug/l)	12	0	0	0	1	0	0.1	0	0.89	0
Benzo (ghi) Perylene, Total, (ug/l)	0	0	0	0	0.98	0	0.1	0	0.87	0
Benzo (a) Pyrene, Total, (ug/l)	0	0	0	0	0.98	0	0.1	0	0.87	0
Benzyl Alcohol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	8	0	0	0	0.62	0	0.05	0	0.57	0
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Butyl Benzyl Phthalate, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
2-Chloronapthalene, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
2-Chlorophenol, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Chrysene, Total, (ug/l)	14.7	0	0	0	1.2	0	0.15	0	1.05	0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-N-Butyl Phthalate, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
1,3- Dichlorobenzene, Total, (ug/l)	0	0	0	0	0.32	0	0.01	0	0.31	0
1,4- Dichlorobenzene, Total, (ug/l)	0	0	0	0	0.32	0	0.01	0	0.31	0

ACDC at 43rd Avenue and Peoria	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
1,2- Dichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
3,3'- Dichlorobenzidine, Total, (ug/l)	0	0	0	0	1.97	0	0.21	0	1.75	0
2,4- Dichlorophenol, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Diethyl Phthalate, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
2,4- Dimethylphenol, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Dimethyl Phthalate, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	0	0	0	0	2.95	0	0.32	0	2.63	0
2,4- Dinitrophenol, Total, (ug/l)	0	0	0	0	1.97	0	0.21	0	1.75	0
2,4- Dinitrotoluene, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
2,6- Dinitrotoluene, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Di-N-Octyl-Phthalate, Total, (ug/l)	0	0	0	0	0.98	0	0.1	0	0.87	0
Fluoranthene, Total, (ug/l)	13	0	0	0	1.01	0	0.17	0	0.84	0
Fluorene, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Hexachlorobenzene, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Hexachlorobutadiene, Total, (ug/l)	0	0	0	0	0.32	0	0.01	0	0.31	0
Hexachlorocyclopentadiene, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Hexachloroethane, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0	0	0	0	0.98	0	0.1	0	0.87	0
Isophorone, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Naphthalene, Total, (ug/l)	0.4	0	0	0	0.42	0	0.01	0	0.41	0
Nitrobenzene, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
2-Nitrophenol, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
4-Nitrophenol, Total, (ug/l)	0	0	0	0	2.95	0	0.32	0	2.63	0
N-Nitrosodiphenylamine, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Pentachlorophenol, Total, (ug/l)	0	0	0	0	2.95	0	0.32	0	2.63	0
Phenanthrene, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Phenol, Total, (ug/l)	7	0	0	0	0.54	0	0.05	0	0.49	0
Pyrene, Total, (ug/l)	11.3	0	0	0	0.81	0	0.12	0	0.69	0
1,2,4-Trichlorobenzene, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
2,4,5- Trichlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4,6- Trichlorophenol, Total, (ug/l)	0	0	0	0	1.97	0	0.21	0	1.75	0
N-Nitrosodimethylamine, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
1,2- Diphenylhydrazine, Total, (ug/l)	0	0	0	0	0.49	0	0.05	0	0.43	0
Dichlorodifluoromethane, Total, (ug/l)	0	0	0	0	0.97	0	0.01	0	0.96	0
Parachloro-Meta-Cresol, Total, (ug/l)	0	0	0	0	2.95	0	0.32	0	2.63	0

South bank Salt River at 27th Avenue
(USGS)

Salt River and 27th Avenue, south bank	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
BOD5 (mg/l)	568	0	0	0	176600	176600	2000	0	174500	0
COD High Level (mg/l)	490	303	353	150	382600	382600	55300	42500	327300	3200
Chloride (mg/l as Cl)	22.6	17	14.7	20.5	17000	17000	2800	1600	14200	800
Cyanide Total (mg/l as Cn)	0.01	0	0	0	0	0	0	0	0	0
Solids Residue at 180 Deg. C (TDS) (mg/l)	153	149	163	128	116400	116400	28500	19000	87800	5600
Residue, Total at 105 Deg. C (TSS) (mg/l)	952	1320	1607	890	732800	732800	262000	201800	470700	39000
Nitrogen No2 + No3, Total (mg/l as N)	2.52	2.44	2.6	2.2	1900	1900	400	300	1400	0
TKN Nitrogen (mg/l as N)	0	0	0	0	0	0	0	0	0	0
Nitrogen, Ammonia + Organic, Total (mg/l as N)	4.36	6.44	7.7	4.55	3400	3400	1100	900	2300	100
Nitrogen Nitrate Total (mg/l as N)	2.41	2.35	2.54	2.07	1800	1800	400	200	1300	0
Nitrogen Nitrite Total (mg/l as N)	0.11	0.09	0.06	0.14	0	0	0	0	0	0
Nitrogen Ammonia Total (mg/l as N)	0.67	1.15	1.53	0.59	600	600	200	100	400	0
Phosphorous Total (mg/l as P)	0	0	0	0	1400	1400	600	600	700	0
Phosphorous Dissolved (mg/l as P)	1.84	3.44	4.67	1.6	100	100	0	0	0	0
Phosphorous Ortho (mg/l as P)	0.17	0.21	0.24	0.17	100	100	0	0	100	0
Sulfate Dissolved (mg/l)	0.34	0.29	0.28	0.32	11700	11700	2400	1800	9200	600
Hexavalent Chromium Total (mg/l)	15.0	14.8	15	14.5	0	0	0	0	0	0
Phenols Total Recoverable (ug/l)	0	0	0	0	58.3	58.3	1.4	0.9	56.9	0.4
Oil and Grease Total Recoverable (mg/l)	105	9	8.33	10	2300	2300	1000	700	1200	300
Organic Carbon, Total (mg/l)	4.47	7.8	7.33	8.5	103600	103600	19600	15400	84000	1200
Bicarbonate Whole Field (mg/l as HCo3)	117	87.4	127	28	126000	126000	40200	30000	85700	6000
Bicarbonate Dissolved, Field (mg/l as HCo3)	188	204	247	139	27200	27200	7000	4400	20100	1600
Carbonate Water Field (mg/l as Co3)	43.0	39.8	41.7	37	0	0	0	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)	0.09	0.4	0.67	0	300	300	0	0	300	0
Alkalinity Water Field Total (mg/l as CaCo3)	0.83	0	0	0	103600	103600	33200	24800	70300	4900
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	154.25	168	204	114	22800	22800	5700	3600	17000	1300
Alkalinity LAB (mg/l as CaCo3)	36	32.6	34	30.5	62800	62800	16200	10900	46600	4200
Silica Dissolved (mg/l as SiO2)	82.9	97	96.7	97.5	1000	1000	300	0	700	0
Hardness (mg/l)	3.72	0	0	0	0	0	0	0	0	0
Antimony (ug/l as Sb)	0	0	0	0	0	0	0	0	0	0
Antimony Dissolved (ug/l as Sb)	0	0	0	0	0	0	0	0	0	0
Arsenic Total (ug/l as As)	0	0	0	0	10.7	10.7	3.3	2.9	7.4	0.7
Arsenic Dissolved (ug/l as As)	14.5	21.2	24.3	16.5	0	0	0	0	0	0
Barium Dissolved (ug/l as Ba)	0	0	0	0	6.3	6.3	1.9	0	4.4	0
Beryllium Total Recoverable (ug/l as Be)	22.4	0	0	0	6.7	6.7	1.8	1	4.9	0.4
Beryllium Dissolved (ug/l as Be)	0	0	0	0	0.1	0.1	0	0	0.1	0
Cadmium Total Recoverable (ug/l as Cd)	0.6	0	0	0	1.9	1.9	0.6	0.4	1.3	0
Cadmium Dissolved (ug/l as Cd)	2.94	3.2	4	2	0.3	0.3	0	0	0.3	0
Calcium Dissolved (mg/l as Ca)	1.67	0	0	0	13800	13800	3200	2000	10500	600
Chromium Total Recoverable (ug/l as Cr)	18.0	16.6	18.3	14	22.4	22.4	6.9	4.5	15.4	0.9
Chromium Dissolved (ug/l as Cr)	28.6	31.4	38.3	21	1.4	1.4	0.3	0	1.1	0
Cobalt Dissolved (ug/l as Co)	0	0	0	0	0.8	0.8	0.2	0	0.6	0
Copper, Total Recoverable, (ug/l as Cu)	0	0	0	0	74.5	74.5	24.5	18.5	49.9	3.9

Salt River and 27th Avenue, south bank	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
Copper, Dissolved, (ug/l as Cu)	114	126.6	151	89.5	4.1	4.1	1.4	0	2.7	0
Iron, Dissolved, (ug/l as Fe)	16.3	0	0	0	27.8	27.8	9.9	0	17.8	0
Lead, Total Recoverable, (ug/l as Pb)	77.6	0	0	0	182	182	59.8	42.8	121.7	8.9
Lead, Dissolved, (ug/l as Pb)	252	292	350	205	2.9	2.9	0.7	0	2.2	0
Lithium, Dissolved, (ug/l as Li)	10	0	0	0	1.8	1.8	0.4	0	1.3	0
Magnesium, Dissolved, (mg/l as Mg)	7	0	0	0	2800	2800	400	200	2400	100
Manganese, Dissolved, (ug/l as Mn)	3.50	2.54	2.53	2.55	5.3	5.3	2	0	3.2	0
Mercury, Total Recoverable, (ug/l as Hg)	18.2	0	0	0	0	0	0	0	0	0
Mercury, Dissolved, (ug/l as Hg)	0.125	0	0	0	0	0	0	0	0	0
Molybdenum, Dissolved, (ug/l as Mo)	0	0	0	0	2.9	2.9	0.7	0	2.2	0
Nickel, Total Recoverable, (ug/l as Ni)	0	0	0	0	41.2	41.2	12.7	9.3	28.4	1.8
Nickel, Dissolved, (ug/l as Ni)	54.1	62.2	76	41.5	2.9	2.9	0.7	0	2.2	0
Potassium, Dissolved, (mg/l as k)	0	0	0	0	3400	3400	1000	600	2300	100
Selenium, Total, (ug/l as Se)	4.48	4.78	5.27	4.05	1.9	1.9	0.2	0.1	1.7	0.4
Selenium, Dissolved, (ug/l as Se)	0	0	0	0	0	0	0	0	0	0
Silver, Total Recoverable, (ug/l as Ag)	0	0	0	0	0.7	0.7	0.1	0.1	0.5	0
Silver, Dissolved, (ug/l as Ag)	0	0	0	0	0.2	0.2	0	0	0.2	0
Sodium, Dissolved, (mg/l as Na)	0	0	0	0	12200	12200	1900	1200	10200	600
Strontium, Dissolved, (ug/l as Sr)	15.5	12.1	10.8	14	39.5	39.5	9.5	0	29.9	0
Thallium, Total, (ug/l as Tl)	138	0	0	0	15.2	15.2	0.7	0	14.5	0
Thallium, Dissolved, (ug/l as Tl)	0	0	0	0	0	0	0	0	0	0
Vanadium, Dissolved, (ug/l as V)	0	0	0	0	2	2	0.6	0	1.3	0
Zinc, Total Recoverable, (ug/l as Zn)	8	0	0	0	489.3	489.3	132.4	102.2	356.8	18.6
Zinc, Dissolved, (ug/l as Zn)	593	650	800	425	1.4	1.4	0.4	0	1	0
Diazinon, Total, (ug/l)	6	0	0	0	0	0	0	0	0	0
Ethion, Total, (ug/l)	0.34	0	0	0	0	0	0	0	0	0
Malathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Parathion, Total, (ug/l)	0.055	0	0	0	0	0	0	0	0	0
Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Trithion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-syston, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phorate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos, Total, (ug/l)	0.02	0	0	0	0	0	0	0	0	0
DEF, Total, (ug/l)	0.01	0	0	0	0	0	0	0	0	0
Fonofos(Dy-fonate), WWT, (ug/l)	0.08	0	0	0	0	0	0	0	0	0
Aldrin, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
BHC - ALPHA, (ug/l)	0	0	0	0	0	0	0	0	0	0
BHC - Gamma (Lindane), (ug/l)	0	0	0	0	0	0	0	0	0	0
BHC - DELTA, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1k16, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1221, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1232, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1242, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

Salt River and 27th Avenue, south bank	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
Aroclor 1248, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1254, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 126k, PCB, Total, (ug/L)	0.3	0	0	0	0	0	0	0	0	0
Chlordane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
P,P' DDD, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
P,P' DDE, Total, (ug/l)	0	0	0	0	0.1	0.1	0	0	0	0
P, P' DDT, Total, (ug/l)	0.53	0	0	0	0	0	0	0	0	0
Dieldrin, Total, (ug/l)	0.1	0	0	0	0	0	0	0	0	0
Endo-Sulfan Alpha, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Beta, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Sulfate, Total, (ug/l)	0	0	0	0	0.1	0.1	0	0	0.1	0
Endrin Aldehyde, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endrin, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Heptachlor, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Heptachlor Epoxide, Total, (ug/l)	0	0	0	0	0.2	0.2	0	0	0.1	0
Toxaphene, Total, (ug/l)	0	0	0	0	0.5	0.5	0.1	0	0.3	0
Methoxychlor, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Beta Benzene Hexachloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,1,2-Tetrachloroethane, Total,(ug/l)	0	0	0	0	0	0	0	0	0	0
Tetrachloroethene, PCE, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,1- Trichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,2- Trichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Trichloroethene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1- Dichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1- Dichloroethene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2- Dichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2- Dichloropropane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2- Chloroethylvinyl Ether, Total, (ug/l)	0	0	0	0	0.2	0.2	0	0	0.2	0
cis-1,3-Dichloropropene, (ug/l)	0	0	0	0	0	0	0	0	0	0
trans-1,2- Dichloroethene, (ug/l)	0	0	0	0	0	0	0	0	0	0
trans-1,3- Dichloropropene, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bromodichloromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bromoform, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Carbon Tetrachloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chloroethane, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chloroform, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Ethyl-Benzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methylene Chloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Toluene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Trichlorofluoromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

Salt River and 27th Avenue, south bank	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
Vinyl Chloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorodibromomethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
4- Methyl, 2- Pentanone, (MIBk), Total, (ug/L)	0	0	0	0	0	0	0	0	0	0
Acetone, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Butanone, (ug/l)	0	0	0	0	0	0	0	0	0	0
Carbon Disulfide, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2 Dichloroethene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Xylenes, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Hexanone, Total, (ug/l)	0.2	0	0	0	0	0	0	0	0	0
Styrene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acrolein, Total, (ug/l)	0	0	0	0	5.9	5.9	1.4	0	4.4	0
Acrylonitirile, Total, (ug/l)	0	0	0	0	5.9	5.9	1.4	0	4.4	0
Bromobenzene, Water Whole, Total, (ug/l)	0	0	0	0	0.1	0.1	0	0	0.1	0
1,3-Dichloropropane, Water Whole, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Bromide, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Chloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parachloro Toluene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dibromoethane, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Acenaphthene, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Acenaphthylene, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Anthracene, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Benzidine, Total, (ug/l)	0	0	0	0	10	10	2.8	0	7.2	0
Benzoic Acid, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (a) Anthracene, Total, (ug/l)	0	0	0	0	2.5	2.5	0.7	0	1.8	0
Benzo (b) Fluoranthene, Total, (ug/l)	0	0	0	0	2.5	2.5	0.7	0	1.8	0
Benzo (k) Fluoranthene, Total, (ug/l)	0	0	0	0	2.5	2.5	0.7	0	1.8	0
Benzo (ghi) Perylene, Total, (ug/l)	0	0	0	0	2.5	2.5	0.7	0	1.8	0
Benzo (a) Pyrene, Total, (ug/l)	0	0	0	0	2.5	2.5	0.7	0	1.8	0
Benzyl Alcohol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	5	0	0	0	1.2	1.2	0.3	0	0.9	0
Butyl Benzyl Phthalate, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
2-Chloronapthalene, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
2-Chlorophenol, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Chrysene, Total, (ug/l)	0	0	0	0	2.5	2.5	0.7	0	1.8	0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-N-Butyl Phthalate, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
1,3- Dichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,4- Dichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

Salt River and 27th Avenue, south bank	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer SY97)	Average Event Mean Concentration (winter SY97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Summer Seasonal Pollutant Loading (pounds) (SY97)	Winter Seasonal Pollutant Loading (pounds) (all years)	Winter Seasonal Pollutant Loading (pounds) (SY97)
1,2- Dichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
3,3'- Dichlorobenzidine, Total, (ug/l)	0	0	0	0	5	5	1.4	0	3.6	0
2,4- Dichlorophenol, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Diethyl Phthalate, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
2,4- Dimethylphenol, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Dimethyl Phthalate, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	0	0	0	0	7.5	7.5	2.1	0	5.4	0
2,4- Dinitrophenol, Total, (ug/l)	0	0	0	0	5	5	1.4	0	3.6	0
2,4- Dinitrotoluene, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
2,6- Dinitrotoluene, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Di-N-Octyl-Phthalate, Total, (ug/l)	0	0	0	0	2.5	2.5	0.7	0	1.8	0
Fluoranthene, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Fluorene, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Hexachlorobenzene, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Hexachlorobutadiene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Hexachlorocyclopentadiene, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Hexachloroethane, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0	0	0	0	2.5	2.5	0.7	0	1.8	0
Isophorone, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Naphthalene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Nitrobenzene, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
2-Nitrophenol, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
4-Nitrophenol, Total, (ug/l)	0	0	0	0	7.5	7.5	2.1	0	5.4	0
N-Nitrosodiphenylamine, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Pentachlorophenol, Total, (ug/l)	0	0	0	0	7.5	7.5	2.1	0	5.4	0
Phenanthrene, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Phenol, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Pyrene, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
1,2,4-Trichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4,5- Trichlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4,6- Trichlorophenol, Total, (ug/l)	0	0	0	0	5	5	1.4	0	3.6	0
N-Nitrosodimethylamine, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
1,2- Diphenylhydrazine, Total, (ug/l)	0	0	0	0	1.2	1.2	0.3	0	0.9	0
Dichlorodifluoromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parachloro-Meta-Cresol, Total, (ug/l)	0	0	0	0	7.5	7.5	2.1	0	5.4	0

WATER QUALITY DATA

SR-03

North bank of Salt River and 35th Avenue

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							**SR-03**	**SR-03**	**SR-03**	**SR-03**	**SR-03**	**SR-03**	**SR-03**
Date of Sampling							**1/3/92**	**2/6/92**	**3/26/92**	**8/22/92**	**12/5/94**	**1/4/95**	**3/11/95**
Agency Collecting Sample							WWC	WWC	WWC	WWC	FCD	FCD	FCD
Agency Analyzing Sample							ATI	ATI	ATI	ATI	WESTECH	WESTECH	WESTECH
Drainage Area (acres) (DA)							1363	1363	1363	1363	1363	1363	1363
Impervious Area (acres) (IA)							--	--	--	--	--	--	--
Land Use - Residential							286.23	286.23	286.23	286.23	286.23	286.23	286.23
Land Use - Commercial							95.41	95.41	95.41	95.41	95.41	95.41	95.41
Land Use - Industrial							586.09	586.09	586.09	586.09	586.09	586.09	586.09
Land Use - Undeveloped							395.27	395.27	395.27	395.27	395.27	395.27	395.27
Sampling Duration (minutes)							UA	UA	UA	UA	720	600	334
Storm Duration (minutes) (DRN)							UA	UA	UA	UA	UA	UA	322
Runoff Sampled (cubic feet) (RUN)							UA	UA	UA	UA	130000	249000	49675
Total Storm Runoff (cubic feet)							UA	UA	UA	UA	UA	UA	51000
Instantaneous Discharge (cfs)							UA	UA	UA	UA	16.7	27.17	3.963
Preceeding Dry Period (days) (ANT)							UA	UA	UA	UA	UA	18	11
Total Storm Rainfall (inch)							UA	UA	UA	UA	UA	UA	0.04
Rainfall Sampled (inch) (TRN)							UA	UA	UA	UA	0.88	0.61	0.04
Maximum 5-minute rain intensity (MAX5)							UA	UA	UA	UA	UA	UA	0.12
Sample Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)							NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)							NM	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)							7	--	--	7.7	7.36	8.21	7.34
Specific Conductance, FIELD (us/cm)							--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)							--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)							--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)							--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)							--	--	--	--	150	710	370
BOD5 (mg/l)							11	--	--	3	75	31	67
COD High Level (mg/l)							93	--	--	31	110	100	330
Chloride (mg/l as Cl)							--	--	--	--	10	350	38
Cyanide Total (mg/l as Cn)	**210000 T**	**3100 T**	**41 T**	**9.7 T**	**NNS**	**200 T**	<0.010	<0.010	<0.010	<0.010	0.01	<0.01	<0.01
Fecal Coliform (CFU/100mL)							300	30	13	16000	1100	8	16
Fecal Streptococci (CFU/100mL)							500	>1600	300	5	950	<1	320
Solids Residue at 180 Deg. C (TDS) (mg/l)							60	--	--	660	150	480	270
Residue, Total at 105 Deg. C (TSS) (mg/l)							100	--	--	40	170	110	340
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	0.99	0.57	1.7
TKN Nitrogen (mg/l as N)							--	--	--	--	4.2	1.2	4.9
Nitrogen, Ammonia + Organic, Total (mg/l as N)							0.9	--	--	0.9	3.3	1.2	4.2
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)							--	--	--	--	--	--	--
Nitrogen Organic Total (mg/l as N)							--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)							0.43	--	--	0.24	0.89	2	0.87

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							SR-03	SR-03	SR-03	SR-03	SR-03	SR-03	SR-03
Date of Sampling							1/3/92	2/6/92	3/26/92	8/22/92	12/5/94	1/4/95	3/11/95
Phosphorous Dissolved (mg/l as P)							--	--	--	--	0.28	1.3	0.21
Phosphorous Ortho (mg/l as P)							--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)							--	--	--	--	13	66	25
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	11 D	NNS	NNS	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	6500000	84000	54	6.3	NNS	NNS	20	<40	<20	<20	10	<10	30
Oil and Grease Total Recoverable (mg/l)							5	7	3	<2.0	33	32	<1.0
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)	140	56			NNS	NNS	<3	--	--	<5	--	--	--
Antimony Dissolved (ug/l as Sb)			1000	600	NNS	NNS	--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	3.1	2800			2000	200	3	--	--	38	<50	50	<50
Arsenic Dissolved (ug/l as As)			360	190			--	--	--	--	<5	<5	<5
Barium Dissolved (ug/l as Ba)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	0.21	700			NNS	NNS	<0.2	--	--	<0.2	--	--	--
Beryllium Dissolved (ug/l as Be)			65	5.3	NNS	NNS	--	--	--	--	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	83	70			50	50	--	--	--	--	<40	<40	<40
Cadmium Dissolved (ug/l as Cd)			d	d			0.6	--	--	<0.2	<0.5	0.6	0.6
Calcium Dissolved (mg/l as Ca)							--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)					1000	1000	4	--	--	4	<50	<50	<50
Chromium Dissolved (ug/l as Cr)							--	--	--	--	<5.0	<5.0	<5.0
Cobalt Dissolved (ug/l as Co)							--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	NNS				5000	500	--	--	--	--	<50	<50	<50
Copper, Dissolved, (ug/l as Cu)	NNS	5200	f	f			280	--	--	100	<50	<50	<50
Iron, Dissolved, (ug/l as Fe)							--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS			10000	100	29	--	--	3	70	<50	<50
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	g	g			--	--	--	--	6	<5	<5
Lithium, Dissolved, (ug/l as Li)							--	--	--	--	--	--	--
Magnesium, Dissolved, (mg/l as Mg)							--	--	--	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)					NNS	NNS	--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	0.6	42			NNS	NNS	<2.0	--	--	<2.0	<1.0	<1.0	<1.0
Mercury, Dissolved, (ug/l as Hg)			2.6	0.2			--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)							--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	400	2800			NNS	NNS	<20	--	--	<5.0	--	--	--
Nickel, Dissolved, (ug/l as Ni)			h	h	NNS	NNS	--	--	--	--	--	--	--
Potassium, Dissolved, (mg/l as K)							--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	9000	420	50	2	20	50	<0.8	--	--	<0.8	--	--	--

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							SR-03	SR-03	SR-03	SR-03	SR-03	SR-03	SR-03
Date of Sampling							1/3/92	2/6/92	3/26/92	8/22/92	12/5/94	1/4/95	3/11/95
Selenium, Dissolved, (ug/l as Se)	9000						--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS					<0.2	--	--	0.3	--	--	--
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	j	NNS			--	--	--	--	--	--	--
Sodium, Dissolved, (mg/l as Na)							--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)							--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	44	3700					<1.0	--	--	<1.0	--	--	--
Thallium, Dissolved, (ug/l as Tl)			700	150			--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)							--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)		28000			10000	25000	140	--	--	20	370	200	290
Zinc, Dissolved, (ug/l as Zn)		28000	k	k			--	--	--	--	60	50	80
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)	0.0003	4.2	2.0	NNS	L	L	--	--	--	--	<0.23	<0.10	<0.11
BHC - ALPHA, (ug/l)	0.03	NNS	1600	130	NNS	NNS	--	--	--	--	<0.12	<0.050	<0.055
BHC - Gamma (Lindane), (ug/l)	0.02	2500	7.6	0.61	NNS	NNS	--	--	--	--	<0.12	<0.050	<0.005
BHC - DELTA, (ug/l)	NNS	NNS	1600	130	NNS	NNS	--	--	--	--	<0.92	<0.40	<0.44
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	<2.3	<1.0	<1.1
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	<2.3	<1.0	<1.1
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	<2.3	<1.0	<1.1
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	<2.3	<1.0	<1.1
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	<2.3	<1.0	<1.1
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	<2.3	<1.0	<1.1
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	<2.3	<1.0	<1.1
Chlordane, Total, (ug/l)	0.001	110	2.1	0.21	NNS	NNS	--	--	--	--	<0.35	<0.15	<0.17
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	NNS	NNS	--	--	--	--	<0.23	<0.15	<0.17
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.02	NNS	NNS	--	--	--	--	<0.12	<0.10	<0.11
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.001	NNS	NNS	--	--	--	--	<0.23	<0.10	<0.055
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.005	L	L	--	--	--	--	<0.23	<0.10	<0.11
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	--	--	--	--	<0.35	<0.15	<0.17
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	--	--	--	--	<0.23	<0.10	<0.11
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.06	NNS	NNS	--	--	--	--	<1.7	<0.75	<0.83
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	NNS	NNS	--	--	--	--	<0.58	<0.25	<0.28
Endrin, Total, (ug/l)	1.1	40	0.2	0.08	0.004	0.004	--	--	--	--	<0.23	<0.10	<0.11
Heptachlor, Total, (ug/l)	0.002	20	0.58	0.013	NNS	NNS	--	--	--	--	<0.23	<0.10	<0.11
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.58	0.013	NNS	NNS	--	--	--	--	<0.23	<0.10	<0.11

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							SR-03	SR-03	SR-03	SR-03	SR-03	SR-03	SR-03
Date of Sampling							1/3/92	2/6/92	3/26/92	8/22/92	12/5/94	1/4/95	3/11/95
Toxaphene, Total, (ug/l)	0.008	1000	0.73	0.02	0.005	0.005	--	--	--	--	<1.2	<0.50	<0.55
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	130	NNS	NNS	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700	3200	NNS	NNS	--	--	--	--	--	<0.50	<2.0
1,1,1,2-Tetrachloroethane, Total,(ug/l)							--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	680	NNS	NNS	--	--	--	--	--	<0.50	2
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	20000	1300	NNS	NNS	--	--	--	--	--	<0.50	<2.0
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	12000	NNS	NNS	--	--	--	--	--	<0.50	<2.0
Trichloroethene, Total, (ug/l)	78	NNS	20000	1300	NNS	NNS	--	--	--	--	--	<0.50	<2.0
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	--	--	--	--	--	<0.50	<2.0
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	15000	950	NNS	NNS	--	--	--	--	--	<0.50	<5.0
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	41000	NNS	NNS	--	--	--	--	--	<0.50	<2.0
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9200	NNS	NNS	--	--	--	--	--	<0.50	<2.0
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	9800	NNS	NNS	--	--	--	--	--	<2.5	<2.0
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	1100	NNS	NNS	--	--	--	--	--	<0.50	<2.0
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000	3900	NNS	NNS	--	--	--	--	--	<0.50	<2.0
trans-1,3- Dichloropropene, (ug/l)							--	--	--	--	--	<0.50	<2.0
Benzene, Total, (ug/l)	120	470	11000	700	NNS	NNS	--	--	--	--	--	<0.50	<2.0
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	NNS	NNS	NNS	--	--	--	--	--	<0.50	<2.0
Bromoform, Total, (ug/l)	80	2800	15000	10000	NNS	NNS	--	--	--	--	--	<0.50	<2.0
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	1100	NNS	NNS	--	--	--	--	--	<0.50	<5.0
Chlorobenzene, Total, (ug/l)	500	2800	NNS	NNS	NNS	NNS	--	--	--	--	--	<0.50	<2.0
Chloroethane, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<1.0	<5.0
Chloroform, Total, (ug/l)	590	1400	14000	900	NNS	NNS	--	--	--	--	--	<0.50	<2.0
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	1400	NNS	NNS	--	--	--	--	--	<0.50	<2.0
Methylene Chloride, Total, (ug/l)	480	27000	97000	5500	NNS	NNS	--	--	--	--	--	<5.0	<10
Toluene, Total, (ug/l)	90000	42000	8700	180	NNS	NNS	--	--	--	--	--	<0.50	<2.0
Trichlorofluoromethane, Total, (ug/l)							--	--	--	--	--	--	--
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<1.0	<5.0
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS	NNS	NNS	NNS	--	--	--	--	--	<0.50	<2.0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--	--	--	--	--	--	<5.0
Acetone, Total, (ug/l)							--	--	--	--	--	--	<10
2-Butanone, (ug/l)							--	--	--	--	--	--	<10
Carbon Disulfide, Total, (ug/l)							--	--	--	--	--	--	--
1,2 Dichloroethene, Total, (ug/l)							--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<1.5	<2.0
2-Hexanone, Total, (ug/l)							--	--	--	--	--	--	<10
Styrene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	<2.0
Acrolein, Total, (ug/l)	750	1300	34	30	NNS	NNS	--	--	--	--	--	--	--
Acrylonitirile, Total, (ug/l)							--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)							--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)							--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	7500	200	5500	360	NNS	NNS	--	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	1800	2800	270000	15000	NNS	NNS	--	--	--	--	--	<1.0	<5.0

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							SR-03	SR-03	SR-03	SR-03	SR-03	SR-03	SR-03
Date of Sampling							1/3/92	2/6/92	3/26/92	8/22/92	12/5/94	1/4/95	3/11/95
Parachloro Toluene, Total, (ug/l)							--	--	--	--	--	<1.0	<5.0
Dibromoethane, Total, (ug/l)							--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	2600	8400	850	550	NNS	NNS	--	--	--	--	--	<2.0	<10
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10
Anthracene, Total, (ug/l)	6300	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10
Benzidine, Total, (ug/l)	0.0007	420	1300	89	NNS	NNS	--	--	--	--	--	<20	<100
Benzoic Acid, Total, (ug/l)							--	--	--	--	--	--	--
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10
Benzo (b) Fluoranthene, Total, (ug/l)							--	--	--	--	--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10
Benzo (ghi) Perylene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10
Benzyl Alcohol, Total, (ug/l)							--	--	--	--	--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	6700	NNS	NNS	--	--	--	--	--	<2.0	<10
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	360	NNS	NNS	--	--	--	--	--	22	<20
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	14	NNS	NNS	--	--	--	--	--	<2.0	<10
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	130	NNS	NNS	--	--	--	--	--	<2.0	<20
2-Chloronapthalene, Total, (ug/l)	13000	11000	NNS	NNS	NNS	NNS	--	--	--	--	--	--	<10
2-Chlorophenol, Total, (ug/l)	2100	700	2200	150	NNS	NNS	--	--	--	--	--	<2.0	<10
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<20
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	35	NNS	NNS	--	--	--	--	--	9	<20
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	970	NNS	NNS	--	--	--	--	--	<2.0	<10
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	780	NNS	NNS	--	--	--	--	--	<2.0	<10
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	470	NNS	NNS	--	--	--	--	--	<2.0	<10
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<5.0	<40
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	88	NNS	NNS	--	--	--	--	--	<2.0	<10
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	1600	NNS	NNS	--	--	--	--	--	<2.0	<10
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1100	310	NNS	NNS	--	--	--	--	--	<2.0	<20
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	1000	NNS	NNS	--	--	--	--	--	<2.0	<10
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	24	NNS	NNS	--	--	--	--	--	<5.0	<40
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	9.2	NNS	NNS	--	--	--	--	--	<10	<100
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	970	NNS	NNS	--	--	--	--	--	<2.0	<10
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<40
Fluoranthene, Total, (ug/l)	130	5600	2000	1600	NNS	NNS	--	--	--	--	--	<2.0	<10
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	8.2	NNS	NNS	--	--	--	--	--	<2.0	<10
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	0.3	NNS	NNS	--	--	--	--	--	<2.0	<40
Hexachloroethane, Total, (ug/l)	4.8	140	490	350	NNS	NNS	--	--	--	--	--	<2.0	<10

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							SR-03	SR-03	SR-03	SR-03	SR-03	SR-03	SR-03
Date of Sampling							1/3/92	2/6/92	3/26/92	8/22/92	12/5/94	1/4/95	3/11/95
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<20
Isophorone, Total, (ug/l)	520	28000	59000	43000	NNS	NNS	--	--	--	--	--	<2.0	<10
Naphthalene, Total, (ug/l)	NNS	560	3300	600	NNS	NNS	--	--	--	--	--	<2.0	<10
Nitrobenzene, Total, (ug/l)	600	70	13000	850	NNS	NNS	--	--	--	--	--	<2.0	<40
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	3000	NNS	NNS	--	--	--	--	--	<5.0	<100
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	200	NNS	NNS	--	--	--	--	--	<2.0	<10
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10
Pentachlorophenol, Total, (ug/l)	29000	2000	I	I	NNS	NNS	--	--	--	--	--	<5.0	<40
Phenanthrene, Total, (ug/l)	0.0005	NNS	54	6.3	NNS	NNS	--	--	--	--	--	<2.0	<10
Phenol, Total, (ug/l)							--	--	--	--	--	<2.0	<10
Pyrene, Total, (ug/l)	1100	4200	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	NNS	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10
2,4,5- Trichlorophenol, Total, (ug/l)							--	--	--	--	--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	25	NNS	NNS	--	--	--	--	--	<5.0	<20
N-Nitrosodimethylamine, Total, (ug/l)	2.1	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	0.25	NNS	130	11	NNS	NNS	--	--	--	--	--	<2.0	--
Dichlorodifluoromethane, Total, (ug/l)							--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)							--	--	--	--	--	--	--

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							**SR-03**	**SR-03**	**SR-03**	**SR-03**	**SR-03**	**SR-03**	**SR-03**
Date of Sampling							**8/14/95**	**8/19/95**	**9/7/95**	**9/28/95**	**11/1/95**	**2/1/96**	**3/13/96**
Agency Collecting Sample							FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample							WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	DEL MAR	DEL MAR
Drainage Area (acres) (DA)							1363	1363	1363	1363	1363	1363	1363
Impervious Area (acres) (IA)							--	--	--	--	--	--	--
Land Use - Residential							286.23	286.23	286.23	286.23	286.23	286.23	286.23
Land Use - Commercial							95.41	95.41	95.41	95.41	95.41	95.41	95.41
Land Use - Industrial							586.09	586.09	586.09	586.09	586.09	586.09	586.09
Land Use - Undeveloped							395.27	395.27	395.27	395.27	395.27	395.27	395.27
Sampling Duration (minutes)							394	670	212	252	196	118	366
Storm Duration (minutes) (DRN)							410	72	154	216	UA	114	245
Runoff Sampled (cubic feet) (RUN)							41120	34300	50500	339050	368870	71490	40270
Total Storm Runoff (cubic feet)							68800	34300	64600	611000	UA	182000	41320
Instantaneous Discharge (cfs)							7.093	2.659	9.36	136.51	86.179	28.242	3.387
Preceeding Dry Period (days) (ANT)							156	5	18	18	33	91	16
Total Storm Rainfall (inch)							0.16	0.09	0.16	0.94	UA	0.22	0.11
Rainfall Sampled (inch) (TRN)							0.15	0.09	0.16	0.94	1.01	0.22	0.16
Maximum 5-minute rain intensity (MAX5)							0.24	0.12	0.36	3.84	2.64	0.6	0.12
Sample Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)							NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)							NM	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)							--	7.35	7.09	7.83	8.27	7.6	7.3
Specific Conductance, FIELD (us/cm)							--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)							--	--	--	--	--	170	410
Oxygen Dissolved (% saturation)							--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)							--	--	--	--	--	7.3	7.3
Electrical Conductivity (umhos/cm)							--	480	210	430	210	--	--
BOD5 (mg/l)							190	51	100	31	31	42	61
COD High Level (mg/l)							--	310	130	140	120	280	110
Chloride (mg/l as Cl)							--	55	21	41	8.2	9.9	19
Cyanide Total (mg/l as Cn)	**210000 T**	**3100 T**	**41 T**	**9.7 T**	**NNS**	**200 T**	--	<0.01	<0.01	<0.01	<0.01	--	--
Fecal Coliform (CFU/100mL)							480	310000	500	900	--	--	500
Fecal Streptococci (CFU/100mL)							300	1300	1000	140	--	--	1600
Solids Residue at 180 Deg. C (TDS) (mg/l)							--	360	220	270	130	90	260
Residue, Total at 105 Deg. C (TSS) (mg/l)							--	260	140	4800	2900	520	96
Nitrogen No2 + No3, Total (mg/l as N)	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	--	1.7	0.75	0.62	0.83	0.66	0.36
TKN Nitrogen (mg/l as N)							--	5.5	5.2	6.8	4.6	2.2	2.8
Nitrogen, Ammonia + Organic, Total (mg/l as N)							--	5.5	5.2	6.8	5	2.06	2.5
Nitrogen Nitrate Total (mg/l as N)	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	--	1.2	<0.50	0.55	0.74	0.66	0.36
Nitrogen Nitrite Total (mg/l as N)	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	--	0.47	0.75	0.07	0.09	<0.15	<0.10
Nitrogen Ammonia Total (mg/l as N)							--	2.1	0.4	1.9	1.5	0.66	1.4
Nitrogen Organic Total (mg/l as N)							--	--	--	--	3.5	1.4	1.1
Phosphorous Total (mg/l as P)							--	1.3	0.84	10	2.8	0.16	0.62

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							SR-03	SR-03	SR-03	SR-03	SR-03	SR-03	SR-03
Date of Sampling							8/14/95	8/19/95	9/7/95	9/28/95	11/1/95	2/1/96	3/13/96
Phosphorous Dissolved (mg/l as P)							0.62	0.68	0.36	0.4	0.13	0.1	0.29
Phosphorous Ortho (mg/l as P)							--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)							--	37	18	45	12	9.5	7
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	11 D	NNS	NNS	--	--	--	--	--	<0.025	<0.025
Phenols Total Recoverable (ug/l)	6500000	84000	54	6.3	NNS	NNS	--	20	20	<10	10	--	<100
Oil and Grease Total Recoverable (mg/l)							97	570	6	<1.0	23	3.3	20
Organic Carbon, Total (mg/l)							--	--	--	--	--	--	43
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)							--	--	--	--	--	--	48
Silica Dissolved (mg/l as SiO2)							--	--	--	--	--	--	--
Hardness (mg/l)							--	--	--	--	--	130	6
Antimony (ug/l as Sb)	140	56			NNS	NNS	--	--	--	--	--	<50	<50
Antimony Dissolved (ug/l as Sb)			1000	600	NNS	NNS	--	--	--	--	--	<50	<50
Arsenic Total (ug/l as As)	3.1	2800			2000	200	<50	<50	<30	<110	35	<10	<10
Arsenic Dissolved (ug/l as As)			360	190			7	7	<20	<50	<30	<10	<10
Barium Dissolved (ug/l as Ba)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	0.21	700			NNS	NNS	--	--	--	--	--	<5	<5
Beryllium Dissolved (ug/l as Be)			65	5.3	NNS	NNS	--	--	--	--	--	<4	<4
Cadmium Total Recoverable (ug/l as Cd)	83	70			50	50	<40	<40	<4	4	<3	<5	<5
Cadmium Dissolved (ug/l as Cd)			d	d			<0.5	<0.5	<1	<1	<3	<5	<5
Calcium Dissolved (mg/l as Ca)							--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)					1000	1000	<50	<50	11	240	110	27	<5
Chromium Dissolved (ug/l as Cr)							<5.0	<5.0	2	<2	3	7.4	<5
Cobalt Dissolved (ug/l as Co)							--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	NNS				5000	500	130	80	52	420	170	120	<50
Copper, Dissolved, (ug/l as Cu)	NNS	5200	f	f			<50	<50	15	4	<50	<50	50
Iron, Dissolved, (ug/l as Fe)							--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS			10000	100	70	<50	30	230	190	120	<50
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	g	g			7	7	25	<13	<23	50	<5
Lithium, Dissolved, (ug/l as Li)							--	--	--	--	--	--	--
Magnesium, Dissolved, (mg/l as Mg)							--	--	--	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)					NNS	NNS	--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	0.6	42			NNS	NNS	<1.0	<1.0	<1.0	1	<1	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)			2.6	0.2			--	--	--	--	--	<0.2	<0.2
Molybdenum, Dissolved, (ug/l as Mo)							--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	400	2800			NNS	NNS	--	--	--	--	--	<50	<50
Nickel, Dissolved, (ug/l as Ni)			h	h	NNS	NNS	--	--	--	--	--	<50	<50
Potassium, Dissolved, (mg/l as K)							--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	9000	420	50	2	20	50	--	--	--	--	--	<20	<20

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							SR-03	SR-03	SR-03	SR-03	SR-03	SR-03	SR-03
Date of Sampling							8/14/95	8/19/95	9/7/95	9/28/95	11/1/95	2/1/96	3/13/96
Selenium, Dissolved, (ug/l as Se)	9000						--	--	--	--	--	<20	<20
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS					--	--	--	--	--	<10	<10
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	j	NNS			--	--	--	--	--	<10	<10
Sodium, Dissolved, (mg/l as Na)							--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)							--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	44	3700					--	--	--	--	--	<2	<50
Thallium, Dissolved, (ug/l as Tl)			700	150			--	--	--	--	--	<2	<20
Vanadium, Dissolved, (ug/l as V)							--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)		28000			10000	25000	890	<660	<660	1200	950	610	180
Zinc, Dissolved, (ug/l as Zn)		28000	k	k			150	130	250	14	<86	<50	69
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)	0.0003	4.2	2.0	NNS	L	L	<0.10	<0.10	<0.10	<0.10	--	--	--
BHC - ALPHA, (ug/l)	0.03	NNS	1600	130	NNS	NNS	<0.050	<0.050	<0.050	<0.05	--	--	--
BHC - Gamma (Lindane), (ug/l)	0.02	2500	7.6	0.61	NNS	NNS	<0.050	<0.050	<0.050	<0.05	--	--	--
BHC - DELTA, (ug/l)	NNS	NNS	1600	130	NNS	NNS	<0.40	<0.40	<0.40	<0.40	--	--	--
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0	<1.0	<1.0	<1.0	--	--	--
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0	<1.0	<1.0	<1.0	--	--	--
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0	<1.0	<1.0	<1.0	--	--	--
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0	<1.0	<1.0	<1.0	--	--	--
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0	<1.0	<1.0	<1.0	--	--	--
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0	<1.0	<1.0	<1.0	--	--	--
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0	<1.0	<1.0	<1.0	--	--	--
Chlordane, Total, (ug/l)	0.001	110	2.1	0.21	NNS	NNS	<0.15	<0.15	<0.15	<0.15	--	--	--
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	NNS	NNS	<0.15	<0.15	<0.15	<0.10	--	--	--
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.02	NNS	NNS	<0.10	<0.10	<0.10	<0.05	--	--	--
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.001	NNS	NNS	<0.10	<0.10	<0.10	<0.10	--	--	--
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.005	L	L	<0.10	<0.10	<0.10	<0.10	--	--	--
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	<0.15	<0.15	<0.15	<0.15	--	--	--
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	<0.10	<0.10	<0.10	<0.10	--	--	--
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.06	NNS	NNS	<0.75	<0.75	<0.75	<0.75	--	--	--
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	NNS	NNS	<0.10	<0.10	<0.10	<0.25	--	--	--
Endrin, Total, (ug/l)	1.1	40	0.2	0.08	0.004	0.004	<0.75	<0.75	<0.75	<0.10	--	--	--
Heptachlor, Total, (ug/l)	0.002	20	0.58	0.013	NNS	NNS	<0.10	<0.10	<0.10	<0.10	--	--	--
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.58	0.013	NNS	NNS	<0.10	<0.10	<0.10	<0.10	--	--	--

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							SR-03	SR-03	SR-03	SR-03	SR-03	SR-03	SR-03
Date of Sampling							8/14/95	8/19/95	9/7/95	9/28/95	11/1/95	2/1/96	3/13/96
Toxaphene, Total, (ug/l)	0.008	1000	0.73	0.02	0.005	0.005	<0.50	<0.50	<0.50	<0.50	--	--	--
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<10	<10	<10	<10	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	130	NNS	NNS	<0.050	<0.050	<0.050	<0.05	--	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700	3200	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1,1,2-Tetrachloroethane, Total,(ug/l)							--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	680	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	20000	1300	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	12000	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichloroethene, Total, (ug/l)	78	NNS	20000	1300	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	15000	950	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	41000	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9200	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	9800	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	1100	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000	3900	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
trans-1,3- Dichloropropene, (ug/l)							<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Benzene, Total, (ug/l)	120	470	11000	700	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	NNS	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Bromoform, Total, (ug/l)	80	2800	15000	10000	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	1100	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chlorobenzene, Total, (ug/l)	500	2800	NNS	NNS	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chloroethane, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform, Total, (ug/l)	590	1400	14000	900	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	1400	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Methylene Chloride, Total, (ug/l)	480	27000	97000	5500	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene, Total, (ug/l)	90000	42000	8700	180	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichlorofluoromethane, Total, (ug/l)							<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS	NNS	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone, Total, (ug/l)							--	--	--	--	--	16	<10
2-Butanone, (ug/l)							--	--	--	--	--	--	<10
Carbon Disulfide, Total, (ug/l)							--	--	--	--	--	--	<5.0
1,2 Dichloroethene, Total, (ug/l)							--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	<2.0
2-Hexanone, Total, (ug/l)							--	--	--	--	--	--	<10
Styrene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	<2.0
Acrolein, Total, (ug/l)	750	1300	34	30	NNS	NNS	--	--	--	--	--	--	--
Acrylonitirile, Total, (ug/l)							--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)							--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)							--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	7500	200	5500	360	NNS	NNS	--	--	--	--	--	--	<5.0
Methyl Chloride, Total, (ug/l)	1800	2800	270000	15000	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							SR-03	SR-03	SR-03	SR-03	SR-03	SR-03	SR-03
Date of Sampling							8/14/95	8/19/95	9/7/95	9/28/95	11/1/95	2/1/96	3/13/96
Parachloro Toluene, Total, (ug/l)							--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)							--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	2600	8400	850	550	NNS	NNS	<10	<10	<10	<10	<10	--	--
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
Anthracene, Total, (ug/l)	6300	NNS	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
Benzidine, Total, (ug/l)	0.0007	420	1300	89	NNS	NNS	<100	<100	<100	<100	<100	--	--
Benzoic Acid, Total, (ug/l)							<100	<100	<100	<100	<100	--	--
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
Benzo (b) Fluoranthene, Total, (ug/l)							<10	<10	<10	<10	<10	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
Benzo (ghi) Perylene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
Benzyl Alcohol, Total, (ug/l)							<20	<20	<20	<20	<20	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	6700	NNS	NNS	<10	<10	<10	<10	<10	--	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	360	NNS	NNS	<20	<20	<20	<20	<20	--	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	14	NNS	NNS	<10	<10	<10	<10	<10	--	--
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	130	NNS	NNS	<20	<20	<20	<20	<20	--	--
2-Chloronapthalene, Total, (ug/l)	13000	11000	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
2-Chlorophenol, Total, (ug/l)	2100	700	2200	150	NNS	NNS	<10	<10	<10	<10	<10	--	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	NNS	NNS	NNS	<20	<20	<20	<20	<20	--	--
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	35	NNS	NNS	<20	<20	<20	<20	<20	--	--
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	970	NNS	NNS	<10	<10	<10	<10	<10	--	--
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	780	NNS	NNS	<10	<10	<10	<10	<10	--	--
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	470	NNS	NNS	<10	<10	<10	<10	<10	--	--
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	NNS	NNS	NNS	<40	<40	<40	<40	<40	--	--
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	88	NNS	NNS	<10	<10	<10	<10	<10	--	--
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	1600	NNS	NNS	<10	<10	<10	<10	<10	--	--
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1100	310	NNS	NNS	<20	<20	<20	<20	<20	--	--
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	1000	NNS	NNS	<10	<10	<10	<10	<10	--	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	24	NNS	NNS	<40	<40	<40	<40	<40	--	--
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	9.2	NNS	NNS	<100	<100	<100	<100	<100	--	--
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	970	NNS	NNS	<10	<10	<10	<10	<10	--	--
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<40	<40	<40	<40	<40	--	--
Fluoranthene, Total, (ug/l)	130	5600	2000	1600	NNS	NNS	<10	<10	<10	<10	<10	--	--
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	8.2	NNS	NNS	<10	<10	<10	<10	<10	--	--
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	0.3	NNS	NNS	<40	<40	<40	<40	<40	--	--
Hexachloroethane, Total, (ug/l)	4.8	140	490	350	NNS	NNS	<10	<10	<10	<10	<10	--	--

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							SR-03	SR-03	SR-03	SR-03	SR-03	SR-03	SR-03
Date of Sampling							8/14/95	8/19/95	9/7/95	9/28/95	11/1/95	2/1/96	3/13/96
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	NNS	NNS	NNS	<20	<20	<20	<20	<20	--	--
Isophorone, Total, (ug/l)	520	28000	59000	43000	NNS	NNS	<10	<10	<10	<10	<10	--	--
Naphthalene, Total, (ug/l)	NNS	560	3300	600	NNS	NNS	<10	<10	<10	<10	<10	--	--
Nitrobenzene, Total, (ug/l)	600	70	13000	850	NNS	NNS	<40	<40	<40	<40	<40	--	--
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	3000	NNS	NNS	<100	<100	<100	<100	<100	--	--
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	200	NNS	NNS	<10	<10	<10	<10	<10	--	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
Pentachlorophenol, Total, (ug/l)	29000	2000	I	I	NNS	NNS	<40	<40	<40	<40	<40	--	--
Phenanthrene, Total, (ug/l)	0.0005	NNS	54	6.3	NNS	NNS	<10	<10	<10	<10	<10	--	--
Phenol, Total, (ug/l)							<10	<10	<10	<10	<10	--	--
Pyrene, Total, (ug/l)	1100	4200	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
2,4,5- Trichlorophenol, Total, (ug/l)							<20	<20	<20	<20	<20	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	25	NNS	NNS	<20	<20	<20	<20	<20	--	--
N-Nitrosodimethylamine, Total, (ug/l)	2.1	NNS	NNS	NNS	NNS	NNS	<10	<10	<10	<10	<10	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	0.25	NNS	130	11	NNS	NNS	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)							--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)							--	--	--	--	--	--	--

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)					
Sampling Station Identification Number							SR-03	SR-03	SR-03	SR-03	SR-03
Date of Sampling							7/7/96	7/15/96	7/25/96	9/11/96	1/13/97
Agency Collecting Sample							FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample							BOLIN	BOLIN	BOLIN	BOLIN	BOLIN
Drainage Area (acres) (DA)							1363	1363	1363	1363	1363
Impervious Area (acres) (IA)							--	--	--	--	--
Land Use - Residential							286.23	286.23	286.23	286.23	286.23
Land Use - Commercial							95.41	95.41	95.41	95.41	95.41
Land Use - Industrial							586.09	586.09	586.09	586.09	586.09
Land Use - Undeveloped							395.27	395.27	395.27	395.27	395.27
Sampling Duration (minutes)							270	405	149	510	385
Storm Duration (minutes) (DRN)							34	151	270	383	407
Runoff Sampled (cubic feet) (RUN)							128000	14935	509900	128000	236000
Total Storm Runoff (cubic feet)							128000	UA	2293110	129000	310000
Instantaneous Discharge (cfs)							38.6	1.6	361.49	13.6	35.79
Preceeding Dry Period (days) (ANT)							116	7	10	10	46
Total Storm Rainfall (inch)							0.22	0.08	0.3	0.17	0.63
Rainfall Sampled (inch) (TRN)							0.22	0.08	0.21	0.17	0.61
Maximum 5-minute rain intensity (MAX5)							0.6	0.12	0.48	0.36	1.32
Sample Temperature (deg. C)							NM	NM	NM	NM	NM
Effluent Temperature (deg. C)							NM	NM	NM	NM	NM
Ambient Temperature (deg. C)							NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)							NM	NM	NM	NM	NM
pH, Effluent (standard units)							NM	NM	NM	NM	NM
pH, Lab (standard units)							--	--	7.7	--	8.1
Specific Conductance, FIELD (us/cm)							--	--	--	--	--
Specific Conductance, LAB (us/cm)							--	--	--	--	--
Oxygen Dissolved (% saturation)							--	--	--	--	--
Oxygen Dissolved (mg/l)							6.87	1.15	8.1	5.85	--
Electrical Conductivity (umhos/cm)							--	--	371	--	93
BOD5 (mg/l)							70	78	106	36	--
COD High Level (mg/l)							--	--	298	--	<20
Chloride (mg/l as Cl)							--	--	40	--	8
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T	9.7 T	NNS	200 T	--	--	--	--	<0.01
Fecal Coliform (CFU/100mL)							--	>160000	9000	>160000	--
Fecal Streptococci (CFU/100mL)							--	>160000	16000	160000	--
Solids Residue at 180 Deg. C (TDS) (mg/l)							--	--	290	--	95
Residue, Total at 105 Deg. C (TSS) (mg/l)							--	--	712	--	220
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	1.35	--	0.48
TKN Nitrogen (mg/l as N)							--	--	6.23	--	3.74
Nitrogen, Ammonia + Organic, Total (mg/l as N)							--	--	6.23	--	3.74
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	1.35	--	0.48
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	<0.1	--	<0.1
Nitrogen Ammonia Total (mg/l as N)							--	--	2.17	--	1.58
Nitrogen Organic Total (mg/l as N)							--	--	4.06	--	2.16
Phosphorous Total (mg/l as P)							--	--	0.79	--	0.92

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)					
Sampling Station Identification Number							SR-03	SR-03	SR-03	SR-03	SR-03
Date of Sampling							7/7/96	7/15/96	7/25/96	9/11/96	1/13/97
Phosphorous Dissolved (mg/l as P)							--	--	0.8	--	0.65
Phosphorous Ortho (mg/l as P)							--	--	--	--	--
Sulfate Dissolved (mg/l)							--	--	29	--	6
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	11 D	NNS	NNS	--	--	<0.005	--	<0.010
Phenols Total Recoverable (ug/l)	6500000	84000	54	6.3	NNS	NNS	--	--	--	--	<5
Oil and Grease Total Recoverable (mg/l)							<5.0	<5.0	<5	9	--
Organic Carbon, Total (mg/l)							--	--	69.3	--	17.1
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)							--	--	84	--	24
Silica Dissolved (mg/l as SiO2)							--	--	--	--	--
Hardness (mg/l)							--	--	173	--	62
Antimony (ug/l as Sb)	140	56			NNS	NNS	--	--	<5	--	<5
Antimony Dissolved (ug/l as Sb)			1000	600	NNS	NNS	--	--	<5	--	<5
Arsenic Total (ug/l as As)	3.1	2800			2000	200	--	--	8	--	<5
Arsenic Dissolved (ug/l as As)			360	190			--	--	<5	--	<5
Barium Dissolved (ug/l as Ba)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	0.21	700			NNS	NNS	--	--	<2	--	<2
Beryllium Dissolved (ug/l as Be)			65	5.3	NNS	NNS	--	--	<2	--	<2
Cadmium Total Recoverable (ug/l as Cd)	83	70			50	50	--	--	<4	--	<4
Cadmium Dissolved (ug/l as Cd)			d	d			--	--	<4	--	<4
Calcium Dissolved (mg/l as Ca)							--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)					1000	1000	--	--	28	--	<5
Chromium Dissolved (ug/l as Cr)							--	--	<5	--	<5
Cobalt Dissolved (ug/l as Co)							--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	NNS				5000	500	--	--	137	--	23
Copper, Dissolved, (ug/l as Cu)	NNS	5200	f	f			--	--	24	--	<15
Iron, Dissolved, (ug/l as Fe)							--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS			10000	100	--	--	130	--	6
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	g	g			--	--	6	--	<5
Lithium, Dissolved, (ug/l as Li)							--	--	--	--	--
Magnesium, Dissolved, (mg/l as Mg)							--	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)					NNS	NNS	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	0.6	42			NNS	NNS	--	--	<0.2	--	<0.2
Mercury, Dissolved, (ug/l as Hg)			2.6	0.2			--	--	<0.2	--	<0.2
Molybdenum, Dissolved, (ug/l as Mo)							--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	400	2800			NNS	NNS	--	--	30	--	20
Nickel, Dissolved, (ug/l as Ni)			h	h	NNS	NNS	--	--	<20	--	<20
Potassium, Dissolved, (mg/l as K)							--	--	--	--	2
Selenium, Total, (ug/l as Se)	9000	420	50	2	20	50	--	--	<5	--	<5

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)					
Sampling Station Identification Number							SR-03	SR-03	SR-03	SR-03	SR-03
Date of Sampling							7/7/96	7/15/96	7/25/96	9/11/96	1/13/97
Selenium, Dissolved, (ug/l as Se)	9000						--	--	<5	--	<5
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS					--	--	<50	--	<50
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	j	NNS			--	--	<50	--	<50
Sodium, Dissolved, (mg/l as Na)							--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)							--	--	--	--	--
Thallium, Total, (ug/l as Tl)	44	3700					--	--	<1	--	<1
Thallium, Dissolved, (ug/l as Tl)			700	150			--	--	<1	--	<1
Vanadium, Dissolved, (ug/l as V)							--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)		28000			10000	25000	--	--	670	--	260
Zinc, Dissolved, (ug/l as Zn)		28000	k	k			--	--	80	--	20
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)	0.0003	4.2	2.0	NNS	L	L	--	--	--	--	<0.5
BHC - ALPHA, (ug/l)	0.03	NNS	1600	130	NNS	NNS	--	--	--	--	<0.5
BHC - Gamma (Lindane), (ug/l)	0.02	2500	7.6	0.61	NNS	NNS	--	--	--	--	<0.5
BHC - DELTA, (ug/l)	NNS	NNS	1600	130	NNS	NNS	--	--	--	--	<0.5
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	<0.5
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	<0.5
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	<0.5
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	<0.5
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	<0.5
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	<0.5
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	<0.5
Chlordane, Total, (ug/l)	0.001	110	2.1	0.21	NNS	NNS	--	--	--	--	<0.5
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	NNS	NNS	--	--	--	--	<0.5
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.02	NNS	NNS	--	--	--	--	<0.5
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.001	NNS	NNS	--	--	--	--	<0.5
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.005	L	L	--	--	--	--	<0.5
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	--	--	--	--	<0.5
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	--	--	--	--	<0.5
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.06	NNS	NNS	--	--	--	--	<0.5
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	NNS	NNS	--	--	--	--	<0.5
Endrin, Total, (ug/l)	1.1	40	0.2	0.08	0.004	0.004	--	--	--	--	<0.1
Heptachlor, Total, (ug/l)	0.002	20	0.58	0.013	NNS	NNS	--	--	--	--	<0.5
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.58	0.013	NNS	NNS	--	--	--	--	<0.5

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)					
Sampling Station Identification Number							SR-03	SR-03	SR-03	SR-03	SR-03
Date of Sampling							7/7/96	7/15/96	7/25/96	9/11/96	1/13/97
Toxaphene, Total, (ug/l)	0.008	1000	0.73	0.02	0.005	0.005	--	--	--	--	<0.5
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<0.5
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	130	NNS	NNS	--	--	--	--	<0.5
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700	3200	NNS	NNS	--	<2	--	<2	--
1,1,1,2-Tetrachloroethane, Total,(ug/l)							--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	680	NNS	NNS	--	<2	--	<2	--
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	20000	1300	NNS	NNS	--	<2	--	<2	--
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	12000	NNS	NNS	--	<2	--	<2	--
Trichloroethene, Total, (ug/l)	78	NNS	20000	1300	NNS	NNS	--	<2	--	<2	--
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	--	<2	--	<2	--
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	15000	950	NNS	NNS	--	<2	--	<2	--
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	41000	NNS	NNS	--	<2	--	<2	--
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9200	NNS	NNS	--	<2	--	<2	--
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	9800	NNS	NNS	--	<2	--	<2	--
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	1100	NNS	NNS	--	<2	--	<2	--
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000	3900	NNS	NNS	--	<2	--	<2	--
trans-1,3- Dichloropropene, (ug/l)							--	<2	--	<2	--
Benzene, Total, (ug/l)	120	470	11000	700	NNS	NNS	--	<2	--	<2	--
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	NNS	NNS	NNS	--	<2	--	<2	--
Bromoform, Total, (ug/l)	80	2800	15000	10000	NNS	NNS	--	<2	--	<2	--
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	1100	NNS	NNS	--	<2	--	<2	--
Chlorobenzene, Total, (ug/l)	500	2800	NNS	NNS	NNS	NNS	--	<2	--	<2	--
Chloroethane, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	<5	--	<5	--
Chloroform, Total, (ug/l)	590	1400	14000	900	NNS	NNS	--	<2	--	<2	--
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	1400	NNS	NNS	--	<2	--	<2	--
Methylene Chloride, Total, (ug/l)	480	27000	97000	5500	NNS	NNS	--	--	--	--	--
Toluene, Total, (ug/l)	90000	42000	8700	180	NNS	NNS	--	<2	--	<2	--
Trichlorofluoromethane, Total, (ug/l)							--	<2	--	<2	--
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	--	<5	--	<5	--
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS	NNS	NNS	NNS	--	<2	--	<2	--
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--	--	--	--	--
Acetone, Total, (ug/l)							--	<10	--	<10	--
2-Butanone, (ug/l)							--	<10	--	<10	--
Carbon Disulfide, Total, (ug/l)							--	<10	--	<10	--
1,2 Dichloroethene, Total, (ug/l)							--	<2	--	<2	--
Xylenes, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	<2	--	<2	--
2-Hexanone, Total, (ug/l)							--	<10	--	<10	--
Styrene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	<2	--	<2	--
Acrolein, Total, (ug/l)	750	1300	34	30	NNS	NNS	--	<10	--	<10	--
Acrylonitirile, Total, (ug/l)							--	<10	--	<10	--
Bromobenzene, Water Whole, Total, (ug/l)							--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)							--	--	--	--	--
Methyl Bromide, Total, (ug/l)	7500	200	5500	360	NNS	NNS	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	1800	2800	270000	15000	NNS	NNS	--	--	--	--	--

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)					
Sampling Station Identification Number							SR-03	SR-03	SR-03	SR-03	SR-03
Date of Sampling							7/7/96	7/15/96	7/25/96	9/11/96	1/13/97
Parachloro Toluene, Total, (ug/l)							--	--	--	--	--
Dibromoethane, Total, (ug/l)							--	--	--	--	--
Acenaphthene, Total, (ug/l)	2600	8400	850	550	NNS	NNS	--	--	--	--	<3.0
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<3.0
Anthracene, Total, (ug/l)	6300	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<3.0
Benzidine, Total, (ug/l)	0.0007	420	1300	89	NNS	NNS	--	--	--	--	<50
Benzoic Acid, Total, (ug/l)							--	--	--	--	12
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<3.0
Benzo (b) Fluoranthene, Total, (ug/l)							--	--	--	--	<5.0
Benzo (k) Fluoranthene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<5.0
Benzo (ghi) Perylene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<3.0
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<3.0
Benzyl Alcohol, Total, (ug/l)							--	--	--	--	<3.0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<3.0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	6700	NNS	NNS	--	--	--	--	<3.0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	NNS	NNS	NNS	--	--	--	--	<3.0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	360	NNS	NNS	--	--	--	--	29
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	14	NNS	NNS	--	--	--	--	<3.0
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	130	NNS	NNS	--	--	--	--	<5.0
2-Chloronapthalene, Total, (ug/l)	13000	11000	NNS	NNS	NNS	NNS	--	--	--	--	<3.0
2-Chlorophenol, Total, (ug/l)	2100	700	2200	150	NNS	NNS	--	--	--	--	<3.0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<3.0
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<3.0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<5.0
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	35	NNS	NNS	--	--	--	--	<3.0
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	970	NNS	NNS	--	--	--	--	<3.0
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	780	NNS	NNS	--	--	--	--	<3.0
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	470	NNS	NNS	--	--	--	--	<3.0
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<5.0
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	88	NNS	NNS	--	--	--	--	<3.0
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	1600	NNS	NNS	--	--	--	--	<3.0
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1100	310	NNS	NNS	--	--	--	--	<5.0
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	1000	NNS	NNS	--	--	--	--	<3.0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	24	NNS	NNS	--	--	--	--	<5.0
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	9.2	NNS	NNS	--	--	--	--	<10
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	970	NNS	NNS	--	--	--	--	<5.0
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<5.0
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<5.0
Fluoranthene, Total, (ug/l)	130	5600	2000	1600	NNS	NNS	--	--	--	--	<3.0
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	--	--	--	--	<3.0
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	NNS	NNS	NNS	--	--	--	--	<3.0
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	8.2	NNS	NNS	--	--	--	--	<3.0
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	0.3	NNS	NNS	--	--	--	--	<10
Hexachloroethane, Total, (ug/l)	4.8	140	490	350	NNS	NNS	--	--	--	--	<3.0

SR-03 - North Bank of Salt River at 35th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)					
Sampling Station Identification Number							SR-03	SR-03	SR-03	SR-03	SR-03
Date of Sampling							7/7/96	7/15/96	7/25/96	9/11/96	1/13/97
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<5.0
Isophorone, Total, (ug/l)	520	28000	59000	43000	NNS	NNS	--	--	--	--	<3.0
Naphthalene, Total, (ug/l)	NNS	560	3300	600	NNS	NNS	--	--	--	--	<3.0
Nitrobenzene, Total, (ug/l)	600	70	13000	850	NNS	NNS	--	--	--	--	<3.0
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<5.0
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	3000	NNS	NNS	--	--	--	--	<5.0
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	200	NNS	NNS	--	--	--	--	<3.0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<3.0
Pentachlorophenol, Total, (ug/l)	29000	2000	I	I	NNS	NNS	--	--	--	--	<5.0
Phenanthrene, Total, (ug/l)	0.0005	NNS	54	6.3	NNS	NNS	--	--	--	--	<3.0
Phenol, Total, (ug/l)							--	--	--	--	<3.0
Pyrene, Total, (ug/l)	1100	4200	NNS	NNS	NNS	NNS	--	--	--	--	<3.0
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	NNS	NNS	NNS	NNS	--	--	--	--	<3.0
2,4,5- Trichlorophenol, Total, (ug/l)							--	--	--	--	<3.0
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	25	NNS	NNS	--	--	--	--	<3.0
N-Nitrosodimethylamine, Total, (ug/l)	2.1	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	0.25	NNS	130	11	NNS	NNS	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)							--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)							--	--	--	--	--

SR-21
North bank Salt River at I-10

SR-21 I-10 and North Bank of Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)										
Sampling Station Identification Number				**SR-21**	**SR-21**	**SR-21**	**SR-21**	**SR-21**	**SR-21**	**SR-21**	**SR-21**	**SR-21**	**SR-21**
Date of Sampling				**1/3/92**	**2/6/92**	**3/26/92**	**8/5/92**	**1/4/95**	**1/25/95**	**8/19/95**	**9/27/95**	**11/1/95**	**2/1/96**
Agency Collecting Sample				WWC	WWC	WWC	WWC	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample				ATI	ATI	ATI	ATI	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	DEL MAR
Drainage Area (acres) (DA)				630	630	630	630	630	630	630	630	630	630
Impervious Area (acres) (IA)				--	--	--	--	--	--	--	--	--	--
Land Use - Residential				0	0	0	0	0	0	0	0	0	0
Land Use - Commercial				0	0	0	0	0	0	0	0	0	0
Land Use - Industrial				485.1	485.1	485.1	485.1	485.1	485.1	485.1	485.1	485.1	485.1
Land Use - Undeveloped				144.9	144.9	144.9	144.9	144.9	144.9	144.9	144.9	144.9	144.9
Sampling Duration (minutes)				UA	UA	UA	UA	720	600	42	46	46	276
Storm Duration (minutes) (DRN)				UA	UA	UA	UA	UA	UA	172	320	330	150
Runoff Sampled (cubic feet) (RUN)				UA	UA	UA	UA	260000	252000	106750	228050	88410	70840
Total Storm Runoff (cubic feet)				UA	UA	UA	UA	UA	UA	418000	984000	1281000	72500
Instantaneous Discharge (cfs)				UA	UA	UA	UA	34.58	27	114.93	175.03	79.09	19.61
Preceeding Dry Period (days) (ANT)				UA	UA	UA	UA	UA	21	UA	20	33	91
Total Storm Rainfall (inch)				UA	UA	UA	UA	UA	UA	0.26	0.51	0.82	0.16
Rainfall Sampled (inch) (TRN)				UA	UA	UA	UA	0.67	0.1	0.16	0.25	0.25	0.16
Maximum 5-minute rain intensity (MAX5)				UA	UA	UA	UA	UA	UA	1.08	2.16	1.32	0.36
Sample Temperature (deg. C)				NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)				NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)				NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)				NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)				NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)				6.8	--	--	6.4	--	6.93	7.65	7.51	7.18	7.1
Specific Conductance, FIELD (us/cm)				--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)				--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)				--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)				--	--	--	--	--	--	--	--	--	8.6
Electrical Conductivity (umhos/cm)				--	--	--	--	--	110	240	190	190	--
BOD5 (mg/l)				10	--	11	14	11	14	30	18	35	25
COD High Level (mg/l)				60	--	--	100	--	68	170	74	96	53
Chloride (mg/l as Cl)				--	--	--	--	--	4.7	33	18	17	2.8
Cyanide Total (mg/l as Cn)	**3100 T**	**84 T**	**19 T**	<0.010	<0.010	<0.010	--	--	<0.01	0.03	0.02	<0.01	--
Fecal Coliform (CFU/100mL)				170	800	30000	--	20	400	1000	2100	--	--
Fecal Streptococci (CFU/100mL)				2400	9000	90000	--	17	600	24	28	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)				40	--	--	100	--	100	170	140	160	--
Residue, Total at 105 Deg. C (TSS) (mg/l)				20	--	--	110	--	16	480	360	290	--
Nitrogen No2 + No3, Total (mg/l as N)	**NNS**	**NNS**	**NNS**	--	--	--	--	--	2.1	3	1.2	3.2	0.97
TKN Nitrogen (mg/l as N)				--	--	--	--	--	1.6	3.5	3.8	4.6	1.7
Nitrogen, Ammonia + Organic, Total (mg/l as N)				1.3	--	--	2.5	--	1.6	3.5	3.8	4.6	1.61
Nitrogen Nitrate Total (mg/l as N)	**NNS**	**NNS**	**NNS**	--	--	--	--	--	--	2.9	1.2	3.1	0.97
Nitrogen Nitrite Total (mg/l as N)	**NNS**	**NNS**	**NNS**	--	--	--	--	--	--	0.05	<0.05	0.06	<0.15
Nitrogen Ammonia Total (mg/l as N)				--	--	--	--	--	--	2.1	1.8	2.7	0.51
Nitrogen Organic Total (mg/l as N)				--	--	--	--	--	--	--	--	1.9	1.1
Phosphorous Total (mg/l as P)				0.18	--	--	0.33	--	0.13	0.99	1.1	0.56	0.13

SR-21 I-10 and North Bank of Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)										
Sampling Station Identification Number				SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21
Date of Sampling				1/3/92	2/6/92	3/26/92	8/5/92	1/4/95	1/25/95	8/19/95	9/27/95	11/1/95	2/1/96
Phosphorous Dissolved (mg/l as P)				--	--	--	--	--	<0.10	1.8	0.35	0.1	--
Phosphorous Ortho (mg/l as P)				--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)				--	--	--	--	--	19	22	15	20	3.8
Hexavalent Chromium Total (mg/l)	700 T	34 D	23 D	--	--	--	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	84000	180000	26000	20	20	<20	--	--	<10	10	<10	<10	--
Oil and Grease Total Recoverable (mg/l)				3	4	5	--	3	2.4	380	<1.0	5.2	3.5
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)	56	NNS	NNS	<3	--	<3	<5	--	--	--	--	--	--
Antimony Dissolved (ug/l as Sb)		NNS	NNS	--	--	--	--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	2800			1	--	2	3	--	<50	<50	<50	<30	--
Arsenic Dissolved (ug/l as As)		440	230	--	--	--	--	--	<5	<5	<50	<30	--
Barium Dissolved (ug/l as Ba)	NNS			--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	700	NNS	NNS	<0.2	--	<0.2	<0.2	--	--	--	--	--	--
Beryllium Dissolved (ug/l as Be)		NNS	NNS	--	--	--	--	--	--	--	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	70			--	--	--	--	--	<40	<40	<4	<3	--
Cadmium Dissolved (ug/l as Cd)		D	D	0.7	--	0.6	0.9	--	0.5	0.06	<1	<3	--
Calcium Dissolved (mg/l as Ca)				--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)				1	--	3	7	--	<50	<50	11	14	--
Chromium Dissolved (ug/l as Cr)				--	--	--	--	--	<5	<5	<2	<2	--
Cobalt Dissolved (ug/l as Co)				--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)				--	--	--	--	--	<50	110	76	65	--
Copper, Dissolved, (ug/l as Cu)	5200	F	F	26	--	31	64	--	<50	<50	25	<50	--
Iron, Dissolved, (ug/l as Fe)				--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS			15	--	10	22	--	<50	<50	10	26	--
Lead, Dissolved, (ug/l as Pb)	NNS	G	G	--	--	--	--	--	<5	<5	<13	<23	--
Lithium, Dissolved, (ug/l as Li)				--	--	--	--	--	--	--	--	--	--
Magnesium, Dissolved, (mg/l as Mg)				--	--	--	--	--	--	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)				--	--	--	--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	42			<0.2	--	<0.2	<0.2	--	<1.0	<1.0	<1.0	<1.0	--
Mercury, Dissolved, (ug/l as Hg)		5.0	2.7	--	--	--	--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)				--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	2800			<20	--	6	10	--	--	--	--	--	--
Nickel, Dissolved, (ug/l as Ni)		H	H	--	--	--	--	--	--	--	--	--	--
Potassium, Dissolved, (mg/l as K)				--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	420	33	2.0	<0.8	--	<0.8	<0.8	--	--	--	--	--	--

SR-21 I-10 and North Bank of Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)										
Sampling Station Identification Number				SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21
Date of Sampling				1/3/92	2/6/92	3/26/92	8/5/92	1/4/95	1/25/95	8/19/95	9/27/95	11/1/95	2/1/96
Selenium, Dissolved, (ug/l as Se)				--	--	--	--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS	NNS	<0.2	--	<0.8	<0.2	--	--	--	--	--	--
Silver, Dissolved, (ug/l as Ag)	NNS	J	NNS	--	--	--	--	--	--	--	--	--	--
Sodium, Dissolved, (mg/l as Na)				--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)				--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	3700	NNS	NNS	<1.0	--	<1.0	<1.0	--	--	--	--	--	--
Thallium, Dissolved, (ug/l as Tl)		NNS	NNS	--	--	--	--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)				--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	28000			62	--	46	122	--	90	<660	<660	490	--
Zinc, Dissolved, (ug/l as Zn)	28000	K	K	--	--	--	--	--	<50	120	58	220	--
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)	4.2	4.5	NNS	--	--	--	--	--	<0.01	--	<0.10	<1.0	--
BHC - ALPHA, (ug/l)	NNS	1600	130	--	--	--	--	--	<0.01	--	<0.05	<0.6	--
BHC - Gamma (Lindane), (ug/l)	2500	11	0.9	--	--	--	--	--	<0.01	--	<0.05	<0.5	--
BHC - DELTA, (ug/l)	NNS	1600	130	--	--	--	--	--	<0.01	--	<0.40	<0.2	--
Aroclor 1016, PCB, Total, (ug/l)	NNS	11	2.5	--	--	--	--	--	<0.02	--	<1.0	<2.0	--
Aroclor 1221, PCB, Total, (ug/l)	NNS	11	2.5	--	--	--	--	--	<0.02	--	<1.0	<50	--
Aroclor 1232, PCB, Total, (ug/l)	NNS	11	2.5	--	--	--	--	--	<0.02	--	<1.0	<10	--
Aroclor 1242, PCB, Total, (ug/l)	NNS	11	2.5	--	--	--	--	--	<0.02	--	<1.0	<6.0	--
Aroclor 1248, PCB, Total, (ug/l)	NNS	11	2.5	--	--	--	--	--	<0.02	--	<1.0	<2.0	--
Aroclor 1254, PCB, Total, (ug/l)	NNS	11	2.5	--	--	--	--	--	<0.02	--	<1.0	<2.0	--
Aroclor 1260, PCB, Total, (ug/L)	NNS	11	2.5	--	--	--	--	--	<0.02	--	<1.0	<4.0	--
Chlordane, Total, (ug/l)	110	3.2	0.45	--	--	--	--	--	<0.02	--	<0.15	<1.5	--
P,P' DDD, Total, (ug/l)	NNS	1.1	0.02	--	--	--	--	--	<0.01	--	<0.10	<0.1	--
P,P' DDE, Total, (ug/l)	NNS	1.1	0.03	--	--	--	--	--	<0.01	--	<0.05	<0.1	--
P, P' DDT, Total, (ug/l)	700	1.1	0.006	--	--	--	--	--	<0.01	--	<0.10	<1.0	--
Dieldrin, Total, (ug/l)	7	4.0	0.9	--	--	--	--	--	<0.01	--	<0.10	<0.5	--
Endo-Sulfan Alpha, Total, (ug/l)	NNS	3.0	1.5	--	--	--	--	--	<0.01	--	<0.15	<0.4	--
Endo-Sulfan Beta, Total, (ug/l)	NNS	3.0	1.5	--	--	--	--	--	<0.01	--	<0.10	<1.0	--
Endo-Sulfan Sulfate, Total, (ug/l)	NNS	3.0	1.5	--	--	--	--	--	<0.01	--	<0.75	<0.4	--
Endrin Aldehyde, Total, (ug/l)	NNS	0.7	0.3	--	--	--	--	--	<0.02	--	<0.25	<0.6	--
Endrin, Total, (ug/l)	40	0.7	0.3	--	--	--	--	--	<0.01	--	<0.10	<1.5	--
Heptachlor, Total, (ug/l)	20	0.9	0.1	--	--	--	--	--	<0.01	--	<0.10	<0.5	--
Heptachlor Epoxide, Total, (ug/l)	2	0.9	0.1	--	--	--	--	--	<0.01	--	<0.10	<0.5	--

SR-21 I-10 and North Bank of Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)										
Sampling Station Identification Number				SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21
Date of Sampling				1/3/92	2/6/92	3/26/92	8/5/92	1/4/95	1/25/95	8/19/95	9/27/95	11/1/95	2/1/96
Toxaphene, Total, (ug/l)	1000	11	1.5	--	--	--	--	--	<0.02	--	<0.50	<2.5	--
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	<10	--	--
Beta Benzene Hexachloride, Total, (ug/l)	NNS	1600	130	--	--	--	--	--	--	--	<0.05	<0.3	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	450	NNS	NNS	--	--	--	--	<0.50	<1.0	<2.0	<2.0	<2.0	<2.0
1,1,1,2-Tetrachloroethane, Total,(ug/l)				--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	4000	15000	6000	--	--	--	--	<0.50	<1.0	<2.0	<2.0	<2.0	<2.0
1,1,1- Trichloroethane, Total, (ug/l)	13000	NNS	NNS	--	--	--	--	<0.50	<1.0	<2.0	<2.0	<2.0	<2.0
1,1,2- Trichloroethane, Total, (ug/l)	560	NNS	NNS	--	--	--	--	<0.50	<1.0	<2.0	<2.0	<2.0	<2.0
Trichloroethene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<0.50	<1.0	<2.0	<2.0	<2.0	<2.0
1,1- Dichloroethane, Total, (ug/l)	14000	NNS	NNS	--	--	--	--	<0.50	<1.0	<2.0	<2.0	<2.0	<2.0
1,1- Dichloroethene, Total, (ug/l)	1300	NNS	NNS	--	--	--	--	<0.50	<1.0	<2.0	<2.0	<2.0	<2.0
1,2- Dichloroethane, Total, (ug/l)	10000	NNS	NNS	--	--	--	--	<0.50	<1.0	<2.0	<2.0	<2.0	<2.0
1,2- Dichloropropane, Total, (ug/l)	200	NNS	NNS	--	--	--	--	<0.50	<1.0	<2.0	<2.0	<2.0	<2.0
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<2.5	<4.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene, (ug/l)	60	NNS	NNS	--	--	--	--	<0.50	<1.0	<2.0	<2.0	<2.0	<2.0
trans-1,2- Dichloroethene, (ug/l)	2800	NNS	NNS	--	--	--	--	<0.50	<2.0	<2.0	<2.0	<2.0	<2.0
trans-1,3- Dichloropropene, (ug/l)				--	--	--	--	<0.50	<2.0	<2.0	<2.0	<2.0	<2.0
Benzene, Total, (ug/l)	470	NNS	NNS	--	--	--	--	<0.50	<2.0	<2.0	<2.0	<2.0	<2.0
Bromodichloromethane, Total, (ug/l)	2800	NNS	NNS	--	--	--	--	<0.50	<2.0	<2.0	<2.0	<2.0	<2.0
Bromoform, Total, (ug/l)	2800	NNS	NNS	--	--	--	--	<0.50	<2.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride, Total, (ug/l)	8000	NNS	NNS	--	--	--	--	<0.50	<1.0	<2.0	<2.0	<2.0	<2.0
Chlorobenzene, Total, (ug/l)	2800	NNS	NNS	--	--	--	--	<0.50	<2.0	<2.0	<2.0	<2.0	<2.0
Chloroethane, (ug/l)	NNS	NNS	NNS	--	--	--	--	<2.5	<2.0	<5.0	<5.0	<5.0	<5.0
Chloroform, Total, (ug/l)	1400	NNS	NNS	--	--	--	--	<0.50	<1.0	<2.0	<2.0	<2.0	<2.0
Ethyl-Benzene, Total, (ug/l)	64000	NNS	NNS	--	--	--	--	<0.50	<2.0	<2.0	<2.0	<2.0	<2.0
Methylene Chloride, Total, (ug/l)	27000	NNS	NNS	--	--	--	--	<5.0	--	<5.0	<5.0	<5.0	<5.0
Toluene, Total, (ug/l)	42000	NNS	NNS	--	--	--	--	<0.50	<2.0	<2.0	<2.0	<2.0	<2.0
Trichlorofluoromethane, Total, (ug/l)				--	--	--	--	--	--	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<1.0	<4.0	<5.0	<5.0	<5.0	<5.0
Chlorodibromomethane, Total, (ug/l)	2800	NNS	NNS	--	--	--	--	<0.50	<2.0	<2.0	<2.0	<2.0	<2.0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)				--	--	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone, Total, (ug/l)				--	--	--	--	--	--	--	--	--	15
2-Butanone, (ug/l)				--	--	--	--	--	--	--	--	--	<10
Carbon Disulfide, Total, (ug/l)				--	--	--	--	--	--	--	--	--	<5.0
1,2 Dichloroethene, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<1.5	<4.0	--	--	--	<2.0
2-Hexanone, Total, (ug/l)				--	--	--	--	--	--	--	--	--	<10
Styrene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--	--	<2.0
Acrolein, Total, (ug/l)	1300	NNS	NNS	--	--	--	--	--	--	--	--	--	--
Acrylonitirile, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	200	NNS	NNS	--	--	--	--	--	--	--	--	--	<5.0
Methyl Chloride, Total, (ug/l)	2800	NNS	NNS	--	--	--	--	<1.0	<2.0	<5.0	<5.0	<5.0	<5.0

SR-21 I-10 and North Bank of Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)										
Sampling Station Identification Number				SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21
Date of Sampling				1/3/92	2/6/92	3/26/92	8/5/92	1/4/95	1/25/95	8/19/95	9/27/95	11/1/95	2/1/96
Parachloro Toluene, Total, (ug/l)				--	--	--	--	<1.0	<2.0	--	--	--	--
Dibromoethane, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	8400	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Acenaphthylene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Benzidine, Total, (ug/l)	420	10000	640	--	--	--	--	--	<20	<100	<100	<100	--
Benzoic Acid, Total, (ug/l)				--	--	--	--	--	--	<100	<100	<100	--
Benzo (a) Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Benzo (b) Fluoranthene, Total, (ug/l)				--	--	--	--	--	--	<10	<10	<10	--
Benzo (k) Fluoranthene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Benzo (ghi) Perylene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Benzo (a) Pyrene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Benzyl Alcohol, Total, (ug/l)				--	--	--	--	--	--	<20	<20	<20	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	5600	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	280000	3100	360	--	--	--	--	--	45	<20	<20	<20	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Butyl Benzyl Phthalate, Total, (ug/l)	28000	NNS	NNS	--	--	--	--	--	<2.0	<20	<20	<20	--
2-Chloronapthalene, Total, (ug/l)	11000	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
2-Chlorophenol, Total, (ug/l)	700	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Chrysene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<20	<20	<20	--
Di-N-Butyl Phthalate, Total, (ug/l)	14000	1100	84	--	--	--	--	--	<2.0	<20	<20	<20	--
1,3- Dichlorobenzene, Total, (ug/l)	13000	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
1,4- Dichlorobenzene, Total, (ug/l)	13000	6500	2500	--	--	--	--	--	<2.0	<10	<10	<10	--
1,2- Dichlorobenzene, Total, (ug/l)	13000	5900	2300	--	--	--	--	--	<2.0	<10	<10	<10	--
3,3'- Dichlorobenzidine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<5.0	<40	<40	<40	--
2,4- Dichlorophenol, Total, (ug/l)	420	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Diethyl Phthalate, Total, (ug/l)	110000	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
2,4- Dimethylphenol, Total, (ug/l)	NNS	150000	43000	--	--	--	--	--	<2.0	<20	<20	<20	--
Dimethyl Phthalate, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<5.0	<40	<40	<40	--
2,4- Dinitrophenol, Total, (ug/l)	280	NNS	NNS	--	--	--	--	--	<10	<100	<100	<100	--
2,4- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<40	<40	<40	--
Fluoranthene, Total, (ug/l)	5600	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Fluorene, Total, (ug/l)	5600	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Hexachlorobenzene, Total, (ug/l)	100	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Hexachlorobutadiene, Total, (ug/l)	280	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Hexachlorocyclopentadiene, Total, (ug/l)	1000	NNS	NNS	--	--	--	--	--	<2.0	<40	<40	<40	--
Hexachloroethane, Total, (ug/l)	140	850	610	--	--	--	--	--	<2.0	<10	<10	<10	--

SR-21 I-10 and North Bank of Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)										
Sampling Station Identification Number				SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21
Date of Sampling				1/3/92	2/6/92	3/26/92	8/5/92	1/4/95	1/25/95	8/19/95	9/27/95	11/1/95	2/1/96
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<20	<20	<20	--
Isophorone, Total, (ug/l)	28000	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Naphthalene, Total, (ug/l)	560	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Nitrobenzene, Total, (ug/l)	70	NNS	NNS	--	--	--	--	--	<2.0	<40	<40	<40	--
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
4-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<5.0	<100	<100	<100	--
N-Nitrosodiphenylamine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Pentachlorophenol, Total, (ug/l)	2000	I	I	--	--	--	--	--	<5.0	<40	<40	<40	--
Phenanthrene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
Phenol, Total, (ug/l)				--	--	--	--	--	<2.0	<10	<10	<10	--
Pyrene, Total, (ug/l)	4200	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
1,2,4-Trichlorobenzene, Total, (ug/l)	2800	NNS	NNS	--	--	--	--	--	<2.0	<10	<10	<10	--
2,4,5- Trichlorophenol, Total, (ug/l)				--	--	--	--	--	--	<20	<20	<20	--
2,4,6- Trichlorophenol, Total, (ug/l)	NNS	3000	460	--	--	--	--	--	<5.0	<20	<20	<20	--
N-Nitrosodimethylamine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	<10	<10	<10	--
1,2- Diphenylhydrazine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	<2.0	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--

SR-21 I-10 and North Bank of Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)								
Sampling Station Identification Number				SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21
Date of Sampling				2/26/96	3/13/96	7/25/96	9/2/96	9/11/96	11/29/96	1/26/97	2/27/97
Agency Collecting Sample				FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample				DEL MAR	DEL MAR	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN
Drainage Area (acres) (DA)				630	630	630	630	630	630	630	630
Impervious Area (acres) (IA)				--	--	--	--	--	--	--	--
Land Use - Residential				0	0	0	0	0	0	0	0
Land Use - Commercial				0	0	0	0	0	0	0	0
Land Use - Industrial				485.1	485.1	485.1	485.1	485.1	485.1	485.1	485.1
Land Use - Undeveloped				144.9	144.9	144.9	144.9	144.9	144.9	144.9	144.9
Sampling Duration (minutes)				402	871	85	189	327	315	615	208
Storm Duration (minutes) (DRN)				308	311	230	22	347	36	366	264
Runoff Sampled (cubic feet) (RUN)				47535	17945	121700	129000	146400	37400	17500	105500
Total Storm Runoff (cubic feet)				47600	18000	319600	131000	148000	39000	18000	241000
Instantaneous Discharge (cfs)				20	2.43	47	45.5	28.8	10.64	1.67	21.15
Preceeding Dry Period (days) (ANT)				25	16	16	5	7	66	13	31
Total Storm Rainfall (inch)				0.54	0.07	0.31	0.1	0.14	0.05	0.04	0.11
Rainfall Sampled (inch) (TRN)				0.54	0.17	0.22	0.1	0.14	0.05	0.04	0.08
Maximum 5-minute rain intensity (MAX5)				0.36	0.12	0.48	0.6	0.36	0.24	0.12	0.24
Sample Temperature (deg. C)				NM	NM	NM	NM	NM	NM	13.1	11.8
Effluent Temperature (deg. C)				NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)				NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)				NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)				NM	NM	NM	NM	NM	NM	7.94	8.25
pH, Lab (standard units)				8	7.3	7.8	8	7	--	--	7.5
Specific Conductance, FIELD (us/cm)				--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)				180	140	--	--	--	--	--	--
Oxygen Dissolved (% saturation)				--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)				9.1	9.4	8.1	--	--	9.7	10.1	9.44
Electrical Conductivity (umhos/cm)				--	--	495	1270	211	--	--	113
BOD5 (mg/l)				42	39	493	--	--	22	15	21
COD High Level (mg/l)				160	53	155	94	170	--	--	80
Chloride (mg/l as Cl)				11	4.2	78	--	7	--	--	5
Cyanide Total (mg/l as Cn)	3100 T	84 T	19 T	--	<0.025	<0.02	--	<0.02	--	--	<0.01
Fecal Coliform (CFU/100mL)				17	50	30000	--	16000	4	33	2400
Fecal Streptococci (CFU/100mL)				700	5000	900	2400	5000	<2	90	23
Solids Residue at 180 Deg. C (TDS) (mg/l)				170	110	364	336	100	--	--	91
Residue, Total at 105 Deg. C (TSS) (mg/l)				68	14	84	234	42	--	--	36
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	2.6	1.1	1.9	1.9	0.98	--	--	1.96
TKN Nitrogen (mg/l as N)				3.9	<0.50	3.61	2.4	6.2	--	--	2.65
Nitrogen, Ammonia + Organic, Total (mg/l as N)				3.68	0.98	3.51	2.4	6.2	--	--	2.65
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	2.6	1.1	2	1.9	0.49	--	--	1.96
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	<0.15	<0.15	<0.1	<0.1	0.49	--	--	<0.1
Nitrogen Ammonia Total (mg/l as N)				0.98	0.98	1.9	1.2	2.1	--	--	2.4
Nitrogen Organic Total (mg/l as N)				2.7	ND	1.61	1.2	4.1	--	--	0.25
Phosphorous Total (mg/l as P)				0.15	0.15	0.64	0.119	0.158	--	--	0.19

SR-21 I-10 and North Bank of Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)								
Sampling Station Identification Number				SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21
Date of Sampling				2/26/96	3/13/96	7/25/96	9/2/96	9/11/96	11/29/96	1/26/97	2/27/97
Phosphorous Dissolved (mg/l as P)				0.14	0.16	0.4	0.08	--	--	--	0.16
Phosphorous Ortho (mg/l as P)				--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)				18	4.6	45	--	--	--	--	13
Hexavalent Chromium Total (mg/l)	700 T	34 D	23 D	<0.025	<0.025	<0.005	<0.005	<0.005	--	--	<0.010
Phenols Total Recoverable (ug/l)	84000	180000	26000	<100	<100	17	--	40	--	--	17
Oil and Grease Total Recoverable (mg/l)				<1.0	4.1	<5	--	9	<5.0	<5.0	<10.0
Organic Carbon, Total (mg/l)				--	21	47	40.3	44	--	--	23.1
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)				30	14	64	22	26	--	--	22
Silica Dissolved (mg/l as SiO2)				--	--	--	--	--	--	--	--
Hardness (mg/l)				54	26	<6	63	50	--	--	43
Antimony (ug/l as Sb)	56	NNS	NNS	<50	<50	<5	<5	<5	--	--	<5
Antimony Dissolved (ug/l as Sb)		NNS	NNS	<50	<50	<5	<5	<5	--	--	<5
Arsenic Total (ug/l as As)	2800			<10	<10	<5	<5	<5	--	--	<5
Arsenic Dissolved (ug/l as As)		440	230	<10	<10	<5	<5	<5	--	--	<5
Barium Dissolved (ug/l as Ba)	NNS			--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	700	NNS	NNS	<5	<5	<2	<2	<2	--	--	<2
Beryllium Dissolved (ug/l as Be)		NNS	NNS	<5	<4	<2	<2	<2	--	--	<2
Cadmium Total Recoverable (ug/l as Cd)	70			<5	<5	<4	<4	<4	--	--	<4
Cadmium Dissolved (ug/l as Cd)		D	D	<5	<5	<4	<4	<4	--	--	<4
Calcium Dissolved (mg/l as Ca)				--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)				<5	<5	<5	<5	<5	--	--	9
Chromium Dissolved (ug/l as Cr)				<5	<5	<5	<5	8	--	--	<5
Cobalt Dissolved (ug/l as Co)				--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)				<50	<50	<15	36	44	--	--	54
Copper, Dissolved, (ug/l as Cu)	5200	F	F	<50	<50	54	36	40	--	--	43
Iron, Dissolved, (ug/l as Fe)				--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS			16	<50	16	<5	<5	--	--	14
Lead, Dissolved, (ug/l as Pb)	NNS	G	G	7.5	<50	5	<5	<5	--	--	6
Lithium, Dissolved, (ug/l as Li)				--	--	--	--	--	--	--	--
Magnesium, Dissolved, (mg/l as Mg)				--	--	--	--	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)				--	--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	42			<0.2	<0.2	<0.2	<0.2	<0.2	--	--	<0.2
Mercury, Dissolved, (ug/l as Hg)		5.0	2.7	<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)	2800			<50	<50	<20	20	<20	--	--	20
Nickel, Dissolved, (ug/l as Ni)		H	H	<50	<50	<20	<20	<20	--	--	<20
Potassium, Dissolved, (mg/l as K)				--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	420	33	2.0	<20	<20	<5	<5	<5	--	--	<5

SR-21 I-10 and North Bank of Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)								
Sampling Station Identification Number				SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21
Date of Sampling				2/26/96	3/13/96	7/25/96	9/2/96	9/11/96	11/29/96	1/26/97	2/27/97
Selenium, Dissolved, (ug/l as Se)				<20	<20	<5	<5	<5	--	--	<5
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS	NNS	<5	<10	<50	<50	<50	--	--	<50
Silver, Dissolved, (ug/l as Ag)	NNS	J	NNS	<5	<10	<50	<50	<50	--	--	<50
Sodium, Dissolved, (mg/l as Na)				--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)				--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	3700	NNS	NNS	<20	<50	<1	<1	<1	--	--	<1
Thallium, Dissolved, (ug/l as Tl)		NNS	NNS	<20	<50	<1	<1	<1	--	--	<1
Vanadium, Dissolved, (ug/l as V)				--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	28000			250	64	<20	90	120	--	--	160
Zinc, Dissolved, (ug/l as Zn)	28000	K	K	220	<50	90	90	110	--	--	130
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)	4.2	4.5	NNS	--	<0.10	<0.5	--	--	--	--	<0.5
BHC - ALPHA, (ug/l)	NNS	1600	130	--	<0.05	<0.5	--	--	--	--	<0.5
BHC - Gamma (Lindane), (ug/l)	2500	11	0.9	--	<0.05	<0.5	--	--	--	--	<0.5
BHC - DELTA, (ug/l)	NNS	1600	130	--	<0.40	<0.5	--	--	--	--	<0.5
Aroclor 1016, PCB, Total, (ug/l)	NNS	11	2.5	--	<1.0	<0.5	--	--	--	--	<0.5
Aroclor 1221, PCB, Total, (ug/l)	NNS	11	2.5	--	<1.0	<0.5	--	--	--	--	<0.5
Aroclor 1232, PCB, Total, (ug/l)	NNS	11	2.5	--	<1.0	<0.5	--	--	--	--	<0.5
Aroclor 1242, PCB, Total, (ug/l)	NNS	11	2.5	--	<1.0	<0.5	--	--	--	--	<0.5
Aroclor 1248, PCB, Total, (ug/l)	NNS	11	2.5	--	<1.0	<0.5	--	--	--	--	<0.5
Aroclor 1254, PCB, Total, (ug/l)	NNS	11	2.5	--	<1.0	<0.5	--	--	--	--	<0.5
Aroclor 1260, PCB, Total, (ug/L)	NNS	11	2.5	--	<1.0	<0.5	--	--	--	--	<0.5
Chlordane, Total, (ug/l)	110	3.2	0.45	--	<0.15	<0.5	--	--	--	--	<0.5
P,P' DDD, Total, (ug/l)	NNS	1.1	0.02	--	<0.10	<0.5	--	--	--	--	<0.5
P,P' DDE, Total, (ug/l)	NNS	1.1	0.03	--	<0.05	<0.5	--	--	--	--	<0.5
P, P' DDT, Total, (ug/l)	700	1.1	0.006	--	<0.10	<0.5	--	--	--	--	<0.5
Dieldrin, Total, (ug/l)	7	4.0	0.9	--	<0.10	<0.5	--	--	--	--	<0.5
Endo-Sulfan Alpha, Total, (ug/l)	NNS	3.0	1.5	--	<0.15	<0.5	--	--	--	--	<0.5
Endo-Sulfan Beta, Total, (ug/l)	NNS	3.0	1.5	--	<0.10	<0.5	--	--	--	--	<0.5
Endo-Sulfan Sulfate, Total, (ug/l)	NNS	3.0	1.5	--	<0.75	<0.5	--	--	--	--	<0.5
Endrin Aldehyde, Total, (ug/l)	NNS	0.7	0.3	--	<0.25	<0.5	--	--	--	--	<0.5
Endrin, Total, (ug/l)	40	0.7	0.3	--	<0.10	<0.1	--	--	--	--	<0.1
Heptachlor, Total, (ug/l)	20	0.9	0.1	--	<0.10	<0.5	--	--	--	--	<0.5
Heptachlor Epoxide, Total, (ug/l)	2	0.9	0.1	--	<0.10	<0.5	--	--	--	--	<0.5

SR-21 I-10 and North Bank of Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)								
Sampling Station Identification Number				SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21
Date of Sampling				2/26/96	3/13/96	7/25/96	9/2/96	9/11/96	11/29/96	1/26/97	2/27/97
Toxaphene, Total, (ug/l)	1000	11	1.5	--	<0.50	<0.5	--	--	--	--	<0.5
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	--	<10	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	NNS	1600	130	--	<0.05	<0.5	--	--	--	--	<0.5
1,1,2,2-Tetrachloroethane, Total, (ug/l)	450	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,1,1,2-Tetrachloroethane, Total,(ug/l)				--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	4000	15000	6000	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,1,1- Trichloroethane, Total, (ug/l)	13000	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,1,2- Trichloroethane, Total, (ug/l)	560	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Trichloroethene, Total, (ug/l)	NNS	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,1- Dichloroethane, Total, (ug/l)	14000	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,1- Dichloroethene, Total, (ug/l)	1300	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,2- Dichloroethane, Total, (ug/l)	10000	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,2- Dichloropropane, Total, (ug/l)	200	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	NNS	<5.0	<5.0	<2	<2	<2	<2	<2	<2
cis-1,3-Dichloropropene, (ug/l)	60	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
trans-1,2- Dichloroethene, (ug/l)	2800	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
trans-1,3- Dichloropropene, (ug/l)				<2.0	<2.0	<2	<2	<2	<2	<2	<2
Benzene, Total, (ug/l)	470	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Bromodichloromethane, Total, (ug/l)	2800	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Bromoform, Total, (ug/l)	2800	NNS	NNS	<5.0	<5.0	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride, Total, (ug/l)	8000	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Chlorobenzene, Total, (ug/l)	2800	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Chloroethane, (ug/l)	NNS	NNS	NNS	<5.0	<5.0	<5	<5	<5	<5	<5	<5
Chloroform, Total, (ug/l)	1400	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Ethyl-Benzene, Total, (ug/l)	64000	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Methylene Chloride, Total, (ug/l)	27000	NNS	NNS	<5.0	<5.0	--	--	--	--	--	--
Toluene, Total, (ug/l)	42000	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	5.8
Trichlorofluoromethane, Total, (ug/l)				<5.0	<5.0	<2	<2	<2	<2	<2	<2
Vinyl Chloride, Total, (ug/l)	NNS	NNS	NNS	<5.0	<5.0	<5	<5	<5	<5	<5	<5
Chlorodibromomethane, Total, (ug/l)	2800	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)				<5.0	<5.0	--	--	--	--	--	--
Acetone, Total, (ug/l)				46	<10	<10	<10	<10	<10	<10	<10
2-Butanone, (ug/l)				20	<10	<10	<10	<10	<10	<10	<10
Carbon Disulfide, Total, (ug/l)				<5.0	<5.0	<10	<10	<10	<10	<10	<10
1,2 Dichloroethene, Total, (ug/l)				--	--	<2	<2	<2	<2	<2	<2
Xylenes, Total, (ug/l)	NNS	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
2-Hexanone, Total, (ug/l)				<10	<10	<10	<10	<10	<10	<10	<10
Styrene, Total, (ug/l)	NNS	NNS	NNS	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Acrolein, Total, (ug/l)	1300	NNS	NNS	--	--	<10	<10	<10	<10	<10	<10
Acrylonitirile, Total, (ug/l)				--	--	<10	<10	<10	<10	<10	<10
Bromobenzene, Water Whole, Total, (ug/l)				--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)				--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	200	NNS	NNS	<5.0	<5.0	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	2800	NNS	NNS	<5.0	<5.0	--	--	--	--	--	--

SR-21 I-10 and North Bank of Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)								
Sampling Station Identification Number				SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21
Date of Sampling				2/26/96	3/13/96	7/25/96	9/2/96	9/11/96	11/29/96	1/26/97	2/27/97
Parachloro Toluene, Total, (ug/l)				--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)				--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	8400	NNS	NNS	--	<10	<3	--	--	--	--	<3
Acenaphthylene, Total, (ug/l)	NNS	NNS	NNS	--	<10	<3	--	--	--	--	<3
Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	<10	<3	--	--	--	--	<3
Benzidine, Total, (ug/l)	420	10000	640	--	<100	<3	--	--	--	--	<3
Benzoic Acid, Total, (ug/l)				--	<100	16	--	--	--	--	<5.0
Benzo (a) Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	<10	<3	--	--	--	--	<3
Benzo (b) Fluoranthene, Total, (ug/l)				--	<10	<5	--	--	--	--	<5
Benzo (k) Fluoranthene, Total, (ug/l)	NNS	NNS	NNS	--	<10	<5	--	--	--	--	<5
Benzo (ghi) Perylene, Total, (ug/l)	NNS	NNS	NNS	--	<10	<3	--	--	--	--	<3
Benzo (a) Pyrene, Total, (ug/l)	NNS	NNS	NNS	--	<10	<3	--	--	--	--	<3
Benzyl Alcohol, Total, (ug/l)				--	<20	<3	--	--	--	--	<3
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	--	<10	<3	--	--	--	--	<3
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	NNS	NNS	NNS	--	<10	<3	--	--	--	--	<3
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	5600	NNS	NNS	--	<10	<3	--	--	--	--	<3
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	280000	3100	360	--	52	20	--	--	--	--	12
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	--	<10	<3	--	--	--	--	<3
Butyl Benzyl Phthalate, Total, (ug/l)	28000	NNS	NNS	--	<20	<5	--	--	--	--	<5
2-Chloronapthalene, Total, (ug/l)	11000	NNS	NNS	--	<10	<3	--	--	--	--	<3
2-Chlorophenol, Total, (ug/l)	700	NNS	NNS	--	<10	<3	--	--	--	--	<3
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	--	<10	<3	--	--	--	--	<3
Chrysene, Total, (ug/l)	NNS	NNS	NNS	--	<10	<3	--	--	--	--	<3
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	<20	<5	--	--	--	--	<5
Di-N-Butyl Phthalate, Total, (ug/l)	14000	1100	84	--	<20	<3	--	--	--	--	<3
1,3- Dichlorobenzene, Total, (ug/l)	13000	NNS	NNS	--	<10	<3	--	--	--	--	<3
1,4- Dichlorobenzene, Total, (ug/l)	13000	6500	2500	--	<10	<3	--	--	--	--	<3
1,2- Dichlorobenzene, Total, (ug/l)	13000	5900	2300	--	<10	<3	--	--	--	--	<3
3,3'- Dichlorobenzidine, Total, (ug/l)	NNS	NNS	NNS	--	<40	<5	--	--	--	--	<5
2,4- Dichlorophenol, Total, (ug/l)	420	NNS	NNS	--	<10	<3	--	--	--	--	<3
Diethyl Phthalate, Total, (ug/l)	110000	NNS	NNS	--	<10	<3	--	--	--	--	<3
2,4- Dimethylphenol, Total, (ug/l)	NNS	150000	43000	--	<20	<5	--	--	--	--	<5
Dimethyl Phthalate, Total, (ug/l)	NNS	NNS	NNS	--	<10	<3	--	--	--	--	<3
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	NNS	NNS	NNS	--	<40	<5	--	--	--	--	<5
2,4- Dinitrophenol, Total, (ug/l)	280	NNS	NNS	--	<100	<10	--	--	--	--	<10
2,4- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	--	<10	<5	--	--	--	--	<5
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	--	<10	<5	--	--	--	--	<5
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	--	<40	<3	--	--	--	--	<3
Fluoranthene, Total, (ug/l)	5600	NNS	NNS	--	<10	<3	--	--	--	--	<3
Fluorene, Total, (ug/l)	5600	NNS	NNS	--	<10	<3	--	--	--	--	<3
Hexachlorobenzene, Total, (ug/l)	100	NNS	NNS	--	<10	<3	--	--	--	--	<3
Hexachlorobutadiene, Total, (ug/l)	280	NNS	NNS	--	<10	<3	--	--	--	--	<3
Hexachlorocyclopentadiene, Total, (ug/l)	1000	NNS	NNS	--	<40	<10	--	--	--	--	<10
Hexachloroethane, Total, (ug/l)	140	850	610	--	<10	<3	--	--	--	--	<3

SR-21 I-10 and North Bank of Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)								
Sampling Station Identification Number				SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21	SR-21
Date of Sampling				2/26/96	3/13/96	7/25/96	9/2/96	9/11/96	11/29/96	1/26/97	2/27/97
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	NNS	NNS	NNS	--	<20	<5	--	--	--	--	<5
Isophorone, Total, (ug/l)	28000	NNS	NNS	--	<10	<3	--	--	--	--	<3
Naphthalene, Total, (ug/l)	560	NNS	NNS	--	<10	<3	--	--	--	--	<3
Nitrobenzene, Total, (ug/l)	70	NNS	NNS	--	<40	<3	--	--	--	--	<3
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	--	<10	<5	--	--	--	--	<5
4-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	--	<100	<5	--	--	--	--	<5
N-Nitrosodiphenylamine, Total, (ug/l)	NNS	NNS	NNS	--	<10	<3	--	--	--	--	<3
N-Nitrosodi-N-Propylamine, Total, (ug/l)	NNS	NNS	NNS	--	<10	<3	--	--	--	--	<3
Pentachlorophenol, Total, (ug/l)	2000	I	I	--	<40	<5	--	--	--	--	<5
Phenanthrene, Total, (ug/l)	NNS	NNS	NNS	--	<10	<3	--	--	--	--	<3
Phenol, Total, (ug/l)				--	<10	<3	--	--	--	--	<3
Pyrene, Total, (ug/l)	4200	NNS	NNS	--	<10	<3	--	--	--	--	<3
1,2,4-Trichlorobenzene, Total, (ug/l)	2800	NNS	NNS	--	<10	<3	--	--	--	--	<3
2,4,5- Trichlorophenol, Total, (ug/l)				--	<20	<3	--	--	--	--	<3
2,4,6- Trichlorophenol, Total, (ug/l)	NNS	3000	460	--	<20	<3	--	--	--	--	<3
N-Nitrosodimethylamine, Total, (ug/l)	NNS	NNS	NNS	--	<10	<3	--	--	--	--	<3
1,2- Diphenylhydrazine, Total, (ug/l)	NNS	NNS	NNS	--	<1000	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)				--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)				--	--	--	--	--	--	--	--

SR-45
South bank Salt River at 40th Street

SR-45 40th Street and South Bank Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)										
Sampling Station Identification Number				SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45
Date				1/3/92	2/6/92	3/26/92	8/14/95	8/19/95	9/28/95	11/1/95	2/1/96	2/26/96	3/13/96
Agency Collecting Sample				WWC	WWC	WWC	FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample				ATI	ATI	ATI	WESTECH	WESTECH	WESTECH	WESTECH	DEL MAR	DEL MAR	DEL MAR
Drainage Area (acres) (DA)				120	120	120	120	120	120	120	120	120	120
Impervious Area (acres) (IA)				--	--	--	--	--	--	--	--	--	--
Land Use - Residential				0	0	0	0	0	0	0	0	0	0
Land Use - Commercial				0	0	0	0	0	0	0	0	0	0
Land Use - Industrial				120	120	120	120	120	120	120	120	120	120
Land Use - Undeveloped				0	0	0	0	0	0	0	0	0	0
Sampling Duration (minutes)				UA	UA	UA	140	162	256	140	104	240	1166
Storm Duration (minutes) (DRN)				UA	UA	UA	UA	UA	UA	UA	UA	UA	UA
Runoff Sampled (cubic feet) (RUN)				UA	UA	UA	53335	34300	37595	29470	10000	20488	14040
Total Storm Runoff (cubic feet)				UA	UA	UA	54000	36000	UA	UA	10500	UA	UA
Instantaneous Discharge (cfs)				UA	UA	UA	21.946	25.03	17.625	12.143	3.475	5.1	2.943
Preceeding Dry Period (days) (ANT)				UA	UA	UA	UA	5	20	33	91	25	16
Total Storm Rainfall (inch)				UA	UA	UA	1	0.26	UA	UA	0.16	UA	UA
Rainfall Sampled (inch) (TRN)				UA	UA	UA	1	0.26	0.25	0.49	0.16	0.48	0.25
Maximum 5-minute rain intensity (MAX5)				UA	UA	UA	UA	UA	UA	UA	UA	UA	UA
Sample Temperature (deg. C)				NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)				NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)				NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)				NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)				NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)				6.7	--	6.8	--	7.44	7.26	7.06	7.6	8.1	7.4
Specific Conductance, FIELD (us/cm)				--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)				--	--	--	--	--	--	--	220	180	290
Oxygen Dissolved (% saturation)				--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)				--	--	--	--	--	--	--	5	8.4	1.2
Electrical Conductivity (umhos/cm)				--	--	--	--	180	180	220	--	--	--
BOD5 (mg/l)				18	--	21	34	45	56	83	120	144	>400
COD High Level (mg/l)				130	--	120	--	170	120	130	230	120	320
Chloride (mg/l as Cl)				--	--	--	--	17	14	16	11	19	19
Cyanide Total (mg/l as Cn)	3100 T	84 T	19 T	<0.010	0.03	--	--	<0.01	<0.01	<0.01	<0.025	<0.025	<0.025
Fecal Coliform (CFU/100mL)				2200	2400	--	30	1200	4100	--	--	5000	>16000
Fecal Streptococci (CFU/100mL)				24000	13000	--	20	16	260	--	--	>16000	>16000
Solids Residue at 180 Deg. C (TDS) (mg/l)				90	--	70	--	150	120	180	150	140	320
Residue, Total at 105 Deg. C (TSS) (mg/l)				90	--	170	--	160	290	480	800	250	270
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	--	--	--	--	2.1	1.3	1.5	0.79	1.4	1.3
TKN Nitrogen (mg/l as N)				--	--	--	--	2.8	3.5	4.5	3.9	2.2	3.9
Nitrogen, Ammonia + Organic, Total (mg/l as N)				1.9	--	2.4	--	2.8	3.5	4.5	3.75	2.13	3.68
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	--	--	--	--	2	1.3	1.4	0.79	1.4	1.2
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	--	--	--	--	0.06	<0.05	0.13	<0.15	<0.15	0.14
Nitrogen Ammonia Total (mg/l as N)				--	--	--	--	1.1	0.8	1.7	0.55	0.53	0.98
Nitrogen Organic Total (mg/l as N)				--	--	--	--	--	--	2.8	3.2	1.6	2.7
Phosphorous Total (mg/l as P)				0.32	--	0.52	--	0.74	2.4	0.86	<0.050	0.35	0.7

SR-45 40th Street and South Bank Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)										
Sampling Station Identification Number				SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45
Date				1/3/92	2/6/92	3/26/92	8/14/95	8/19/95	9/28/95	11/1/95	2/1/96	2/26/96	3/13/96
Phosphorous Dissolved (mg/l as P)				--	--	--	--	0.31	0.14	<0.10	--	0.18	0.093
Phosphorous Ortho (mg/l as P)				--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)				--	--	--	--	15	13	27	18	19	33
Hexavalent Chromium Total (mg/l)	700 T	34 D	23 D	--	--	--	--	--	--	--	--	<0.025	<0.025
Phenols Total Recoverable (ug/l)	84000	180000	26000	--	--	--	--	30	<10	20	--	<100	<100
Oil and Grease Total Recoverable (mg/l)				3	4	--	<5	480	2.8	6.5	24	2.9	25
Organic Carbon, Total (mg/l)				--	--	--	--	--	--	--	--	--	54
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)				--	--	--	--	--	--	--	--	24	68
Silica Dissolved (mg/l as SiO2)				--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)				--	--	--	--	--	--	--	--	77	99
Antimony (ug/l as Sb)	56	NNS	NNS	<3	--	<3	--	--	--	--	--	<50	<50
Antimony Dissolved (ug/l as Sb)		NNS	NNS	--	--	--	--	--	--	--	--	<50	<50
Arsenic Total (ug/l as As)	2800			4	--	5	--	<50	<50	<30	--	<10	<10
Arsenic Dissolved (ug/l as As)		440	230	--	--	--	--	<5	<50	<30	--	<10	<10
Barium Dissolved (ug/l as Ba)	NNS			--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	700	NNS	NNS	<0.2	--	0.3	--	--	--	--	--	<5	<5
Beryllium Dissolved (ug/l as Be)		NNS	NNS	--	--	--	--	--	--	--	--	<5	<4
Cadmium Total Recoverable (ug/l as Cd)	70			--	--	--	--	<40	<4	<3	--	<5	<5
Cadmium Dissolved (ug/l as Cd)		D	D	0.9	--	1.3	--	<0.5	<1	<3	--	<5	<5
Calcium Dissolved (mg/l as Ca)				--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)				3	--	6	--	<50	26	25	--	14	8.9
Chromium Dissolved (ug/l as Cr)				--	--	--	--	<5	<2	2	--	<5	<5
Cobalt Dissolved (ug/l as Co)				--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)				--	--	--	--	80	230	120	--	85	69
Copper, Dissolved, (ug/l as Cu)	5200	F	F	57	--	63	--	<50	20	<50	--	<50	<50
Iron, Dissolved, (ug/l as Fe)				--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS			31	--	50	--	<50	120	84	--	63	<50
Lead, Dissolved, (ug/l as Pb)	NNS	G	G	--	--	--	--	<5	<13	<23	--	5	<50
Lithium, Dissolved, (ug/l as Li)				--	--	--	--	--	--	--	--	--	--
Magnesium, Dissolved, (mg/l as Mg)				--	--	--	--	--	--	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)				--	--	--	--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	42			<0.2	--	<0.2	--	<1.0	<1.0	<1.0	--	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)		5.0	2.7	--	--	--	--	--	--	--	--	<0.2	<0.2
Molybdenum, Dissolved, (ug/l as Mo)				--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	2800			<20	--	46	--	--	--	--	--	<50	<50
Nickel, Dissolved, (ug/l as Ni)		H	H	--	--	--	--	--	--	--	--	<50	<50
Potassium, Dissolved, (mg/l as K)				--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	420	33	2.0	<0.8	--	<0.8	--	--	--	--	--	<20	<20

SR-45 40th Street and South Bank Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)										
Sampling Station Identification Number				SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45
Date				1/3/92	2/6/92	3/26/92	8/14/95	8/19/95	9/28/95	11/1/95	2/1/96	2/26/96	3/13/96
Selenium, Dissolved, (ug/l as Se)				--	--	--	--	--	--	--	--	<20	<20
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS	NNS	<0.2	--	1	--	--	--	--	--	<5	<10
Silver, Dissolved, (ug/l as Ag)	NNS	J	NNS	--	--	--	--	--	--	--	--	<5	<10
Sodium, Dissolved, (mg/l as Na)				--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)				--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	3700	NNS	NNS	<1.0	--	<1.0	--	--	--	--	--	<20	<50
Thallium, Dissolved, (ug/l as Tl)		NNS	NNS	--	--	--	--	--	--	--	--	<20	<50
Vanadium, Dissolved, (ug/l as V)				--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	28000			139	--	173	--	<660	680	450	--	270	240
Zinc, Dissolved, (ug/l as Zn)	28000	K	K	--	--	--	--	<50	<5	92	--	<50	68
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)	4.2	4.5	NNS	--	--	--	--	--	--	<1.0	--	--	<0.10
BHC - ALPHA, (ug/l)	NNS	1600	130	--	--	--	--	--	--	<0.6	--	--	<0.05
BHC - Gamma (Lindane), (ug/l)	2500	11	0.9	--	--	--	--	--	--	<0.5	--	--	<0.05
BHC - DELTA, (ug/l)	NNS	1600	130	--	--	--	--	--	--	<0.2	--	--	<0.40
Aroclor 1016, PCB, Total, (ug/l)	NNS	11	2.5	--	--	--	--	--	--	<2.0	--	--	<1.0
Aroclor 1221, PCB, Total, (ug/l)	NNS	11	2.5	--	--	--	--	--	--	<50	--	--	<1.0
Aroclor 1232, PCB, Total, (ug/l)	NNS	11	2.5	--	--	--	--	--	--	<10	--	--	<1.0
Aroclor 1242, PCB, Total, (ug/l)	NNS	11	2.5	--	--	--	--	--	--	<6.0	--	--	<1.0
Aroclor 1248, PCB, Total, (ug/l)	NNS	11	2.5	--	--	--	--	--	--	<2.0	--	--	<1.0
Aroclor 1254, PCB, Total, (ug/l)	NNS	11	2.5	--	--	--	--	--	--	<2.0	--	--	<1.0
Aroclor 1260, PCB, Total, (ug/L)	NNS	11	2.5	--	--	--	--	--	--	<4.0	--	--	<1.0
Chlordane, Total, (ug/l)	110	3.2	0.45	--	--	--	--	--	--	<1.5	--	--	<0.15
P,P' DDD, Total, (ug/l)	NNS	1.1	0.02	--	--	--	--	--	--	<0.1	--	--	<0.10
P,P' DDE, Total, (ug/l)	NNS	1.1	0.03	--	--	--	--	--	--	<0.1	--	--	<0.05
P, P' DDT, Total, (ug/l)	700	1.1	0.006	--	--	--	--	--	--	<1.0	--	--	<0.10
Dieldrin, Total, (ug/l)	7	4.0	0.9	--	--	--	--	--	--	<0.5	--	--	<0.10
Endo-Sulfan Alpha, Total, (ug/l)	NNS	3.0	1.5	--	--	--	--	--	--	<0.4	--	--	<0.15
Endo-Sulfan Beta, Total, (ug/l)	NNS	3.0	1.5	--	--	--	--	--	--	<1.0	--	--	<0.10
Endo-Sulfan Sulfate, Total, (ug/l)	NNS	3.0	1.5	--	--	--	--	--	--	<0.4	--	--	<0.75
Endrin Aldehyde, Total, (ug/l)	NNS	0.7	0.3	--	--	--	--	--	--	<0.6	--	--	<0.25
Endrin, Total, (ug/l)	40	0.7	0.3	--	--	--	--	--	--	<1.5	--	--	<0.10
Heptachlor, Total, (ug/l)	20	0.9	0.1	--	--	--	--	--	--	<0.5	--	--	<0.10
Heptachlor Epoxide, Total, (ug/l)	2	0.9	0.1	--	--	--	--	--	--	<0.5	--	--	<0.10

SR-45 40th Street and South Bank Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)										
Sampling Station Identification Number				SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45
Date				1/3/92	2/6/92	3/26/92	8/14/95	8/19/95	9/28/95	11/1/95	2/1/96	2/26/96	3/13/96
Toxaphene, Total, (ug/l)	1000	11	1.5	--	--	--	--	--	--	<2.5	--	--	<0.50
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--	--	<10
Beta Benzene Hexachloride, Total, (ug/l)	NNS	1600	130	--	--	--	--	--	--	<0.3	--	--	<0.05
1,1,2,2-Tetrachloroethane, Total, (ug/l)	450	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1,1,2-Tetrachloroethane, Total,(ug/l)				--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	4000	15000	6000	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1,1- Trichloroethane, Total, (ug/l)	13000	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1,2- Trichloroethane, Total, (ug/l)	560	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichloroethene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1- Dichloroethane, Total, (ug/l)	14000	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1- Dichloroethene, Total, (ug/l)	1300	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2- Dichloroethane, Total, (ug/l)	10000	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2- Dichloropropane, Total, (ug/l)	200	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	NNS	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene, (ug/l)	60	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
trans-1,2- Dichloroethene, (ug/l)	2800	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
trans-1,3- Dichloropropene, (ug/l)				--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Benzene, Total, (ug/l)	470	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Bromodichloromethane, Total, (ug/l)	2800	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Bromoform, Total, (ug/l)	2800	NNS	NNS	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride, Total, (ug/l)	8000	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chlorobenzene, Total, (ug/l)	2800	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chloroethane, (ug/l)	NNS	NNS	NNS	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform, Total, (ug/l)	1400	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Ethyl-Benzene, Total, (ug/l)	64000	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Methylene Chloride, Total, (ug/l)	27000	NNS	NNS	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene, Total, (ug/l)	42000	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	2	<2.0	<2.0
Trichlorofluoromethane, Total, (ug/l)				--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride, Total, (ug/l)	NNS	NNS	NNS	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorodibromomethane, Total, (ug/l)	2800	NNS	NNS	--	--	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)				--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	8.7
Acetone, Total, (ug/l)				--	--	--	--	--	--	--	26	24	41
2-Butanone, (ug/l)				--	--	--	--	--	--	--	<10	<10	<10
Carbon Disulfide, Total, (ug/l)				--	--	--	--	--	--	--	<5.0	<5.0	<5.0
1,2 Dichloroethene, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	4.1	3.9	3.9
2-Hexanone, Total, (ug/l)				--	--	--	--	--	--	--	<10	<10	<10
Styrene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	<2.0	<2.0	<2.0
Acrolein, Total, (ug/l)	1300	NNS	NNS	--	--	--	--	--	--	--	--	--	--
Acrylonitirile, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	200	NNS	NNS	--	--	--	--	--	--	--	--	<5.0	<5.0
Methyl Chloride, Total, (ug/l)	2800	NNS	NNS	--	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

SR-45 40th Street and South Bank Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)										
Sampling Station Identification Number				SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45
Date				1/3/92	2/6/92	3/26/92	8/14/95	8/19/95	9/28/95	11/1/95	2/1/96	2/26/96	3/13/96
Parachloro Toluene, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	8400	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Acenaphthylene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Benzidine, Total, (ug/l)	420	10000	640	--	--	--	--	<100	--	<100	--	--	<280
Benzoic Acid, Total, (ug/l)				--	--	--	--	<100	--	<100	--	--	<280
Benzo (a) Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Benzo (b) Fluoranthene, Total, (ug/l)				--	--	--	--	<10	--	<10	--	--	<28
Benzo (k) Fluoranthene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Benzo (ghi) Perylene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Benzo (a) Pyrene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Benzyl Alcohol, Total, (ug/l)				--	--	--	--	<20	--	<20	--	--	<57
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	5600	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	280000	3100	360	--	--	--	--	51	--	<20	--	--	85
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Butyl Benzyl Phthalate, Total, (ug/l)	28000	NNS	NNS	--	--	--	--	<20	--	<20	--	--	<57
2-Chloronapthalene, Total, (ug/l)	11000	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
2-Chlorophenol, Total, (ug/l)	700	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Chrysene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<20	--	<20	--	--	<57
Di-N-Butyl Phthalate, Total, (ug/l)	14000	1100	84	--	--	--	--	<20	--	<20	--	--	<57
1,3- Dichlorobenzene, Total, (ug/l)	13000	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
1,4- Dichlorobenzene, Total, (ug/l)	13000	6500	2500	--	--	--	--	<10	--	<10	--	--	<28
1,2- Dichlorobenzene, Total, (ug/l)	13000	5900	2300	--	--	--	--	<10	--	<10	--	--	<28
3,3'- Dichlorobenzidine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<40	--	<40	--	--	<110
2,4- Dichlorophenol, Total, (ug/l)	420	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Diethyl Phthalate, Total, (ug/l)	110000	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
2,4- Dimethylphenol, Total, (ug/l)	NNS	150000	43000	--	--	--	--	<20	--	<20	--	--	<57
Dimethyl Phthalate, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<40	--	<40	--	--	<110
2,4- Dinitrophenol, Total, (ug/l)	280	NNS	NNS	--	--	--	--	<100	--	<100	--	--	<280
2,4- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<40	--	<40	--	--	<110
Fluoranthene, Total, (ug/l)	5600	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Fluorene, Total, (ug/l)	5600	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Hexachlorobenzene, Total, (ug/l)	100	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Hexachlorobutadiene, Total, (ug/l)	280	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Hexachlorocyclopentadiene, Total, (ug/l)	1000	NNS	NNS	--	--	--	--	<40	--	<40	--	--	<110
Hexachloroethane, Total, (ug/l)	140	850	610	--	--	--	--	<10	--	<10	--	--	<28

SR-45 40th Street and South Bank Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)										
Sampling Station Identification Number				SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45
Date				1/3/92	2/6/92	3/26/92	8/14/95	8/19/95	9/28/95	11/1/95	2/1/96	2/26/96	3/13/96
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<20	--	<20	--	--	<57
Isophorone, Total, (ug/l)	28000	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Naphthalene, Total, (ug/l)	560	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Nitrobenzene, Total, (ug/l)	70	NNS	NNS	--	--	--	--	<40	--	<40	--	--	<110
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
4-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<100	--	<100	--	--	<280
N-Nitrosodiphenylamine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
N-Nitrosodi-N-Propylamine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Pentachlorophenol, Total, (ug/l)	2000	I	I	--	--	--	--	<40	--	<40	--	--	<110
Phenanthrene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
Phenol, Total, (ug/l)				--	--	--	--	<10	--	<10	--	--	<28
Pyrene, Total, (ug/l)	4200	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
1,2,4-Trichlorobenzene, Total, (ug/l)	2800	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
2,4,5- Trichlorophenol, Total, (ug/l)				--	--	--	--	<20	--	<20	--	--	<57
2,4,6- Trichlorophenol, Total, (ug/l)	NNS	3000	460	--	--	--	--	<20	--	<20	--	--	<57
N-Nitrosodimethylamine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	<10	--	<10	--	--	<28
1,2- Diphenylhydrazine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--	--	<2800
Dichlorodifluoromethane, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--

SR-45 40th Street and South Bank Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)								
Sampling Station Identification Number				SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45
Date				7/9/96	8/30/96	9/4/96	11/29/96	1/13/97	1/13/97	1/26/97	2/27/97
Agency Collecting Sample				FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample				BOLIN	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN
Drainage Area (acres) (DA)				120	120	120	120	120	120	120	120
Impervious Area (acres) (IA)				--	--	--	--	--	--	--	--
Land Use - Residential				0	0	0	0	0	0	0	0
Land Use - Commercial				0	0	0	0	0	0	0	0
Land Use - Industrial				120	120	120	120	120	120	120	120
Land Use - Undeveloped				0	0	0	0	0	0	0	0
Sampling Duration (minutes)				292	114	45	60	175	175	180	300
Storm Duration (minutes) (DRN)				187	44	28	35	235	235	351	312
Runoff Sampled (cubic feet) (RUN)				7800	730	23700	2100	23900	23900	200	12625
Total Storm Runoff (cubic feet)				7800	730	28500	2260	30400	30400	200	13000
Instantaneous Discharge (cfs)				4.6	3.32	26.75	0.9	5.25	5.25	0.04	3.1
Preceeding Dry Period (days) (ANT)				118	10	6	86	45	45	13	31
Total Storm Rainfall (inch)				0.1	0.09	0.47	0.15	0.72	0.72	0.08	0.4
Rainfall Sampled (inch) (TRN)				0.1	0.09	0.47	0.15	0.65	0.65	0.08	0.39
Maximum 5-minute rain intensity (MAX5)				0.24	0.48	2.16	0.84	0.48	0.48	0.12	0.6
Sample Temperature (deg. C)				NM	NM	NM	NM	NM	NM	12.1	12.4
Effluent Temperature (deg. C)				NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)				NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)				NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)				NM	NM	NM	NM	NM	NM	8.45	6.34
pH, Lab (standard units)				--	6.6	7.3		7.7	7.6	--	--
Specific Conductance, FIELD (us/cm)				--	--	--		--	--	--	--
Specific Conductance, LAB (us/cm)				--	--	--		--	--	--	--
Oxygen Dissolved (% saturation)				--	--	--		--	--	--	--
Oxygen Dissolved (mg/l)				2.69	96	7.3		--	--	8.8	1.36
Electrical Conductivity (umhos/cm)				--	1125	310		124	1194	--	--
BOD5 (mg/l)				935	96	10		--	--	120	426
COD High Level (mg/l)				929	165	263		<20	220	--	--
Chloride (mg/l as Cl)				--	--	16		13	248	--	--
Cyanide Total (mg/l as Cn)	3100 T	84 T	19 T	<0.02	<0.02	<0.02		<0.01	--	--	--
Fecal Coliform (CFU/100mL)				>1600	90000	>160000		--	--	>160000	>160000
Fecal Streptococci (CFU/100mL)				>1600	--	30000		--	--	16000	50
Solids Residue at 180 Deg. C (TDS) (mg/l)				--	288	178		118	816	--	--
Residue, Total at 105 Deg. C (TSS) (mg/l)				--	708	142		256	350	--	--
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	--	--	0.7		<0.1	0.42	--	--
TKN Nitrogen (mg/l as N)				17.5	5.3	--		4.46	--	--	--
Nitrogen, Ammonia + Organic, Total (mg/l as N)				17.52	5.3	--		4.46	--	--	--
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	--	--	0.7		<0.1	0.25	--	--
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	--	--	<0.1		<0.1	0.17	--	--
Nitrogen Ammonia Total (mg/l as N)				5.52	1.2	--		1.61	--	--	--
Nitrogen Organic Total (mg/l as N)				12	4.1	--		2.85	--	--	--
Phosphorous Total (mg/l as P)				2.1	0.36	0.4		0.41	1.3	--	--

SR-45 40th Street and South Bank Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)								
Sampling Station Identification Number				SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45
Date				7/9/96	8/30/96	9/4/96	11/29/96	1/13/97	1/13/97	1/26/97	2/27/97
Phosphorous Dissolved (mg/l as P)				--	0.32	0.09		0.06	--	--	--
Phosphorous Ortho (mg/l as P)				--	--	--		--	--	--	--
Sulfate Dissolved (mg/l)				--	--	12		12	109	--	--
Hexavalent Chromium Total (mg/l)	700 T	34 D	23 D	--	<0.005	<0.005		<0.010	--	--	--
Phenols Total Recoverable (ug/l)	84000	180000	26000	100	--	--		<5	--	--	--
Oil and Grease Total Recoverable (mg/l)				22	8	<5.0		--	--	<5.0	<10.0
Organic Carbon, Total (mg/l)				--	38	--		26.2	192	--	--
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)				--	121	56		28	80	--	--
Silica Dissolved (mg/l as SiO2)				--	--	--		--	--	--	--
Hardness (mg/l)				413	261	88		76	264	--	--
Antimony (ug/l as Sb)	56	NNS	NNS	9	<5	<5		5	8	--	--
Antimony Dissolved (ug/l as Sb)		NNS	NNS	--	<5	<5		<5	<5	--	--
Arsenic Total (ug/l as As)	2800			13	<5	5		<5	5	--	--
Arsenic Dissolved (ug/l as As)		440	230	--	<5	<5		<5	<5	--	--
Barium Dissolved (ug/l as Ba)	NNS			--	--	--		--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	700	NNS	NNS	<2	<2	<2		<2	<2	--	--
Beryllium Dissolved (ug/l as Be)		NNS	NNS	--	<2	<2		<2	<2	--	--
Cadmium Total Recoverable (ug/l as Cd)	70			7	<4	<4		<4	<4	--	--
Cadmium Dissolved (ug/l as Cd)		D	D	--	<4	<4		<4	8	--	--
Calcium Dissolved (mg/l as Ca)				--	--	--		--	--	--	--
Chromium Total Recoverable (ug/l as Cr)				25	9	6		18	19	--	--
Chromium Dissolved (ug/l as Cr)				--	<5	9		9	7	--	--
Cobalt Dissolved (ug/l as Co)				--	--	--		--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)				370	32	89		428	477	--	--
Copper, Dissolved, (ug/l as Cu)	5200	F	F	--	<10	50		257	216	--	--
Iron, Dissolved, (ug/l as Fe)				--	--	--		--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS			90	13	40		1420	430	--	--
Lead, Dissolved, (ug/l as Pb)	NNS	G	G	--	<5	40		1420	430	--	--
Lithium, Dissolved, (ug/l as Li)				--	--	--		--	--	--	--
Magnesium, Dissolved, (mg/l as Mg)				--	--	--		--	--	--	--
Manganese, Dissolved, (ug/l as Mn)				--	--	--		--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	42			0.2	<0.2	<0.2		<0.2	0.2	--	--
Mercury, Dissolved, (ug/l as Hg)		5.0	2.7	--	<0.2	<0.2		<0.2	<0.2	--	--
Molybdenum, Dissolved, (ug/l as Mo)				--	--	--		--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	2800			50	<20	<20		<20	<20	--	--
Nickel, Dissolved, (ug/l as Ni)		H	H	--	<20	<20		<20	60	--	--
Potassium, Dissolved, (mg/l as K)				--	--	--		3	20	--	--
Selenium, Total, (ug/l as Se)	420	33	2.0	<5	<5	<5		<5	<5	--	--

SR-45 40th Street and South Bank Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)								
Sampling Station Identification Number				SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45
Date				7/9/96	8/30/96	9/4/96	11/29/96	1/13/97	1/13/97	1/26/97	2/27/97
Selenium, Dissolved, (ug/l as Se)				--	<5	<5		<5	<5	--	--
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS	NNS	<50	<50	<50		<50	<50	--	--
Silver, Dissolved, (ug/l as Ag)	NNS	J	NNS	--	<50	<50		<50	<50	--	--
Sodium, Dissolved, (mg/l as Na)				--	--	--		--	--	--	--
Strontium, Dissolved, (ug/l as Sr)				--	--	--		--	--	--	--
Thallium, Total, (ug/l as Tl)	3700	NNS	NNS	<1	<1	<1		<1	<1	--	--
Thallium, Dissolved, (ug/l as Tl)		NNS	NNS	--	<1	<1		<1	<1	--	--
Vanadium, Dissolved, (ug/l as V)				--	--	--		--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	28000			600	140	230		1860	20700	--	--
Zinc, Dissolved, (ug/l as Zn)	28000	K	K	--	30	310		1490	11300	--	--
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)	4.2	4.5	NNS	<0.5	<0.5	--		<0.5	--	--	--
BHC - ALPHA, (ug/l)	NNS	1600	130	<0.5	<0.5	--		<0.5	--	--	--
BHC - Gamma (Lindane), (ug/l)	2500	11	0.9	<0.5	<0.5	--		<0.5	--	--	--
BHC - DELTA, (ug/l)	NNS	1600	130	<0.5	<0.5	--		<0.5	--	--	--
Aroclor 1016, PCB, Total, (ug/l)	NNS	11	2.5	<0.5	<0.5	--		<0.5	--	--	--
Aroclor 1221, PCB, Total, (ug/l)	NNS	11	2.5	<0.5	<0.5	--		<0.5	--	--	--
Aroclor 1232, PCB, Total, (ug/l)	NNS	11	2.5	<0.5	<0.5	--		<0.5	--	--	--
Aroclor 1242, PCB, Total, (ug/l)	NNS	11	2.5	<0.5	<0.5	--		<0.5	--	--	--
Aroclor 1248, PCB, Total, (ug/l)	NNS	11	2.5	<0.5	<0.5	--		<0.5	--	--	--
Aroclor 1254, PCB, Total, (ug/l)	NNS	11	2.5	<0.5	<0.5	--		<0.5	--	--	--
Aroclor 1260, PCB, Total, (ug/L)	NNS	11	2.5	<0.5	<0.5	--		<0.5	--	--	--
Chlordane, Total, (ug/l)	110	3.2	0.45	<0.5	<0.5	--		<0.5	--	--	--
P,P' DDD, Total, (ug/l)	NNS	1.1	0.02	<0.5	<0.5	--		<0.5	--	--	--
P,P' DDE, Total, (ug/l)	NNS	1.1	0.03	<0.5	<0.5	--		<0.5	--	--	--
P, P' DDT, Total, (ug/l)	700	1.1	0.006	<0.5	<0.5	--		<0.5	--	--	--
Dieldrin, Total, (ug/l)	7	4.0	0.9	<0.5	<0.5	--		<0.5	--	--	--
Endo-Sulfan Alpha, Total, (ug/l)	NNS	3.0	1.5	<0.5	<0.5	--		<0.5	--	--	--
Endo-Sulfan Beta, Total, (ug/l)	NNS	3.0	1.5	<0.5	<0.5	--		<0.5	--	--	--
Endo-Sulfan Sulfate, Total, (ug/l)	NNS	3.0	1.5	<0.5	<0.5	--		<0.5	--	--	--
Endrin Aldehyde, Total, (ug/l)	NNS	0.7	0.3	<0.5	<0.5	--		<0.5	--	--	--
Endrin, Total, (ug/l)	40	0.7	0.3	<0.1	<0.1	--		<0.1	--	--	--
Heptachlor, Total, (ug/l)	20	0.9	0.1	<0.5	<0.5	--		<0.5	--	--	--
Heptachlor Epoxide, Total, (ug/l)	2	0.9	0.1	<0.5	<0.5	--		<0.5	--	--	--

SR-45 40th Street and South Bank Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)								
Sampling Station Identification Number				SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45
Date				7/9/96	8/30/96	9/4/96	11/29/96	1/13/97	1/13/97	1/26/97	2/27/97
Toxaphene, Total, (ug/l)	1000	11	1.5	<0.5	<0.5	--		<0.5	--	--	--
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	--	--	--		<0.5	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	NNS	1600	130	<0.5	<0.5	--		<0.5	--	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	450	NNS	NNS	<2	<2	<2		--	--	<2	<2
1,1,1,2-Tetrachloroethane, Total,(ug/l)				--	--	--		--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	4000	15000	6000	<2	<2	<2		--	--	<2	<2
1,1,1- Trichloroethane, Total, (ug/l)	13000	NNS	NNS	<2	<2	<2		--	--	<2	<2
1,1,2- Trichloroethane, Total, (ug/l)	560	NNS	NNS	<2	<2	<2		--	--	<2	<2
Trichloroethene, Total, (ug/l)	NNS	NNS	NNS	<2	<2	<2		--	--	<2	<2
1,1- Dichloroethane, Total, (ug/l)	14000	NNS	NNS	<2	<2	<2		--	--	<2	<2
1,1- Dichloroethene, Total, (ug/l)	1300	NNS	NNS	<2	<2	<2		--	--	<2	<2
1,2- Dichloroethane, Total, (ug/l)	10000	NNS	NNS	<2	<2	<2		--	--	<2	<2
1,2- Dichloropropane, Total, (ug/l)	200	NNS	NNS	<2	<2	<2		--	--	<2	<2
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	NNS	<2	<2	<2		--	--	<2	<2
cis-1,3-Dichloropropene, (ug/l)	60	NNS	NNS	<2	<2	<2		--	--	<2	<2
trans-1,2- Dichloroethene, (ug/l)	2800	NNS	NNS	<2	<2	<2		--	--	<2	<2
trans-1,3- Dichloropropene, (ug/l)				<2	<2	<2		--	--	<2	<2
Benzene, Total, (ug/l)	470	NNS	NNS	<2	<2	<2		--	--	<2	<2
Bromodichloromethane, Total, (ug/l)	2800	NNS	NNS	<2	<2	<2		--	--	<2	<2
Bromoform, Total, (ug/l)	2800	NNS	NNS	<2	<2	<2		--	--	<2	<2
Carbon Tetrachloride, Total, (ug/l)	8000	NNS	NNS	<2	<2	<2		--	--	<2	<2
Chlorobenzene, Total, (ug/l)	2800	NNS	NNS	<2	<2	<2		--	--	<2	<2
Chloroethane, (ug/l)	NNS	NNS	NNS	<5	<5	<5		--	--	<5	<5
Chloroform, Total, (ug/l)	1400	NNS	NNS	<2	<2	<2		--	--	<2	<2
Ethyl-Benzene, Total, (ug/l)	64000	NNS	NNS	<2	<2	<2		--	--	<2	<2
Methylene Chloride, Total, (ug/l)	27000	NNS	NNS	--	--	--		--	--	--	--
Toluene, Total, (ug/l)	42000	NNS	NNS	<2	<2	<2		--	--	3.4	<2
Trichlorofluoromethane, Total, (ug/l)				<2	<2	<2		--	--	<2	<2
Vinyl Chloride, Total, (ug/l)	NNS	NNS	NNS	<5	<5	<5		--	--	<5	<5
Chlorodibromomethane, Total, (ug/l)	2800	NNS	NNS	<2	<2	<2		--	--	<2	<2
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)				--	--	--		--	--	--	--
Acetone, Total, (ug/l)				<10	<10	<10		--	--	<10	<10
2-Butanone, (ug/l)				<10	<10	<10		--	--	<10	<10
Carbon Disulfide, Total, (ug/l)				<10	<10	<10		--	--	<10	<10
1,2 Dichloroethene, Total, (ug/l)				<2	<2	<2		--	--	<2	<2
Xylenes, Total, (ug/l)	NNS	NNS	NNS	<2	<2	<2		--	--	<2	<2
2-Hexanone, Total, (ug/l)				<10	<10	<10		--	--	<10	<10
Styrene, Total, (ug/l)	NNS	NNS	NNS	<2	<2	<2		--	--	<2	<2
Acrolein, Total, (ug/l)	1300	NNS	NNS	<10	<10	<10		--	--	<10	<10
Acrylonitirile, Total, (ug/l)				<10	<10	<10		--	--	<10	<10
Bromobenzene, Water Whole, Total, (ug/l)				--	--	--		--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)				--	--	--		--	--	--	--
Methyl Bromide, Total, (ug/l)	200	NNS	NNS	--	--	--		--	--	--	--
Methyl Chloride, Total, (ug/l)	2800	NNS	NNS	--	--	--		--	--	--	--

SR-45 40th Street and South Bank Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)								
Sampling Station Identification Number				SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45
Date				7/9/96	8/30/96	9/4/96	11/29/96	1/13/97	1/13/97	1/26/97	2/27/97
Parachloro Toluene, Total, (ug/l)				--	--	--		--	--	--	--
Dibromoethane, Total, (ug/l)				--	--	--		--	--	--	--
Acenaphthene, Total, (ug/l)	8400	NNS	NNS	<6	<3	--		<3.0	--	--	--
Acenaphthylene, Total, (ug/l)	NNS	NNS	NNS	<6	<3	--		<3.0	--	--	--
Anthracene, Total, (ug/l)	NNS	NNS	NNS	<6	<3	--		<3.0	--	--	--
Benzidine, Total, (ug/l)	420	10000	640	<6	<3	--		<50	--	--	--
Benzoic Acid, Total, (ug/l)				120	15	--		25	--	--	--
Benzo (a) Anthracene, Total, (ug/l)	NNS	NNS	NNS	<6	<3	--		<3.0	--	--	--
Benzo (b) Fluoranthene, Total, (ug/l)				<10	<5	--		<5.0	--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	NNS	NNS	NNS	<10	<5	--		<5.0	--	--	--
Benzo (ghi) Perylene, Total, (ug/l)	NNS	NNS	NNS	<6	<3	--		<3.0	--	--	--
Benzo (a) Pyrene, Total, (ug/l)	NNS	NNS	NNS	<6	<3	--		<3.0	--	--	--
Benzyl Alcohol, Total, (ug/l)				7.5	<3	--		<3.0	--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	<6	<3	--		<3.0	--	--	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	NNS	NNS	NNS	<6	<3	--		<3.0	--	--	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	5600	NNS	NNS	<6	<3	--		<3.0	--	--	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	280000	3100	360	22	33	--		23	--	--	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	<6	<3	--		<3.0	--	--	--
Butyl Benzyl Phthalate, Total, (ug/l)	28000	NNS	NNS	<10	<5	--		<5.0	--	--	--
2-Chloronapthalene, Total, (ug/l)	11000	NNS	NNS	<6	<3	--		<3.0	--	--	--
2-Chlorophenol, Total, (ug/l)	700	NNS	NNS	<6	<3	--		<3.0	--	--	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	<6	<3	--		<3.0	--	--	--
Chrysene, Total, (ug/l)	NNS	NNS	NNS	<6	<3	--		<3.0	--	--	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	NNS	NNS	NNS	<10	<5	--		<5.0	--	--	--
Di-N-Butyl Phthalate, Total, (ug/l)	14000	1100	84	<6	<3	--		<3.0	--	--	--
1,3- Dichlorobenzene, Total, (ug/l)	13000	NNS	NNS	<6	<3	--		<3.0	--	--	--
1,4- Dichlorobenzene, Total, (ug/l)	13000	6500	2500	<6	<3	--		<3.0	--	--	--
1,2- Dichlorobenzene, Total, (ug/l)	13000	5900	2300	<6	<3	--		<3.0	--	--	--
3,3'- Dichlorobenzidine, Total, (ug/l)	NNS	NNS	NNS	<10	<5	--		<5.0	--	--	--
2,4- Dichlorophenol, Total, (ug/l)	420	NNS	NNS	<6	<3	--		<3.0	--	--	--
Diethyl Phthalate, Total, (ug/l)	110000	NNS	NNS	<6	<3	--		<3.0	--	--	--
2,4- Dimethylphenol, Total, (ug/l)	NNS	150000	43000	<10	<5	--		<5.0	--	--	--
Dimethyl Phthalate, Total, (ug/l)	NNS	NNS	NNS	<6	<3	--		<3.0	--	--	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	NNS	NNS	NNS	<10	<5	--		<5.0	--	--	--
2,4- Dinitrophenol, Total, (ug/l)	280	NNS	NNS	<20	<10	--		<10	--	--	--
2,4- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	<10	<5	--		<5.0	--	--	--
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	<10	<5	--		<5.0	--	--	--
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	<6	<3	--		<5.0	--	--	--
Fluoranthene, Total, (ug/l)	5600	NNS	NNS	<6	<3	--		<3.0	--	--	--
Fluorene, Total, (ug/l)	5600	NNS	NNS	<6	<3	--		<3.0	--	--	--
Hexachlorobenzene, Total, (ug/l)	100	NNS	NNS	<6	<3	--		<3.0	--	--	--
Hexachlorobutadiene, Total, (ug/l)	280	NNS	NNS	<6	<3	--		<3.0	--	--	--
Hexachlorocyclopentadiene, Total, (ug/l)	1000	NNS	NNS	<20	<10	--		<10	--	--	--
Hexachloroethane, Total, (ug/l)	140	850	610	<6	<3	--		<3.0	--	--	--

SR-45 40th Street and South Bank Salt River	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)								
Sampling Station Identification Number				SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45	SR-45
Date				7/9/96	8/30/96	9/4/96	11/29/96	1/13/97	1/13/97	1/26/97	2/27/97
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	NNS	NNS	NNS	<10	<5	--		<5.0	--	--	--
Isophorone, Total, (ug/l)	28000	NNS	NNS	<6	<3	--		<3.0	--	--	--
Naphthalene, Total, (ug/l)	560	NNS	NNS	<6	<3	--		<3.0	--	--	--
Nitrobenzene, Total, (ug/l)	70	NNS	NNS	<6	<3	--		<3.0	--	--	--
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	<10	<5	--		<5.0	--	--	--
4-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	<10	<5	--		<5.0	--	--	--
N-Nitrosodiphenylamine, Total, (ug/l)	NNS	NNS	NNS	<6	<3	--		<3.0	--	--	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	NNS	NNS	NNS	<6	<3	--		<3.0	--	--	--
Pentachlorophenol, Total, (ug/l)	2000	I	I	<10	<5	--		<5.0	--	--	--
Phenanthrene, Total, (ug/l)	NNS	NNS	NNS	<6	<3	--		<3.0	--	--	--
Phenol, Total, (ug/l)				<6	<3	--		<3.0	--	--	--
Pyrene, Total, (ug/l)	4200	NNS	NNS	<6	<3	--		<3.0	--	--	--
1,2,4-Trichlorobenzene, Total, (ug/l)	2800	NNS	NNS	<6	<3	--		<3.0	--	--	--
2,4,5- Trichlorophenol, Total, (ug/l)				<6	<3	--		<3.0	--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	NNS	3000	460	<6	<3	--		<3.0	--	--	--
N-Nitrosodimethylamine, Total, (ug/l)	NNS	NNS	NNS	<6	<3	--		--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	NNS	NNS	NNS	--	--	--		--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)				--	--	--		--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)				--	--	--		--	--	--	--

IB-08
Indian Bend Wash at 40th Street

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							IB-08	IB-08	IB-08	IB-08	IB-08	IB-08	IB-08
Date							1/3/92	2/6/92	3/26/92	8/18/92	12/5/94	1/4/95	1/25/95
Agency Collecting Sample							WWC	WWC	WWC	WWC	FCD	FCD	FCD
Agency Analyzing Sample							ATI	ATI	ATI	ATI	WESTECH	WESTECH	WESTECH
Drainage Area (acres) (DA)							609	609	609	609	609	609	609
Impervious Area (acres) (IA)							--	--	--	--	--	--	--
Land Use - Residential							475.02	475.02	475.02	475.02	475.02	475.02	475.02
Land Use - Commercial							133.98	133.98	133.98	133.98	133.98	133.98	133.98
Land Use - Industrial							0	0	0	0	0	0	0
Land Use - Undeveloped							0	0	0	0	0	0	0
Sampling Duration (minutes)							UA	UA	UA	UA	1440	660	360
Storm Duration (minutes) (DRN)							UA	UA	UA	UA	UA	UA	UA
Runoff Sampled (cubic feet) (RUN)							UA	UA	UA	UA	72500	179313	157100
Total Storm Runoff (cubic feet)							UA	UA	UA	UA	UA	UA	UA
Instantaneous Discharge (cfs)							UA	UA	UA	UA	12.53	26.1	26.9
Preceeding Dry Period (days) (ANT)							UA	UA	UA	UA	UA	12	21
Total Storm Rainfall (inch)							UA	UA	UA	UA	UA	UA	UA
Rainfall Sampled (inch) (TRN)							UA	UA	UA	UA	0.84	1.06	0.2
Maximum 5-minute rain intensity (MAX5)							UA	UA	UA	UA	UA	UA	UA
Sample Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)							NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)							NM	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)							7.1	7.2	6.7	7.4	7.82	--	7.75
Specific Conductance, FIELD (us/cm)							--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)							--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)							--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)							--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)							--	--	--	--	110	--	110
BOD5 (mg/l)							7	12	16	22	24	25	26
COD High Level (mg/l)							--	110	81	200	130	--	120
Chloride (mg/l as Cl)				9.7 T	84 T	19 T	--	--	--	--	3.1	--	4.6
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T				<0.010	<0.010	<0.010	--	<0.01	--	<0.01
Fecal Coliform (CFU/100mL)							50000	2200	800	--	680	280	<1
Fecal Streptococci (CFU/100mL)							13000	13000	50000	--	320	210	7000
Solids Residue at 180 Deg. C (TDS) (mg/l)							60	150	70	110	79	--	140
Residue, Total at 105 Deg. C (TSS) (mg/l)				NNS	NNS	NNS	70	260	170	250	170	--	270
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS				--	--	0.4	1.2	<0.50	--	0.74
TKN Nitrogen (mg/l as N)							--	--	--	--	1.8	--	1.7
Nitrogen, Ammonia + Organic, Total (mg/l as N)				NNS	NNS	NNS	--	--	2.3	4.4	1.8	--	1.7
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<0.50	--	--
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS				--	--	--	--	0.07	--	--
Nitrogen Ammonia Total (mg/l as N)							--	--	--	--	0.3	--	--
Nitrogen Organic Total (mg/l as N)							--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)							--	--	0.44	0.5	0.46	--	0.4

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							IB-08	IB-08	IB-08	IB-08	IB-08	IB-08	IB-08
Date							1/3/92	2/6/92	3/26/92	8/18/92	12/5/94	1/4/95	1/25/95
Phosphorous Dissolved (mg/l as P)							--	--	--	--	0.18	--	0.18
Phosphorous Ortho (mg/l as P)							--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)				11 D	34 D	23 D	--	--	--	--	8.9	--	12
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	1000	180000	26000	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	6500000	84000	7000				<20	<20	<20	--	10	--	10
Oil and Grease Total Recoverable (mg/l)							3	4	5	--	7.9	14	6.2
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)					NNS	NNS	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	140	56		30	NNS	NNS	<3.0	<3.0	<3.0	<5.0	--	--	--
Antimony Dissolved (ug/l as Sb)			88				--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	3.1	2800		190	440	230	2	3	3	4	<50	--	--
Arsenic Dissolved (ug/l as As)			360	NNS			--	--	--	--	<5	--	--
Barium Dissolved (ug/l as Ba)	NNS	NNS	NNS		NNS	NNS	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	0.21	700		5.3	NNS	NNS	<0.2	0.5	0.4	0.4	--	--	--
Beryllium Dissolved (ug/l as Be)			65				--	--	--	--	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	83	70		D	D	D	--	--	--	--	<40	--	--
Cadmium Dissolved (ug/l as Cd)			D				3	1	0.4	1.2	<0.5	--	--
Calcium Dissolved (mg/l as Ca)							--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)							2	7	3	19	<50	--	--
Chromium Dissolved (ug/l as Cr)							--	--	--	--	<5	--	--
Cobalt Dissolved (ug/l as Co)							--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	NNS			F	F	F	--	--	--	--	<50	--	--
Copper, Dissolved, (ug/l as Cu)	NNS	5200	F				27	42	12	45	<50	--	--
Iron, Dissolved, (ug/l as Fe)							--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS		G	G	G	15	58	10	52	<50	--	--
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	G				--	--	--	--	<5	--	--
Lithium, Dissolved, (ug/l as Li)							--	--	--	--	--	--	--
Magnesium, Dissolved, (mg/l as Mg)							--	--	--	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)							--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	0.6	42		0.01	5.0	2.7	<0.2	<0.2	<0.2	<0.2	<1.0	--	--
Mercury, Dissolved, (ug/l as Hg)			2.4				--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)							--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	400	2800		H	H	H	<20.0	23	10	18	--	--	--
Nickel, Dissolved, (ug/l as Ni)			H				--	--	--	--	--	--	--
Potassium, Dissolved, (mg/l as K)				2.0	33	2.0	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	9000	420	20				2	2	2	2	--	--	--

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							IB-08	IB-08	IB-08	IB-08	IB-08	IB-08	IB-08
Date							1/3/92	2/6/92	3/26/92	8/18/92	12/5/94	1/4/95	1/25/95
Selenium, Dissolved, (ug/l as Se)	9000				NNS	NNS	--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS		NNS	J	NNS	<0.2	<0.2	<0.8	<0.2	--	--	--
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	J				--	--	--	--	--	--	--
Sodium, Dissolved, (mg/l as Na)							--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)					NNS	NNS	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	44	3700		150	NNS	NNS	<1.0	<1.0	<1.0	<1.0	--	--	--
Thallium, Dissolved, (ug/l as Tl)			700				--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)							--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)		28000		K	K	K	74	205	92	245	110	--	--
Zinc, Dissolved, (ug/l as Zn)		28000	K				--	--	--	--	<50	--	--
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)				NNS	4.5	NNS	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	0.0003	4.2	2.0	130	1600	130	--	--	--	--	<0.21	--	--
BHC - ALPHA, (ug/l)	0.03	NNS	1600	0.28	11	0.9	--	--	--	--	<0.11	--	--
BHC - Gamma (Lindane), (ug/l)	0.02	2500	3.4	130	1600	130	--	--	--	--	<0.11	--	--
BHC - DELTA, (ug/l)	NNS	NNS	1600	0.01	11	2.5	--	--	--	--	<0.84	--	--
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	--	--	--	--	<2.1	--	--
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	--	--	--	--	<2.1	--	--
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	--	--	--	--	<2.1	--	--
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	--	--	--	--	<2.1	--	--
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	--	--	--	--	<2.1	--	--
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	--	--	--	--	<2.1	--	--
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.21	3.2	0.45	--	--	--	--	<2.1	--	--
Chlordane, Total, (ug/l)	0.001	110	2.4	0.02	1.1	0.02	--	--	--	--	<0.32	--	--
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	1.1	0.03	--	--	--	--	<0.21	--	--
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.001	1.1	0.006	--	--	--	--	<0.11	--	--
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.002	4.0	0.9	--	--	--	--	<0.21	--	--
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.06	3.0	1.5	--	--	--	--	<0.21	--	--
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	3.0	1.5	--	--	--	--	<0.32	--	--
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	3.0	1.5	--	--	--	--	<0.21	--	--
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.08	0.7	0.3	--	--	--	--	<1.6	--	--
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	0.7	0.3	--	--	--	--	<0.53	--	--
Endrin, Total, (ug/l)	1.1	40	0.2	0.004	0.9	0.1	--	--	--	--	<0.21	--	--
Heptachlor, Total, (ug/l)	0.002	20	0.52	0.004	0.9	0.1	--	--	--	--	<0.21	--	--
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.52	0.02	11	1.5	--	--	--	--	<0.21	--	--

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							IB-08	IB-08	IB-08	IB-08	IB-08	IB-08	IB-08
Date							1/3/92	2/6/92	3/26/92	8/18/92	12/5/94	1/4/95	1/25/95
Toxaphene, Total, (ug/l)	0.008	1000	0.73	NNS	NNS	NNS	--	--	--	--	<1.1	--	--
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	130	1600	130	--	--	--	--	<21	--	--
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	3200	NNS	NNS	--	--	--	--	<0.11	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700				--	--	--	--	<5.0	<0.50	<1.0
1,1,1,2-Tetrachloroethane, Total,(ug/l)				680	15000	6000	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	1600	NNS	NNS	--	--	--	--	<5.0	<0.50	<1.0
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	2600	12000	NNS	NNS	--	--	--	--	<5.0	<0.50	<1.0
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	1300	NNS	NNS	--	--	--	--	<5.0	<0.50	<1.0
Trichloroethene, Total, (ug/l)	78	NNS	20000	NNS	NNS	NNS	--	--	--	--	<5.0	<0.50	<1.0
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	--	--	--	--	<5.0	<0.50	<1.0
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	NNS	41000	NNS	NNS	--	--	--	--	<5.0	<0.50	<1.0
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	9200	NNS	NNS	--	--	--	--	<5.0	<0.50	--
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9800	NNS	NNS	--	--	--	--	<5.0	<0.50	<1.0
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	1100	NNS	NNS	--	--	--	--	<20.0	<2.5	<4.0
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	3900	NNS	NNS	--	--	--	--	<10.0	<0.50	<1.0
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000				--	--	--	--	<10.0	<0.50	<2.0
trans-1,3- Dichloropropene, (ug/l)				180	NNS	NNS	--	--	--	--	<10.0	<0.50	<2.0
Benzene, Total, (ug/l)	120	470	2700	NNS	NNS	NNS	--	--	--	--	--	<0.50	<2.0
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	10000	NNS	NNS	--	--	--	--	<10.0	<0.50	<2.0
Bromoform, Total, (ug/l)	80	2800	15000	1100	NNS	NNS	--	--	--	--	<10.0	<0.50	<2.0
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	620	NNS	NNS	--	--	--	--	<5.0	<0.50	<1.0
Chlorobenzene, Total, (ug/l)	500	2800	9800	NNS	NNS	NNS	--	--	--	--	<10.0	<0.50	<2.0
Chloroethane, (ug/l)	NNS	NNS	NNS	9800	NNS	NNS	--	--	--	--	<10.0	<2.5	<2.0
Chloroform, Total, (ug/l)	590	1400	14000	1400	NNS	NNS	--	--	--	--	<5.0	<0.50	<1.0
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	5500	NNS	NNS	--	--	--	--	--	<0.50	<2.0
Methylene Chloride, Total, (ug/l)	480	27000	97000	180	NNS	NNS	--	--	--	--	--	<5.0	--
Toluene, Total, (ug/l)	90000	42000	8700				--	--	--	--	--	<0.50	<2.0
Trichlorofluoromethane, Total, (ug/l)				NNS	NNS	NNS	--	--	--	--	<10	--	--
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<20.0	<1.0	<4.0
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS				--	--	--	--	<10.0	<0.50	<2.0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--	--	--	--	--	--	--
Acetone, Total, (ug/l)							--	--	--	--	--	--	--
2-Butanone, (ug/l)							--	--	--	--	--	--	--
Carbon Disulfide, Total, (ug/l)							--	--	--	--	--	--	--
1,2 Dichloroethene, Total, (ug/l)				NNS	NNS	NNS	--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	NNS	NNS	NNS				--	--	--	--	--	<1.5	<4.0
2-Hexanone, Total, (ug/l)				NNS	NNS	NNS	--	--	--	--	--	--	--
Styrene, Total, (ug/l)	NNS	NNS	NNS	30	NNS	NNS	--	--	--	--	--	--	--
Acrolein, Total, (ug/l)	750	1300	34				--	--	--	--	--	--	--
Acrylonitirile, Total, (ug/l)							--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)							--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)				360	NNS	NNS	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	7500	200	5500	15000	NNS	NNS	--	--	--	--	<10.0	--	--
Methyl Chloride, Total, (ug/l)	1800	2800	270000				--	--	--	--	<10.0	<1.0	<2.0

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							IB-08	IB-08	IB-08	IB-08	IB-08	IB-08	IB-08
Date							1/3/92	2/6/92	3/26/92	8/18/92	12/5/94	1/4/95	1/25/95
Parachloro Toluene, Total, (ug/l)							--	--	--	--	--	<1.0	<2.0
Dibromoethane, Total, (ug/l)				550	NNS	NNS	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	2600	8400	850	NNS	NNS	NNS	--	--	--	--	<20	--	--
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<20	--	--
Anthracene, Total, (ug/l)	6300	NNS	NNS	89	10000	640	--	--	--	--	<20	--	--
Benzidine, Total, (ug/l)	0.0007	420	1300				--	--	--	--	<200	--	--
Benzoic Acid, Total, (ug/l)				NNS	NNS	NNS	--	--	--	--	<200	--	--
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS				--	--	--	--	<20<20	--	--
Benzo (b) Fluoranthene, Total, (ug/l)				NNS	NNS	NNS	--	--	--	--	<20	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<20	--	--
Benzo (ghi) Perylene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<20	--	--
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS				--	--	--	--	<20	--	--
Benzyl Alcohol, Total, (ug/l)				NNS	NNS	NNS	--	--	--	--	<40	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	6700	NNS	NNS	--	--	--	--	<20	--	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	NNS	NNS	NNS	--	--	--	--	<20	--	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	360	3100	360	--	--	--	--	<20	--	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	14	NNS	NNS	--	--	--	--	<40	--	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	130	NNS	NNS	--	--	--	--	<20	--	--
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	NNS	NNS	NNS	--	--	--	--	<40	--	--
2-Chloronapthalene, Total, (ug/l)	13000	11000	NNS	150	NNS	NNS	--	--	--	--	<20	--	--
2-Chlorophenol, Total, (ug/l)	2100	700	2200	NNS	NNS	NNS	--	--	--	--	<20	--	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<20	--	--
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<20	--	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	35	1100	84	--	--	--	--	<40	--	--
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	970	NNS	NNS	--	--	--	--	<40	--	--
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	780	6500	2500	--	--	--	--	<20	--	--
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	470	5900	2300	--	--	--	--	<20	--	--
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	NNS	NNS	NNS	--	--	--	--	<20	--	--
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	880	NNS	NNS	--	--	--	--	<80	--	--
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	1600	NNS	NNS	--	--	--	--	<20	--	--
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	310	150000	43000	--	--	--	--	<20	--	--
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1000	1000	NNS	NNS	--	--	--	--	<40	--	--
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	24	NNS	NNS	--	--	--	--	<20	--	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	9.2	NNS	NNS	--	--	--	--	<80	--	--
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	970	NNS	NNS	--	--	--	--	<200	--	--
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	NNS	NNS	NNS	--	--	--	--	<20	--	--
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	<20	--	--
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	1600	NNS	NNS	--	--	--	--	<80	--	--
Fluoranthene, Total, (ug/l)	130	5600	2000	NNS	NNS	NNS	--	--	--	--	<20	--	--
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	--	--	--	--	<20	--	--
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	8.2	NNS	NNS	--	--	--	--	<20	--	--
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	0.3	NNS	NNS	--	--	--	--	<20	--	--
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	350	850	610	--	--	--	--	<80	--	--
Hexachloroethane, Total, (ug/l)	4.8	140	490	NNS	NNS	NNS	--	--	--	--	<20	--	--

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							IB-08	IB-08	IB-08	IB-08	IB-08	IB-08	IB-08
Date							1/3/92	2/6/92	3/26/92	8/18/92	12/5/94	1/4/95	1/25/95
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	43000	NNS	NNS	--	--	--	--	<40	--	--
Isophorone, Total, (ug/l)	520	28000	59000	600	NNS	NNS	--	--	--	--	<20	--	--
Naphthalene, Total, (ug/l)	NNS	560	3300	850	NNS	NNS	--	--	--	--	<20	--	--
Nitrobenzene, Total, (ug/l)	600	70	13000	NNS	NNS	NNS	--	--	--	--	<80	--	--
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	3000	NNS	NNS	--	--	--	--	<20	--	--
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	200	NNS	NNS	--	--	--	--	<200	--	--
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	NNS	NNS	NNS	--	--	--	--	<20	--	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	I	I	I	--	--	--	--	<20	--	--
Pentachlorophenol, Total, (ug/l)	29000	2000	I	6.3	NNS	NNS	--	--	--	--	<80	--	--
Phenanthrene, Total, (ug/l)	0.0005	NNS	30				--	--	--	--	<20	--	--
Phenol, Total, (ug/l)				NNS	NNS	NNS	--	--	--	--	<20	--	--
Pyrene, Total, (ug/l)	1100	4200	NNS	300	NNS	NNS	--	--	--	--	<20	--	--
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	1700				--	--	--	--	<20	--	--
2,4,5- Trichlorophenol, Total, (ug/l)				25	3000	460	--	--	--	--	<40	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	NNS	NNS	NNS	--	--	--	--	<40	--	--
N-Nitrosodimethylamine, Total, (ug/l)	2.1	NNS	NNS	11	NNS	NNS	--	--	--	--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	0.25	NNS	130				--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)							--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)							--	--	--	--	--	--	--

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							**IB-08**	**IB-08**	**IB-08**	**IB-08**	**IB-08**	**IB-08**	**IB-08**
Date							**3/6/95**	**3/10/95**	**7/11/95**	**8/11/95**	**8/19/95**	**9/27/95**	**2/1/96**
Agency Collecting Sample							FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample							WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	DEL MAR
Drainage Area (acres) (DA)							609	609	609	609	609	609	609
Impervious Area (acres) (IA)							--	--	--	--	--	--	--
Land Use - Residential							475.02	475.02	475.02	475.02	475.02	475.02	475.02
Land Use - Commercial							133.98	133.98	133.98	133.98	133.98	133.98	133.98
Land Use - Industrial							0	0	0	0	0	0	0
Land Use - Undeveloped							0	0	0	0	0	0	0
Sampling Duration (minutes)							290	1684	116	2428	112	46	330
Storm Duration (minutes) (DRN)							UA	UA	6	180	174	66	UA
Runoff Sampled (cubic feet) (RUN)							168460	177800	12465	75450	59210	337310	177700
Total Storm Runoff (cubic feet)							UA	205000	13000	UA	125000	UA	178000
Instantaneous Discharge (cfs)							23.28	16.295	4.06	2.68	23.79	208	28.18
Preceeding Dry Period (days) (ANT)							40	4	83	31	8	39	91
Total Storm Rainfall (inch)							UA	0.16	0.06	0.11	0.19	0.3	0.02
Rainfall Sampled (inch) (TRN)							0.36	0.16	0.06	0.11	0.16	0.26	0.02
Maximum 5-minute rain intensity (MAX5)							UA	UA	0.48	0.36	0.12	1.2	0.12
Sample Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)							NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)							NM	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)							7.4	7.8	--	7.87	7.56	7.74	7.5
Specific Conductance, FIELD (us/cm)							--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)							--	--	--	--	--	--	190
Oxygen Dissolved (% saturation)							--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)							--	--	--	--	--	--	5
Electrical Conductivity (umhos/cm)							85	140	--	840	430	150	--
BOD5 (mg/l)							36	41	6	5	110	12	44
COD High Level (mg/l)							110	86	--	950	340	98	220
Chloride (mg/l as Cl)				9.7 T	84 T	19 T	4.1	11	--	64	40	6.2	8.6
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T				<0.01	<0.01	--	<0.01	<0.01	<0.01	--
Fecal Coliform (CFU/100mL)							290	20	300	46000	16000	170	500
Fecal Streptococci (CFU/100mL)							810	800	300	1200	2400	2	5000
Solids Residue at 180 Deg. C (TDS) (mg/l)							83	130	--	1100	350	110	150
Residue, Total at 105 Deg. C (TSS) (mg/l)				NNS	NNS	NNS	230	200	--	96	400	540	120
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS				<0.50	<0.50	--	<0.50	1.4	0.72	1.2
TKN Nitrogen (mg/l as N)							2.1	0.9	--	11	6.6	2.3	3.9
Nitrogen, Ammonia + Organic, Total (mg/l as N)				NNS	NNS	NNS	2.1	0.9	--	11	6.6	2.3	3.5
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	<0.50	1.3	0.72	1.2
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS				--	--	--	<0.50	0.09	<0.05	<0.15
Nitrogen Ammonia Total (mg/l as N)							--	--	--	5.3	1.4	1.3	2.1
Nitrogen Organic Total (mg/l as N)							--	--	--	--	--	--	1.4
Phosphorous Total (mg/l as P)							0.47	0.39	--	1.5	1.8	2.5	0.51

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							IB-08	IB-08	IB-08	IB-08	IB-08	IB-08	IB-08
Date							3/6/95	3/10/95	7/11/95	8/11/95	8/19/95	9/27/95	2/1/96
Phosphorous Dissolved (mg/l as P)							0.1	0.13	--	0.51	0.48	0.28	<0.050
Phosphorous Ortho (mg/l as P)							--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)				11 D	34 D	23 D	11	22	--	180	52	13	19
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	1000	180000	26000	--	--	--	--	--	--	<0.025
Phenols Total Recoverable (ug/l)	6500000	84000	7000				<10	10	--	40	20	<10	--
Oil and Grease Total Recoverable (mg/l)							2.9	<1.0	<1.0	32	1200	<1	6.7
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)					NNS	NNS	--	--	--	--	--	--	80
Antimony (ug/l as Sb)	140	56		30	NNS	NNS	--	--	--	--	--	--	<5
Antimony Dissolved (ug/l as Sb)			88				--	--	--	--	--	--	<50
Arsenic Total (ug/l as As)	3.1	2800		190	440	230	<50	<50	--	<50	<50	<30	<10
Arsenic Dissolved (ug/l as As)			360	NNS			<5	<5	--	11	<5	<50	<10
Barium Dissolved (ug/l as Ba)	NNS	NNS	NNS		NNS	NNS	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	0.21	700		5.3	NNS	NNS	--	--	--	--	--	--	<4
Beryllium Dissolved (ug/l as Be)			65				--	--	--	--	--	--	<4
Cadmium Total Recoverable (ug/l as Cd)	83	70		D	D	D	<40	<40	--	<40	<40	<4	<5
Cadmium Dissolved (ug/l as Cd)			D				<0.5	<0.5	--	<0.5	<0.5	<1	<5
Calcium Dissolved (mg/l as Ca)							--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)							<50	<50	--	<50	<50	13	5.9
Chromium Dissolved (ug/l as Cr)							<5	<5	--	5	<5	<1	<5
Cobalt Dissolved (ug/l as Co)							--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	NNS			F	F	F	<50	<50	--	70	90	49	<50
Copper, Dissolved, (ug/l as Cu)	NNS	5200	F				<50	<50	--	<50	<50	3	<50
Iron, Dissolved, (ug/l as Fe)							--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS		G	G	G	<50	<50	--	--	<50	40	34
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	G				<5	<5	--	--	<5	<13	<5
Lithium, Dissolved, (ug/l as Li)							--	--	--	--	--	--	--
Magnesium, Dissolved, (mg/l as Mg)							--	--	--	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)							--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	0.6	42		0.01	5.0	2.7	<1.0	<1.0	--	<1.0	<1.0	<1.0	<0.2
Mercury, Dissolved, (ug/l as Hg)			2.4				--	--	--	--	--	--	<0.2
Molybdenum, Dissolved, (ug/l as Mo)							--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	400	2800		H	H	H	--	--	--	--	--	--	<50
Nickel, Dissolved, (ug/l as Ni)			H				--	--	--	--	--	--	<50
Potassium, Dissolved, (mg/l as K)				2.0	33	2.0	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	9000	420	20				--	--	--	--	--	--	<20

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							IB-08	IB-08	IB-08	IB-08	IB-08	IB-08	IB-08
Date							3/6/95	3/10/95	7/11/95	8/11/95	8/19/95	9/27/95	2/1/96
Selenium, Dissolved, (ug/l as Se)	9000				NNS	NNS	--	--	--	--	--	--	<20
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS		NNS	J	NNS	--	--	--	--	--	--	<10
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	J				--	--	--	--	--	--	<10
Sodium, Dissolved, (mg/l as Na)							--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)					NNS	NNS	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	44	3700		150	NNS	NNS	--	--	--	--	--	--	<2
Thallium, Dissolved, (ug/l as Tl)			700				--	--	--	--	--	--	<2
Vanadium, Dissolved, (ug/l as V)							--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)		28000		K	K	K	90	80	--	1500	<660	<660	220
Zinc, Dissolved, (ug/l as Zn)		28000	K				<50	<50	--	230	<50	<5	<50
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)				NNS	4.5	NNS	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	0.0003	4.2	2.0	130	1600	130	<0.20	<0.10	--	<0.10	--	<0.10	--
BHC - ALPHA, (ug/l)	0.03	NNS	1600	0.28	11	0.9	<0.10	<0.050	--	<0.050	--	<0.050	--
BHC - Gamma (Lindane), (ug/l)	0.02	2500	3.4	130	1600	130	<0.10	<0.050	--	<0.050	--	<0.050	--
BHC - DELTA, (ug/l)	NNS	NNS	1600	0.01	11	2.5	<0.80	<0.40	--	<0.40	--	<0.40	--
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<2.0	<1.0	--	<1.0	--	<1.0	--
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<2.0	<1.0	--	<1.0	--	<1.0	--
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<2.0	<1.0	--	<1.0	--	<1.0	--
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<2.0	<1.0	--	<1.0	--	<1.0	--
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<2.0	<1.0	--	<1.0	--	<1.0	--
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<2.0	<1.0	--	<1.0	--	<1.0	--
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.21	3.2	0.45	<2.0	<1.0	--	<1.0	--	<1.0	--
Chlordane, Total, (ug/l)	0.001	110	2.4	0.02	1.1	0.02	<0.30	<0.15	--	<0.15	--	<0.15	--
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	1.1	0.03	<0.20	<0.10	--	<0.10	--	<0.10	--
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.001	1.1	0.006	<0.10	<0.050	--	<0.050	--	<0.050	--
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.002	4.0	0.9	<0.20	<0.10	--	<0.10	--	<0.10	--
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.06	3.0	1.5	<0.20	<0.10	--	<0.10	--	<0.10	--
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	3.0	1.5	<0.30	<0.15	--	<0.15	--	<0.15	--
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	3.0	1.5	<0.20	<0.10	--	<0.10	--	<0.10	--
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.08	0.7	0.3	<1.5	<0.75	--	<0.75	--	<0.75	--
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	0.7	0.3	<0.50	<0.25	--	<0.25	--	<0.25	--
Endrin, Total, (ug/l)	1.1	40	0.2	0.004	0.9	0.1	<0.20	<0.10	--	<0.10	--	<0.10	--
Heptachlor, Total, (ug/l)	0.002	20	0.52	0.004	0.9	0.1	<0.20	<0.10	--	<0.10	--	<0.10	--
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.52	0.02	11	1.5	<0.20	<0.10	--	<0.10	--	<0.10	--

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							IB-08	IB-08	IB-08	IB-08	IB-08	IB-08	IB-08
Date							3/6/95	3/10/95	7/11/95	8/11/95	8/19/95	9/27/95	2/1/96
Toxaphene, Total, (ug/l)	0.008	1000	0.73	NNS	NNS	NNS	<1.0	<0.50	--	<0.50	--	<0.50	--
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	130	1600	130	--	<10	--	<10	--	<10	--
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	3200	NNS	NNS	--	<0.050	--	<0.050	--	<0.050	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700				<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1,1,2-Tetrachloroethane, Total,(ug/l)				680	15000	6000	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	1600	NNS	NNS	<2.0	19	<2.0	<2.0	<2.0	<2.0	<2.0
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	2600	12000	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	1300	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichloroethene, Total, (ug/l)	78	NNS	20000	NNS	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	NNS	41000	NNS	NNS	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	9200	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9800	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	1100	NNS	NNS	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	3900	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000				<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
trans-1,3- Dichloropropene, (ug/l)				180	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Benzene, Total, (ug/l)	120	470	2700	NNS	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	10000	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Bromoform, Total, (ug/l)	80	2800	15000	1100	NNS	NNS	<2.0	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	620	NNS	NNS	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chlorobenzene, Total, (ug/l)	500	2800	9800	NNS	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chloroethane, (ug/l)	NNS	NNS	NNS	9800	NNS	NNS	<2.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroform, Total, (ug/l)	590	1400	14000	1400	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	5500	NNS	NNS	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Methylene Chloride, Total, (ug/l)	480	27000	97000	180	NNS	NNS	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0
Toluene, Total, (ug/l)	90000	42000	8700				<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichlorofluoromethane, Total, (ug/l)				NNS	NNS	NNS	--	--	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS				<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--	--	--	--	--	--	--
Acetone, Total, (ug/l)							--	<10	--	--	--	--	19
2-Butanone, (ug/l)							--	<10	--	--	--	--	<10
Carbon Disulfide, Total, (ug/l)							--	--	--	--	--	--	<5.0
1,2 Dichloroethene, Total, (ug/l)				NNS	NNS	NNS	--	--	--	--	--	--	<2.0
Xylenes, Total, (ug/l)	NNS	NNS	NNS				<2.0	<2.0	--	--	--	--	<2.0
2-Hexanone, Total, (ug/l)				NNS	NNS	NNS	--	<10	--	--	--	--	<10
Styrene, Total, (ug/l)	NNS	NNS	NNS	30	NNS	NNS	--	<2.0	--	--	--	--	<2.0
Acrolein, Total, (ug/l)	750	1300	34				--	--	--	--	--	--	--
Acrylonitirile, Total, (ug/l)							--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)							--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)				360	NNS	NNS	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	7500	200	5500	15000	NNS	NNS	--	--	--	--	--	--	<5.0
Methyl Chloride, Total, (ug/l)	1800	2800	270000				<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							IB-08	IB-08	IB-08	IB-08	IB-08	IB-08	IB-08
Date							3/6/95	3/10/95	7/11/95	8/11/95	8/19/95	9/27/95	2/1/96
Parachloro Toluene, Total, (ug/l)							<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--
Dibromoethane, Total, (ug/l)				550	NNS	NNS	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	2600	8400	850	NNS	NNS	NNS	<22	<10	--	<10	<10	<10	--
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	<22	<10	--	<10	<10	<10	--
Anthracene, Total, (ug/l)	6300	NNS	NNS	89	10000	640	<22	<10	--	<10	<10	<10	--
Benzidine, Total, (ug/l)	0.0007	420	1300				<220	<100	--	<100	<100	<100	--
Benzoic Acid, Total, (ug/l)				NNS	NNS	NNS	--	--	--	<100	<100	<100	--
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS				<22	<10	--	<10	<10	<10	--
Benzo (b) Fluoranthene, Total, (ug/l)				NNS	NNS	NNS	--	--	--	<10	<10	<10	--
Benzo (k) Fluoranthene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	<22	<10	--	<10	<10	<10	--
Benzo (ghi) Perylene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	<22	<10	--	<10	<10	<10	--
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS				<22	<10	--	<10	<10	<10	--
Benzyl Alcohol, Total, (ug/l)				NNS	NNS	NNS	--	--	--	<20	<20	<20	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	6700	NNS	NNS	<22	<10	--	<10	<10	<10	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	NNS	NNS	NNS	<22	<10	--	<10	<10	<10	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	360	3100	360	<22	<10	--	<10	<10	<10	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	14	NNS	NNS	<44	23	--	26	110	<20	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	130	NNS	NNS	<22	<10	--	<10	<10	<10	--
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	NNS	NNS	NNS	<44	<20	--	<20	<20	<20	--
2-Chloronapthalene, Total, (ug/l)	13000	11000	NNS	150	NNS	NNS	<22	<10	--	<10	<10	<10	--
2-Chlorophenol, Total, (ug/l)	2100	700	2200	NNS	NNS	NNS	<22	<10	--	<10	<10	<10	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<22	<10	--	<10	<10	<10	--
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	<22	<10	--	<10	<10	<10	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	35	1100	84	<44	<20	--	<20	<20	<20	--
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	970	NNS	NNS	<44	<20	--	<20	<20	<20	--
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	780	6500	2500	<22	<10	--	<10	<10	<10	--
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	470	5900	2300	<22	<10	--	<10	<10	<10	--
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	NNS	NNS	NNS	<22	<10	--	<10	<10	<10	--
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	880	NNS	NNS	<89	<40	--	<40	<40	<40	--
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	1600	NNS	NNS	<22	<10	--	<10	<10	<10	--
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	310	150000	43000	<22	<10	--	<10	<10	<10	--
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1000	1000	NNS	NNS	<44	<20	--	<20	<20	<20	--
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	24	NNS	NNS	<22	<10	--	<10	<10	<10	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	9.2	NNS	NNS	<89	<40	--	<40	<40	<40	--
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	970	NNS	NNS	<220	<100	--	<100	<100	<100	--
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	NNS	NNS	NNS	<22	<10	--	<10	<10	<10	--
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<22	<10	--	<10	<10	<10	--
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	1600	NNS	NNS	<89	<40	--	<40	<40	<40	--
Fluoranthene, Total, (ug/l)	130	5600	2000	NNS	NNS	NNS	<22	<10	--	<10	<10	<10	--
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	<22	<10	--	<10	<10	<10	--
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	8.2	NNS	NNS	<22	<10	--	<10	<10	<10	--
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	0.3	NNS	NNS	<22	<10	--	<10	<10	<10	--
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	350	850	610	<89	<40	--	<40	<40	<40	--
Hexachloroethane, Total, (ug/l)	4.8	140	490	NNS	NNS	NNS	<22	<10	--	<10	<10	<10	--

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							IB-08	IB-08	IB-08	IB-08	IB-08	IB-08	IB-08
Date							3/6/95	3/10/95	7/11/95	8/11/95	8/19/95	9/27/95	2/1/96
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	43000	NNS	NNS	<44	<20	--	<20	<20	<20	--
Isophorone, Total, (ug/l)	520	28000	59000	600	NNS	NNS	<22	<10	--	<10	<10	<10	--
Naphthalene, Total, (ug/l)	NNS	560	3300	850	NNS	NNS	<22	<10	--	<10	<10	<10	--
Nitrobenzene, Total, (ug/l)	600	70	13000	NNS	NNS	NNS	<89	<40	--	<40	<40	<40	--
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	3000	NNS	NNS	<22	<10	--	<10	<10	<10	--
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	200	NNS	NNS	<220	<100	--	<100	<100	<100	--
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	NNS	NNS	NNS	<22	<10	--	<10	<10	<10	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	I	I	I	<22	<10	--	<10	<10	<10	--
Pentachlorophenol, Total, (ug/l)	29000	2000	I	6.3	NNS	NNS	<89	<40	--	<40	<40	<40	--
Phenanthrene, Total, (ug/l)	0.0005	NNS	30				<22	<10	--	<10	<10	<10	--
Phenol, Total, (ug/l)				NNS	NNS	NNS	<22	<10	--	<10	<10	<10	--
Pyrene, Total, (ug/l)	1100	4200	NNS	300	NNS	NNS	<22	<10	--	<10	<10	<10	--
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	1700				<22	<10	--	<10	<10	<10	--
2,4,5- Trichlorophenol, Total, (ug/l)				25	3000	460	--	--	--	<20	<20	<20	--
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	NNS	NNS	NNS	<44	<20	--	<20	<20	<20	--
N-Nitrosodimethylamine, Total, (ug/l)	2.1	NNS	NNS	11	NNS	NNS	--	--	--	<10	<10	<10	--
1,2- Diphenylhydrazine, Total, (ug/l)	0.25	NNS	130				--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)							--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)							--	--	--	--	--	--	--

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							IB-08	IB-08	IB-08	IB-08	IB-08	IB-08	IB-08
Date							7/9/96	7/25/96	8/18/96	8/29/96	9/11/96	11/29/96	2/27/97
Agency Collecting Sample							FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample							BOLIN	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN
Drainage Area (acres) (DA)							609	609	609	609	609	609	609
Impervious Area (acres) (IA)							--	--	--	--	--	--	--
Land Use - Residential							475.02	475.02	475.02	475.02	475.02	475.02	475.02
Land Use - Commercial							133.98	133.98	133.98	133.98	133.98	133.98	133.98
Land Use - Industrial							0	0	0	0	0	0	0
Land Use - Undeveloped							0	0	0	0	0	0	0
Sampling Duration (minutes)							120	210	32	160	320	210	147
Storm Duration (minutes) (DRN)							205	424	89	168	270	33	545
Runoff Sampled (cubic feet) (RUN)							34000	630000	316175	105000	150000	67000	67000
Total Storm Runoff (cubic feet)							156000	685500	333500	107000	185000	70000	683000
Instantaneous Discharge (cfs)							24.9	208	138	29.8	51.01	6.1	21.93
Preceeding Dry Period (days) (ANT)							118	16	24	11	9	79	31
Total Storm Rainfall (inch)							0.19	0.07	0.56	0.21	0.29	0.06	0.72
Rainfall Sampled (inch) (TRN)							0.1	0.07	0.55	0.21	0.29	0.06	0.24
Maximum 5-minute rain intensity (MAX5)							0.12	0.12	2.52	0.96	1.08	0.24	0.72
Sample Temperature (deg. C)							NM	NM	NM	NM	NM	NM	10
Effluent Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)							NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)							NM	NM	NM	NM	NM	NM	7.43
pH, Lab (standard units)							--	7.2	8.5	6.6	7.1	7.4	7.8
Specific Conductance, FIELD (us/cm)							--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)							--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)							--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)							5.02	7.8	8.1	96	--	8.7	9.2
Electrical Conductivity (umhos/cm)							--	119	196	1125	161	403	348
BOD5 (mg/l)							198	44	6	96	--	66	67
COD High Level (mg/l)							385	71	8.5	165	172	219	118
Chloride (mg/l as Cl)				9.7 T	84 T	19 T	--	7	8	--	7	29	41
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T				<0.02	<0.02	<0.02	<0.02	<0.02	--	<0.01
Fecal Coliform (CFU/100mL)							>1600	>160000	30000	90000	>160000	90	3000
Fecal Streptococci (CFU/100mL)							>1600	5000	500	--	30000	5000	23
Solids Residue at 180 Deg. C (TDS) (mg/l)							--	110	176	288	155	344	213
Residue, Total at 105 Deg. C (TSS) (mg/l)				NNS	NNS	NNS	--	36	176	708	202	144	280
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS				--	0.96	0.93	--	0.74	2.16	1.06
TKN Nitrogen (mg/l as N)							11	2.38	2.97	5.3	4.2	7.81	5.71
Nitrogen, Ammonia + Organic, Total (mg/l as N)				NNS	NNS	NNS	11	2.38	2.97	5.3	4.2	7.81	5.71
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	--	0.96	0.93	--	0.74	2.06	1.06
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS				--	<0.1	<0.1	<0.1	<0.1	0.1	<0.1
Nitrogen Ammonia Total (mg/l as N)							3.71	1.03	1.15	1.2	1.1	3.66	2.73
Nitrogen Organic Total (mg/l as N)							7.29	1.35	1.82	4.1	3.1	4.15	2.98
Phosphorous Total (mg/l as P)							2.2	0.34	0.41	0.36	0.27	0.5	0.2

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							IB-08	IB-08	IB-08	IB-08	IB-08	IB-08	IB-08
Date							7/9/96	7/25/96	8/18/96	8/29/96	9/11/96	11/29/96	2/27/97
Phosphorous Dissolved (mg/l as P)							--	0.27	0.4	0.32	0.11	0.5	0.21
Phosphorous Ortho (mg/l as P)							--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)				11 D	34 D	23 D	--	9	21	--	--	141	34
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	1000	180000	26000	--	<0.005	<0.01	<0.005	<0.005	<0.010	<0.010
Phenols Total Recoverable (ug/l)	6500000	84000	7000				15	24	20	--	21	8	14
Oil and Grease Total Recoverable (mg/l)							<5	<5	<5	8	5	<5.0	<10.0
Organic Carbon, Total (mg/l)							--	31	25	38	35	61	28
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)							--	25	48	121	38	83	42
Silica Dissolved (mg/l as SiO2)							--	--	--	--	--	--	--
Hardness (mg/l)					NNS	NNS	211	41	80	261	57	174	120
Antimony (ug/l as Sb)	140	56		30	NNS	NNS	<5	<5	<5	<5	<5	<5	<5
Antimony Dissolved (ug/l as Sb)			88				--	<5	<5	<5	<5	<5	<5
Arsenic Total (ug/l as As)	3.1	2800		190	440	230	6	<5	<5	<5	<5	6	<5
Arsenic Dissolved (ug/l as As)			360	NNS			--	<5	<5	<5	<5	6	<5
Barium Dissolved (ug/l as Ba)	NNS	NNS	NNS		NNS	NNS	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	0.21	700		5.3	NNS	NNS	<2	<2	5	<2	<2	3	<2
Beryllium Dissolved (ug/l as Be)			65				--	<2	<2	<2	<2	<2	<2
Cadmium Total Recoverable (ug/l as Cd)	83	70		D	D	D	<4	<4	6	<4	<4	<4	<4
Cadmium Dissolved (ug/l as Cd)			D				--	<4	<4	<4	<4	<4	<4
Calcium Dissolved (mg/l as Ca)							--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)							15	<5	8	9	<5	9	7
Chromium Dissolved (ug/l as Cr)							--	<5	<5	<5	<5	<5	<5
Cobalt Dissolved (ug/l as Co)							--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	NNS			F	F	F	74	16	34	32	<15	51	52
Copper, Dissolved, (ug/l as Cu)	NNS	5200	F				--	21	<10	<10	<10	<10	35
Iron, Dissolved, (ug/l as Fe)							--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS		G	G	G	39	10	17	13	<5	18	22
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	G				--	5	<5	<5	<5	<5	21
Lithium, Dissolved, (ug/l as Li)							--	--	--	--	--	--	--
Magnesium, Dissolved, (mg/l as Mg)							--	--	--	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)							--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	0.6	42		0.01	5.0	2.7	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)			2.4				--	<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)	400	2800		H	H	H	32	<20	<20	<20	<20	<20	30
Nickel, Dissolved, (ug/l as Ni)			H				--	<20	<20	<20	<20	<20	<20
Potassium, Dissolved, (mg/l as K)				2.0	33	2.0	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	9000	420	20				<5	<5	<5	<5	<5	<5	<5

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							IB-08	IB-08	IB-08	IB-08	IB-08	IB-08	IB-08
Date							7/9/96	7/25/96	8/18/96	8/29/96	9/11/96	11/29/96	2/27/97
Selenium, Dissolved, (ug/l as Se)	9000				NNS	NNS	--	<5	<5	<5	<5	<5	<5
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS		NNS	J	NNS	<50	<50	<50	<50	<50	<50	<50
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	J				--	<50	<50	<50	<50	<50	<50
Sodium, Dissolved, (mg/l as Na)							--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)					NNS	NNS	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	44	3700		150	NNS	NNS	<1	<1	<1	<1	<1	<1	<1
Thallium, Dissolved, (ug/l as Tl)			700				--	<1	<1	<1	<1	<1	<1
Vanadium, Dissolved, (ug/l as V)							--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)		28000		K	K	K	460	70	170	140	40	160	220
Zinc, Dissolved, (ug/l as Zn)		28000	K				--	50	20	30	20	60	180
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)				NNS	4.5	NNS	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	0.0003	4.2	2.0	130	1600	130	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BHC - ALPHA, (ug/l)	0.03	NNS	1600	0.28	11	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BHC - Gamma (Lindane), (ug/l)	0.02	2500	3.4	130	1600	130	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BHC - DELTA, (ug/l)	NNS	NNS	1600	0.01	11	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.21	3.2	0.45	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlordane, Total, (ug/l)	0.001	110	2.4	0.02	1.1	0.02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	1.1	0.03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.001	1.1	0.006	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.002	4.0	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.06	3.0	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	3.0	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	3.0	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.08	0.7	0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	0.7	0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Endrin, Total, (ug/l)	1.1	40	0.2	0.004	0.9	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor, Total, (ug/l)	0.002	20	0.52	0.004	0.9	0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.52	0.02	11	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							IB-08	IB-08	IB-08	IB-08	IB-08	IB-08	IB-08
Date							7/9/96	7/25/96	8/18/96	8/29/96	9/11/96	11/29/96	2/27/97
Toxaphene, Total, (ug/l)	0.008	1000	0.73	NNS	NNS	NNS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	130	1600	130	--	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	3200	NNS	NNS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700				<2	<2	<2	<0.5	--	<2	<2
1,1,1,2-Tetrachloroethane, Total,(ug/l)				680	15000	6000	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	1600	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	2600	12000	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	1300	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
Trichloroethene, Total, (ug/l)	78	NNS	20000	NNS	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	NNS	41000	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	9200	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9800	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	1100	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	3900	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000				<2	<2	<2	<0.5	--	<2	<2
trans-1,3- Dichloropropene, (ug/l)				180	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
Benzene, Total, (ug/l)	120	470	2700	NNS	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	10000	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
Bromoform, Total, (ug/l)	80	2800	15000	1100	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	620	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
Chlorobenzene, Total, (ug/l)	500	2800	9800	NNS	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
Chloroethane, (ug/l)	NNS	NNS	NNS	9800	NNS	NNS	<5	<5	7.5	<1	--	<5	<5
Chloroform, Total, (ug/l)	590	1400	14000	1400	NNS	NNS	<2	<2	<2	<0.5	--	<2	10.9
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	5500	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
Methylene Chloride, Total, (ug/l)	480	27000	97000	180	NNS	NNS	--	--	--	--	--	--	--
Toluene, Total, (ug/l)	90000	42000	8700				<2	<2	<2	<0.5	--	<2	<2
Trichlorofluoromethane, Total, (ug/l)				NNS	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	<5	<5	<5	<10	--	<5	<5
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS				<2	<2	<2	<0.5	--	<2	<2
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--	--	--	--	--	--	--
Acetone, Total, (ug/l)							<10	<10	<10	57	--	<10	<10
2-Butanone, (ug/l)							<10	<10	<10	<20	--	<10	<10
Carbon Disulfide, Total, (ug/l)							<10	<10	<10	<5	--	<10	<10
1,2 Dichloroethene, Total, (ug/l)				NNS	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
Xylenes, Total, (ug/l)	NNS	NNS	NNS				<2	<2	<2	<0.5	--	<2	<2
2-Hexanone, Total, (ug/l)				NNS	NNS	NNS	<10	<10	<10	<20	--	<10	<10
Styrene, Total, (ug/l)	NNS	NNS	NNS	30	NNS	NNS	<2	<2	<2	<0.5	--	<2	<2
Acrolein, Total, (ug/l)	750	1300	34				<10	<10	<10	<50	--	<10	<10
Acrylonitirile, Total, (ug/l)							<10	<10	<10	<50	--	<10	<10
Bromobenzene, Water Whole, Total, (ug/l)							--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)				360	NNS	NNS	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	7500	200	5500	15000	NNS	NNS	--	--	--	<0.5	--	--	--
Methyl Chloride, Total, (ug/l)	1800	2800	270000				--	--	--	<0.5	--	--	--

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							IB-08	IB-08	IB-08	IB-08	IB-08	IB-08	IB-08
Date							7/9/96	7/25/96	8/18/96	8/29/96	9/11/96	11/29/96	2/27/97
Parachloro Toluene, Total, (ug/l)							--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)				550	NNS	NNS	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	2600	8400	850	NNS	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
Anthracene, Total, (ug/l)	6300	NNS	NNS	89	10000	640	<6	<3	<3	<3	<3	<3	<3
Benzidine, Total, (ug/l)	0.0007	420	1300				<6	<3	<3	<3	<3	<3	<3
Benzoic Acid, Total, (ug/l)				NNS	NNS	NNS	18	5	22	64	<5	64	<5
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS				<6	<3	<3	<3	<3	<3	<3
Benzo (b) Fluoranthene, Total, (ug/l)				NNS	NNS	NNS	<10	<5	<5	<5	<5	<5	<5
Benzo (k) Fluoranthene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	<10	<5	<5	<5	<5	<5	<5
Benzo (ghi) Perylene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS				<6	<3	<3	<3	<3	<3	<3
Benzyl Alcohol, Total, (ug/l)				NNS	NNS	NNS	4.2	<3	<3	<3	<3	<3	<3
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	6700	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	NNS	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	360	3100	360	<6	<3	<3	<3	<3	<3	<3
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	14	NNS	NNS	12	5	20	<3	35	<3	21
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	130	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	NNS	NNS	NNS	<10	<5	<5	<5	<5	<5	<5
2-Chloronapthalene, Total, (ug/l)	13000	11000	NNS	150	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
2-Chlorophenol, Total, (ug/l)	2100	700	2200	NNS	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	35	1100	84	<10	<5	<5	<5	<5	<5	<5
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	970	NNS	NNS	<6	<3	4.8	<3	<3	<3	<3
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	780	6500	2500	<6	<3	<3	<3	<3	<3	<3
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	470	5900	2300	<6	<3	<3	<3	<3	<3	<3
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	NNS	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	880	NNS	NNS	<10	<5	<5	<5	<5	<5	<5
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	1600	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	310	150000	43000	<6	<3	<3	<3	<3	<3	<3
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1000	1000	NNS	NNS	<10	<5	<5	<5	<5	<5	<5
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	24	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	9.2	NNS	NNS	<10	<5	<5	<5	<5	<5	<5
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	970	NNS	NNS	<20	<10	<10	<10	<10	<10	<10
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	NNS	NNS	NNS	<10	<5	<5	<5	<5	<5	<5
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<10	<5	<5	<5	<5	<5	<5
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	1600	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
Fluoranthene, Total, (ug/l)	130	5600	2000	NNS	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	8.2	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	0.3	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	350	850	610	<20	<10	<10	<10	<10	<10	<10
Hexachloroethane, Total, (ug/l)	4.8	140	490	NNS	NNS	NNS	<6	<3	<3	<3	<3	<3	<3

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number							IB-08	IB-08	IB-08	IB-08	IB-08	IB-08	IB-08
Date							7/9/96	7/25/96	8/18/96	8/29/96	9/11/96	11/29/96	2/27/97
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	43000	NNS	NNS	<10	<5	<5	<5	<5	<5	<5
Isophorone, Total, (ug/l)	520	28000	59000	600	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
Naphthalene, Total, (ug/l)	NNS	560	3300	850	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
Nitrobenzene, Total, (ug/l)	600	70	13000	NNS	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	3000	NNS	NNS	<10	<5	<5	<5	<5	<5	<5
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	200	NNS	NNS	<10	<5	<5	<5	<5	<5	<5
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	NNS	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	I	I	I	<6	<3	<3	<3	<3	<3	<3
Pentachlorophenol, Total, (ug/l)	29000	2000	I	6.3	NNS	NNS	<10	<5	<5	<5	<5	<5	<5
Phenanthrene, Total, (ug/l)	0.0005	NNS	30				<6	<3	<3	<3	<3	<3	<3
Phenol, Total, (ug/l)				NNS	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
Pyrene, Total, (ug/l)	1100	4200	NNS	300	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	1700				<6	<3	<3	<3	<3	<3	<3
2,4,5- Trichlorophenol, Total, (ug/l)				25	3000	460	<6	<3	<3	<3	<3	<3	<3
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	NNS	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
N-Nitrosodimethylamine, Total, (ug/l)	2.1	NNS	NNS	11	NNS	NNS	<6	<3	<3	<3	<3	<3	<3
1,2- Diphenylhydrazine, Total, (ug/l)	0.25	NNS	130				--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)							--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)							--	--	--	--	--	--	--

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)	
Sampling Station Identification Number							IB-08
Date							4/2/97
Agency Collecting Sample							FCD
Agency Analyzing Sample							BOLIN
Drainage Area (acres) (DA)							609
Impervious Area (acres) (IA)							--
Land Use - Residential							475
Land Use - Commercial							134
Land Use - Industrial							0
Land Use - Undeveloped							0
Sampling Duration (minutes)							350
Storm Duration (minutes) (DRN)							83
Runoff Sampled (cubic feet) (RUN)							22500
Total Storm Runoff (cubic feet)							30000
Instantaneous Discharge (cfs)							2.35
Preceeding Dry Period (days) (ANT)							34
Total Storm Rainfall (inch)							0.06
Rainfall Sampled (inch) (TRN)							0.06
Maximum 5-minute rain intensity (MAX5)							0.12
Sample Temperature (deg. C)							NM
Effluent Temperature (deg. C)							NM
Ambient Temperature (deg. C)							NM
Barometric Pressure (mm Hg)							NM
pH, Effluent (standard units)							NM
pH, Lab (standard units)							7.7
Specific Conductance, FIELD (us/cm)							--
Specific Conductance, LAB (us/cm)							--
Oxygen Dissolved (% saturation)							--
Oxygen Dissolved (mg/l)							8.45
Electrical Conductivity (umhos/cm)							803
BOD5 (mg/l)							--
COD High Level (mg/l)							357
Chloride (mg/l as Cl)				9.7 T	84 T	19 T	79
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T				<0.01
Fecal Coliform (CFU/100mL)							35000
Fecal Streptococci (CFU/100mL)							30000
Solids Residue at 180 Deg. C (TDS) (mg/l)							682
Residue, Total at 105 Deg. C (TSS) (mg/l)				NNS	NNS	NNS	<1.0
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS				3.73
TKN Nitrogen (mg/l as N)							9.47
Nitrogen, Ammonia + Organic, Total (mg/l as N)				NNS	NNS	NNS	9.47
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	3.5
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS				0.23
Nitrogen Ammonia Total (mg/l as N)							4.53
Nitrogen Organic Total (mg/l as N)							4.94
Phosphorous Total (mg/l as P)							0.43

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)	
Sampling Station Identification Number							IB-08
Date							4/2/97
Phosphorous Dissolved (mg/l as P)							0.26
Phosphorous Ortho (mg/l as P)							--
Sulfate Dissolved (mg/l)				11 D	34 D	23 D	165
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	1000	180000	26000	<0.05
Phenols Total Recoverable (ug/l)	6500000	84000	7000				26
Oil and Grease Total Recoverable (mg/l)							<10.0
Organic Carbon, Total (mg/l)							132
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)							90
Silica Dissolved (mg/l as SiO2)							--
Hardness (mg/l)					NNS	NNS	270
Antimony (ug/l as Sb)	140	56		30	NNS	NNS	<5
Antimony Dissolved (ug/l as Sb)			88				<5
Arsenic Total (ug/l as As)	3.1	2800		190	440	230	6
Arsenic Dissolved (ug/l as As)			360	NNS			<5
Barium Dissolved (ug/l as Ba)	NNS	NNS	NNS		NNS	NNS	--
Beryllium Total Recoverable (ug/l as Be)	0.21	700		5.3	NNS	NNS	<2
Beryllium Dissolved (ug/l as Be)			65				<2
Cadmium Total Recoverable (ug/l as Cd)	83	70		D	D	D	<4
Cadmium Dissolved (ug/l as Cd)			D				<4
Calcium Dissolved (mg/l as Ca)							--
Chromium Total Recoverable (ug/l as Cr)							11
Chromium Dissolved (ug/l as Cr)							<5
Cobalt Dissolved (ug/l as Co)							--
Copper, Total Recoverable, (ug/l as Cu)	NNS			F	F	F	60
Copper, Dissolved, (ug/l as Cu)	NNS	5200	F				34
Iron, Dissolved, (ug/l as Fe)							--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS		G	G	G	22
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	G				<5
Lithium, Dissolved, (ug/l as Li)							--
Magnesium, Dissolved, (mg/l as Mg)							--
Manganese, Dissolved, (ug/l as Mn)							--
Mercury, Total Recoverable, (ug/l as Hg)	0.6	42		0.01	5.0	2.7	<0.2
Mercury, Dissolved, (ug/l as Hg)			2.4				<0.2
Molybdenum, Dissolved, (ug/l as Mo)							--
Nickel, Total Recoverable, (ug/l as Ni)	400	2800		H	H	H	<20
Nickel, Dissolved, (ug/l as Ni)			H				<20
Potassium, Dissolved, (mg/l as K)				2.0	33	2.0	--
Selenium, Total, (ug/l as Se)	9000	420	20				<5

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)	
Sampling Station Identification Number							IB-08
Date							4/2/97
Selenium, Dissolved, (ug/l as Se)	9000				NNS	NNS	<5
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS		NNS	J	NNS	<50
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	J				<50
Sodium, Dissolved, (mg/l as Na)							--
Strontium, Dissolved, (ug/l as Sr)					NNS	NNS	--
Thallium, Total, (ug/l as Tl)	44	3700		150	NNS	NNS	<1
Thallium, Dissolved, (ug/l as Tl)			700				<1
Vanadium, Dissolved, (ug/l as V)							--
Zinc, Total Recoverable, (ug/l as Zn)		28000		K	K	K	250
Zinc, Dissolved, (ug/l as Zn)		28000	K				100
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)				NNS	4.5	NNS	--
Aldrin, Total, (ug/l)	0.0003	4.2	2.0	130	1600	130	<0.5
BHC - ALPHA, (ug/l)	0.03	NNS	1600	0.28	11	0.9	<0.5
BHC - Gamma (Lindane), (ug/l)	0.02	2500	3.4	130	1600	130	<0.5
BHC - DELTA, (ug/l)	NNS	NNS	1600	0.01	11	2.5	<0.5
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<0.5
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<0.5
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<0.5
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<0.5
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<0.5
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<0.5
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.21	3.2	0.45	<0.6
Chlordane, Total, (ug/l)	0.001	110	2.4	0.02	1.1	0.02	<0.5
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	1.1	0.03	<0.5
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.001	1.1	0.006	<0.5
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.002	4.0	0.9	<0.5
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.06	3.0	1.5	<0.5
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	3.0	1.5	<0.5
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	3.0	1.5	<0.5
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.08	0.7	0.3	<0.5
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	0.7	0.3	<0.5
Endrin, Total, (ug/l)	1.1	40	0.2	0.004	0.9	0.1	<0.1
Heptachlor, Total, (ug/l)	0.002	20	0.52	0.004	0.9	0.1	<0.5
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.52	0.02	11	1.5	<0.5

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)	
Sampling Station Identification Number							IB-08
Date							4/2/97
Toxaphene, Total, (ug/l)	0.008	1000	0.73	NNS	NNS	NNS	<0.5
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	130	1600	130	--
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	3200	NNS	NNS	<0.5
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700				<2
1,1,1,2-Tetrachloroethane, Total,(ug/l)				680	15000	6000	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	1600	NNS	NNS	<2
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	2600	12000	NNS	NNS	<2
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	1300	NNS	NNS	<2
Trichloroethene, Total, (ug/l)	78	NNS	20000	NNS	NNS	NNS	<2
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	<2
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	NNS	41000	NNS	NNS	<2
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	9200	NNS	NNS	<2
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9800	NNS	NNS	<2
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	1100	NNS	NNS	<2
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	3900	NNS	NNS	<2
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000				<2
trans-1,3- Dichloropropene, (ug/l)				180	NNS	NNS	<2
Benzene, Total, (ug/l)	120	470	2700	NNS	NNS	NNS	<2
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	10000	NNS	NNS	<2
Bromoform, Total, (ug/l)	80	2800	15000	1100	NNS	NNS	<2
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	620	NNS	NNS	<2
Chlorobenzene, Total, (ug/l)	500	2800	9800	NNS	NNS	NNS	<2
Chloroethane, (ug/l)	NNS	NNS	NNS	9800	NNS	NNS	<5
Chloroform, Total, (ug/l)	590	1400	14000	1400	NNS	NNS	<2
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	5500	NNS	NNS	<2
Methylene Chloride, Total, (ug/l)	480	27000	97000	180	NNS	NNS	--
Toluene, Total, (ug/l)	90000	42000	8700				<2
Trichlorofluoromethane, Total, (ug/l)				NNS	NNS	NNS	<2
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	<5
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS				<2
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--
Acetone, Total, (ug/l)							<10
2-Butanone, (ug/l)							<10
Carbon Disulfide, Total, (ug/l)							<10
1,2 Dichloroethene, Total, (ug/l)				NNS	NNS	NNS	<2
Xylenes, Total, (ug/l)	NNS	NNS	NNS				<2
2-Hexanone, Total, (ug/l)				NNS	NNS	NNS	<10
Styrene, Total, (ug/l)	NNS	NNS	NNS	30	NNS	NNS	<2
Acrolein, Total, (ug/l)	750	1300	34				<10
Acrylonitirile, Total, (ug/l)							<10
Bromobenzene, Water Whole, Total, (ug/l)							--
1,3-Dichloropropane, Water Whole, Total, (ug/l)				360	NNS	NNS	--
Methyl Bromide, Total, (ug/l)	7500	200	5500	15000	NNS	NNS	--
Methyl Chloride, Total, (ug/l)	1800	2800	270000				--

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)	
Sampling Station Identification Number							IB-08
Date							4/2/97
Parachloro Toluene, Total, (ug/l)							--
Dibromoethane, Total, (ug/l)				550	NNS	NNS	--
Acenaphthene, Total, (ug/l)	2600	8400	850	NNS	NNS	NNS	<3
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	<3
Anthracene, Total, (ug/l)	6300	NNS	NNS	89	10000	640	<3
Benzidine, Total, (ug/l)	0.0007	420	1300				<3
Benzoic Acid, Total, (ug/l)				NNS	NNS	NNS	<5
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS				<3
Benzo (b) Fluoranthene, Total, (ug/l)				NNS	NNS	NNS	<5
Benzo (k) Fluoranthene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	<5
Benzo (ghi) Perylene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	<3
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS				<3
Benzyl Alcohol, Total, (ug/l)				NNS	NNS	NNS	<3
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	6700	NNS	NNS	<3
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	NNS	NNS	NNS	<3
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	360	3100	360	<3
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	14	NNS	NNS	22
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	130	NNS	NNS	<3
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	NNS	NNS	NNS	<5
2-Chloronapthalene, Total, (ug/l)	13000	11000	NNS	150	NNS	NNS	<3
2-Chlorophenol, Total, (ug/l)	2100	700	2200	NNS	NNS	NNS	<3
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<3
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	<3
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	35	1100	84	<5
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	970	NNS	NNS	<3
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	780	6500	2500	<3
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	470	5900	2300	<3
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	NNS	NNS	NNS	<3
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	880	NNS	NNS	<5
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	1600	NNS	NNS	<3
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	310	150000	43000	<3
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1000	1000	NNS	NNS	<5
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	24	NNS	NNS	<3
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	9.2	NNS	NNS	<5
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	970	NNS	NNS	<10
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	NNS	NNS	NNS	<5
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<5
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	1600	NNS	NNS	<3
Fluoranthene, Total, (ug/l)	130	5600	2000	NNS	NNS	NNS	<3
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	<3
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	8.2	NNS	NNS	<3
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	0.3	NNS	NNS	<3
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	350	850	610	<10
Hexachloroethane, Total, (ug/l)	4.8	140	490	NNS	NNS	NNS	<3

IB-08: Indian Bend Wash and 40th Street	FC (ug/L)	PBC (ug/L)	A&Ww Acute (ug/L)	A&Ww Chronic (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)	
Sampling Station Identification Number							IB-08
Date							4/2/97
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	43000	NNS	NNS	<5
Isophorone, Total, (ug/l)	520	28000	59000	600	NNS	NNS	<3
Naphthalene, Total, (ug/l)	NNS	560	3300	850	NNS	NNS	<3
Nitrobenzene, Total, (ug/l)	600	70	13000	NNS	NNS	NNS	<3
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	3000	NNS	NNS	<5
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	200	NNS	NNS	<5
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	NNS	NNS	NNS	<3
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	I	I	I	<3
Pentachlorophenol, Total, (ug/l)	29000	2000	I	6.3	NNS	NNS	<5
Phenanthrene, Total, (ug/l)	0.0005	NNS	30				<3
Phenol, Total, (ug/l)				NNS	NNS	NNS	<3
Pyrene, Total, (ug/l)	1100	4200	NNS	300	NNS	NNS	<3
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	1700				<3
2,4,5- Trichlorophenol, Total, (ug/l)				25	3000	460	<3
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	NNS	NNS	NNS	<3
N-Nitrosodimethylamine, Total, (ug/l)	2.1	NNS	NNS	11	NNS	NNS	<3
1,2- Diphenylhydrazine, Total, (ug/l)	0.25	NNS	130				--
Dichlorodifluoromethane, Total, (ug/l)							--
Parachloro-Meta-Cresol, Total, (ug/l)							--

ACDC and 43rd Avenue (USGS)

ACDC at 43rd Avenue and Peoria	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)										
Sampling Station Identification Number				**09513885**	**09513885**	**09513885**	**09513885**	**09513885**	**09513885**	**09513885**	**09513885**	**09513885**	**09513885**
Date				**12/4/92**	**1/6/93**	**2/8/93**	**3/26/93**	**8/24/93**	**10/6/93**	**2/7/94**	**3/7/94**	**11/12/94**	**12/5/94**
Agency Collecting Sample				USGS	USGS	USGS	USGS	USGS	USGS	USGS	USGS	USGS	USGS
Agency Analyzing Sample				NWQL	NWQL	NWQL	NWQL	NWQL	NWQL	NWQL	NWQL	NWQL	NWQL
Drainage Area (acres) (DA)				0.0053125	0.0053125	0.0053125	0.0053125	0.0053125	0.0053125	0.0053125	0.0053125	0.0053125	0.0053125
Impervious Area (acres) (IA)				0.00499375	0.00499375	0.00499375	0.00499375	0.00499375	0.00499375	0.00499375	0.00499375	0.00499375	0.00499375
Land Use - Residential				0	0	0	0	0	0	0	0	0	0
Land Use - Commercial				97	97	97	97	97	97	97	97	97	97
Land Use - Industrial				0	0	0	0	0	0	0	0	0	0
Land Use - Undeveloped				3	3	3	3	3	3	3	3	3	3
Sampling Duration (minutes)				UA	UA	UA	UA	UA	UA	--	--	UA	UA
Storm Duration (minutes) (DRN)				762	1446	1170	270	120	702	--	--	114	672
Runoff Sampled (MGD) (RUN)				0.05	0.03	0.06	0.02	0.02	0.03	0.0526	0.0171	0.04	0.05
Total Storm Runoff (cubic feet)				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Instantaneous Discharge (cfs)				1.2	0.82	1.7	2	2.1	1.2	0.6	1.5	0.59	0.54
Preceeding Dry Period (days) (ANT)				36	3	18	45	16	22	13	27	27	23
Total Storm Rainfall (inch)				UA	UA	UA	UA	UA	UA	UA	UA	UA	UA
Rainfall Sampled (inch) (TRN)				0.68	0.44	0.76	0.22	0.29	0.39	0.28	0.16	0.2	0.19
Maximum 5-minute rain intensity (MAX5)				0.02	0.02	0.02	0.09	0.07	0.06	--	--	0.05	0.01
Sample Temperature (deg. C)				14.5	12	16	22	27	25	13	18.5	12.5	16
Effluent Temperature (deg. C)				NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)				NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)				730	725	730	725	730	732	--	--	730	728
pH, Effluent (standard units)				6.9	6.8	6.3	6.5	6.5	7	6.9	6.7	5.9	7
pH, Lab (standard units)				7.2	6.8	6.5	6.7	6.6	6.4	6.5	5.9	5.8	6.2
Specific Conductance, FIELD (us/cm)				82	99	130	894	104	80	34	56	110	67
Specific Conductance, LAB (us/cm)				47	44	49	170	121	133	51	70	107	98
Oxygen Dissolved (% saturation)				102	84	87	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)				10	8.6	8.2	5.6	--	--	--	--	6.2	7.4
Electrical Conductivity (umhos/cm)				--	--	--	--	--	--	--	--	--	--
BOD5 (mg/l)				16	66	9	--	30	33	--	--	--	--
COD High Level (mg/l)				97	97	180	330	160	210	220	--	140	180
Chloride (mg/l as Cl)				1.7	1.1	1.6	8.1	5.8	8.1	1.8	2.8	8.8	5.3
Cyanide Total (mg/l as Cn)	**3100 T**	**41 T**	**9.7 T**	0.02	<0.010	<0.010	0.01	--	0.01	<0.010	<0.010	0.01	0.01
Fecal Coliform (CFU/100mL)				K8000	2700	2300	K41000	--	K400	--	--	--	--
Fecal Streptococci (CFU/100mL)				6700	K12000	5200	K21000	K130	K670	--	--	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)				46	33	38	164	126	165	57	77	96	100
Residue, Total at 105 Deg. C (TSS) (mg/l)				22	240	144	337	42	40	16	76	36	60
Nitrogen No2 + No3, Total (mg/l as N)	**NNS**	**NNS**	**NNS**	0.55	--	--	--	0.78	1.1	0.42	0.84	0.95	0.85
TKN Nitrogen (mg/l as N)				--	--	--	--	--	--	--	--	--	--
Nitrogen, Ammonia + Organic, Total (mg/l as N)				2.6	1.3	1.6	4.7	3.4	4.9	2.7	3.6	3.1	4
Nitrogen Nitrate Total (mg/l as N)	**NNS**	**NNS**	**NNS**	0.49	0.32	0.35	1.45	0.76	1.07	0.36	0.81	0.89	0.74
Nitrogen Nitrite Total (mg/l as N)	**NNS**	**NNS**	**NNS**	0.06	0.09	0.06	0.05	--	0.3	0.06	0.03	0.06	0.11
Nitrogen Ammonia Total (mg/l as N)				1.7	--	--	--	1.2	1	1.2	1.6	0.92	2.2
Nitrogen Organic Total (mg/l as N)				--	--	--	--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)				0.22	0.16	0.18	0.38	0.8	0.75	0.49	0.33	0.59	0.48

ACDC at 43rd Avenue and Peoria	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)										
Sampling Station Identification Number				09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885
Date				12/4/92	1/6/93	2/8/93	3/26/93	8/24/93	10/6/93	2/7/94	3/7/94	11/12/94	12/5/94
Phosphorous Dissolved (mg/l as P)				0.2	0.05	0.07	0.24	0.58	0.63	0.4	0.24	0.47	0.43
Phosphorous Ortho (mg/l as P)				--	--	--	--	--	--	--	--	0.34	0.36
Sulfate Dissolved (mg/l)				3.2	3	4.6	<0.10	12	17	3.5	5.7	11	8
Hexavalent Chromium Total (mg/l)	700 T	16 D	11 D	--	--	--	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	84000	54	6.3	33	--	12	21	7	29	29	6	10	30
Oil and Grease Total Recoverable (mg/l)				2	3	4	5	2	1	2	3	4	<1
Organic Carbon, Total (mg/l)				26	21	29	96	47	76	52	43	43	50
Bicarbonate Whole Field (mg/l as HCo3)				13	16	12	59	26	29	--	11	16	23
Bicarbonate Dissolved, Field (mg/l as HCo3)				12	16	12	32	17	26	8	10	17	22
Carbonate Water Field (mg/l as Co3)				0	0	0	0	0	0	0	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)				--	--	--	--	--	--	--	--	0	0
Alkalinity Water Field Total (mg/l as CaCo3)				11	13	10	48	21	24	--	9	13	19
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)				10	13	10	26	14	21	7	8	14	18
Alkalinity LAB (mg/l as CaCo3)				11	15	14	32	23	23	12	11	18	26
Silica Dissolved (mg/l as SiO2)				1	1.8	1.1	1.4	1.1	1.4	--	--	--	--
Hardness (mg/l)				--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	56			--	--	--	--	--	--	--	--	--	--
Antimony Dissolved (ug/l as Sb)		1000	600	--	--	--	--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	2800			2	3	1	4	2	2	<1	<1	1	3
Arsenic Dissolved (ug/l as As)		360	190	--	--	--	--	--	--	--	--	--	--
Barium Dissolved (ug/l as Ba)	NNS	NNS	NNS	6	6	7	21	10	16	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	700			--	--	--	--	<10	<10	<10	<10	<10	<10
Beryllium Dissolved (ug/l as Be)		65	5.3	0.8	<0.5	<0.5	<0.5	0.6	<0.5	--	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	70			<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1	<1
Cadmium Dissolved (ug/l as Cd)		d	d	<1.0	<1.0	3	<1.0	<1.0	<1.0	--	--	--	--
Calcium Dissolved (mg/l as Ca)				4.6	4.9	4.9	15	11	13	4	5.8	8.1	8.1
Chromium Total Recoverable (ug/l as Cr)				3	4	11	11	3	2	2	3	3	3
Chromium Dissolved (ug/l as Cr)				<5.0	<5.0	<5.0	--	<5	<5	--	--	--	--
Cobalt Dissolved (ug/l as Co)				<3.0	<3.0	<3.0	--	<3	<3	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)				9	8	13	26	13	17	7	12	11	14
Copper, Dissolved, (ug/l as Cu)	5200	f	f	<10.0	<10.0	<10.0	10	10	10	--	--	--	--
Iron, Dissolved, (ug/l as Fe)				41	27	27	110	150	210	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS			3	8	12	27	7	8	5	7	6	6
Lead, Dissolved, (ug/l as Pb)	NNS	g	g	<10	<10	<10	<10	<10	<10	--	--	--	--
Lithium, Dissolved, (ug/l as Li)				<4.0	<4.0	<4.0	<4.0	<4	<4	--	--	--	--
Magnesium, Dissolved, (mg/l as Mg)				0.54	0.53	0.66	1.7	1.4	2	0.57	0.74	1.9	1.8
Manganese, Dissolved, (ug/l as Mn)				57	28	47	140	140	160	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	42			<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Mercury, Dissolved, (ug/l as Hg)		2.6	0.2	--	--	--	--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)				10	<10	<10	<10	<10	<10	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	2800			5	5	13	23	7	9	3	5	5	5
Nickel, Dissolved, (ug/l as Ni)		h	h	<10	<10	<10	10	<10	<10	--	--	--	--
Potassium, Dissolved, (mg/l as K)				0.9	0.7	0.7	1.7	1.5	1.7	1	1.3	1.6	1.9
Selenium, Total, (ug/l as Se)	420	50	2	<2	<2	<2	<2	<1	1	<1	<1	<1	<1

ACDC at 43rd Avenue and Peoria	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)										
Sampling Station Identification Number				09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885
Date				12/4/92	1/6/93	2/8/93	3/26/93	8/24/93	10/6/93	2/7/94	3/7/94	11/12/94	12/5/94
Selenium, Dissolved, (ug/l as Se)				--	--	--	--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	NNS			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Silver, Dissolved, (ug/l as Ag)	NNS	j	NNS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	--	--	--
Sodium, Dissolved, (mg/l as Na)				1.4	1.5	1.7	12	5.7	8.4	2.7	3.1	6.8	5
Strontium, Dissolved, (ug/l as Sr)				27	28	31	91	63	83	--	--	--	--
Thallium, Total, (ug/l as Tl)	3700			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--
Thallium, Dissolved, (ug/l as Tl)		700	150	--	--	--	--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)				<6.0	<6.0	<6.0	11	9	10	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	28000			90	90	110	270	180	280	110	130	160	140
Zinc, Dissolved, (ug/l as Zn)	28000	k	k	59	25	27	56	140	260	--	--	--	--
Diazinon, Total, (ug/l)				--	--	--	--	--	0.12	--	--	--	--
Ethion, Total, (ug/l)				--	--	--	--	--	<0.01	--	--	--	--
Malathion, Total, (ug/l)				--	--	--	--	--	0.04	--	--	--	--
Methyl Parathion, Total, (ug/l)				--	--	--	--	--	<0.01	--	--	--	--
Parathion, Total, (ug/l)				--	--	--	--	--	<0.01	--	--	--	--
Trithion, Total, (ug/l)				--	--	--	--	--	<0.01	--	--	--	--
Di-syston, Total, (ug/l)				--	--	--	--	--	<0.01	--	--	--	--
Phorate, Total, (ug/l)				--	--	--	--	--	<0.01	--	--	--	--
Chlorpyrifos, Total, (ug/l)				--	--	--	--	--	0.01	--	--	--	--
DEF, Total, (ug/l)				--	--	--	--	--	0.03	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)				--	--	--	--	--	<0.01	--	--	--	--
Aldrin, Total, (ug/l)	4.2	2.0	NNS	<0.040	<0.040	<0.040	<0.040	<0.040	--	--	--	--	--
BHC - ALPHA, (ug/l)	NNS	1600	130	<0.03	<0.03	<0.03	<0.03	<0.03	--	--	--	--	--
BHC - Gamma (Lindane), (ug/l)	2500	7.6	0.61	<0.030	<0.030	<0.030	<0.030	<0.030	--	--	--	--	--
BHC - DELTA, (ug/l)	NNS	1600	130	<0.09	<0.09	<0.09	<0.09	<0.9	--	--	--	--	--
Aroclor 1016, PCB, Total, (ug/l)	NNS	2.0	0.01	<0.1	--	--	--	--	--	--	--	--	--
Aroclor 1221, PCB, Total, (ug/l)	NNS	2.0	0.01	<0.1	--	--	--	--	--	--	--	--	--
Aroclor 1232, PCB, Total, (ug/l)	NNS	2.0	0.01	<0.1	--	--	--	--	--	--	--	--	--
Aroclor 1242, PCB, Total, (ug/l)	NNS	2.0	0.01	<0.1	--	--	--	--	--	--	--	--	--
Aroclor 1248, PCB, Total, (ug/l)	NNS	2.0	0.01	<0.1	--	--	--	--	--	--	--	--	--
Aroclor 1254, PCB, Total, (ug/l)	NNS	2.0	0.01	<0.1	<0.1	<0.1	--	--	--	--	--	--	--
Aroclor 1260, PCB, Total, (ug/L)	NNS	2.0	0.01	<0.1	--	--	--	--	--	--	--	--	--
Chlordane, Total, (ug/l)	110	2.1	0.21	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--
P,P' DDD, Total, (ug/l)	NNS	1.1	0.02	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--
P,P' DDE, Total, (ug/l)	NNS	1.1	0.02	<0.04	<0.04	0.05	0.15	<0.04	--	--	--	--	--
P, P' DDT, Total, (ug/l)	700	1.1	0.001	<0.1	<0.1	<0.1	<0.1	--	--	--	--	--	--
Dieldrin, Total, (ug/l)	7	2.5	0.005	<0.020	<0.020	<0.020	<0.020	<0.2	--	--	--	--	--
Endo-Sulfan Alpha, Total, (ug/l)	NNS	0.22	0.06	<0.1	<0.1	<0.1	<0.1	<1.0	--	--	--	--	--
Endo-Sulfan Beta, Total, (ug/l)	NNS	0.22	0.06	<0.04	<0.04	<0.04	<0.04	<0.4	--	--	--	--	--
Endo-Sulfan Sulfate, Total, (ug/l)	NNS	0.22	0.06	<0.60	--	--	--	--	--	--	--	--	--
Endrin Aldehyde, Total, (ug/l)	NNS	0.2	0.08	<0.20	<0.20	<0.20	<0.20	<2.0	--	--	--	--	--
Endrin, Total, (ug/l)	40	0.2	0.08	<0.060	<0.060	<0.060	<0.060	<0.600	--	--	--	--	--
Heptachlor, Total, (ug/l)	20	0.58	0.013	<0.030	<0.030	<0.030	<0.030	<0.030	--	--	--	--	--
Heptachlor Epoxide, Total, (ug/l)	2	0.58	0.013	<0.80	<0.80	<0.80	<0.80	<8.0	--	--	--	--	--

ACDC at 43rd Avenue and Peoria	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)										
Sampling Station Identification Number				09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885
Date				12/4/92	1/6/93	2/8/93	3/26/93	8/24/93	10/6/93	2/7/94	3/7/94	11/12/94	12/5/94
Toxaphene, Total, (ug/l)	1000	0.73	0.02	<2.0	--	--	--	--	--	--	--	--	--
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	NNS	1600	130	<0.03	<0.03	<0.03	<0.03	<0.30	--	--	--	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	450	4700	3200	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
1,1,1,2-Tetrachloroethane, Total,(ug/l)				<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	4000	6500	680	--	--	--	--	--	--	--	--	--	--
1,1,1- Trichloroethane, Total, (ug/l)	13000	20000	1300	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
1,1,2- Trichloroethane, Total, (ug/l)	560	18000	12000	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Trichloroethene, Total, (ug/l)	NNS	20000	1300	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
1,1- Dichloroethane, Total, (ug/l)	14000	NNS	NNS	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
1,1- Dichloroethene, Total, (ug/l)	1300	15000	950	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
1,2- Dichloroethane, Total, (ug/l)	10000	59000	41000	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
1,2- Dichloropropane, Total, (ug/l)	200	26000	9200	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	180000	9800	<1.0	<1.0	<100	<100	<5.0	<25	--	--	--	--
cis-1,3-Dichloropropene, (ug/l)	60	3000	1100	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
trans-1,2- Dichloroethene, (ug/l)	2800	68000	3900	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
trans-1,3- Dichloropropene, (ug/l)				<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Benzene, Total, (ug/l)	470	11000	700	<0.2	<0.2	<20	<20	<1	<5.0	--	--	--	--
Bromodichloromethane, Total, (ug/l)	2800	NNS	NNS	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Bromoform, Total, (ug/l)	2800	15000	10000	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Carbon Tetrachloride, Total, (ug/l)	8000	18000	1100	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Chlorobenzene, Total, (ug/l)	2800	NNS	NNS	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Chloroethane, (ug/l)	NNS	NNS	NNS	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Chloroform, Total, (ug/l)	1400	14000	900	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Ethyl-Benzene, Total, (ug/l)	64000	23000	1400	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Methylene Chloride, Total, (ug/l)	27000	97000	5500	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Toluene, Total, (ug/l)	42000	8700	180	0.2	0.2	<20	<20	<1.0	<5.0	--	--	--	--
Trichlorofluoromethane, Total, (ug/l)				<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Vinyl Chloride, Total, (ug/l)	NNS	NNS	NNS	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Chlorodibromomethane, Total, (ug/l)	2800	NNS	NNS	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)				--	--	--	--	--	--	--	--	--	--
Acetone, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
2-Butanone, (ug/l)				--	--	--	--	--	--	--	--	--	--
Carbon Disulfide, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
1,2 Dichloroethene, Total, (ug/l)				<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Xylenes, Total, (ug/l)	NNS	NNS	NNS	0.3	0.2	<20	<20	<1.0	<5.0	--	--	--	--
2-Hexanone, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
Styrene, Total, (ug/l)	NNS	NNS	NNS	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Acrolein, Total, (ug/l)	1300	34	30	<20.0	<20.0	<2000	<20	<100	<500	--	--	--	--
Acrylonitirile, Total, (ug/l)				<20.0	<20.0	<2000	<20	<100	<500	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)				<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)				<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Methyl Bromide, Total, (ug/l)	200	5500	360	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Methyl Chloride, Total, (ug/l)	2800	270000	15000	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--

ACDC at 43rd Avenue and Peoria	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)										
Sampling Station Identification Number				09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885
Date				12/4/92	1/6/93	2/8/93	3/26/93	8/24/93	10/6/93	2/7/94	3/7/94	11/12/94	12/5/94
Parachloro Toluene, Total, (ug/l)				<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Dibromoethane, Total, (ug/l)				<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Acenaphthene, Total, (ug/l)	8400	850	550	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Acenaphthylene, Total, (ug/l)	NNS	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Anthracene, Total, (ug/l)	NNS	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Benzidine, Total, (ug/l)	420	1300	89	<40.0	<40.0	<40.0	<40.0	<40.0	--	--	--	--	--
Benzoic Acid, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
Benzo (a) Anthracene, Total, (ug/l)	NNS	NNS	NNS	<10.0	<10.0	<10.0	<10.0	<10.0	--	--	--	--	--
Benzo (b) Fluoranthene, Total, (ug/l)				<10.0	<10.0	14	16	19	--	--	--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	NNS	NNS	NNS	<10.0	<10.0	<10.0	12	<10.0	--	--	--	--	--
Benzo (ghi) Perylene, Total, (ug/l)	NNS	NNS	NNS	<10.0	<10.0	<10.0	<10.0	<10.0	--	--	--	--	--
Benzo (a) Pyrene, Total, (ug/l)	NNS	NNS	NNS	<10.0	<10.0	<10.0	<10.0	<10.0	--	--	--	--	--
Benzyl Alcohol, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	NNS	120000	6700	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	5600	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	280000	400	360	<5.0	<5.0	8	8	<5.0	--	--	--	--	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	180	14	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Butyl Benzyl Phthalate, Total, (ug/l)	28000	1700	130	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
2-Chloronapthalene, Total, (ug/l)	11000	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
2-Chlorophenol, Total, (ug/l)	700	2200	150	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Chrysene, Total, (ug/l)	NNS	NNS	NNS	<10.0	<10.0	13	17	14	--	--	--	--	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--	--	--
Di-N-Butyl Phthalate, Total, (ug/l)	14000	470	35	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
1,3- Dichlorobenzene, Total, (ug/l)	13000	2500	970	<0.2	<0.2	<5.0	<5.0	<1.0	<5.0	--	--	--	--
1,4- Dichlorobenzene, Total, (ug/l)	13000	2000	780	<0.2	<0.2	<5.0	<5.0	<1.0	<5.0	--	--	--	--
1,2- Dichlorobenzene, Total, (ug/l)	13000	1200	470	<0.2	<0.2	--	--	--	--	--	--	--	--
3,3'- Dichlorobenzidine, Total, (ug/l)	NNS	NNS	NNS	<20	<20	<20	<20	<20	--	--	--	--	--
2,4- Dichlorophenol, Total, (ug/l)	420	1000	88	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Diethyl Phthalate, Total, (ug/l)	110000	26000	1600	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
2,4- Dimethylphenol, Total, (ug/l)	NNS	1100	310	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Dimethyl Phthalate, Total, (ug/l)	NNS	17000	1000	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	NNS	310	24	<30.0	<30.0	<30.0	<30.0	<30.0	--	--	--	--	--
2,4- Dinitrophenol, Total, (ug/l)	280	110	9.2	<20.0	<20.0	<20.0	<20.0	<20.0	--	--	--	--	--
2,4- Dinitrotoluene, Total, (ug/l)	NNS	15000	970	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	<10.0	<10.0	<10.0	<10.0	<10.0	--	--	--	--	--
Fluoranthene, Total, (ug/l)	5600	2000	1600	<5.0	5	13	18	16	--	--	--	--	--
Fluorene, Total, (ug/l)	5600	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Hexachlorobenzene, Total, (ug/l)	100	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Hexachlorobutadiene, Total, (ug/l)	280	45	8.2	<0.2	<0.2	<5.0	<5.0	<1.0	<5.0	--	--	--	--
Hexachlorocyclopentadiene, Total, (ug/l)	1000	3.5	0.3	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Hexachloroethane, Total, (ug/l)	140	490	350	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--

ACDC at 43rd Avenue and Peoria	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)										
Sampling Station Identification Number				09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885
Date				12/4/92	1/6/93	2/8/93	3/26/93	8/24/93	10/6/93	2/7/94	3/7/94	11/12/94	12/5/94
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	NNS	NNS	NNS	<10.0	<10.0	<10.0	<10.0	<10.0	--	--	--	--	--
Isophorone, Total, (ug/l)	28000	59000	43000	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Naphthalene, Total, (ug/l)	560	3300	600	<3.9	0.4	<5.0	<5.0	<1.0	<5.0	--	--	--	--
Nitrobenzene, Total, (ug/l)	70	13000	850	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
4-Nitrophenol, Total, (ug/l)	NNS	4100	3000	<30.0	<30.0	<30.0	<30.0	<30.0	--	--	--	--	--
N-Nitrosodiphenylamine, Total, (ug/l)	NNS	2900	200	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	NNS	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Pentachlorophenol, Total, (ug/l)	2000	I	I	<30.0	<30.0	<30.0	<30.0	<30.0	--	--	--	--	--
Phenanthrene, Total, (ug/l)	NNS	54	6.3	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Phenol, Total, (ug/l)				7	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Pyrene, Total, (ug/l)	4200	NNS	NNS	<5.0	<5.0	10	13	11	--	--	--	--	--
1,2,4-Trichlorobenzene, Total, (ug/l)	2800	NNS	NNS	<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
2,4,5- Trichlorophenol, Total, (ug/l)				--	--	--	--	--	--	--	--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	NNS	160	25	<20.0	<20.0	<20.0	<20.0	<20.0	--	--	--	--	--
N-Nitrosodimethylamine, Total, (ug/l)	NNS	NNS	NNS	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	NNS	130	11	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)				<0.2	<0.2	<20	<20	<1.0	<5.0	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)				<30.0	<30.0	<30.0	<30.0	<30.0	--	--	--	--	--

ACDC at 43rd Avenue and Peoria	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)								
Sampling Station Identification Number				09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885
Date				8/19/95	9/6/95	11/1/96	1/31/96	7/9/96	7/14/96	1/13/97	2/27/97
Agency Collecting Sample				USGS	USGS	USGS	USGS	USGS	USGS	USGS	USGS
Agency Analyzing Sample				NWQL	NWQL	NWQL	NWQL	NWQL	NWQL	NWQL	NWQL
Drainage Area (acres) (DA)				0.0053	0.0053	0.0053	0.0053	0.0053	0.0053	0.0053	0.0053
Impervious Area (acres) (IA)				0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Land Use - Residential				0	0	0	0	0	0	0	0
Land Use - Commercial				97	97	97	97	97	97	97	97
Land Use - Industrial				0	0	0	0	0	0	0	0
Land Use - Undeveloped				3	3	3	3	3	3	3	3
Sampling Duration (minutes)				UA	UA	UA	UA	UA	UA	UA	UA
Storm Duration (minutes) (DRN)				78	78	42	732	78	72	420	210
Runoff Sampled (MGD) (RUN)				0.02	0.02	0.04	0.01	0.05	0.01	0.03	0.03
Total Storm Runoff (cubic feet)				NA	NA	NA	NA	NA	NA	NA	NA
Instantaneous Discharge (cfs)				0.94	2.2	3.6	0.49	2.6	1	0.71	0.65
Preceeding Dry Period (days) (ANT)				4	13	33	85	117	3	9	32
Total Storm Rainfall (inch)				UA	UA	UA	UA	UA	UA	UA	UA
Rainfall Sampled (inch) (TRN)				0.38	0.33	0.72	0.29	1	0.27	0.46	0.42
Maximum 5-minute rain intensity (MAX5)				0.1	0.14	0.21	0.06	0.14	0.07	0.04	0.04
Sample Temperature (deg. C)				28	30	18	15	28	25	11	12.5
Effluent Temperature (deg. C)				NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)				NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)				730	731	731	727	729	732	725	715
pH, Effluent (standard units)				6.4	6.4	6.1	7	6.8	6.5	8.1	6.9
pH, Lab (standard units)				6.5	6.4	5.9	6.1	6	6.1	6.2	6.5
Specific Conductance, FIELD (us/cm)				199	117	17	97	70	62	75	72
Specific Conductance, LAB (us/cm)				162	121	61	111	194	106	80	89
Oxygen Dissolved (% saturation)				--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)				7.9	6.3	9.5	--	6.7	--	--	9
Electrical Conductivity (umhos/cm)				--	--	--	--	--	--	--	--
BOD5 (mg/l)				--	--	--	--	--	--	--	--
COD High Level (mg/l)				230	200	120	380	260	210	170	150
Chloride (mg/l as Cl)				9.3	5.4	2.3	4.2	11	4.5	5.5	4.3
Cyanide Total (mg/l as Cn)	3100 T	41 T	9.7 T	--	0.01	0.01	<0.01	0.01	<0.01	<0.010	0.013
Fecal Coliform (CFU/100mL)				--	--	--	--	--	--	--	--
Fecal Streptococci (CFU/100mL)				--	--	--	--	--	--	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)				160	114	54	114	196	116	74	82
Residue, Total at 105 Deg. C (TSS) (mg/l)				78	182	62	248	104	90	140	130
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	1.3	1.2	0.99	1.4	1.6	1.5	0.59	0.93
TKN Nitrogen (mg/l as N)				--	--	--	--	--	--	--	--
Nitrogen, Ammonia + Organic, Total (mg/l as N)				5.3	3.9	3.1	6.7	5.9	4.4	3.8	4.7
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	1.28	1.18	0.97	1.11	1.58	1.48	0.55	0.87
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	0.02	0.02	0.02	0.29	0.02	0.02	0.04	0.06
Nitrogen Ammonia Total (mg/l as N)				2.2	2.2	1.6	2.4	2.5	2.6	1.5	1.7
Nitrogen Organic Total (mg/l as N)				--	--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)				0.61	0.53	0.32	0.83	0.76	0.37	0.66	0.36

ACDC at 43rd Avenue and Peoria	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)								
Sampling Station Identification Number				09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885
Date				8/19/95	9/6/95	11/1/96	1/31/96	7/9/96	7/14/96	1/13/97	2/27/97
Phosphorous Dissolved (mg/l as P)				0.46	0.41	0.21	0.49	0.45	0.26	0.38	0.22
Phosphorous Ortho (mg/l as P)				0.32	0.23	0.14	0.12	0.37	0.26	0.33	0.15
Sulfate Dissolved (mg/l)				19	13	5.7	8.5	35	9.5	7.1	7
Hexavalent Chromium Total (mg/l)	700 T	16 D	11 D	--	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	84000	54	6.3	13	12	14	15	51	9	12	10
Oil and Grease Total Recoverable (mg/l)				1	4	<1	3	3	4	5	5
Organic Carbon, Total (mg/l)				72	48	35	74	82	46	34	40
Bicarbonate Whole Field (mg/l as HCo3)				22	24	8	33	18	14	15	28
Bicarbonate Dissolved, Field (mg/l as HCo3)				11	10	7	14	8	12	11	20
Carbonate Water Field (mg/l as Co3)				0	0	0	0	0	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)				0	0	0	0	0	0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)				18	20	7	27	15	11	13	23
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)				9	8	6	11	7	10	9	17
Alkalinity LAB (mg/l as CaCo3)				25	32	11	25	30	17	14	23
Silica Dissolved (mg/l as SiO2)				--	--	--	--	--	--	--	--
Hardness (mg/l)				--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	56			--	--	--	--	--	--	--	--
Antimony Dissolved (ug/l as Sb)		1000	600	--	--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	2800			2	7	<1	2	3	3	2	1
Arsenic Dissolved (ug/l as As)		360	190	--	--	--	--	--	--	--	--
Barium Dissolved (ug/l as Ba)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	700			<10	<10	<10	<10	<10	<10	<10	<10
Beryllium Dissolved (ug/l as Be)		65	5.3	--	--		--	--	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	70			<1	1		<1	<1	<1	<1	<1
Cadmium Dissolved (ug/l as Cd)		d	d	--	--		--	--	--	--	--
Calcium Dissolved (mg/l as Ca)				12	10	4.9	9.2	17	8	5.7	6.9
Chromium Total Recoverable (ug/l as Cr)				4	10	3	6	6	4	4	4
Chromium Dissolved (ug/l as Cr)				--	--	--	--	--	--	--	--
Cobalt Dissolved (ug/l as Co)				--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)				21	37	14	29	23	15	14	17
Copper, Dissolved, (ug/l as Cu)	5200	f	f	--	--	--	--	--	--	--	--
Iron, Dissolved, (ug/l as Fe)				--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS			10	20	9	17	13	8	8	9
Lead, Dissolved, (ug/l as Pb)	NNS	g	g	--	--	--	--	--	--	--	--
Lithium, Dissolved, (ug/l as Li)				--	--	--	--	--	--	--	--
Magnesium, Dissolved, (mg/l as Mg)				2.5	1.6	0.8	1.7	2.9	1.4	1.1	1.1
Manganese, Dissolved, (ug/l as Mn)				--	--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	42			<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Mercury, Dissolved, (ug/l as Hg)		2.6	0.2	--	--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)				--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	2800			11	19	6	13	16	8	8	9
Nickel, Dissolved, (ug/l as Ni)		h	h	--	--	--	--	--	--	--	--
Potassium, Dissolved, (mg/l as K)				2.1	1.3	0.8	1.7	2.2	1.7	1.2	1.5
Selenium, Total, (ug/l as Se)	420	50	2	<1	<1	<1	<1	<1	<1	<1	<1

ACDC at 43rd Avenue and Peoria	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)								
Sampling Station Identification Number				09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885
Date				8/19/95	9/6/95	11/1/96	1/31/96	7/9/96	7/14/96	1/13/97	2/27/97
Selenium, Dissolved, (ug/l as Se)				--	--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	NNS			<1	<1	<1	<1	<1	<1	<1	<1
Silver, Dissolved, (ug/l as Ag)	NNS	j	NNS	--	--	--	--	--	--	--	--
Sodium, Dissolved, (mg/l as Na)				9	5.3	2.7	4.9	11	4.5	4.3	4.2
Strontium, Dissolved, (ug/l as Sr)				--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	3700			--	--	--	--	--	--	--	--
Thallium, Dissolved, (ug/l as Tl)		700	150	--	--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)				--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	28000			280	270	160	320	350	160	150	160
Zinc, Dissolved, (ug/l as Zn)	28000	k	k	--	--	--	--	--	--	--	--
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)	4.2	2.0	NNS	--	--	--	--	--	--	--	--
BHC - ALPHA, (ug/l)	NNS	1600	130	--	--	--	--	--	--	--	--
BHC - Gamma (Lindane), (ug/l)	2500	7.6	0.61	--	--	--	--	--	--	--	--
BHC - DELTA, (ug/l)	NNS	1600	130	--	--	--	--	--	--	--	--
Aroclor 1016, PCB, Total, (ug/l)	NNS	2.0	0.01	--	--	--	--	--	--	--	--
Aroclor 1221, PCB, Total, (ug/l)	NNS	2.0	0.01	--	--	--	--	--	--	--	--
Aroclor 1232, PCB, Total, (ug/l)	NNS	2.0	0.01	--	--	--	--	--	--	--	--
Aroclor 1242, PCB, Total, (ug/l)	NNS	2.0	0.01	--	--	--	--	--	--	--	--
Aroclor 1248, PCB, Total, (ug/l)	NNS	2.0	0.01	--	--	--	--	--	--	--	--
Aroclor 1254, PCB, Total, (ug/l)	NNS	2.0	0.01	--	--	--	--	--	--	--	--
Aroclor 1260, PCB, Total, (ug/L)	NNS	2.0	0.01	--	--	--	--	--	--	--	--
Chlordane, Total, (ug/l)	110	2.1	0.21	--	--	--	--	--	--	--	--
P,P' DDD, Total, (ug/l)	NNS	1.1	0.02	--	--	--	--	--	--	--	--
P,P' DDE, Total, (ug/l)	NNS	1.1	0.02	--	--	--	--	--	--	--	--
P, P' DDT, Total, (ug/l)	700	1.1	0.001	--	--	--	--	--	--	--	--
Dieldrin, Total, (ug/l)	7	2.5	0.005	--	--	--	--	--	--	--	--
Endo-Sulfan Alpha, Total, (ug/l)	NNS	0.22	0.06	--	--	--	--	--	--	--	--
Endo-Sulfan Beta, Total, (ug/l)	NNS	0.22	0.06	--	--	--	--	--	--	--	--
Endo-Sulfan Sulfate, Total, (ug/l)	NNS	0.22	0.06	--	--	--	--	--	--	--	--
Endrin Aldehyde, Total, (ug/l)	NNS	0.2	0.08	--	--	--	--	--	--	--	--
Endrin, Total, (ug/l)	40	0.2	0.08	--	--	--	--	--	--	--	--
Heptachlor, Total, (ug/l)	20	0.58	0.013	--	--	--	--	--	--	--	--
Heptachlor Epoxide, Total, (ug/l)	2	0.58	0.013	--	--	--	--	--	--	--	--

ACDC at 43rd Avenue and Peoria	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)								
Sampling Station Identification Number				09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885
Date				8/19/95	9/6/95	11/1/96	1/31/96	7/9/96	7/14/96	1/13/97	2/27/97
Toxaphene, Total, (ug/l)	1000	0.73	0.02	--	--	--	--	--	--	--	--
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	NNS	1600	130	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	450	4700	3200	--	--	--	--	--	--	--	--
1,1,1,2-Tetrachloroethane, Total,(ug/l)				--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	4000	6500	680	--	--	--	--	--	--	--	--
1,1,1- Trichloroethane, Total, (ug/l)	13000	20000	1300	--	--	--	--	--	--	--	--
1,1,2- Trichloroethane, Total, (ug/l)	560	18000	12000	--	--	--	--	--	--	--	--
Trichloroethene, Total, (ug/l)	NNS	20000	1300	--	--	--	--	--	--	--	--
1,1- Dichloroethane, Total, (ug/l)	14000	NNS	NNS	--	--	--	--	--	--	--	--
1,1- Dichloroethene, Total, (ug/l)	1300	15000	950	--	--	--	--	--	--	--	--
1,2- Dichloroethane, Total, (ug/l)	10000	59000	41000	--	--	--	--	--	--	--	--
1,2- Dichloropropane, Total, (ug/l)	200	26000	9200	--	--	--	--	--	--	--	--
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	180000	9800	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene, (ug/l)	60	3000	1100	--	--	--	--	--	--	--	--
trans-1,2- Dichloroethene, (ug/l)	2800	68000	3900	--	--	--	--	--	--	--	--
trans-1,3- Dichloropropene, (ug/l)				--	--	--	--	--	--	--	--
Benzene, Total, (ug/l)	470	11000	700	--	--	--	--	--	--	--	--
Bromodichloromethane, Total, (ug/l)	2800	NNS	NNS	--	--	--	--	--	--	--	--
Bromoform, Total, (ug/l)	2800	15000	10000	--	--	--	--	--	--	--	--
Carbon Tetrachloride, Total, (ug/l)	8000	18000	1100	--	--	--	--	--	--	--	--
Chlorobenzene, Total, (ug/l)	2800	NNS	NNS	--	--	--	--	--	--	--	--
Chloroethane, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Chloroform, Total, (ug/l)	1400	14000	900	--	--	--	--	--	--	--	--
Ethyl-Benzene, Total, (ug/l)	64000	23000	1400	--	--	--	--	--	--	--	--
Methylene Chloride, Total, (ug/l)	27000	97000	5500	--	--	--	--	--	--	--	--
Toluene, Total, (ug/l)	42000	8700	180	--	--	--	--	--	--	--	--
Trichlorofluoromethane, Total, (ug/l)				--	--	--	--	--	--	--	--
Vinyl Chloride, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Chlorodibromomethane, Total, (ug/l)	2800	NNS	NNS	--	--	--	--	--	--	--	--
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)				--	--	--	--	--	--	--	--
Acetone, Total, (ug/l)				--	--	--	--	--	--	--	--
2-Butanone, (ug/l)				--	--	--	--	--	--	--	--
Carbon Disulfide, Total, (ug/l)				--	--	--	--	--	--	--	--
1,2 Dichloroethene, Total, (ug/l)				--	--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
2-Hexanone, Total, (ug/l)				--	--	--	--	--	--	--	--
Styrene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Acrolein, Total, (ug/l)	1300	34	30	--	--	--	--	--	--	--	--
Acrylonitirile, Total, (ug/l)				--	--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)				--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)				--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	200	5500	360	--	--	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	2800	270000	15000	--	--	--	--	--	--	--	--

ACDC at 43rd Avenue and Peoria	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)								
Sampling Station Identification Number				09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885
Date				8/19/95	9/6/95	11/1/96	1/31/96	7/9/96	7/14/96	1/13/97	2/27/97
Parachloro Toluene, Total, (ug/l)				--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)				--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	8400	850	550	--	--	--	--	--	--	--	--
Acenaphthylene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Benzidine, Total, (ug/l)	420	1300	89	--	--	--	--	--	--	--	--
Benzoic Acid, Total, (ug/l)				--	--	--	--	--	--	--	--
Benzo (a) Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Benzo (b) Fluoranthene, Total, (ug/l)				--	--	--	--	--	--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Benzo (ghi) Perylene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Benzo (a) Pyrene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Benzyl Alcohol, Total, (ug/l)				--	--	--	--	--	--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	NNS	120000	6700	--	--	--	--	--	--	--	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	5600	NNS	NNS	--	--	--	--	--	--	--	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	280000	400	360	--	--	--	--	--	--	--	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	180	14	--	--	--	--	--	--	--	--
Butyl Benzyl Phthalate, Total, (ug/l)	28000	1700	130	--	--	--	--	--	--	--	--
2-Chloronapthalene, Total, (ug/l)	11000	NNS	NNS	--	--	--	--	--	--	--	--
2-Chlorophenol, Total, (ug/l)	700	2200	150	--	--	--	--	--	--	--	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Chrysene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Di-N-Butyl Phthalate, Total, (ug/l)	14000	470	35	--	--	--	--	--	--	--	--
1,3- Dichlorobenzene, Total, (ug/l)	13000	2500	970	--	--	--	--	--	--	--	--
1,4- Dichlorobenzene, Total, (ug/l)	13000	2000	780	--	--	--	--	--	--	--	--
1,2- Dichlorobenzene, Total, (ug/l)	13000	1200	470	--	--	--	--	--	--	--	--
3,3'- Dichlorobenzidine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
2,4- Dichlorophenol, Total, (ug/l)	420	1000	88	--	--	--	--	--	--	--	--
Diethyl Phthalate, Total, (ug/l)	110000	26000	1600	--	--	--	--	--	--	--	--
2,4- Dimethylphenol, Total, (ug/l)	NNS	1100	310	--	--	--	--	--	--	--	--
Dimethyl Phthalate, Total, (ug/l)	NNS	17000	1000	--	--	--	--	--	--	--	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	NNS	310	24	--	--	--	--	--	--	--	--
2,4- Dinitrophenol, Total, (ug/l)	280	110	9.2	--	--	--	--	--	--	--	--
2,4- Dinitrotoluene, Total, (ug/l)	NNS	15000	970	--	--	--	--	--	--	--	--
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Fluoranthene, Total, (ug/l)	5600	2000	1600	--	--	--	--	--	--	--	--
Fluorene, Total, (ug/l)	5600	NNS	NNS	--	--	--	--	--	--	--	--
Hexachlorobenzene, Total, (ug/l)	100	NNS	NNS	--	--	--	--	--	--	--	--
Hexachlorobutadiene, Total, (ug/l)	280	45	8.2	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene, Total, (ug/l)	1000	3.5	0.3	--	--	--	--	--	--	--	--
Hexachloroethane, Total, (ug/l)	140	490	350	--	--	--	--	--	--	--	--

ACDC at 43rd Avenue and Peoria	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)								
Sampling Station Identification Number				09513885	09513885	09513885	09513885	09513885	09513885	09513885	09513885
Date				8/19/95	9/6/95	11/1/96	1/31/96	7/9/96	7/14/96	1/13/97	2/27/97
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Isophorone, Total, (ug/l)	28000	59000	43000	--	--	--	--	--	--	--	--
Naphthalene, Total, (ug/l)	560	3300	600	--	--	--	--	--	--	--	--
Nitrobenzene, Total, (ug/l)	70	13000	850	--	--	--	--	--	--	--	--
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
4-Nitrophenol, Total, (ug/l)	NNS	4100	3000	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine, Total, (ug/l)	NNS	2900	200	--	--	--	--	--	--	--	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
Pentachlorophenol, Total, (ug/l)	2000	I	I	--	--	--	--	--	--	--	--
Phenanthrene, Total, (ug/l)	NNS	54	6.3	--	--	--	--	--	--	--	--
Phenol, Total, (ug/l)				--	--	--	--	--	--	--	--
Pyrene, Total, (ug/l)	4200	NNS	NNS	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene, Total, (ug/l)	2800	NNS	NNS	--	--	--	--	--	--	--	--
2,4,5- Trichlorophenol, Total, (ug/l)				--	--	--	--	--	--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	NNS	160	25	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	NNS	130	11	--	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)				--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)				--	--	--	--	--	--	--	--

South bank Salt River at 27th Avenue
(USGS)

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							**09512403**	**09512403**	**09512403**	**09512403**	**09512403**	**09512403**	**09512403**
Date							**12/10/91**	**12/18/91**	**3/2/92**	**3/8/92**	**7/11/92**	**8/22/92**	**12/8/92**
Agency Collecting Sample							USGS	USGS	USGS	USGS	USGS	USGS	USGS
Agency Analyzing Sample							NWQL	NWQL	NWQL	NWQL	NWQL	NWQL	NWQL
Drainage Area (acres) (DA)							0.0703125	0.0703125	0.0703125	0.0703125	0.0703125	0.0703125	0.0703125
Impervious Area (acres) (IA)							0.010546875	0.010546875	0.010546875	0.010546875	0.010546875	0.010546875	0.010546875
Land Use - Residential							6	6	6	6	6	6	6
Land Use - Commercial							0	0	0	0	0	0	0
Land Use - Industrial							94	94	94	94	94	94	94
Land Use - Undeveloped							0	0	0	0	0	0	0
Sampling Duration (minutes)							UA	UA	UA	UA	UA	UA	UA
Storm Duration (minutes) (DRN)							660	720	1056	780	198	126	402
Runoff Sampled (MGD) (RUN)							0.08	0.1	0.05	0.05	0.09	0.04	0.13
Total Storm Runoff (cubic feet)							NA	NA	NA	NA	NA	NA	NA
Instantaneous Discharge (cfs)							3	1.2	1.8	0.63	2	2.3	2.7
Preceeding Dry Period (days) (ANT)							11	7	18	1	4	14	41
Total Storm Rainfall (inch)							UA	UA	UA	UA	UA	UA	UA
Rainfall Sampled (inch) (TRN)							0.6	0.25	0.23	0.41	0.53	0.37	0.88
Maximum 5-minute rain intensity (MAX5)							0.08	0.01	0.08	0.02	0.03	0.13	0.05
Sample Temperature (deg. C)							17.5	16	17	17	28	27.5	12.5
Effluent Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)							727	730	730	731	732	732	730
pH, Effluent (standard units)							8.4	7.8	9	8.7	8.4	8.8	7.8
pH, Lab (standard units)							7.9	7.2	7.8	7.9	7.5	7.8	--
Specific Conductance, FIELD (us/cm)							163	177	266	159	169	150	129
Specific Conductance, LAB (us/cm)							170	185	258	200	223	188	--
Oxygen Dissolved (% saturation)							80	95	92	82	95	78	100
Oxygen Dissolved (mg/l)							7.3	9	8.5	7.6	7.1	5.9	10.2
Electrical Conductivity (umhos/cm)							--	--	--	--	--	--	--
BOD5 (mg/l)							3600	270	8.5	31	33	21	12
COD High Level (mg/l)							4300	520	340	590	180	180	110
Chloride (mg/l as Cl)							13	10	27	14	17	13	9.1
Cyanide Total (mg/l as Cn)	**210000 T**	**3100 T**	**41 T**	**9.7 T**	**NNS**	**200 T**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Fecal Coliform (CFU/100mL)							3100	k11000	5500	5800	4500	5800	4500
Fecal Streptococci (CFU/100mL)							k22000	k26000	6500	6600	9800	4200	k15000
Solids Residue at 180 Deg. C (TDS) (mg/l)							110	122	158	112	138	121	70
Residue, Total at 105 Deg. C (TSS) (mg/l)							925	316	1120	1480	586	1430	1030
Nitrogen No2 + No3, Total (mg/l as N)	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	1.7	2	4.7	1.7	2.6	2.1	1.8
TKN Nitrogen (mg/l as N)							--	--	--	--	--	--	--
Nitrogen, Ammonia + Organic, Total (mg/l as N)							2.3	1.7	2.6	3	3.8	2.2	1
Nitrogen Nitrate Total (mg/l as N)	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	1.5	1.92	4.63	1.59	2.55	2.06	1.68
Nitrogen Nitrite Total (mg/l as N)	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	0.2	0.08	0.07	0.11	0.05	0.04	0.12
Nitrogen Ammonia Total (mg/l as N)							0.25	0.14	0.41	0.07	0.75	0.39	0.13
Nitrogen Organic Total (mg/l as N)							--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)							0.96	0.72	0.85	1.7	1.1	0.65	0.51

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							09512403	09512403	09512403	09512403	09512403	09512403	09512403
Date							12/10/91	12/18/91	3/2/92	3/8/92	7/11/92	8/22/92	12/8/92
Phosphorous Dissolved (mg/l as P)							0.11	0.1	0.14	0.09	0.23	0.18	0.17
Phosphorous Ortho (mg/l as P)							--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)							12	9.7	20	11	9.2	9.1	5.3
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	11 D	NNS	NNS	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	6500000	84000	54	6.3	NNS	NNS	5	<1.0	1900	8	6	9	8
Oil and Grease Total Recoverable (mg/l)							<1.0	<1.0	2	2	6	1	2
Organic Carbon, Total (mg/l)							1100	120	65	130	52	74	21
Bicarbonate Whole Field (mg/l as HCo3)							--	78	278	261	105	229	127
Bicarbonate Dissolved, Field (mg/l as HCo3)							--	46	39	49	38	34	--
Carbonate Water Field (mg/l as Co3)							0	0	0	0	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)							--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCo3)							--	64	228	214	86	188	104
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)							--	38	32	40	31	28	--
Alkalinity LAB (mg/l as CaCo3)							79	79	42	64	74	75	95
Silica Dissolved (mg/l as SiO2)							--	3.3	3	4.5	4.5	4.2	3.4
Hardness (mg/l)							--	--	--	--	--	--	--
Antimony (ug/l as Sb)	140	56			NNS	NNS	--	--	--	--	--	--	--
Antimony Dissolved (ug/l as Sb)			1000	600	NNS	NNS	--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	3.1	2800			2000	200	10	8	16	16	2	14	11
Arsenic Dissolved (ug/l as As)			360	190			--	--	--	--	--	--	--
Barium Dissolved (ug/l as Ba)	NNS	NNS	NNS	NNS	NNS	NNS	--	21	34	14	28	24	15
Beryllium Total Recoverable (ug/l as Be)	0.21	700			NNS	NNS	<10	<10	<10	<10	<10	<10	--
Beryllium Dissolved (ug/l as Be)			65	5.3	NNS	NNS	--	<0.5	<0.5	0.6	<0.5	<0.5	<0.5
Cadmium Total Recoverable (ug/l as Cd)	83	70			50	50	2	1	4	4	2	3	<2.0
Cadmium Dissolved (ug/l as Cd)			D	D			--	<1.0	<1.0	<1.0	<1.0	<1.0	2
Calcium Dissolved (mg/l as Ca)							13	16	23	16	18	16	12
Chromium Total Recoverable (ug/l as Cr)					1000	1000	47	20	25	3	25	52	34
Chromium Dissolved (ug/l as Cr)							--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Cobalt Dissolved (ug/l as Co)							--	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
Copper, Total Recoverable, (ug/l as Cu)	NNS				5000	500	--	--	200	200	50	160	100
Copper, Dissolved, (ug/l as Cu)	NNS	5200	F	F			--	10	20	10	20	20	<10.0
Iron, Dissolved, (ug/l as Fe)							--	20	32	81	140	140	170
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS			10000	100	230	120	430	380	210	300	170
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	G	G			--	<10	<10	10	<10	<10	<10
Lithium, Dissolved, (ug/l as Li)							--	4	8	10	7	7	5
Magnesium, Dissolved, (mg/l as Mg)							1.5	1.9	3	2.1	2.2	1.7	1.6
Manganese, Dissolved, (ug/l as Mn)					NNS	NNS	--	11	21	17	34	15	13
Mercury, Total Recoverable, (ug/l as Hg)	0.6	42			NNS	NNS	<0.10	<0.10	<0.10	<0.10	<0.10	0.2	<0.1
Mercury, Dissolved, (ug/l as Hg)			2.6	0.2			--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)							--	<10	<10	<10	<10	<10	<10
Nickel, Total Recoverable, (ug/l as Ni)	400	2800			NNS	NNS	58	23	53	95	40	68	68
Nickel, Dissolved, (ug/l as Ni)			H	H	NNS	NNS	--	<10	<10	<10	<10	<10	<10
Potassium, Dissolved, (mg/l as K)							3.3	3.5	5.3	4.3	6.7	4.5	2.9
Selenium, Total, (ug/l as Se)	9000	420	50	2	20	50	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0	<2.0

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							09512403	09512403	09512403	09512403	09512403	09512403	09512403
Date							12/10/91	12/18/91	3/2/92	3/8/92	7/11/92	8/22/92	12/8/92
Selenium, Dissolved, (ug/l as Se)	9000						--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	J	NNS			--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Sodium, Dissolved, (mg/l as Na)							8.9	9.3	15	11	11	8.2	7.5
Strontium, Dissolved, (ug/l as Sr)							--	170	210	140	140	120	82
Thallium, Total, (ug/l as Tl)	44	3700					--	<10	<500	<10	<10	<10	--
Thallium, Dissolved, (ug/l as Tl)			700	150			--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)							--	<6.0	6	6	10	9	<6.0
Zinc, Total Recoverable, (ug/l as Zn)		28000			10000	25000	450	230	690	720	310	680	340
Zinc, Dissolved, (ug/l as Zn)		28000	K	K			--	5	<3	7	8	4	<3.0
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)	0.0003	4.2	2.0	NNS	L	L	--	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
BHC - ALPHA, (ug/l)	0.03	NNS	1600	130	NNS	NNS	--	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
BHC - Gamma (Lindane), (ug/l)	0.02	2500	7.6	0.61	NNS	NNS	--	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
BHC - DELTA, (ug/l)	NNS	NNS	1600	130	NNS	NNS	--	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	<0.1	0.3	0.3	<0.1	<0.1	<0.1
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.01	0.001	0.001	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chlordane, Total, (ug/l)	0.001	110	2.1	0.21	NNS	NNS	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	NNS	NNS	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.02	NNS	NNS	--	0.14	0.67	1.1	0.35	<0.04	0.4
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.001	NNS	NNS	--	<0.1	0.1	<0.1	<0.1	<0.1	0.1
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.005	L	L	--	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	--	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.06	NNS	NNS	--	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	NNS	NNS	--	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Endrin, Total, (ug/l)	1.1	40	0.2	0.08	0.004	0.004	--	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060
Heptachlor, Total, (ug/l)	0.002	20	0.58	0.013	NNS	NNS	--	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.58	0.013	NNS	NNS	--	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							09512403	09512403	09512403	09512403	09512403	09512403	09512403
Date							12/10/91	12/18/91	3/2/92	3/8/92	7/11/92	8/22/92	12/8/92
Toxaphene, Total, (ug/l)	0.008	1000	0.73	0.02	0.005	0.005	--	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	130	NNS	NNS	--	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700	3200	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,1,2-Tetrachloroethane, Total,(ug/l)							<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	680	NNS	NNS	--	--	--	--	--	--	--
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	20000	1300	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	12000	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Trichloroethene, Total, (ug/l)	78	NNS	20000	1300	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	15000	950	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	41000	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9200	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	9800	NNS	NNS	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	1100	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000	3900	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
trans-1,3- Dichloropropene, (ug/l)							<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzene, Total, (ug/l)	120	470	11000	700	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	NNS	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Bromoform, Total, (ug/l)	80	2800	15000	10000	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	1100	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorobenzene, Total, (ug/l)	500	2800	NNS	NNS	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chloroethane, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chloroform, Total, (ug/l)	590	1400	14000	900	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	1400	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methylene Chloride, Total, (ug/l)	480	27000	97000	5500	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene, Total, (ug/l)	90000	42000	8700	180	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Trichlorofluoromethane, Total, (ug/l)							<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS	NNS	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--	--	--	--	--	--	--
Acetone, Total, (ug/l)							--	--	--	--	--	--	--
2-Butanone, (ug/l)							--	--	--	--	--	--	--
Carbon Disulfide, Total, (ug/l)							--	--	--	--	--	--	--
1,2 Dichloroethene, Total, (ug/l)							<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Xylenes, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	<0.2
2-Hexanone, Total, (ug/l)							--	--	--	--	--	--	--
Styrene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Acrolein, Total, (ug/l)	750	1300	34	30	NNS	NNS	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0
Acrylonitirile, Total, (ug/l)							<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0
Bromobenzene, Water Whole, Total, (ug/l)							<3.0	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,3-Dichloropropane, Water Whole, Total, (ug/l)							<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methyl Bromide, Total, (ug/l)	7500	200	5500	360	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methyl Chloride, Total, (ug/l)	1800	2800	270000	15000	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							09512403	09512403	09512403	09512403	09512403	09512403	09512403
Date							12/10/91	12/18/91	3/2/92	3/8/92	7/11/92	8/22/92	12/8/92
Parachloro Toluene, Total, (ug/l)							<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Dibromoethane, Total, (ug/l)							--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acenaphthene, Total, (ug/l)	2600	8400	850	550	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Anthracene, Total, (ug/l)	6300	NNS	NNS	NNS	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Benzidine, Total, (ug/l)	0.0007	420	1300	89	NNS	NNS	--	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0
Benzoic Acid, Total, (ug/l)							--	--	--	--	--	--	--
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS	NNS	NNS	NNS	--	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Benzo (b) Fluoranthene, Total, (ug/l)							--	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Benzo (k) Fluoranthene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	--	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Benzo (ghi) Perylene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	--	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	--	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Benzyl Alcohol, Total, (ug/l)							--	--	--	--	--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	6700	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	NNS	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	360	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	5	<5.0
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	14	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	130	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Chloronapthalene, Total, (ug/l)	13000	11000	NNS	NNS	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Chlorophenol, Total, (ug/l)	2100	700	2200	150	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	--	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	35	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	970	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	780	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	470	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	NNS	NNS	NNS	--	<20	<20	<20	<20	<20	<20
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	88	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	1600	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1100	310	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	1000	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	24	NNS	NNS	--	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	9.2	NNS	NNS	--	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	970	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Fluoranthene, Total, (ug/l)	130	5600	2000	1600	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	NNS	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	8.2	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	0.3	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Hexachloroethane, Total, (ug/l)	4.8	140	490	350	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							09512403	09512403	09512403	09512403	09512403	09512403	09512403
Date							12/10/91	12/18/91	3/2/92	3/8/92	7/11/92	8/22/92	12/8/92
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	NNS	NNS	NNS	--	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Isophorone, Total, (ug/l)	520	28000	59000	43000	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene, Total, (ug/l)	NNS	560	3300	600	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Nitrobenzene, Total, (ug/l)	600	70	13000	850	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	3000	NNS	NNS	--	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	200	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	NNS	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pentachlorophenol, Total, (ug/l)	29000	2000	I	I	NNS	NNS	--	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0
Phenanthrene, Total, (ug/l)	0.0005	NNS	54	6.3	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Phenol, Total, (ug/l)							--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Pyrene, Total, (ug/l)	1100	4200	NNS	NNS	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	NNS	NNS	NNS	NNS	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
2,4,5- Trichlorophenol, Total, (ug/l)							--	--	--	--	--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	25	NNS	NNS	--	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0
N-Nitrosodimethylamine, Total, (ug/l)	2.1	NNS	NNS	NNS	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,2- Diphenylhydrazine, Total, (ug/l)	0.25	NNS	130	11	NNS	NNS	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dichlorodifluoromethane, Total, (ug/l)							<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Parachloro-Meta-Cresol, Total, (ug/l)							--	<30.0	<30.0	<30.0	<30.0	<30.0	<30.0

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							**09512403**	**09512403**	**09512403**	**09512403**	**09512403**	**09512403**	**09512403**
Date							**11/13/93**	**2/7/94**	**3/25/94**	**10/15/94**	**12/5/94**	**1/4/95**	**11/1/95**
Agency Collecting Sample							USGS	USGS	USGS	USGS	USGS	USGS	USGS
Agency Analyzing Sample							NWQL	NWQL	NWQL	NWQL	NWQL	NWQL	NWQL
Drainage Area (acres) (DA)							0.0703125	0.0703125	0.0703125	0.0703125	0.0703125	0.0703125	0.0703125
Impervious Area (acres) (IA)							0.010546875	0.010546875	0.010546875	0.010546875	0.010546875	0.010546875	0.010546875
Land Use - Residential							6	6	6	6	6	6	6
Land Use - Commercial							0	0	0	0	0	0	0
Land Use - Industrial							94	94	94	94	94	94	94
Land Use - Undeveloped							0	0	0	0	0	0	0
Sampling Duration (minutes)							UA	UA	UA	UA	UA	UA	UA
Storm Duration (minutes) (DRN)							336	414	168	132	1134	846	132
Runoff Sampled (MGD) (RUN)							0.04	0.02	0.02	0.02	0.08	0.03	0.24
Total Storm Runoff (cubic feet)							NA	NA	NA	NA	NA	NA	NA
Instantaneous Discharge (cfs)							0.71	0.33	0.96	1.3	0.5	0.5	8.1
Preceeding Dry Period (days) (ANT)							1.6	83	6	22	49	5	53
Total Storm Rainfall (inch)							UA	UA	UA	UA	UA	UA	UA
Rainfall Sampled (inch) (TRN)							0.38	0.46	0.23	0.33	0.51	0.74	0.46
Maximum 5-minute rain intensity (MAX5)							0.03	0.02	0.02	0.08	0.02	0.03	0.07
Sample Temperature (deg. C)							15.5	15	16.5	21	17	16.5	17.5
Effluent Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)							727	--	--	730	734	723	730
pH, Effluent (standard units)							8.4	7.4	8.2	8.5	7.5	8.5	9.3
pH, Lab (standard units)							7.8	7.1	7	6.4	7.6	7.7	7.2
Specific Conductance, FIELD (us/cm)							147	193	139	197	175	209	144
Specific Conductance, LAB (us/cm)							151	230	208	181	827	234	235
Oxygen Dissolved (% saturation)							--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)							--	--	--	7.6	6.8	9.6	8.5
Electrical Conductivity (umhos/cm)							--	--	--	--	--	--	--
BOD5 (mg/l)							--	--	--	--	--	--	--
COD High Level (mg/l)							--	140	220	310	18	240	300
Chloride (mg/l as Cl)							--	22	16	17	130	18	17
Cyanide Total (mg/l as Cn)	**210000 T**	**3100 T**	**41 T**	**9.7 T**	**NNS**	**200 T**	--	<0.010	<0.010	<0.010	<0.010	0.01	0.01
Fecal Coliform (CFU/100mL)							--	--	--	--	--	--	--
Fecal Streptococci (CFU/100mL)							--	--	--	--	--	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)							--	143	124	128	464	143	155
Residue, Total at 105 Deg. C (TSS) (mg/l)							216	168	524	1230	8	916	960
Nitrogen No2 + No3, Total (mg/l as N)	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	--	0.48	2	1.9	4.2	3.5	2.6
TKN Nitrogen (mg/l as N)							--	--	--	--	--	--	--
Nitrogen, Ammonia + Organic, Total (mg/l as N)							--	1.4	3.4	3.9	5	4.7	7.2
Nitrogen Nitrate Total (mg/l as N)	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	--	0.43	1.92	1.81	3.92	3.33	2.52
Nitrogen Nitrite Total (mg/l as N)	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	--	0.05	0.08	0.09	0.28	0.17	0.08
Nitrogen Ammonia Total (mg/l as N)							--	0.21	0.31	0.69	0.44	0.03	2
Nitrogen Organic Total (mg/l as N)							--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)							--	0.74	0.8	1.1	1.8	1.7	1.8

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							09512403	09512403	09512403	09512403	09512403	09512403	09512403
Date							11/13/93	2/7/94	3/25/94	10/15/94	12/5/94	1/4/95	11/1/95
Phosphorous Dissolved (mg/l as P)							--	0.18	0.16	0.21	0.14	0.07	0.24
Phosphorous Ortho (mg/l as P)							--	--	--	0.54	0.26	0.16	0.38
Sulfate Dissolved (mg/l)							--	11	8.8	13	61	15	16
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	11 D	NNS	NNS	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	6500000	84000	54	6.3	NNS	NNS	--	52	11	9	1	4	13
Oil and Grease Total Recoverable (mg/l)							4	6	4	2	<1	1	<1
Organic Carbon, Total (mg/l)							31	17	44	80	4.7	63	95
Bicarbonate Whole Field (mg/l as HCo3)							98	--	112	220	203	159	164
Bicarbonate Dissolved, Field (mg/l as HCo3)							38	43	38	37	70	63	34
Carbonate Water Field (mg/l as Co3)							0	0	0	0	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)							--	--	--	0	0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)							80	--	92	180	166	130	135
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)							31	36	31	30	57	52	28
Alkalinity LAB (mg/l as CaCo3)							--	45	71	91	148	100	74
Silica Dissolved (mg/l as SiO2)							3.1	3.6	3.9	--	--	--	--
Hardness (mg/l)							--	--	--	--	--	--	--
Antimony (ug/l as Sb)	140	56			NNS	NNS	--	--	--	--	--	--	--
Antimony Dissolved (ug/l as Sb)			1000	600	NNS	NNS	--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	3.1	2800			2000	200	--	5	9	13	5	16	16
Arsenic Dissolved (ug/l as As)			360	190			--	--	--	--	--	--	--
Barium Dissolved (ug/l as Ba)	NNS	NNS	NNS	NNS	NNS	NNS	16	28	22	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	0.21	700			NNS	NNS	--	<10	<10	<10	<10	<10	<10
Beryllium Dissolved (ug/l as Be)			65	5.3	NNS	NNS	<0.5	0.6	<0.5	--	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	83	70			50	50	--	<1	2	3	<1	3	3
Cadmium Dissolved (ug/l as Cd)			D	D			2	1	<1.0	--	--	--	--
Calcium Dissolved (mg/l as Ca)							13	19	16	18	35	22	19
Chromium Total Recoverable (ug/l as Cr)					1000	1000	--	8	22	40	3	28	37
Chromium Dissolved (ug/l as Cr)							<5.0	<5.0	<5.0	--	--	--	--
Cobalt Dissolved (ug/l as Co)							<3.0	<3.0	<3.0	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	NNS				5000	500	--	37	72	22	2	130	120
Copper, Dissolved, (ug/l as Cu)	NNS	5200	F	F			10	20	20	--	--	--	--
Iron, Dissolved, (ug/l as Fe)							29	16	70	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS			10000	100	--	51	170	310	2	350	270
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	G	G			<10	<10	<10	--	--	--	--
Lithium, Dissolved, (ug/l as Li)							7	7	8	--	--	--	--
Magnesium, Dissolved, (mg/l as Mg)							1.6	2.7	2.2	2.4	28	2.8	2.5
Manganese, Dissolved, (ug/l as Mn)					NNS	NNS	13	22	18	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	0.6	42			NNS	NNS	<0.1	<0.1	0.1	0.1	<0.10	0.1	<0.10
Mercury, Dissolved, (ug/l as Hg)			2.6	0.2			--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)							<10	<10	<10	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	400	2800			NNS	NNS	--	12	32	69	1	64	59
Nickel, Dissolved, (ug/l as Ni)			H	H	NNS	NNS	<10	<10	<10	--	--	--	--
Potassium, Dissolved, (mg/l as K)							--	4	3.9	4.7	3.5	3.7	5.5
Selenium, Total, (ug/l as Se)	9000	420	50	2	20	50	--	<1.0	<1.0	<1	<1	<1	<1

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							09512403	09512403	09512403	09512403	09512403	09512403	09512403
Date							11/13/93	2/7/94	3/25/94	10/15/94	12/5/94	1/4/95	11/1/95
Selenium, Dissolved, (ug/l as Se)	9000						--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS					--	<1.0	<1.0	<1	<1	<1	<1
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	J	NNS			<1.0	<1.0	<1.0	--	--	--	--
Sodium, Dissolved, (mg/l as Na)							9.3	14	10	13	87	15	13
Strontium, Dissolved, (ug/l as Sr)							99	150	130	--	--	--	--
Thallium, Total, (ug/l as Tl)	44	3700					--	--	--	--	--	--	--
Thallium, Dissolved, (ug/l as Tl)			700	150			--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)							<6.0	<6.0	9	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)		28000			10000	25000	--	170	350	710	<10	520	1400
Zinc, Dissolved, (ug/l as Zn)		28000	K	K			5	4	9	--	--	--	--
Diazinon, Total, (ug/l)							0.2	0.48	<0.20	--	--	--	--
Ethion, Total, (ug/l)							<0.01	<0.01	<0.01	--	--	--	--
Malathion, Total, (ug/l)							0.03	0.08	<0.01	--	--	--	--
Methyl Parathion, Total, (ug/l)							<0.01	<0.01	<0.01	--	--	--	--
Parathion, Total, (ug/l)							<0.01	<0.01	<0.01	--	--	--	--
Trithion, Total, (ug/l)							<0.01	<0.01	<0.01	--	--	--	--
Di-syston, Total, (ug/l)							<0.01	<0.01	<0.01	--	--	--	--
Phorate, Total, (ug/l)							<0.01	0.02	<0.01	--	--	--	--
Chlorpyrifos, Total, (ug/l)							<0.01	0.01	<0.01	--	--	--	--
DEF, Total, (ug/l)							0.11	0.05	<0.01	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)							<0.01	--	<0.01	--	--	--	--
Aldrin, Total, (ug/l)	0.0003	4.2	2.0	NNS	L	L	--	--	--	--	--	--	--
BHC - ALPHA, (ug/l)	0.03	NNS	1600	130	NNS	NNS	--	--	--	--	--	--	--
BHC - Gamma (Lindane), (ug/l)	0.02	2500	7.6	0.61	NNS	NNS	--	--	--	--	--	--	--
BHC - DELTA, (ug/l)	NNS	NNS	1600	130	NNS	NNS	--	--	--	--	--	--	--
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	--	--	--
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	--	--	--
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	--	--	--
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	--	--	--
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	--	--	--
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	--	--	--
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	--	--	--
Chlordane, Total, (ug/l)	0.001	110	2.1	0.21	NNS	NNS	--	--	--	--	--	--	--
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	NNS	NNS	--	--	--	--	--	--	--
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.02	NNS	NNS	--	--	--	--	--	--	--
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.001	NNS	NNS	--	--	--	--	--	--	--
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.005	L	L	--	--	--	--	--	--	--
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	--	--	--	--	--	--	--
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	--	--	--	--	--	--	--
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.06	NNS	NNS	--	--	--	--	--	--	--
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	NNS	NNS	--	--	--	--	--	--	--
Endrin, Total, (ug/l)	1.1	40	0.2	0.08	0.004	0.004	--	--	--	--	--	--	--
Heptachlor, Total, (ug/l)	0.002	20	0.58	0.013	NNS	NNS	--	--	--	--	--	--	--
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.58	0.013	NNS	NNS	--	--	--	--	--	--	--

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							09512403	09512403	09512403	09512403	09512403	09512403	09512403
Date							11/13/93	2/7/94	3/25/94	10/15/94	12/5/94	1/4/95	11/1/95
Toxaphene, Total, (ug/l)	0.008	1000	0.73	0.02	0.005	0.005	--	--	--	--	--	--	--
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	130	NNS	NNS	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700	3200	NNS	NNS	--	--	--	--	--	--	--
1,1,1,2-Tetrachloroethane, Total,(ug/l)							--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	680	NNS	NNS	--	--	--	--	--	--	--
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	20000	1300	NNS	NNS	--	--	--	--	--	--	--
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	12000	NNS	NNS	--	--	--	--	--	--	--
Trichloroethene, Total, (ug/l)	78	NNS	20000	1300	NNS	NNS	--	--	--	--	--	--	--
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	15000	950	NNS	NNS	--	--	--	--	--	--	--
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	41000	NNS	NNS	--	--	--	--	--	--	--
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9200	NNS	NNS	--	--	--	--	--	--	--
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	9800	NNS	NNS	--	--	--	--	--	--	--
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	1100	NNS	NNS	--	--	--	--	--	--	--
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000	3900	NNS	NNS	--	--	--	--	--	--	--
trans-1,3- Dichloropropene, (ug/l)							--	--	--	--	--	--	--
Benzene, Total, (ug/l)	120	470	11000	700	NNS	NNS	--	--	--	--	--	--	--
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Bromoform, Total, (ug/l)	80	2800	15000	10000	NNS	NNS	--	--	--	--	--	--	--
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	1100	NNS	NNS	--	--	--	--	--	--	--
Chlorobenzene, Total, (ug/l)	500	2800	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Chloroethane, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Chloroform, Total, (ug/l)	590	1400	14000	900	NNS	NNS	--	--	--	--	--	--	--
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	1400	NNS	NNS	--	--	--	--	--	--	--
Methylene Chloride, Total, (ug/l)	480	27000	97000	5500	NNS	NNS	--	--	--	--	--	--	--
Toluene, Total, (ug/l)	90000	42000	8700	180	NNS	NNS	--	--	--	--	--	--	--
Trichlorofluoromethane, Total, (ug/l)							--	--	--	--	--	--	--
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--	--	--	--	--	--	--
Acetone, Total, (ug/l)							--	--	--	--	--	--	--
2-Butanone, (ug/l)							--	--	--	--	--	--	--
Carbon Disulfide, Total, (ug/l)							--	--	--	--	--	--	--
1,2 Dichloroethene, Total, (ug/l)							--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
2-Hexanone, Total, (ug/l)							--	--	--	--	--	--	--
Styrene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Acrolein, Total, (ug/l)	750	1300	34	30	NNS	NNS	--	--	--	--	--	--	--
Acrylonitirile, Total, (ug/l)							--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)							--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)							--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	7500	200	5500	360	NNS	NNS	--	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	1800	2800	270000	15000	NNS	NNS	--	--	--	--	--	--	--

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							09512403	09512403	09512403	09512403	09512403	09512403	09512403
Date							11/13/93	2/7/94	3/25/94	10/15/94	12/5/94	1/4/95	11/1/95
Parachloro Toluene, Total, (ug/l)							--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)							--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	2600	8400	850	550	NNS	NNS	--	--	--	--	--	--	--
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Anthracene, Total, (ug/l)	6300	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Benzidine, Total, (ug/l)	0.0007	420	1300	89	NNS	NNS	--	--	--	--	--	--	--
Benzoic Acid, Total, (ug/l)							--	--	--	--	--	--	--
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Benzo (b) Fluoranthene, Total, (ug/l)							--	--	--	--	--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Benzo (ghi) Perylene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Benzyl Alcohol, Total, (ug/l)							--	--	--	--	--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	6700	NNS	NNS	--	--	--	--	--	--	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	360	NNS	NNS	--	--	--	--	--	--	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	14	NNS	NNS	--	--	--	--	--	--	--
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	130	NNS	NNS	--	--	--	--	--	--	--
2-Chloronapthalene, Total, (ug/l)	13000	11000	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
2-Chlorophenol, Total, (ug/l)	2100	700	2200	150	NNS	NNS	--	--	--	--	--	--	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	35	NNS	NNS	--	--	--	--	--	--	--
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	970	NNS	NNS	--	--	--	--	--	--	--
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	780	NNS	NNS	--	--	--	--	--	--	--
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	470	NNS	NNS	--	--	--	--	--	--	--
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	88	NNS	NNS	--	--	--	--	--	--	--
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	1600	NNS	NNS	--	--	--	--	--	--	--
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1100	310	NNS	NNS	--	--	--	--	--	--	--
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	1000	NNS	NNS	--	--	--	--	--	--	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	24	NNS	NNS	--	--	--	--	--	--	--
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	9.2	NNS	NNS	--	--	--	--	--	--	--
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	970	NNS	NNS	--	--	--	--	--	--	--
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Fluoranthene, Total, (ug/l)	130	5600	2000	1600	NNS	NNS	--	--	--	--	--	--	--
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	8.2	NNS	NNS	--	--	--	--	--	--	--
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	0.3	NNS	NNS	--	--	--	--	--	--	--
Hexachloroethane, Total, (ug/l)	4.8	140	490	350	NNS	NNS	--	--	--	--	--	--	--

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							09512403	09512403	09512403	09512403	09512403	09512403	09512403
Date							11/13/93	2/7/94	3/25/94	10/15/94	12/5/94	1/4/95	11/1/95
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Isophorone, Total, (ug/l)	520	28000	59000	43000	NNS	NNS	--	--	--	--	--	--	--
Naphthalene, Total, (ug/l)	NNS	560	3300	600	NNS	NNS	--	--	--	--	--	--	--
Nitrobenzene, Total, (ug/l)	600	70	13000	850	NNS	NNS	--	--	--	--	--	--	--
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	3000	NNS	NNS	--	--	--	--	--	--	--
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	200	NNS	NNS	--	--	--	--	--	--	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Pentachlorophenol, Total, (ug/l)	29000	2000	I	I	NNS	NNS	--	--	--	--	--	--	--
Phenanthrene, Total, (ug/l)	0.0005	NNS	54	6.3	NNS	NNS	--	--	--	--	--	--	--
Phenol, Total, (ug/l)							--	--	--	--	--	--	--
Pyrene, Total, (ug/l)	1100	4200	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
2,4,5- Trichlorophenol, Total, (ug/l)							--	--	--	--	--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	25	NNS	NNS	--	--	--	--	--	--	--
N-Nitrosodimethylamine, Total, (ug/l)	2.1	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	0.25	NNS	130	11	NNS	NNS	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)							--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)							--	--	--	--	--	--	--

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							09512403	09512403	09512403	09512403	09512403	09512403	09512403
Date							2/1/96	2/25/96	3/14/96	7/6/96	7/9/96	7/25/96	1/13/97
Agency Collecting Sample							USGS	USGS	USGS	USGS	USGS	USGS	USGS
Agency Analyzing Sample							NWQL	NWQL	NWQL	NWQL	NWQL	NWQL	NWQL
Drainage Area (acres) (DA)							0.0703125	0.0703125	0.0703125	0.0703125	0.0703125	0.0703125	0.0703125
Impervious Area (acres) (IA)							0.010546875	0.010546875	0.010546875	0.010546875	0.010546875	0.010546875	0.010546875
Land Use - Residential							6	6	6	6	6	6	6
Land Use - Commercial							0	0	0	0	0	0	0
Land Use - Industrial							94	94	94	94	94	94	94
Land Use - Undeveloped							0	0	0	0	0	0	0
Sampling Duration (minutes)							UA	UA	UA	UA	UA	UA	UA
Storm Duration (minutes) (DRN)							804	84	978	50	108	90	102
Runoff Sampled (MGD) (RUN)							0.02	0.06	0.05	0.09	0.08	0.03	0.04
Total Storm Runoff (cubic feet)							NA	NA	NA	NA	NA	NA	NA
Instantaneous Discharge (cfs)							0.71	1.3	0.71	7.1	7.1	2.7	1.3
Preceeding Dry Period (days) (ANT)							8	24	16	114	2	10	44
Total Storm Rainfall (inch)							UA	UA	UA	UA	UA	UA	UA
Rainfall Sampled (inch) (TRN)							0.17	0.35	0.4	0.4	0.5	0.37	0.5
Maximum 5-minute rain intensity (MAX5)							0.07	0.05	0.03	0.11	0.1	0.08	0.04
Sample Temperature (deg. C)							15	14	15	29	27	27.5	14
Effluent Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)							NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)							725	727	726	728	729	740	731
pH, Effluent (standard units)							8.4	8.9	7.5	7.7	7.8	7.1	8.1
pH, Lab (standard units)							7.9	7.7	7.5	7.9	7.8	7.5	8
Specific Conductance, FIELD (us/cm)							269	206	195	300	196	156	135
Specific Conductance, LAB (us/cm)							290	229	248	297	186	169	160
Oxygen Dissolved (% saturation)							--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)							--	--	--	--	5.2	--	--
Electrical Conductivity (umhos/cm)							--	--	--	--	--	--	--
BOD5 (mg/l)							--	--	--	--	--	--	--
COD High Level (mg/l)							640	250	250	530	280	250	150
Chloride (mg/l as Cl)							21	24	21	21	10	13	16
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T	9.7 T	NNS	200 T	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Fecal Coliform (CFU/100mL)							--	--	--	--	--	--	--
Fecal Streptococci (CFU/100mL)							--	--	--	--	--	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)							174	161	137	235	122	131	94
Residue, Total at 105 Deg. C (TSS) (mg/l)							2160	562	712	2560	1400	860	1000
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	2.6	3.6	3.3	3.6	2.1	2.1	1.3
TKN Nitrogen (mg/l as N)							--	--	--	--	--	--	--
Nitrogen, Ammonia + Organic, Total (mg/l as N)							8.8	4.8	3.5	12	6.1	5	4.2
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	2.31	3.54	3.17	3.55	2.02	2.04	1.22
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.29	0.06	0.13	0.05	0.08	0.06	0.08
Nitrogen Ammonia Total (mg/l as N)							0.61	1.2	0.59	2.2	1.8	0.6	0.72
Nitrogen Organic Total (mg/l as N)							--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)							4.4	1.4	1.3	7.9	4.5	1.6	1.9

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							09512403	09512403	09512403	09512403	09512403	09512403	09512403
Date							2/1/96	2/25/96	3/14/96	7/6/96	7/9/96	7/25/96	1/13/97
Phosphorous Dissolved (mg/l as P)							0.15	0.18	0.14	0.34	0.19	0.2	0.16
Phosphorous Ortho (mg/l as P)							0.12	0.22	0.96	0.33	0.33	0.18	0.49
Sulfate Dissolved (mg/l)							17	14	9.9	24	11	10	13
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	11 D	NNS	NNS	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	6500000	84000	54	6.3	NNS	NNS	16	11	9	11	6	8	2
Oil and Grease Total Recoverable (mg/l)							4	<1	3	9	2	11	6
Organic Carbon, Total (mg/l)							100	69	66	200	96	85	24
Bicarbonate Whole Field (mg/l as HCo3)							443	125	137	402	171	168	126
Bicarbonate Dissolved, Field (mg/l as HCo3)							51	31	49	44	33	48	30
Carbonate Water Field (mg/l as Co3)							0	0	0	2	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)							0	10	0	0	0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)							363	103	112	334	140	138	103
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)							42	41	40	36	27	39	25
Alkalinity LAB (mg/l as CaCo3)							92	51	75	118	85	87	101
Silica Dissolved (mg/l as SiO2)							--	--	--	--	--	--	--
Hardness (mg/l)							--	--	--	--	--	--	--
Antimony (ug/l as Sb)	140	56			NNS	NNS	--	--	--	--	--	--	--
Antimony Dissolved (ug/l as Sb)			1000	600	NNS	NNS	--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	3.1	2800			2000	200	23	14	20	33	24	16	16
Arsenic Dissolved (ug/l as As)			360	190			--	--	--	--	--	--	--
Barium Dissolved (ug/l as Ba)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	0.21	700			NNS	NNS	<10	<10	<10	<10	<10	<10	<10
Beryllium Dissolved (ug/l as Be)			65	5.3	NNS	NNS	--	--	--	--	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	83	70			50	50	6	2	2	6	3	3	2
Cadmium Dissolved (ug/l as Cd)			D	D			--	--	--	--	--	--	--
Calcium Dissolved (mg/l as Ca)							21	18	19	23	14	18	11
Chromium Total Recoverable (ug/l as Cr)					1000	1000	56	21	23	54	34	27	22
Chromium Dissolved (ug/l as Cr)							--	--	--	--	--	--	--
Cobalt Dissolved (ug/l as Co)							--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	NNS				5000	500	230	91	110	220	140	94	89
Copper, Dissolved, (ug/l as Cu)	NNS	5200	F	F			--	--	--	--	--	--	--
Iron, Dissolved, (ug/l as Fe)							--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS			10000	100	540	140	150	520	310	220	200
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	G	G			--	--	--	--	--	--	--
Lithium, Dissolved, (ug/l as Li)							--	--	--	--	--	--	--
Magnesium, Dissolved, (mg/l as Mg)							2.8	2.5	2.7	3.5	1.9	2.2	2.1
Manganese, Dissolved, (ug/l as Mn)					NNS	NNS	--	--	--	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	0.6	42			NNS	NNS	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Mercury, Dissolved, (ug/l as Hg)			2.6	0.2			--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)							--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	400	2800			NNS	NNS	89	52	42	110	71	47	44
Nickel, Dissolved, (ug/l as Ni)			H	H	NNS	NNS	--	--	--	--	--	--	--
Potassium, Dissolved, (mg/l as K)							5.9	4.6	3.9	7.3	3.8	4.7	3.2
Selenium, Total, (ug/l as Se)	9000	420	50	2	20	50	<1	<1	<20	<1	<1	<1	<20

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							09512403	09512403	09512403	09512403	09512403	09512403	09512403
Date							2/1/96	2/25/96	3/14/96	7/6/96	7/9/96	7/25/96	1/13/97
Selenium, Dissolved, (ug/l as Se)	9000						--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS					<1	<1	<1	<1	<1	<1	<1
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	J	NNS			--	--	--	--	--	--	--
Sodium, Dissolved, (mg/l as Na)							17	14	17	15	8.2	9.3	11
Strontium, Dissolved, (ug/l as Sr)							--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	44	3700					--	--	--	--	--	--	--
Thallium, Dissolved, (ug/l as Tl)			700	150			--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)							--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)		28000			10000	25000	1300	340	400	1300	730	370	420
Zinc, Dissolved, (ug/l as Zn)		28000	K	K			--	--	--	--	--	--	--
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)	0.0003	4.2	2.0	NNS	L	L	--	--	--	--	--	--	--
BHC - ALPHA, (ug/l)	0.03	NNS	1600	130	NNS	NNS	--	--	--	--	--	--	--
BHC - Gamma (Lindane), (ug/l)	0.02	2500	7.6	0.61	NNS	NNS	--	--	--	--	--	--	--
BHC - DELTA, (ug/l)	NNS	NNS	1600	130	NNS	NNS	--	--	--	--	--	--	--
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	--	--	--
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	--	--	--
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	--	--	--
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	--	--	--
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	--	--	--
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	--	--	--
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--	--	--	--	--
Chlordane, Total, (ug/l)	0.001	110	2.1	0.21	NNS	NNS	--	--	--	--	--	--	--
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	NNS	NNS	--	--	--	--	--	--	--
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.02	NNS	NNS	--	--	--	--	--	--	--
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.001	NNS	NNS	--	--	--	--	--	--	--
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.005	L	L	--	--	--	--	--	--	--
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	--	--	--	--	--	--	--
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	--	--	--	--	--	--	--
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.06	NNS	NNS	--	--	--	--	--	--	--
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	NNS	NNS	--	--	--	--	--	--	--
Endrin, Total, (ug/l)	1.1	40	0.2	0.08	0.004	0.004	--	--	--	--	--	--	--
Heptachlor, Total, (ug/l)	0.002	20	0.58	0.013	NNS	NNS	--	--	--	--	--	--	--
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.58	0.013	NNS	NNS	--	--	--	--	--	--	--

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							09512403	09512403	09512403	09512403	09512403	09512403	09512403
Date							2/1/96	2/25/96	3/14/96	7/6/96	7/9/96	7/25/96	1/13/97
Toxaphene, Total, (ug/l)	0.008	1000	0.73	0.02	0.005	0.005	--	--	--	--	--	--	--
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	130	NNS	NNS	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700	3200	NNS	NNS	--	--	--	--	--	--	--
1,1,1,2-Tetrachloroethane, Total,(ug/l)							--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	680	NNS	NNS	--	--	--	--	--	--	--
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	20000	1300	NNS	NNS	--	--	--	--	--	--	--
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	12000	NNS	NNS	--	--	--	--	--	--	--
Trichloroethene, Total, (ug/l)	78	NNS	20000	1300	NNS	NNS	--	--	--	--	--	--	--
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	15000	950	NNS	NNS	--	--	--	--	--	--	--
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	41000	NNS	NNS	--	--	--	--	--	--	--
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9200	NNS	NNS	--	--	--	--	--	--	--
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	9800	NNS	NNS	--	--	--	--	--	--	--
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	1100	NNS	NNS	--	--	--	--	--	--	--
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000	3900	NNS	NNS	--	--	--	--	--	--	--
trans-1,3- Dichloropropene, (ug/l)							--	--	--	--	--	--	--
Benzene, Total, (ug/l)	120	470	11000	700	NNS	NNS	--	--	--	--	--	--	--
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Bromoform, Total, (ug/l)	80	2800	15000	10000	NNS	NNS	--	--	--	--	--	--	--
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	1100	NNS	NNS	--	--	--	--	--	--	--
Chlorobenzene, Total, (ug/l)	500	2800	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Chloroethane, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Chloroform, Total, (ug/l)	590	1400	14000	900	NNS	NNS	--	--	--	--	--	--	--
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	1400	NNS	NNS	--	--	--	--	--	--	--
Methylene Chloride, Total, (ug/l)	480	27000	97000	5500	NNS	NNS	--	--	--	--	--	--	--
Toluene, Total, (ug/l)	90000	42000	8700	180	NNS	NNS	--	--	--	--	--	--	--
Trichlorofluoromethane, Total, (ug/l)							--	--	--	--	--	--	--
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--	--	--	--	--	--	--
Acetone, Total, (ug/l)							--	--	--	--	--	--	--
2-Butanone, (ug/l)							--	--	--	--	--	--	--
Carbon Disulfide, Total, (ug/l)							--	--	--	--	--	--	--
1,2 Dichloroethene, Total, (ug/l)							--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
2-Hexanone, Total, (ug/l)							--	--	--	--	--	--	--
Styrene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Acrolein, Total, (ug/l)	750	1300	34	30	NNS	NNS	--	--	--	--	--	--	--
Acrylonitirile, Total, (ug/l)							--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)							--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)							--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	7500	200	5500	360	NNS	NNS	--	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	1800	2800	270000	15000	NNS	NNS	--	--	--	--	--	--	--

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							09512403	09512403	09512403	09512403	09512403	09512403	09512403
Date							2/1/96	2/25/96	3/14/96	7/6/96	7/9/96	7/25/96	1/13/97
Parachloro Toluene, Total, (ug/l)							--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)							--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	2600	8400	850	550	NNS	NNS	--	--	--	--	--	--	--
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Anthracene, Total, (ug/l)	6300	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Benzidine, Total, (ug/l)	0.0007	420	1300	89	NNS	NNS	--	--	--	--	--	--	--
Benzoic Acid, Total, (ug/l)							--	--	--	--	--	--	--
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Benzo (b) Fluoranthene, Total, (ug/l)							--	--	--	--	--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Benzo (ghi) Perylene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Benzyl Alcohol, Total, (ug/l)							--	--	--	--	--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	6700	NNS	NNS	--	--	--	--	--	--	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	360	NNS	NNS	--	--	--	--	--	--	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	14	NNS	NNS	--	--	--	--	--	--	--
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	130	NNS	NNS	--	--	--	--	--	--	--
2-Chloronapthalene, Total, (ug/l)	13000	11000	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
2-Chlorophenol, Total, (ug/l)	2100	700	2200	150	NNS	NNS	--	--	--	--	--	--	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	35	NNS	NNS	--	--	--	--	--	--	--
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	970	NNS	NNS	--	--	--	--	--	--	--
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	780	NNS	NNS	--	--	--	--	--	--	--
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	470	NNS	NNS	--	--	--	--	--	--	--
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	88	NNS	NNS	--	--	--	--	--	--	--
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	1600	NNS	NNS	--	--	--	--	--	--	--
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1100	310	NNS	NNS	--	--	--	--	--	--	--
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	1000	NNS	NNS	--	--	--	--	--	--	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	24	NNS	NNS	--	--	--	--	--	--	--
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	9.2	NNS	NNS	--	--	--	--	--	--	--
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	970	NNS	NNS	--	--	--	--	--	--	--
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Fluoranthene, Total, (ug/l)	130	5600	2000	1600	NNS	NNS	--	--	--	--	--	--	--
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	8.2	NNS	NNS	--	--	--	--	--	--	--
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	0.3	NNS	NNS	--	--	--	--	--	--	--
Hexachloroethane, Total, (ug/l)	4.8	140	490	350	NNS	NNS	--	--	--	--	--	--	--

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)							
Sampling Station Identification Number							09512403	09512403	09512403	09512403	09512403	09512403	09512403
Date							2/1/96	2/25/96	3/14/96	7/6/96	7/9/96	7/25/96	1/13/97
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Isophorone, Total, (ug/l)	520	28000	59000	43000	NNS	NNS	--	--	--	--	--	--	--
Naphthalene, Total, (ug/l)	NNS	560	3300	600	NNS	NNS	--	--	--	--	--	--	--
Nitrobenzene, Total, (ug/l)	600	70	13000	850	NNS	NNS	--	--	--	--	--	--	--
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	3000	NNS	NNS	--	--	--	--	--	--	--
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	200	NNS	NNS	--	--	--	--	--	--	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
Pentachlorophenol, Total, (ug/l)	29000	2000	I	I	NNS	NNS	--	--	--	--	--	--	--
Phenanthrene, Total, (ug/l)	0.0005	NNS	54	6.3	NNS	NNS	--	--	--	--	--	--	--
Phenol, Total, (ug/l)							--	--	--	--	--	--	--
Pyrene, Total, (ug/l)	1100	4200	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
2,4,5- Trichlorophenol, Total, (ug/l)							--	--	--	--	--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	25	NNS	NNS	--	--	--	--	--	--	--
N-Nitrosodimethylamine, Total, (ug/l)	2.1	NNS	NNS	NNS	NNS	NNS	--	--	--	--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	0.25	NNS	130	11	NNS	NNS	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)							--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)							--	--	--	--	--	--	--

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)	
Sampling Station Identification Number							**09512403**
Date							**2/27/97**
Agency Collecting Sample							USGS
Agency Analyzing Sample							NWQL
Drainage Area (acres) (DA)							0.0703125
Impervious Area (acres) (IA)							0.010546875
Land Use - Residential							6
Land Use - Commercial							0
Land Use - Industrial							94
Land Use - Undeveloped							0
Sampling Duration (minutes)							UA
Storm Duration (minutes) (DRN)							264
Runoff Sampled (MGD) (RUN)							0.04
Total Storm Runoff (cubic feet)							NA
Instantaneous Discharge (cfs)							0.71
Preceeding Dry Period (days) (ANT)							32
Total Storm Rainfall (inch)							UA
Rainfall Sampled (inch) (TRN)							0.29
Maximum 5-minute rain intensity (MAX5)							0.03
Sample Temperature (deg. C)							15.5
Effluent Temperature (deg. C)							NM
Ambient Temperature (deg. C)							NM
Barometric Pressure (mm Hg)							720
pH, Effluent (standard units)							7.1
pH, Lab (standard units)							7.9
Specific Conductance, FIELD (us/cm)							258
Specific Conductance, LAB (us/cm)							259
Oxygen Dissolved (% saturation)							--
Oxygen Dissolved (mg/l)							8.8
Electrical Conductivity (umhos/cm)							--
BOD5 (mg/l)							--
COD High Level (mg/l)							--
Chloride (mg/l as Cl)							25
Cyanide Total (mg/l as Cn)	**210000 T**	**3100 T**	**41 T**	**9.7 T**	**NNS**	**200 T**	<0.010
Fecal Coliform (CFU/100mL)							--
Fecal Streptococci (CFU/100mL)							--
Solids Residue at 180 Deg. C (TDS) (mg/l)							162
Residue, Total at 105 Deg. C (TSS) (mg/l)							780
Nitrogen No2 + No3, Total (mg/l as N)	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	3.1
TKN Nitrogen (mg/l as N)							--
Nitrogen, Ammonia + Organic, Total (mg/l as N)							4.9
Nitrogen Nitrate Total (mg/l as N)	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	2.91
Nitrogen Nitrite Total (mg/l as N)	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	**NNS**	0.19
Nitrogen Ammonia Total (mg/l as N)							0.45
Nitrogen Organic Total (mg/l as N)							--
Phosphorous Total (mg/l as P)							1.3

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)	
Sampling Station Identification Number							09512403
Date							2/27/97
Phosphorous Dissolved (mg/l as P)							0.18
Phosphorous Ortho (mg/l as P)							0.14
Sulfate Dissolved (mg/l)							16
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	11 D	NNS	NNS	--
Phenols Total Recoverable (ug/l)	6500000	84000	54	6.3	NNS	NNS	18
Oil and Grease Total Recoverable (mg/l)							11
Organic Carbon, Total (mg/l)							32
Bicarbonate Whole Field (mg/l as HCo3)							152
Bicarbonate Dissolved, Field (mg/l as HCo3)							44
Carbonate Water Field (mg/l as Co3)							0
Carbonate Water Dissolved, Field, (mg/l as Co3)							0
Alkalinity Water Field Total (mg/l as CaCo3)							125
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)							36
Alkalinity LAB (mg/l as CaCo3)							94
Silica Dissolved (mg/l as SiO2)							--
Hardness (mg/l)							--
Antimony (ug/l as Sb)	140	56			NNS	NNS	--
Antimony Dissolved (ug/l as Sb)			1000	600	NNS	NNS	--
Arsenic Total (ug/l as As)	3.1	2800			2000	200	17
Arsenic Dissolved (ug/l as As)			360	190			--
Barium Dissolved (ug/l as Ba)	NNS	NNS	NNS	NNS	NNS	NNS	--
Beryllium Total Recoverable (ug/l as Be)	0.21	700			NNS	NNS	<10
Beryllium Dissolved (ug/l as Be)			65	5.3	NNS	NNS	--
Cadmium Total Recoverable (ug/l as Cd)	83	70			50	50	2
Cadmium Dissolved (ug/l as Cd)			D	D			--
Calcium Dissolved (mg/l as Ca)							17
Chromium Total Recoverable (ug/l as Cr)					1000	1000	20
Chromium Dissolved (ug/l as Cr)							--
Cobalt Dissolved (ug/l as Co)							--
Copper, Total Recoverable, (ug/l as Cu)	NNS				5000	500	90
Copper, Dissolved, (ug/l as Cu)	NNS	5200	F	F			--
Iron, Dissolved, (ug/l as Fe)							--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS			10000	100	210
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	G	G			--
Lithium, Dissolved, (ug/l as Li)							--
Magnesium, Dissolved, (mg/l as Mg)							3
Manganese, Dissolved, (ug/l as Mn)					NNS	NNS	--
Mercury, Total Recoverable, (ug/l as Hg)	0.6	42			NNS	NNS	<0.10
Mercury, Dissolved, (ug/l as Hg)			2.6	0.2			--
Molybdenum, Dissolved, (ug/l as Mo)							--
Nickel, Total Recoverable, (ug/l as Ni)	400	2800			NNS	NNS	39
Nickel, Dissolved, (ug/l as Ni)			H	H	NNS	NNS	--
Potassium, Dissolved, (mg/l as K)							4.9
Selenium, Total, (ug/l as Se)	9000	420	50	2	20	50	<1

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)	
Sampling Station Identification Number							09512403
Date							2/27/97
Selenium, Dissolved, (ug/l as Se)	9000						--
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS					<1
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	J	NNS			--
Sodium, Dissolved, (mg/l as Na)							17
Strontium, Dissolved, (ug/l as Sr)							--
Thallium, Total, (ug/l as Tl)	44	3700					--
Thallium, Dissolved, (ug/l as Tl)			700	150			--
Vanadium, Dissolved, (ug/l as V)							--
Zinc, Total Recoverable, (ug/l as Zn)		28000			10000	25000	430
Zinc, Dissolved, (ug/l as Zn)		28000	K	K			--
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)	0.0003	4.2	2.0	NNS	L	L	--
BHC - ALPHA, (ug/l)	0.03	NNS	1600	130	NNS	NNS	--
BHC - Gamma (Lindane), (ug/l)	0.02	2500	7.6	0.61	NNS	NNS	--
BHC - DELTA, (ug/l)	NNS	NNS	1600	130	NNS	NNS	--
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.01	0.001	0.001	--
Chlordane, Total, (ug/l)	0.001	110	2.1	0.21	NNS	NNS	--
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	NNS	NNS	--
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.02	NNS	NNS	--
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.001	NNS	NNS	--
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.005	L	L	--
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	--
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	--
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.06	NNS	NNS	--
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	NNS	NNS	--
Endrin, Total, (ug/l)	1.1	40	0.2	0.08	0.004	0.004	--
Heptachlor, Total, (ug/l)	0.002	20	0.58	0.013	NNS	NNS	--
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.58	0.013	NNS	NNS	--

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)	
Sampling Station Identification Number							09512403
Date							2/27/97
Toxaphene, Total, (ug/l)	0.008	1000	0.73	0.02	0.005	0.005	--
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	130	NNS	NNS	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700	3200	NNS	NNS	--
1,1,1,2-Tetrachloroethane, Total,(ug/l)							--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	680	NNS	NNS	--
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	20000	1300	NNS	NNS	--
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	12000	NNS	NNS	--
Trichloroethene, Total, (ug/l)	78	NNS	20000	1300	NNS	NNS	--
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	--
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	15000	950	NNS	NNS	--
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	41000	NNS	NNS	--
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9200	NNS	NNS	--
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	9800	NNS	NNS	--
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	1100	NNS	NNS	--
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000	3900	NNS	NNS	--
trans-1,3- Dichloropropene, (ug/l)							--
Benzene, Total, (ug/l)	120	470	11000	700	NNS	NNS	--
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	NNS	NNS	NNS	--
Bromoform, Total, (ug/l)	80	2800	15000	10000	NNS	NNS	--
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	1100	NNS	NNS	--
Chlorobenzene, Total, (ug/l)	500	2800	NNS	NNS	NNS	NNS	--
Chloroethane, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--
Chloroform, Total, (ug/l)	590	1400	14000	900	NNS	NNS	--
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	1400	NNS	NNS	--
Methylene Chloride, Total, (ug/l)	480	27000	97000	5500	NNS	NNS	--
Toluene, Total, (ug/l)	90000	42000	8700	180	NNS	NNS	--
Trichlorofluoromethane, Total, (ug/l)							--
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	--
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS	NNS	NNS	NNS	--
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--
Acetone, Total, (ug/l)							--
2-Butanone, (ug/l)							--
Carbon Disulfide, Total, (ug/l)							--
1,2 Dichloroethene, Total, (ug/l)							--
Xylenes, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--
2-Hexanone, Total, (ug/l)							--
Styrene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--
Acrolein, Total, (ug/l)	750	1300	34	30	NNS	NNS	--
Acrylonitirile, Total, (ug/l)							--
Bromobenzene, Water Whole, Total, (ug/l)							--
1,3-Dichloropropane, Water Whole, Total, (ug/l)							--
Methyl Bromide, Total, (ug/l)	7500	200	5500	360	NNS	NNS	--
Methyl Chloride, Total, (ug/l)	1800	2800	270000	15000	NNS	NNS	--

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)	
Sampling Station Identification Number							09512403
Date							2/27/97
Parachloro Toluene, Total, (ug/l)							--
Dibromoethane, Total, (ug/l)							--
Acenaphthene, Total, (ug/l)	2600	8400	850	550	NNS	NNS	--
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	--
Anthracene, Total, (ug/l)	6300	NNS	NNS	NNS	NNS	NNS	--
Benzidine, Total, (ug/l)	0.0007	420	1300	89	NNS	NNS	--
Benzoic Acid, Total, (ug/l)							--
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS	NNS	NNS	NNS	--
Benzo (b) Fluoranthene, Total, (ug/l)							--
Benzo (k) Fluoranthene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	--
Benzo (ghi) Perylene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	--
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	--
Benzyl Alcohol, Total, (ug/l)							--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	6700	NNS	NNS	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	NNS	NNS	NNS	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	360	NNS	NNS	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	14	NNS	NNS	--
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	130	NNS	NNS	--
2-Chloronapthalene, Total, (ug/l)	13000	11000	NNS	NNS	NNS	NNS	--
2-Chlorophenol, Total, (ug/l)	2100	700	2200	150	NNS	NNS	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	NNS	NNS	NNS	--
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	35	NNS	NNS	--
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	970	NNS	NNS	--
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	780	NNS	NNS	--
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	470	NNS	NNS	--
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	NNS	NNS	NNS	--
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	88	NNS	NNS	--
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	1600	NNS	NNS	--
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1100	310	NNS	NNS	--
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	1000	NNS	NNS	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	24	NNS	NNS	--
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	9.2	NNS	NNS	--
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	970	NNS	NNS	--
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--
Fluoranthene, Total, (ug/l)	130	5600	2000	1600	NNS	NNS	--
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	--
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	NNS	NNS	NNS	--
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	8.2	NNS	NNS	--
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	0.3	NNS	NNS	--
Hexachloroethane, Total, (ug/l)	4.8	140	490	350	NNS	NNS	--

Salt River and 27th Avenue, south bank	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)	
Sampling Station Identification Number							09512403
Date							2/27/97
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	NNS	NNS	NNS	--
Isophorone, Total, (ug/l)	520	28000	59000	43000	NNS	NNS	--
Naphthalene, Total, (ug/l)	NNS	560	3300	600	NNS	NNS	--
Nitrobenzene, Total, (ug/l)	600	70	13000	850	NNS	NNS	--
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	3000	NNS	NNS	--
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	200	NNS	NNS	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	NNS	NNS	NNS	--
Pentachlorophenol, Total, (ug/l)	29000	2000	I	I	NNS	NNS	--
Phenanthrene, Total, (ug/l)	0.0005	NNS	54	6.3	NNS	NNS	--
Phenol, Total, (ug/l)							--
Pyrene, Total, (ug/l)	1100	4200	NNS	NNS	NNS	NNS	--
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	NNS	NNS	NNS	NNS	--
2,4,5- Trichlorophenol, Total, (ug/l)							--
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	25	NNS	NNS	--
N-Nitrosodimethylamine, Total, (ug/l)	2.1	NNS	NNS	NNS	NNS	NNS	--
1,2- Diphenylhydrazine, Total, (ug/l)	0.25	NNS	130	11	NNS	NNS	--
Dichlorodifluoromethane, Total, (ug/l)							--
Parachloro-Meta-Cresol, Total, (ug/l)							--

Salt River and Priest Drive
(USGS In-Stream sampling point)

Salt River and Priest Drive In-Stream Sampling Point	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number				GSIS2	GSIS2	GSIS2	GSIS2	GSIS2	GSIS2	GSIS2
Date				12/31/92	1/4/93	1/12/93	2/11/93	1/6/95	1/12/95	2/15/95
Agency Collecting Sample				USGS	USGS	USGS	USGS	USGS	USGS	USGS
Agency Analyzing Sample				NWQL	NWQL	NWQL	NWQL	NWQL	NWQL	NWQL
Drainage Area (acres) (DA)				--	--	--	--	--	--	--
Impervious Area (acres) (IA)				--	--	--	--	--	--	--
Land Use - Residential				--	--	--	--	--	--	--
Land Use - Commercial				--	--	--	--	--	--	--
Land Use - Industrial				--	--	--	--	--	--	--
Land Use - Undeveloped				--	--	--	--	--	--	--
Sampling Duration (minutes)				--	--	--	--	--	--	--
Storm Duration (minutes) (DRN)				--	--	--	--	--	--	--
Runoff Sampled (MGD) (RUN)				--	--	--	--	--	--	--
Total Storm Runoff (cubic feet)				--	--	--	--	--	--	--
Instantaneous Discharge (cfs)				10	8600	47800	25500	1430	60	53100
Preceeding Dry Period (days) (ANT)				--	--	--	--	--	--	--
Total Storm Rainfall (inch)				--	--	--	--	--	--	--
Rainfall Sampled (inch) (TRN)				--	--	--	--	--	--	--
Maximum 5-minute rain intensity (MAX5)				--	--	--	--	--	--	--
Sample Temperature (deg. C)				13	13	12	11	16	18	14.5
Effluent Temperature (deg. C)				NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)				NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)				--	720	730	725	729	731	730
pH, Effluent (standard units)				8.9	7.9	8.2	8	7.8	8.6	8.4
pH, Lab (standard units)				8.5	8.1	8	8.1	7.7	8.3	8.2
Specific Conductance, FIELD (us/cm)				880	607	500	309	338	672	593
Specific Conductance, LAB (us/cm)				880	620	496	299	391	793	565
Oxygen Dissolved (% saturation)				--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)				--	10.2	8.1	8.7	11.8	8.6	8.4
Electrical Conductivity (umhos/cm)				--	--	--	--	--	--	--
BOD5 (mg/l)				--	7	<5.0	<5.0	--	--	--
COD High Level (mg/l)				25	17	39	13	53	13	61
Chloride (mg/l as Cl)				150	92	83	21	24	130	26
Cyanide Total (mg/l as Cn)	3100 T	84 T	19 T	--	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Fecal Coliform (CFU/100mL)				--	--	290	100	--	--	--
Fecal Streptococci (CFU/100mL)				--	540	1300	230	--	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)				491	347	292	180	230	440	349
Residue, Total at 105 Deg. C (TSS) (mg/l)				9	47	318	149	408	7	1140
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	--	--	--	--	0.24	0.15	0.12
TKN Nitrogen (mg/l as N)				--	--	--	--	--	--	--
Nitrogen, Ammonia + Organic, Total (mg/l as N)				--	0.3	0.6	0.3	1.4	0.22	1.7
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	--	--	<0.500	<0.500	0.22	0.14	0.11
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	--	--	<0.500	<0.500	0.02	0.01	0.01
Nitrogen Ammonia Total (mg/l as N)				--	--	0.39	<0.100	0.04	0.03	0.05
Nitrogen Organic Total (mg/l as N)				--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)				--	0.09	0.43	0.2	0.91	<0.020	1.9

Salt River and Priest Drive In-Stream Sampling Point	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number				GSIS2	GSIS2	GSIS2	GSIS2	GSIS2	GSIS2	GSIS2
Date				12/31/92	1/4/93	1/12/93	2/11/93	1/6/95	1/12/95	2/15/95
Phosphorous Dissolved (mg/l as P)				--	0.03	0.06	0.06	0.09	0.02	0.02
Phosphorous Ortho (mg/l as P)				--	--	--	--	0.15	0.02	0.05
Sulfate Dissolved (mg/l)				72	38	26	20	24	52	61
Hexavalent Chromium Total (mg/l)	700 T	34 D	23 D	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	84000	180000	26000	--	<1	1	1	3	<1	3
Oil and Grease Total Recoverable (mg/l)				<1	<1	<1	<1	<1	<1	9
Organic Carbon, Total (mg/l)				7.3	4.8	13	6.7	17	4.9	19
Bicarbonate Whole Field (mg/l as HCo3)				--	150	128	--	109	152	287
Bicarbonate Dissolved, Field (mg/l as HCo3)				--	130	109	116	98	152	243
Carbonate Water Field (mg/l as Co3)				--	0	0	--	0	0	8
Carbonate Water Dissolved, Field, (mg/l as Co3)				--	--	--	--	0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)				--	123	105	--	90	125	242
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)				150	107	89	95	80	125	199
Alkalinity LAB (mg/l as CaCo3)				--	132	92	98	87	127	200
Silica Dissolved (mg/l as SiO2)				7.1	16	15	15	--	--	--
Hardness (mg/l)				--	--	--	--	--	--	--
Antimony (ug/l as Sb)	56	NNS	NNS	--	--	--	--	--	--	--
Antimony Dissolved (ug/l as Sb)		NNS	NNS	--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	2800			7	8	9	8	10	4	31
Arsenic Dissolved (ug/l as As)		440	230	--	--	--	--	--	--	--
Barium Dissolved (ug/l as Ba)	NNS	NNS	NNS	50	40	27	24	--	--	--
Beryllium Total Recoverable (ug/l as Be)	700	NNS	NNS	--	--	--	--	<10	<10	<10
Beryllium Dissolved (ug/l as Be)		NNS	NNS	<0.5	<0.5	<0.5	<0.5	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	70			<1	<1	<1	<1	<1	<1	<1
Cadmium Dissolved (ug/l as Cd)		D	D	<1.0	<1.0	<1.0	<1.0	--	--	--
Calcium Dissolved (mg/l as Ca)				43	37	29	27	26	44	44
Chromium Total Recoverable (ug/l as Cr)		NNS	NNS	8	8	15	6	11	<1	21
Chromium Dissolved (ug/l as Cr)		NNS	NNS	--	--	--	--	--	--	--
Cobalt Dissolved (ug/l as Co)				--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)				3	6	25	13	27	2	58
Copper, Dissolved, (ug/l as Cu)	5200	F	F	<10	<10	<10	<10	--	--	--
Iron, Dissolved, (ug/l as Fe)				<3	9	58	70	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS			<1	3	22	7	20	<1	27
Lead, Dissolved, (ug/l as Pb)	NNS	G	G	<10	<10	<10	<10	--	--	--
Lithium, Dissolved, (ug/l as Li)				61	42	35	13	--	--	--
Magnesium, Dissolved, (mg/l as Mg)				20	12	8.3	8.6	8.1	13	25
Manganese, Dissolved, (ug/l as Mn)				1	2	2	4	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	42			<0.10	<0.10	<0.10	<0.10	0.4	<0.10	0.2
Mercury, Dissolved, (ug/l as Hg)		5.0	2.7	--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)				10	<10	<10	<10	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	2800			2	4	21	10	24	<1	68
Nickel, Dissolved, (ug/l as Ni)		H	H	<10	<10	<10	<10	--	--	--
Potassium, Dissolved, (mg/l as K)				--	3	2.8	2	2.5	3.5	4.8
Selenium, Total, (ug/l as Se)	420	33	2.0	<2	<2	<2	<2	<1	<1	<1

Salt River and Priest Drive In-Stream Sampling Point	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number				GSIS2	GSIS2	GSIS2	GSIS2	GSIS2	GSIS2	GSIS2
Date				12/31/92	1/4/93	1/12/93	2/11/93	1/6/95	1/12/95	2/15/95
Selenium, Dissolved, (ug/l as Se)				--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	NNS			<1	<1	<1	<1	<1	<1	<1
Silver, Dissolved, (ug/l as Ag)	NNS	J	NNS	2	<1.0	<1.0	<1.0	--	--	--
Sodium, Dissolved, (mg/l as Na)				100	63	54	19	36	88	37
Strontium, Dissolved, (ug/l as Sr)				600	370	230	220	--	--	--
Thallium, Total, (ug/l as Tl)	3700			--	--	--	--	--	--	--
Thallium, Dissolved, (ug/l as Tl)		NNS	NNS	--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)				7	<6	<6	<6	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	28000			<10	<10	50	<10	50	<10	110
Zinc, Dissolved, (ug/l as Zn)	28000	K	K	<3	<3	<3	<3	--	--	--
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)	4.2	4.5	NNS	--	--	--	--	--	--	--
BHC - ALPHA, (ug/l)	NNS	1600	130	--	--	--	--	--	--	--
BHC - Gamma (Lindane), (ug/l)	2500	11	0.9	--	--	--	--	--	--	--
BHC - DELTA, (ug/l)	NNS	1600	130	--	--	--	--	--	--	--
Aroclor 1016, PCB, Total, (ug/l)	NNS	11.0	2.5	--	--	--	--	--	--	--
Aroclor 1221, PCB, Total, (ug/l)	NNS	11.0	2.5	--	--	--	--	--	--	--
Aroclor 1232, PCB, Total, (ug/l)	NNS	11.0	2.5	--	--	--	--	--	--	--
Aroclor 1242, PCB, Total, (ug/l)	NNS	11.0	2.5	--	--	--	--	--	--	--
Aroclor 1248, PCB, Total, (ug/l)	NNS	11.0	2.5	--	--	--	--	--	--	--
Aroclor 1254, PCB, Total, (ug/l)	NNS	11.0	2.5	--	<0.10	<0.10	<0.10	--	--	--
Aroclor 1260, PCB, Total, (ug/L)	NNS	11.0	2.5	--	--	--	--	--	--	--
Chlordane, Total, (ug/l)	110	3.2	0.45	--	--	--	--	--	--	--
P,P' DDD, Total, (ug/l)	NNS	1.1	0.02	--	--	--	--	--	--	--
P,P' DDE, Total, (ug/l)	NNS	1.1	0.03	--	<0.04	<0.04	<0.04	--	--	--
P, P' DDT, Total, (ug/l)	700	1.1	0.006	--	<0.10	<0.10	<0.10	--	--	--
Dieldrin, Total, (ug/l)	7	4.0	0.9	--	<0.020	<0.020	<0.020	--	--	--
Endo-Sulfan Alpha, Total, (ug/l)	NNS	3.0	1.5	--	--	--	--	--	--	--
Endo-Sulfan Beta, Total, (ug/l)	NNS	3.0	1.5	--	--	--	--	--	--	--
Endo-Sulfan Sulfate, Total, (ug/l)	NNS	3.0	1.5	--	--	--	--	--	--	--
Endrin Aldehyde, Total, (ug/l)	NNS	0.7	0.3	--	--	--	--	--	--	--
Endrin, Total, (ug/l)	40	0.7	0.3	--	--	--	--	--	--	--
Heptachlor, Total, (ug/l)	20	0.9	0.1	--	--	--	--	--	--	--
Heptachlor Epoxide, Total, (ug/l)	2	0.9	0.1	--	--	--	--	--	--	--

Salt River and Priest Drive In-Stream Sampling Point	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number				GSIS2	GSIS2	GSIS2	GSIS2	GSIS2	GSIS2	GSIS2
Date				12/31/92	1/4/93	1/12/93	2/11/93	1/6/95	1/12/95	2/15/95
Toxaphene, Total, (ug/l)	1000	11	1.5	--	--	--	--	--	--	--
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	NNS	1600	130	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	450	NNS	NNS	--	--	--	--	--	--	--
1,1,1,2-Tetrachloroethane, Total,(ug/l)				--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	4000	15000	1600	--	--	--	--	--	--	--
1,1,1- Trichloroethane, Total, (ug/l)	13000	NNS	NNS	--	--	--	--	--	--	--
1,1,2- Trichloroethane, Total, (ug/l)	560	NNS	NNS	--	--	--	--	--	--	--
Trichloroethene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
1,1- Dichloroethane, Total, (ug/l)	14000	NNS	NNS	--	--	--	--	--	--	--
1,1- Dichloroethene, Total, (ug/l)	1300	NNS	NNS	--	--	--	--	--	--	--
1,2- Dichloroethane, Total, (ug/l)	10000	NNS	NNS	--	--	--	--	--	--	--
1,2- Dichloropropane, Total, (ug/l)	200	NNS	NNS	--	--	--	--	--	--	--
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
cis-1,3-Dichloropropene, (ug/l)	60	NNS	NNS	--	--	--	--	--	--	--
trans-1,2- Dichloroethene, (ug/l)	2800	NNS	NNS	--	--	--	--	--	--	--
trans-1,3- Dichloropropene, (ug/l)				--	--	--	--	--	--	--
Benzene, Total, (ug/l)	470	NNS	NNS	--	--	--	--	--	--	--
Bromodichloromethane, Total, (ug/l)	2800	NNS	NNS	--	--	--	--	--	--	--
Bromoform, Total, (ug/l)	2800	NNS	NNS	--	--	--	--	--	--	--
Carbon Tetrachloride, Total, (ug/l)	8000	NNS	NNS	--	--	--	--	--	--	--
Chlorobenzene, Total, (ug/l)	2800	NNS	NNS	--	--	--	--	--	--	--
Chloroethane, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Chloroform, Total, (ug/l)	1400	NNS	NNS	--	--	--	--	--	--	--
Ethyl-Benzene, Total, (ug/l)	64000	NNS	NNS	--	--	--	--	--	--	--
Methylene Chloride, Total, (ug/l)	27000	NNS	NNS	--	--	--	--	--	--	--
Toluene, Total, (ug/l)	42000	NNS	NNS	--	--	--	--	--	--	--
Trichlorofluoromethane, Total, (ug/l)				--	--	--	--	--	--	--
Vinyl Chloride, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Chlorodibromomethane, Total, (ug/l)	2800	NNS	NNS	--	--	--	--	--	--	--
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)				--	--	--	--	--	--	--
Acetone, Total, (ug/l)				--	--	--	--	--	--	--
2-Butanone, (ug/l)				--	--	--	--	--	--	--
Carbon Disulfide, Total, (ug/l)				--	--	--	--	--	--	--
1,2 Dichloroethene, Total, (ug/l)				--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
2-Hexanone, Total, (ug/l)				--	--	--	--	--	--	--
Styrene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Acrolein, Total, (ug/l)	1300	NNS	NNS	--	--	--	--	--	--	--
Acrylonitirile, Total, (ug/l)				--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)				--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)				--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	200	NNS	NNS	--	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	2800	NNS	NNS	--	--	--	--	--	--	--

Salt River and Priest Drive In-Stream Sampling Point	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number				GSIS2	GSIS2	GSIS2	GSIS2	GSIS2	GSIS2	GSIS2
Date				12/31/92	1/4/93	1/12/93	2/11/93	1/6/95	1/12/95	2/15/95
Parachloro Toluene, Total, (ug/l)				--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)				--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	8400	NNS	NNS	--	--	--	--	--	--	--
Acenaphthylene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Benzidine, Total, (ug/l)	420	10000	640	--	--	--	--	--	--	--
Benzoic Acid, Total, (ug/l)				--	--	--	--	--	--	--
Benzo (a) Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Benzo (b) Fluoranthene, Total, (ug/l)				--	<10.0	<10.0	<10.0	--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Benzo (ghi) Perylene, Total, (ug/l)	NNS	NNS	NNS	--	<10.0	<10.0	<10.0	--	--	--
Benzo (a) Pyrene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Benzyl Alcohol, Total, (ug/l)				--	--	--	--	--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	NNS	120000	6700	--	--	--	--	--	--	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	5600	NNS	NNS	--	--	--	--	--	--	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	280000	3100	360	--	<5.0	<5.0	<5.0	--	--	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Butyl Benzyl Phthalate, Total, (ug/l)	28000	NNS	NNS	--	--	--	--	--	--	--
2-Chloronapthalene, Total, (ug/l)	11000	NNS	NNS	--	--	--	--	--	--	--
2-Chlorophenol, Total, (ug/l)	700	NNS	NNS	--	--	--	--	--	--	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Chrysene, Total, (ug/l)	NNS	NNS	NNS	--	<10.0	<10.0	<10.0	--	--	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Di-N-Butyl Phthalate, Total, (ug/l)	14000	1100	84	--	--	--	--	--	--	--
1,3- Dichlorobenzene, Total, (ug/l)	13000	NNS	NNS	--	--	--	--	--	--	--
1,4- Dichlorobenzene, Total, (ug/l)	13000	6500	2500	--	--	--	--	--	--	--
1,2- Dichlorobenzene, Total, (ug/l)	13000	5900	2300	--	--	--	--	--	--	--
3,3'- Dichlorobenzidine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
2,4- Dichlorophenol, Total, (ug/l)	420	NNS	NNS	--	--	--	--	--	--	--
Diethyl Phthalate, Total, (ug/l)	110000	NNS	NNS	--	--	--	--	--	--	--
2,4- Dimethylphenol, Total, (ug/l)	NNS	150000	43000	--	--	--	--	--	--	--
Dimethyl Phthalate, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
2,4- Dinitrophenol, Total, (ug/l)	280	NNS	NNS	--	--	--	--	--	--	--
2,4- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Fluoranthene, Total, (ug/l)	5600	NNS	NNS	--	<5.0	<5.0	<5.0	--	--	--
Fluorene, Total, (ug/l)	5600	NNS	NNS	--	--	--	--	--	--	--
Hexachlorobenzene, Total, (ug/l)	100	NNS	NNS	--	--	--	--	--	--	--
Hexachlorobutadiene, Total, (ug/l)	280	NNS	NNS	--	--	--	--	--	--	--
Hexachlorocyclopentadiene, Total, (ug/l)	1000	NNS	NNS	--	--	--	--	--	--	--
Hexachloroethane, Total, (ug/l)	140	850	610	--	--	--	--	--	--	--

Salt River and Priest Drive In-Stream Sampling Point	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)							
Sampling Station Identification Number				GSIS2	GSIS2	GSIS2	GSIS2	GSIS2	GSIS2	GSIS2
Date				12/31/92	1/4/93	1/12/93	2/11/93	1/6/95	1/12/95	2/15/95
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	NNS	NNS	NNS	--	<10.0	<10.0	<10.0	--	--	--
Isophorone, Total, (ug/l)	28000	NNS	NNS	--	--	--	--	--	--	--
Naphthalene, Total, (ug/l)	560	NNS	NNS	--	--	--	--	--	--	--
Nitrobenzene, Total, (ug/l)	70	NNS	NNS	--	--	--	--	--	--	--
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
4-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
N-Nitrosodiphenylamine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Pentachlorophenol, Total, (ug/l)	2000	I	I	--	--	--	--	--	--	--
Phenanthrene, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Phenol, Total, (ug/l)				--	<5.0	<5.0	<5.0	--	--	--
Pyrene, Total, (ug/l)	4200	NNS	NNS	--	<5.0	<5.0	<5.0	--	--	--
1,2,4-Trichlorobenzene, Total, (ug/l)	2800	NNS	NNS	--	--	--	--	--	--	--
2,4,5- Trichlorophenol, Total, (ug/l)				--	--	--	--	--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	NNS	3000	460	--	--	--	--	--	--	--
N-Nitrosodimethylamine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	NNS	NNS	NNS	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)				--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)				--	--	--	--	--	--	--

Salt River and 51st Avenue
(USGS In-Stream sampling point)

Salt River and 51st Avenue In-Stream Sampling Point	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)			
Sampling Station Identification Number									
Date							1/7/95	1/30/95	2/17/95
Agency Collecting Sample							USGS	USGS	USGS
Agency Analyzing Sample							NWQL	NWQL	NWQL
Drainage Area (acres) (DA)							--	--	--
Impervious Area (acres) (IA)							--	--	--
Land Use - Residential							--	--	--
Land Use - Commercial							--	--	--
Land Use - Industrial							--	--	--
Land Use - Undeveloped							--	--	--
Sampling Duration (minutes)							--	--	--
Storm Duration (minutes) (DRN)							--	--	--
Runoff Sampled (MGD) (RUN)							--	--	--
Total Storm Runoff (cubic feet)							--	--	--
Instantaneous Discharge (cfs)							E675	E140	E19500
Preceeding Dry Period (days) (ANT)							--	--	--
Total Storm Rainfall (inch)							--	--	--
Rainfall Sampled (inch) (TRN)							--	--	--
Maximum 5-minute rain intensity (MAX5)							--	--	--
Sample Temperature (deg. C)							15	17	12
Effluent Temperature (deg. C)							NM	NM	NM
Ambient Temperature (deg. C)							NM	NM	NM
Barometric Pressure (mm Hg)							728	725	728
pH, Effluent (standard units)							8.1	8.2	8.3
pH, Lab (standard units)							7.7	8.2	7.8
Specific Conductance, FIELD (us/cm)							590	852	381
Specific Conductance, LAB (us/cm)							609	871	383
Oxygen Dissolved (% saturation)							--	--	--
Oxygen Dissolved (mg/l)							10.9	7.2	10.2
Electrical Conductivity (umhos/cm)							--	--	--
BOD5 (mg/l)							--	--	--
COD High Level (mg/l)							30	10	38
Chloride (mg/l as Cl)							88	110	30
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T	9.7 T	NNS	200 T	<0.010	<0.010	<0.010
Fecal Coliform (CFU/100mL)							--	--	--
Fecal Streptococci (CFU/100mL)							--	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)							347	513	233
Residue, Total at 105 Deg. C (TSS) (mg/l)							186	23	472
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.87	1.5	<0.020
TKN Nitrogen (mg/l as N)							--	--	--
Nitrogen, Ammonia + Organic, Total (mg/l as N)							0.94	0.47	0.81
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.84	1.45	--
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.03	0.05	0.01
Nitrogen Ammonia Total (mg/l as N)							0.09	0.1	<0.010
Nitrogen Organic Total (mg/l as N)							--	--	--
Phosphorous Total (mg/l as P)							0.55	0.47	0.37

Salt River and 51st Avenue In-Stream Sampling Point	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)			
Sampling Station Identification Number									
Date							1/7/95	1/30/95	2/17/95
Agency Collecting Sample							USGS	USGS	USGS
Phosphorous Dissolved (mg/l as P)							--	0.41	0.03
Phosphorous Ortho (mg/l as P)							0.23	0.42	0.05
Sulfate Dissolved (mg/l)							49	80	26
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	11 D	NNS	NNS	--	--	--
Phenols Total Recoverable (ug/l)	6500000	84000	54	6.3	NNS	NNS	<1	<1	<1
Oil and Grease Total Recoverable (mg/l)							<1	<1	<1
Organic Carbon, Total (mg/l)							9.6	4.3	8.9
Bicarbonate Whole Field (mg/l as HCo3)							135	224	171
Bicarbonate Dissolved, Field (mg/l as HCo3)							130	223	140
Carbonate Water Field (mg/l as Co3)							0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)							0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)							111	184	140
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)							107	182	115
Alkalinity LAB (mg/l as CaCo3)							109	185	125
Silica Dissolved (mg/l as SiO2)							--	--	--
Hardness (mg/l)							--	--	--
Antimony (ug/l as Sb)	140	56			NNS	NNS	--	--	--
Antimony Dissolved (ug/l as Sb)			1000	600	NNS	NNS	--	--	--
Arsenic Total (ug/l as As)	3.1	2800			2000	200	10	10	17
Arsenic Dissolved (ug/l as As)			360	190			--	--	--
Barium Dissolved (ug/l as Ba)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--
Beryllium Total Recoverable (ug/l as Be)	0.21	700			NNS	NNS	<10	<10	<10
Beryllium Dissolved (ug/l as Be)			65	5.3	NNS	NNS	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	83	70			50	50	<1	<1	<1
Cadmium Dissolved (ug/l as Cd)			D	D			--	--	--
Calcium Dissolved (mg/l as Ca)							32	46	30
Chromium Total Recoverable (ug/l as Cr)					1000	1000	6	2	12
Chromium Dissolved (ug/l as Cr)							--	--	--
Cobalt Dissolved (ug/l as Co)							--	--	--
Copper, Total Recoverable, (ug/l as Cu)	NNS				5000	500	15	3	23
Copper, Dissolved, (ug/l as Cu)	NNS	5200	F	F			--	--	--
Iron, Dissolved, (ug/l as Fe)							--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS			10000	100	9	2	11
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	G	G			--	--	--
Lithium, Dissolved, (ug/l as Li)							--	--	--
Magnesium, Dissolved, (mg/l as Mg)							11	22	14
Manganese, Dissolved, (ug/l as Mn)					NNS	NNS	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	0.6	42			NNS	NNS	0.1	<0.10	<0.10
Mercury, Dissolved, (ug/l as Hg)			2.6	0.2			--	--	--
Molybdenum, Dissolved, (ug/l as Mo)							--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	400	2800			NNS	NNS	13	4	24
Nickel, Dissolved, (ug/l as Ni)			H	H	NNS	NNS	--	--	--
Potassium, Dissolved, (mg/l as K)							4	5.7	2.3

Salt River and 51st Avenue In-Stream Sampling Point	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)			
Sampling Station Identification Number									
Date							1/7/95	1/30/95	2/17/95
Agency Collecting Sample							USGS	USGS	USGS
Selenium, Total, (ug/l as Se)	9000	420	50	2	20	50	<1	<1	<!
Selenium, Dissolved, (ug/l as Se)	9000						--	--	--
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS					<1	<1	<1
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	J	NNS			--	--	--
Sodium, Dissolved, (mg/l as Na)							68	93	28
Strontium, Dissolved, (ug/l as Sr)							--	--	--
Thallium, Total, (ug/l as Tl)	44	3700					--	--	--
Thallium, Dissolved, (ug/l as Tl)			700	150			--	--	--
Vanadium, Dissolved, (ug/l as V)							--	--	--
Zinc, Total Recoverable, (ug/l as Zn)		28000			10000	25000	30	10	50
Zinc, Dissolved, (ug/l as Zn)		28000	K	K			--	--	--
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)	0.0003	4.2	2.0	NNS	L	L	--	--	--
BHC - ALPHA, (ug/l)	0.03	NNS	1600	130	NNS	NNS	--	--	--
BHC - Gamma (Lindane), (ug/l)	0.02	2500	7.6	0.61	NNS	NNS	--	--	--
BHC - DELTA, (ug/l)	NNS	NNS	1600	130	NNS	NNS	--	--	--
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.01	0.001	0.001	--	--	--
Chlordane, Total, (ug/l)	0.001	110	2.1	0.21	NNS	NNS	--	--	--
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	NNS	NNS	--	--	--
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.02	NNS	NNS	--	--	--
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.001	NNS	NNS	--	--	--
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.005	L	L	--	--	--
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	--	--	--
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	--	--	--
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.06	NNS	NNS	--	--	--
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	NNS	NNS	--	--	--
Endrin, Total, (ug/l)	1.1	40	0.2	0.08	0.004	0.004	--	--	--

Salt River and 51st Avenue In-Stream Sampling Point	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)			
Sampling Station Identification Number									
Date							1/7/95	1/30/95	2/17/95
Agency Collecting Sample							USGS	USGS	USGS
Heptachlor, Total, (ug/l)	0.002	20	0.58	0.013	NNS	NNS	--	--	--
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.58	0.013	NNS	NNS	--	--	--
Toxaphene, Total, (ug/l)	0.008	1000	0.73	0.02	0.005	0.005	--	--	--
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	130	NNS	NNS	--	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700	3200	NNS	NNS	--	--	--
1,1,1,2-Tetrachloroethane, Total,(ug/l)							--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	680	NNS	NNS	--	--	--
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	20000	1300	NNS	NNS	--	--	--
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	12000	NNS	NNS	--	--	--
Trichloroethene, Total, (ug/l)	78	NNS	20000	1300	NNS	NNS	--	--	--
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	--	--	--
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	15000	950	NNS	NNS	--	--	--
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	41000	NNS	NNS	--	--	--
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9200	NNS	NNS	--	--	--
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	9800	NNS	NNS	--	--	--
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	1100	NNS	NNS	--	--	--
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000	3900	NNS	NNS	--	--	--
trans-1,3- Dichloropropene, (ug/l)							--	--	--
Benzene, Total, (ug/l)	120	470	11000	700	NNS	NNS	--	--	--
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	NNS	NNS	NNS	--	--	--
Bromoform, Total, (ug/l)	80	2800	15000	10000	NNS	NNS	--	--	--
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	1100	NNS	NNS	--	--	--
Chlorobenzene, Total, (ug/l)	500	2800	NNS	NNS	NNS	NNS	--	--	--
Chloroethane, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--
Chloroform, Total, (ug/l)	590	1400	14000	900	NNS	NNS	--	--	--
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	1400	NNS	NNS	--	--	--
Methylene Chloride, Total, (ug/l)	480	27000	97000	5500	NNS	NNS	--	--	--
Toluene, Total, (ug/l)	90000	42000	8700	180	NNS	NNS	--	--	--
Trichlorofluoromethane, Total, (ug/l)							--	--	--
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	--	--	--
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS	NNS	NNS	NNS	--	--	--
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--	--	--
Acetone, Total, (ug/l)							--	--	--
2-Butanone, (ug/l)							--	--	--
Carbon Disulfide, Total, (ug/l)							--	--	--
1,2 Dichloroethene, Total, (ug/l)							--	--	--
Xylenes, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--
2-Hexanone, Total, (ug/l)							--	--	--
Styrene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--
Acrolein, Total, (ug/l)	750	1300	34	30	NNS	NNS	--	--	--
Acrylonitirile, Total, (ug/l)							--	--	--
Bromobenzene, Water Whole, Total, (ug/l)							--	--	--

Salt River and 51st Avenue In-Stream Sampling Point	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)			
Sampling Station Identification Number									
Date							1/7/95	1/30/95	2/17/95
Agency Collecting Sample							USGS	USGS	USGS
1,3-Dichloropropane, Water Whole, Total, (ug/l)							--	--	--
Methyl Bromide, Total, (ug/l)	7500	200	5500	360	NNS	NNS	--	--	--
Methyl Chloride, Total, (ug/l)	1800	2800	270000	15000	NNS	NNS	--	--	--
Parachloro Toluene, Total, (ug/l)							--	--	--
Dibromoethane, Total, (ug/l)							--	--	--
Acenaphthene, Total, (ug/l)	2600	8400	850	550	NNS	NNS	--	--	--
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	--	--	--
Anthracene, Total, (ug/l)	6300	NNS	NNS	NNS	NNS	NNS	--	--	--
Benzidine, Total, (ug/l)	0.0007	420	1300	89	NNS	NNS	--	--	--
Benzoic Acid, Total, (ug/l)							--	--	--
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS	NNS	NNS	NNS	--	--	--
Benzo (b) Fluoranthene, Total, (ug/l)							--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	--	--	--
Benzo (ghi) Perylene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	--	--	--
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	--	--	--
Benzyl Alcohol, Total, (ug/l)							--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	6700	NNS	NNS	--	--	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	NNS	NNS	NNS	--	--	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	360	NNS	NNS	--	--	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	14	NNS	NNS	--	--	--
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	130	NNS	NNS	--	--	--
2-Chloronapthalene, Total, (ug/l)	13000	11000	NNS	NNS	NNS	NNS	--	--	--
2-Chlorophenol, Total, (ug/l)	2100	700	2200	150	NNS	NNS	--	--	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	--	--	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	NNS	NNS	NNS	--	--	--
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	35	NNS	NNS	--	--	--
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	970	NNS	NNS	--	--	--
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	780	NNS	NNS	--	--	--
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	470	NNS	NNS	--	--	--
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	NNS	NNS	NNS	--	--	--
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	88	NNS	NNS	--	--	--
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	1600	NNS	NNS	--	--	--
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1100	310	NNS	NNS	--	--	--
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	1000	NNS	NNS	--	--	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	24	NNS	NNS	--	--	--
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	9.2	NNS	NNS	--	--	--
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	970	NNS	NNS	--	--	--
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--
Fluoranthene, Total, (ug/l)	130	5600	2000	1600	NNS	NNS	--	--	--
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	--	--	--

Salt River and 51st Avenue In-Stream Sampling Point	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)			
Sampling Station Identification Number									
Date							1/7/95	1/30/95	2/17/95
Agency Collecting Sample							USGS	USGS	USGS
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	NNS	NNS	NNS	--	--	--
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	8.2	NNS	NNS	--	--	--
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	0.3	NNS	NNS	--	--	--
Hexachloroethane, Total, (ug/l)	4.8	140	490	350	NNS	NNS	--	--	--
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	NNS	NNS	NNS	--	--	--
Isophorone, Total, (ug/l)	520	28000	59000	43000	NNS	NNS	--	--	--
Naphthalene, Total, (ug/l)	NNS	560	3300	600	NNS	NNS	--	--	--
Nitrobenzene, Total, (ug/l)	600	70	13000	850	NNS	NNS	--	--	--
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--	--
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	3000	NNS	NNS	--	--	--
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	200	NNS	NNS	--	--	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	NNS	NNS	NNS	--	--	--
Pentachlorophenol, Total, (ug/l)	29000	2000	I	I	NNS	NNS	--	--	--
Phenanthrene, Total, (ug/l)	0.0005	NNS	54	6.3	NNS	NNS	--	--	--
Phenol, Total, (ug/l)							--	--	--
Pyrene, Total, (ug/l)	1100	4200	NNS	NNS	NNS	NNS	--	--	--
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	NNS	NNS	NNS	NNS	--	--	--
2,4,5- Trichlorophenol, Total, (ug/l)							--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	25	NNS	NNS	--	--	--
N-Nitrosodimethylamine, Total, (ug/l)	2.1	NNS	NNS	NNS	NNS	NNS	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	0.25	NNS	130	11	NNS	NNS	--	--	--
Dichlorodifluoromethane, Total, (ug/l)							--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)							--	--	--

ACDC and 51st Avenue
(USGS In-Stream sampling point)

ACDC and 51st Avenue In-Stream Sampling Point	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)			
Sampling Station Identification Number						
Date				2/7/94	3/7/94	5/25/94
Agency Collecting Sample				USGS	USGS	USGS
Agency Analyzing Sample				NWQL	NWQL	NWQL
Drainage Area (acres) (DA)				--	--	--
Impervious Area (acres) (IA)				--	--	--
Land Use - Residential				--	--	--
Land Use - Commercial				--	--	--
Land Use - Industrial				--	--	--
Land Use - Undeveloped				--	--	--
Sampling Duration (minutes)				--	--	--
Storm Duration (minutes) (DRN)				--	--	--
Runoff Sampled (MGD) (RUN)				--	--	--
Total Storm Runoff (cubic feet)				--	--	--
Instantaneous Discharge (cfs)				70	--	4.3
Preceeding Dry Period (days) (ANT)				--	--	--
Total Storm Rainfall (inch)				--	--	--
Rainfall Sampled (inch) (TRN)				--	--	--
Maximum 5-minute rain intensity (MAX5)				--	--	--
Sample Temperature (deg. C)				11.5	15	26
Effluent Temperature (deg. C)				NM	NM	NM
Ambient Temperature (deg. C)				NM	NM	NM
Barometric Pressure (mm Hg)				--	--	--
pH, Effluent (standard units)				7.1	6.8	7.4
pH, Lab (standard units)				6.9	6.6	--
Specific Conductance, FIELD (us/cm)				115	116	237
Specific Conductance, LAB (us/cm)				155	138	--
Oxygen Dissolved (% saturation)				--	--	--
Oxygen Dissolved (mg/l)				--	--	--
Electrical Conductivity (umhos/cm)				--	--	--
BOD5 (mg/l)				--	--	--
COD High Level (mg/l)				--	--	--
Chloride (mg/l as Cl)				--	--	--
Cyanide Total (mg/l as Cn)	3100 T	41 T	9.7 T	--	--	--
Fecal Coliform (CFU/100mL)				--	--	--
Fecal Streptococci (CFU/100mL)				--	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)				--	--	--
Residue, Total at 105 Deg. C (TSS) (mg/l)				172	176	--
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	--	--	--
TKN Nitrogen (mg/l as N)				--	--	--
Nitrogen, Ammonia + Organic, Total (mg/l as N)				--	--	--
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	--	--	--
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	--	--	--
Nitrogen Ammonia Total (mg/l as N)				--	--	--
Nitrogen Organic Total (mg/l as N)				--	--	--
Phosphorous Total (mg/l as P)				--	--	--

ACDC and 51st Avenue In-Stream Sampling Point	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)			
Sampling Station Identification Number						
Date				2/7/94	3/7/94	5/25/94
Phosphorous Dissolved (mg/l as P)				--	--	--
Phosphorous Ortho (mg/l as P)				--	--	--
Sulfate Dissolved (mg/l)				--	--	--
Hexavalent Chromium Total (mg/l)	700 T	16 D	11 D	--	--	--
Phenols Total Recoverable (ug/l)	84000	54	6.3	--	--	--
Oil and Grease Total Recoverable (mg/l)				8	5	--
Organic Carbon, Total (mg/l)				33	43	--
Bicarbonate Whole Field (mg/l as HCo3)				52	40	59
Bicarbonate Dissolved, Field (mg/l as HCo3)				35	31	59
Carbonate Water Field (mg/l as Co3)				0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)				--	--	--
Alkalinity Water Field Total (mg/l as CaCo3)				0	0	0
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)				29	25	49
Alkalinity LAB (mg/l as CaCo3)				--	--	--
Silica Dissolved (mg/l as SiO2)				3	2.1	--
Hardness (mg/l)				--	--	--
Antimony (ug/l as Sb)	56			--	--	--
Antimony Dissolved (ug/l as Sb)		1000	600	--	--	--
Arsenic Total (ug/l as As)	2800			--	--	--
Arsenic Dissolved (ug/l as As)		360	190	--	--	--
Barium Dissolved (ug/l as Ba)	NNS	NNS	NNS	18	18	--
Beryllium Total Recoverable (ug/l as Be)	700			--	--	--
Beryllium Dissolved (ug/l as Be)		65	5.3	<0.5	<0.5	<0.5
Cadmium Total Recoverable (ug/l as Cd)	70			--	--	--
Cadmium Dissolved (ug/l as Cd)		d	d	<1	<1	--
Calcium Dissolved (mg/l as Ca)				13	12	--
Chromium Total Recoverable (ug/l as Cr)				--	--	--
Chromium Dissolved (ug/l as Cr)				<5.0	<5.0	<5.0
Cobalt Dissolved (ug/l as Co)				<3.0	<3.0	--
Copper, Total Recoverable, (ug/l as Cu)				--	--	--
Copper, Dissolved, (ug/l as Cu)	5200	f	f	<10	10	--
Iron, Dissolved, (ug/l as Fe)				110	56	--
Lead, Total Recoverable, (ug/l as Pb)	NNS			--	--	--
Lead, Dissolved, (ug/l as Pb)	NNS	g	g	<10	<10	--
Lithium, Dissolved, (ug/l as Li)				<4.0	<4.0	--
Magnesium, Dissolved, (mg/l as Mg)				2.3	1.5	--
Manganese, Dissolved, (ug/l as Mn)				18	21	--
Mercury, Total Recoverable, (ug/l as Hg)	42			--	--	--
Mercury, Dissolved, (ug/l as Hg)		2.6	0.2	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)				<10	<10	--
Nickel, Total Recoverable, (ug/l as Ni)	2800			--	--	--
Nickel, Dissolved, (ug/l as Ni)		h	h	<10	<10	--
Potassium, Dissolved, (mg/l as K)				--	--	--
Selenium, Total, (ug/l as Se)	420	50	2	--	--	--

ACDC and 51st Avenue In-Stream Sampling Point	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)			
Sampling Station Identification Number						
Date				2/7/94	3/7/94	5/25/94
Selenium, Dissolved, (ug/l as Se)				--	--	--
Silver, Total Recoverable, (ug/l as Ag)	NNS			--	--	--
Silver, Dissolved, (ug/l as Ag)	NNS	j	NNS	<1.0	3	--
Sodium, Dissolved, (mg/l as Na)				7.7	6.2	--
Strontium, Dissolved, (ug/l as Sr)				140	110	--
Thallium, Total, (ug/l as Tl)	3700			--	--	--
Thallium, Dissolved, (ug/l as Tl)		700	150	--	--	--
Vanadium, Dissolved, (ug/l as V)				<6	<6	--
Zinc, Total Recoverable, (ug/l as Zn)	28000			--	--	--
Zinc, Dissolved, (ug/l as Zn)	28000	k	k	23	36	--
Diazinon, Total, (ug/l)				0.58	0.54	--
Ethion, Total, (ug/l)				<0.01	<0.01	--
Malathion, Total, (ug/l)				1.1	0.83	--
Methyl Parathion, Total, (ug/l)				<0.01	<0.01	--
Parathion, Total, (ug/l)				<0.01	<0.01	--
Trithion, Total, (ug/l)				<0.01	<0.01	--
Di-syston, Total, (ug/l)				<0.01	<0.01	--
Phorate, Total, (ug/l)				<0.01	<0.01	--
Chlorpyrifos, Total, (ug/l)				0.05	0.06	--
DEF, Total, (ug/l)				<0.01	<0.01	--
Fonofos(Dy-fonate), WWT, (ug/l)				<0.01	<0.01	--
Aldrin, Total, (ug/l)	4.2	2.0	NNS	--	--	--
BHC - ALPHA, (ug/l)	NNS	1600	130	--	--	--
BHC - Gamma (Lindane), (ug/l)	2500	7.6	0.61	--	--	--
BHC - DELTA, (ug/l)	NNS	1600	130	--	--	--
Aroclor 1016, PCB, Total, (ug/l)	NNS	2.0	0.01	--	--	--
Aroclor 1221, PCB, Total, (ug/l)	NNS	2.0	0.01	--	--	--
Aroclor 1232, PCB, Total, (ug/l)	NNS	2.0	0.01	--	--	--
Aroclor 1242, PCB, Total, (ug/l)	NNS	2.0	0.01	--	--	--
Aroclor 1248, PCB, Total, (ug/l)	NNS	2.0	0.01	--	--	--
Aroclor 1254, PCB, Total, (ug/l)	NNS	2.0	0.01	--	--	--
Aroclor 1260, PCB, Total, (ug/L)	NNS	2.0	0.01	--	--	--
Chlordane, Total, (ug/l)	110	2.1	0.21	--	--	--
P,P' DDD, Total, (ug/l)	NNS	1.1	0.02	--	--	--
P,P' DDE, Total, (ug/l)	NNS	1.1	0.02	--	--	--
P, P' DDT, Total, (ug/l)	700	1.1	0.001	--	--	--
Dieldrin, Total, (ug/l)	7	2.5	0.005	--	--	--
Endo-Sulfan Alpha, Total, (ug/l)	NNS	0.22	0.06	--	--	--
Endo-Sulfan Beta, Total, (ug/l)	NNS	0.22	0.06	--	--	--
Endo-Sulfan Sulfate, Total, (ug/l)	NNS	0.22	0.06	--	--	--
Endrin Aldehyde, Total, (ug/l)	NNS	0.2	0.08	--	--	--
Endrin, Total, (ug/l)	40	0.2	0.08	--	--	--
Heptachlor, Total, (ug/l)	20	0.58	0.013	--	--	--
Heptachlor Epoxide, Total, (ug/l)	2	0.58	0.013	--	--	--

ACDC and 51st Avenue In-Stream Sampling Point	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)			
Sampling Station Identification Number						
Date				2/7/94	3/7/94	5/25/94
Toxaphene, Total, (ug/l)	1000	0.73	0.02	--	--	--
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	NNS	1600	130	--	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	450	4700	3200	--	--	--
1,1,1,2-Tetrachloroethane, Total,(ug/l)				--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	4000	6500	680	--	--	--
1,1,1- Trichloroethane, Total, (ug/l)	13000	20000	1300	--	--	--
1,1,2- Trichloroethane, Total, (ug/l)	560	18000	12000	--	--	--
Trichloroethene, Total, (ug/l)	NNS	20000	1300	--	--	--
1,1- Dichloroethane, Total, (ug/l)	14000	NNS	NNS	--	--	--
1,1- Dichloroethene, Total, (ug/l)	1300	15000	950	--	--	--
1,2- Dichloroethane, Total, (ug/l)	10000	59000	41000	--	--	--
1,2- Dichloropropane, Total, (ug/l)	200	26000	9200	--	--	--
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	180000	9800	--	--	--
cis-1,3-Dichloropropene, (ug/l)	60	3000	1100	--	--	--
trans-1,2- Dichloroethene, (ug/l)	2800	68000	3900	--	--	--
trans-1,3- Dichloropropene, (ug/l)				--	--	--
Benzene, Total, (ug/l)	470	11000	700	--	--	--
Bromodichloromethane, Total, (ug/l)	2800	NNS	NNS	--	--	--
Bromoform, Total, (ug/l)	2800	15000	10000	--	--	--
Carbon Tetrachloride, Total, (ug/l)	8000	18000	1100	--	--	--
Chlorobenzene, Total, (ug/l)	2800	NNS	NNS	--	--	--
Chloroethane, (ug/l)	NNS	NNS	NNS	--	--	--
Chloroform, Total, (ug/l)	1400	14000	900	--	--	--
Ethyl-Benzene, Total, (ug/l)	64000	23000	1400	--	--	--
Methylene Chloride, Total, (ug/l)	27000	97000	5500	--	--	--
Toluene, Total, (ug/l)	42000	8700	180	--	--	--
Trichlorofluoromethane, Total, (ug/l)				--	--	--
Vinyl Chloride, Total, (ug/l)	NNS	NNS	NNS	--	--	--
Chlorodibromomethane, Total, (ug/l)	2800	NNS	NNS	--	--	--
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)				--	--	--
Acetone, Total, (ug/l)				--	--	--
2-Butanone, (ug/l)				--	--	--
Carbon Disulfide, Total, (ug/l)				--	--	--
1,2 Dichloroethene, Total, (ug/l)				--	--	--
Xylenes, Total, (ug/l)	NNS	NNS	NNS	--	--	--
2-Hexanone, Total, (ug/l)				--	--	--
Styrene, Total, (ug/l)	NNS	NNS	NNS	--	--	--
Acrolein, Total, (ug/l)	1300	34	30	--	--	--
Acrylonitirile, Total, (ug/l)				--	--	--
Bromobenzene, Water Whole, Total, (ug/l)				--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)				--	--	--
Methyl Bromide, Total, (ug/l)	200	5500	360	--	--	--
Methyl Chloride, Total, (ug/l)	2800	270000	15000	--	--	--

ACDC and 51st Avenue In-Stream Sampling Point	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)			
Sampling Station Identification Number						
Date				2/7/94	3/7/94	5/25/94
Parachloro Toluene, Total, (ug/l)				--	--	--
Dibromoethane, Total, (ug/l)				--	--	--
Acenaphthene, Total, (ug/l)	8400	850	550	--	--	--
Acenaphthylene, Total, (ug/l)	NNS	NNS	NNS	--	--	--
Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	--	--
Benzidine, Total, (ug/l)	420	1300	89	--	--	--
Benzoic Acid, Total, (ug/l)				--	--	--
Benzo (a) Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	--	--
Benzo (b) Fluoranthene, Total, (ug/l)				--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	NNS	NNS	NNS	--	--	--
Benzo (ghi) Perylene, Total, (ug/l)	NNS	NNS	NNS	--	--	--
Benzo (a) Pyrene, Total, (ug/l)	NNS	NNS	NNS	--	--	--
Benzyl Alcohol, Total, (ug/l)				--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	--	--	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	NNS	120000	6700	--	--	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	5600	NNS	NNS	--	--	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	280000	400	360	--	--	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	180	14	--	--	--
Butyl Benzyl Phthalate, Total, (ug/l)	28000	1700	130	--	--	--
2-Chloronapthalene, Total, (ug/l)	11000	NNS	NNS	--	--	--
2-Chlorophenol, Total, (ug/l)	700	2200	150	--	--	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	--	--	--
Chrysene, Total, (ug/l)	NNS	NNS	NNS	--	--	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	--	--
Di-N-Butyl Phthalate, Total, (ug/l)	14000	470	35	--	--	--
1,3- Dichlorobenzene, Total, (ug/l)	13000	2500	970	--	--	--
1,4- Dichlorobenzene, Total, (ug/l)	13000	2000	780	--	--	--
1,2- Dichlorobenzene, Total, (ug/l)	13000	1200	470	--	--	--
3,3'- Dichlorobenzidine, Total, (ug/l)	NNS	NNS	NNS	--	--	--
2,4- Dichlorophenol, Total, (ug/l)	420	1000	88	--	--	--
Diethyl Phthalate, Total, (ug/l)	110000	26000	1600	--	--	--
2,4- Dimethylphenol, Total, (ug/l)	NNS	1100	310	--	--	--
Dimethyl Phthalate, Total, (ug/l)	NNS	17000	1000	--	--	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	NNS	310	24	--	--	--
2,4- Dinitrophenol, Total, (ug/l)	280	110	9.2	--	--	--
2,4- Dinitrotoluene, Total, (ug/l)	NNS	15000	970	--	--	--
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	--	--	--
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	--	--	--
Fluoranthene, Total, (ug/l)	5600	2000	1600	--	--	--
Fluorene, Total, (ug/l)	5600	NNS	NNS	--	--	--
Hexachlorobenzene, Total, (ug/l)	100	NNS	NNS	--	--	--
Hexachlorobutadiene, Total, (ug/l)	280	45	8.2	--	--	--
Hexachlorocyclopentadiene, Total, (ug/l)	1000	3.5	0.3	--	--	--
Hexachloroethane, Total, (ug/l)	140	490	350	--	--	--

ACDC and 51st Avenue In-Stream Sampling Point	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)			
Sampling Station Identification Number						
Date				2/7/94	3/7/94	5/25/94
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	NNS	NNS	NNS	--	--	--
Isophorone, Total, (ug/l)	28000	59000	43000	--	--	--
Naphthalene, Total, (ug/l)	560	3300	600	--	--	--
Nitrobenzene, Total, (ug/l)	70	13000	850	--	--	--
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	--	--	--
4-Nitrophenol, Total, (ug/l)	NNS	4100	3000	--	--	--
N-Nitrosodiphenylamine, Total, (ug/l)	NNS	2900	200	--	--	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	NNS	NNS	NNS	--	--	--
Pentachlorophenol, Total, (ug/l)	2000	I	I	--	--	--
Phenanthrene, Total, (ug/l)	NNS	54	6.3	--	--	--
Phenol, Total, (ug/l)				--	--	--
Pyrene, Total, (ug/l)	4200	NNS	NNS	--	--	--
1,2,4-Trichlorobenzene, Total, (ug/l)	2800	NNS	NNS	--	--	--
2,4,5- Trichlorophenol, Total, (ug/l)				--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	NNS	160	25	--	--	--
N-Nitrosodimethylamine, Total, (ug/l)	NNS	NNS	NNS	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	NNS	130	11	--	--	--
Dichlorodifluoromethane, Total, (ug/l)				--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)				--	--	--

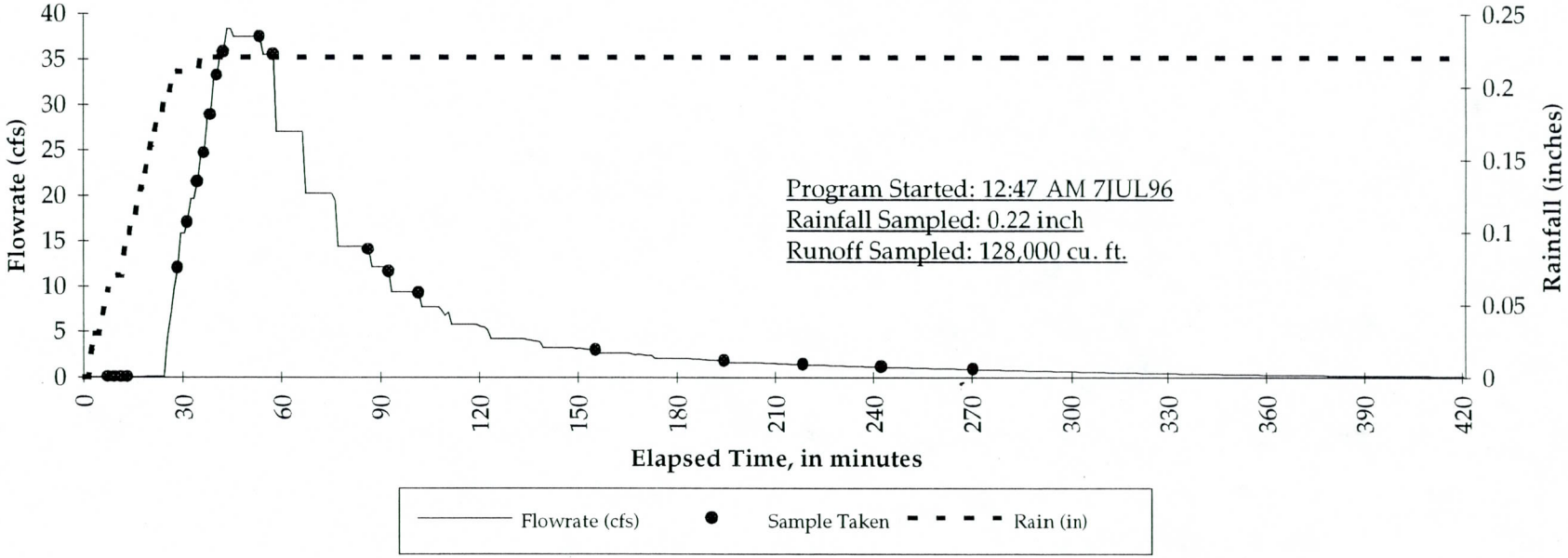
STORM HYDROGRAPHS

SR-03

North bank of Salt River and 35th Avenue

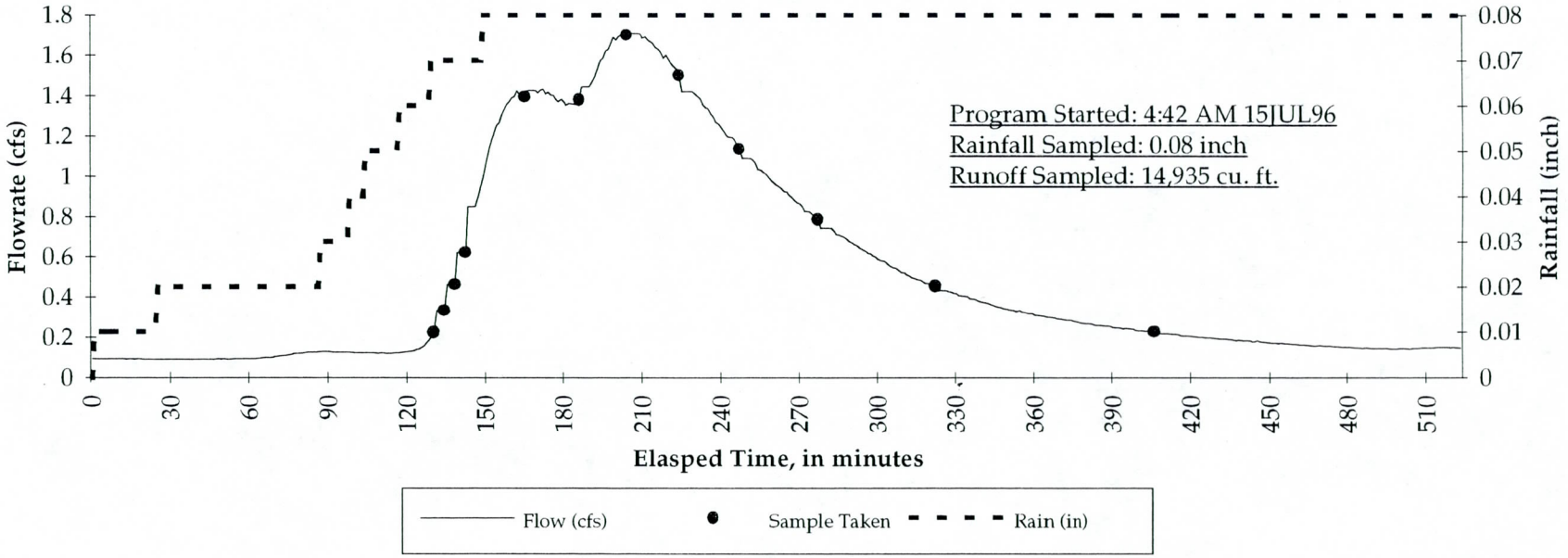
Phoenix SR-03: Salt River and 35th Avenue

7 July 1996



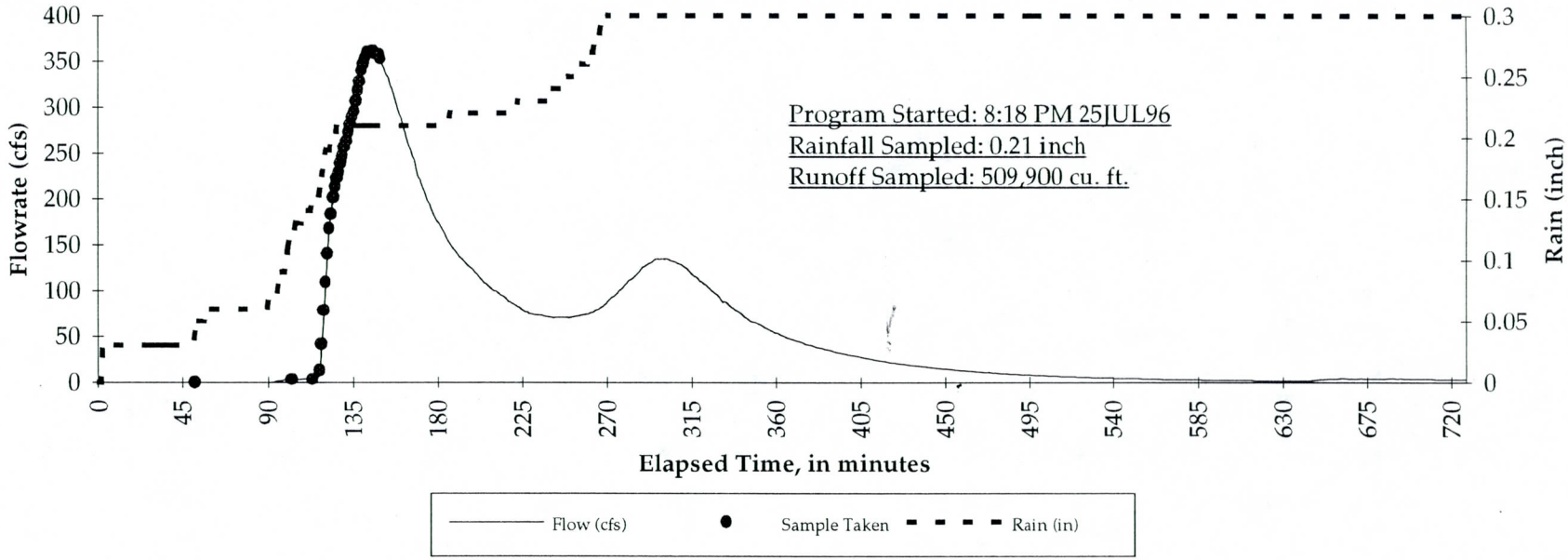
Phoenix SR-03: Salt River and 35th Avenue

15 July 1996



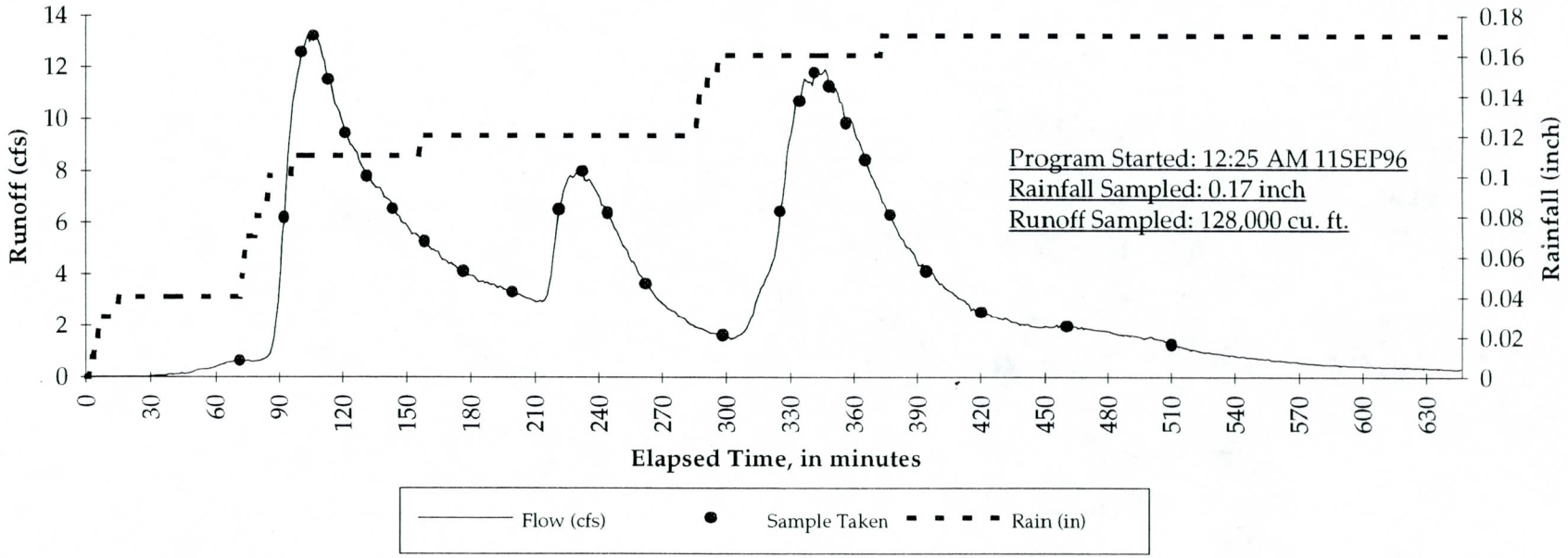
Phoenix SR-03: Salt River and 35th Avenue

25 July 1996



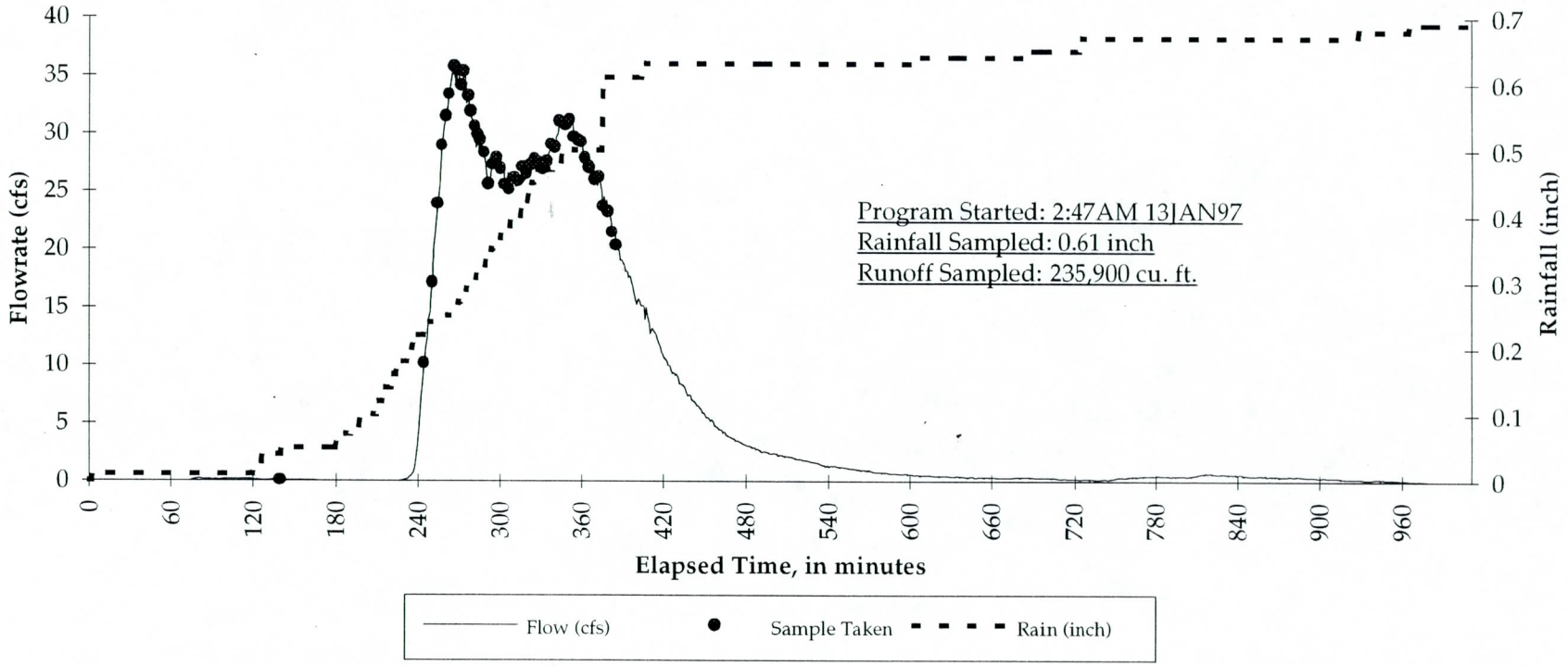
Phoenix SR-03: Salt River and 35th Avenue

11 September 1996



Phoenix SR-03: Salt River and 35th Avenue

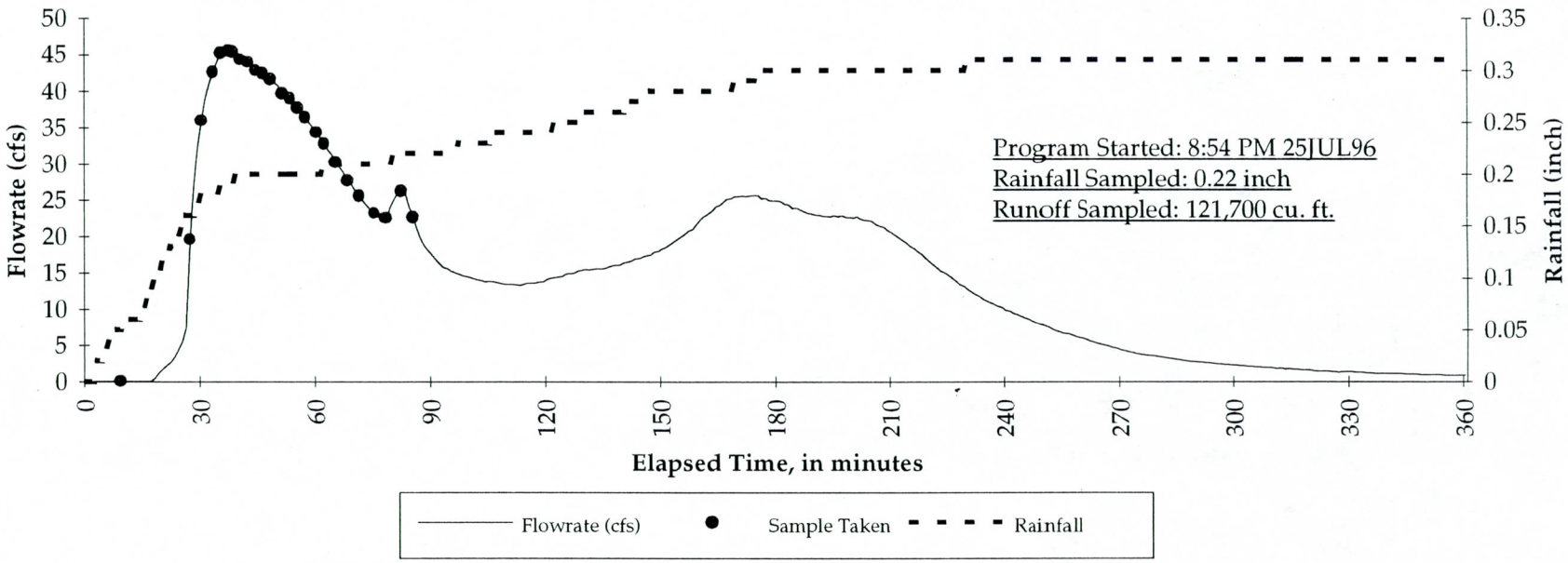
13 January 1997



SR-21
North bank Salt River at I-10

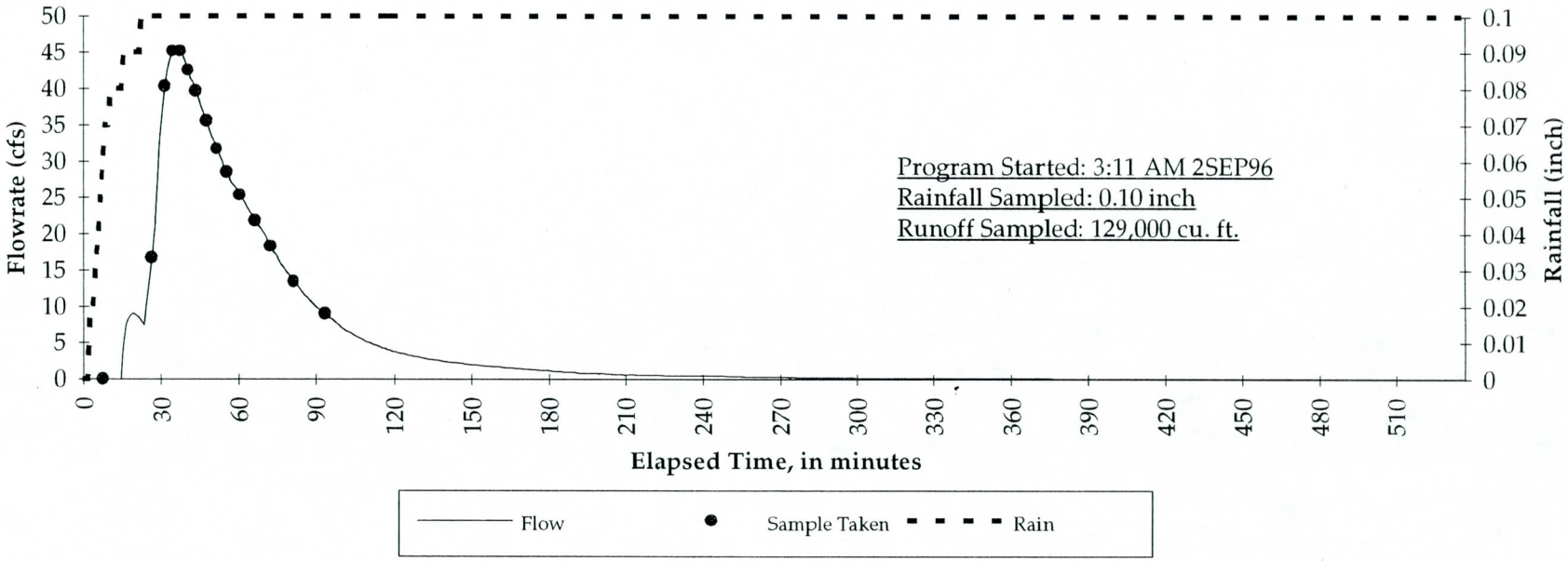
Phoenix SR-21: Salt River at Sky Harbor Airport

25 July 1996



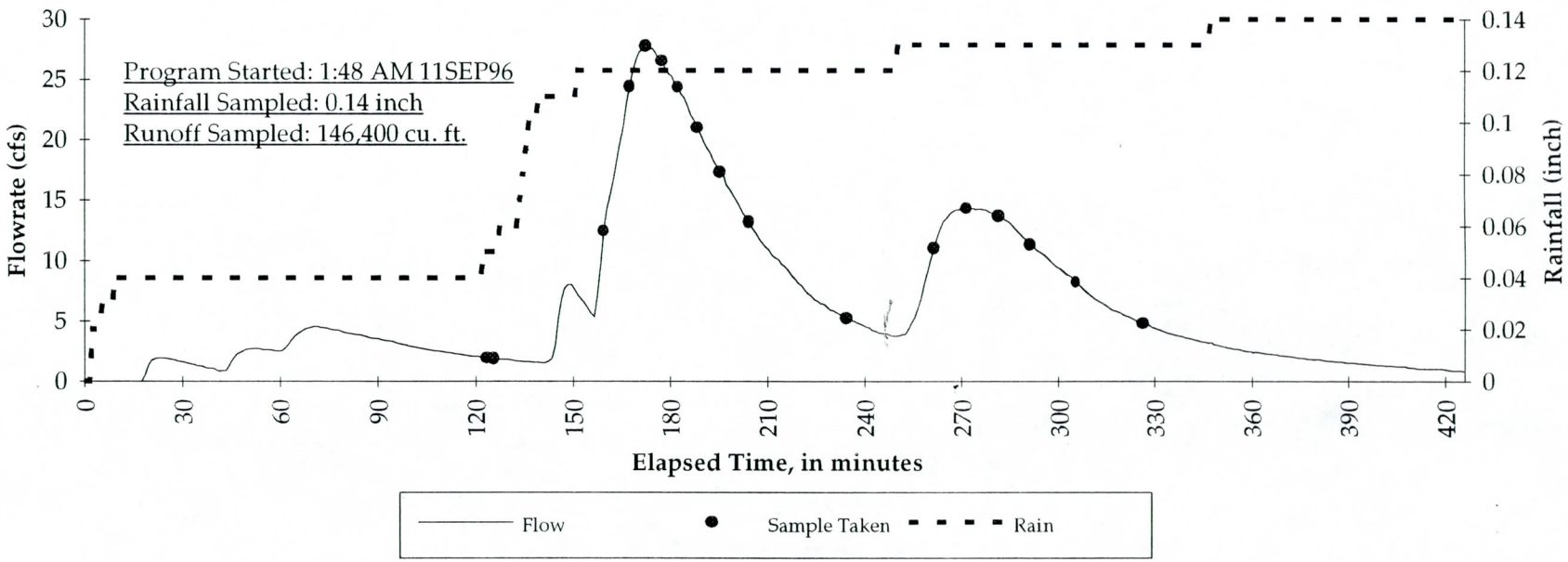
Phoenix SR-21: Sky Harbor Airport

2 September 1996



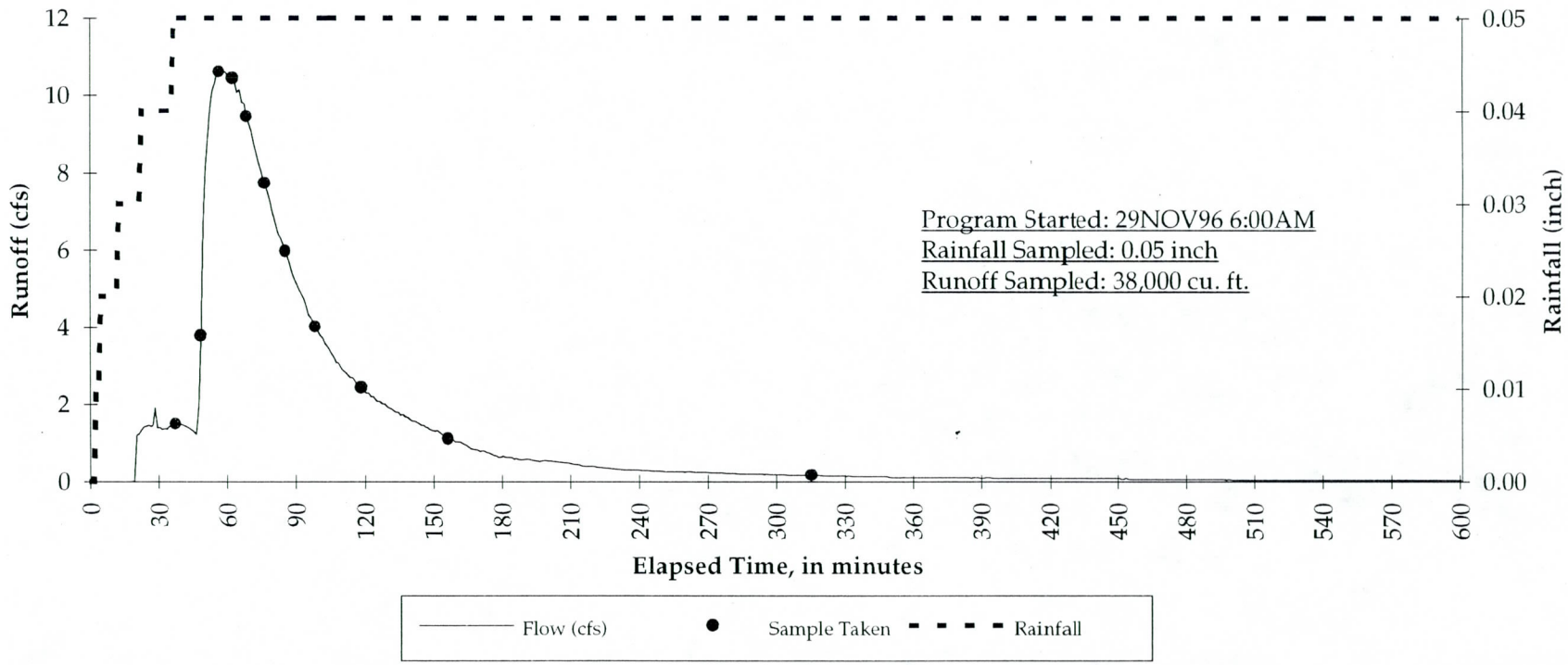
Phoenix SR-21: Sky Harbor Airport

11 September 1996



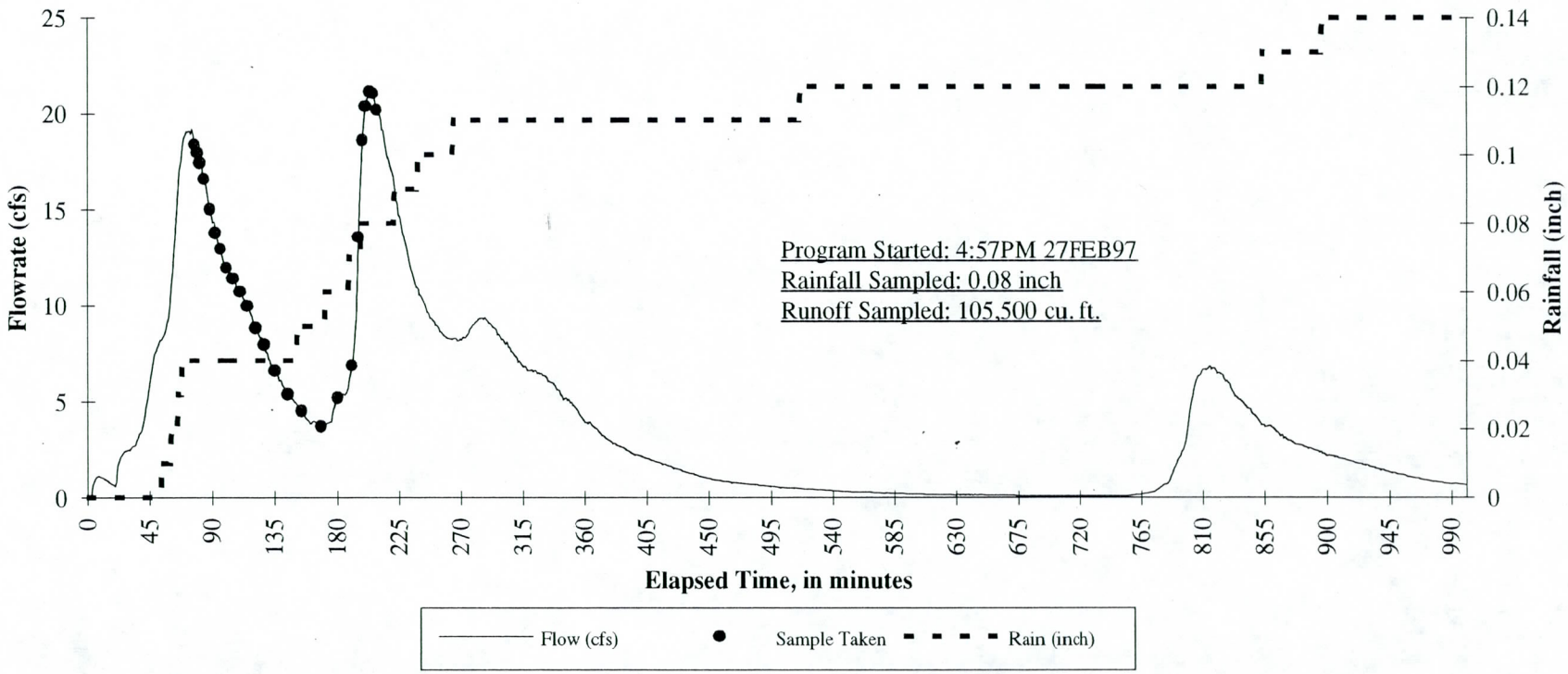
Phoenix SR-21: Salt River at I-10

29 November 1996



Phoenix SR-21: Salt River and I-10

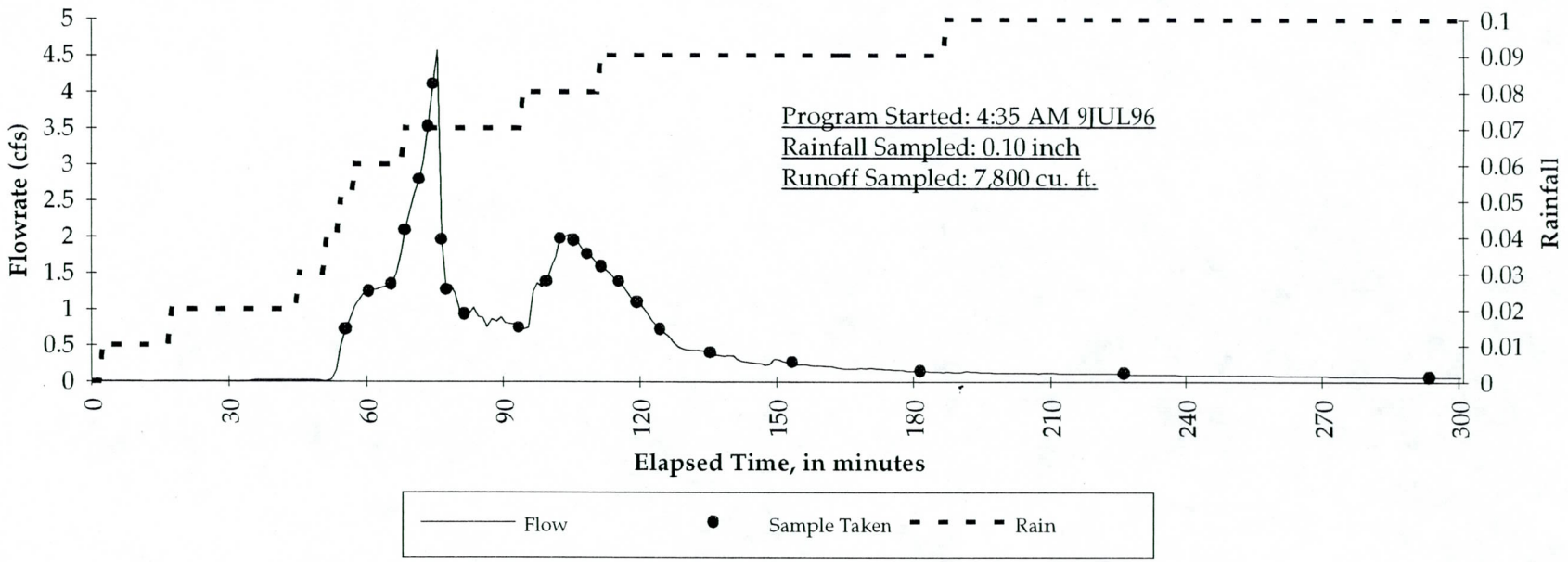
27 February 1997



SR-45
South bank Salt River at 40th Street

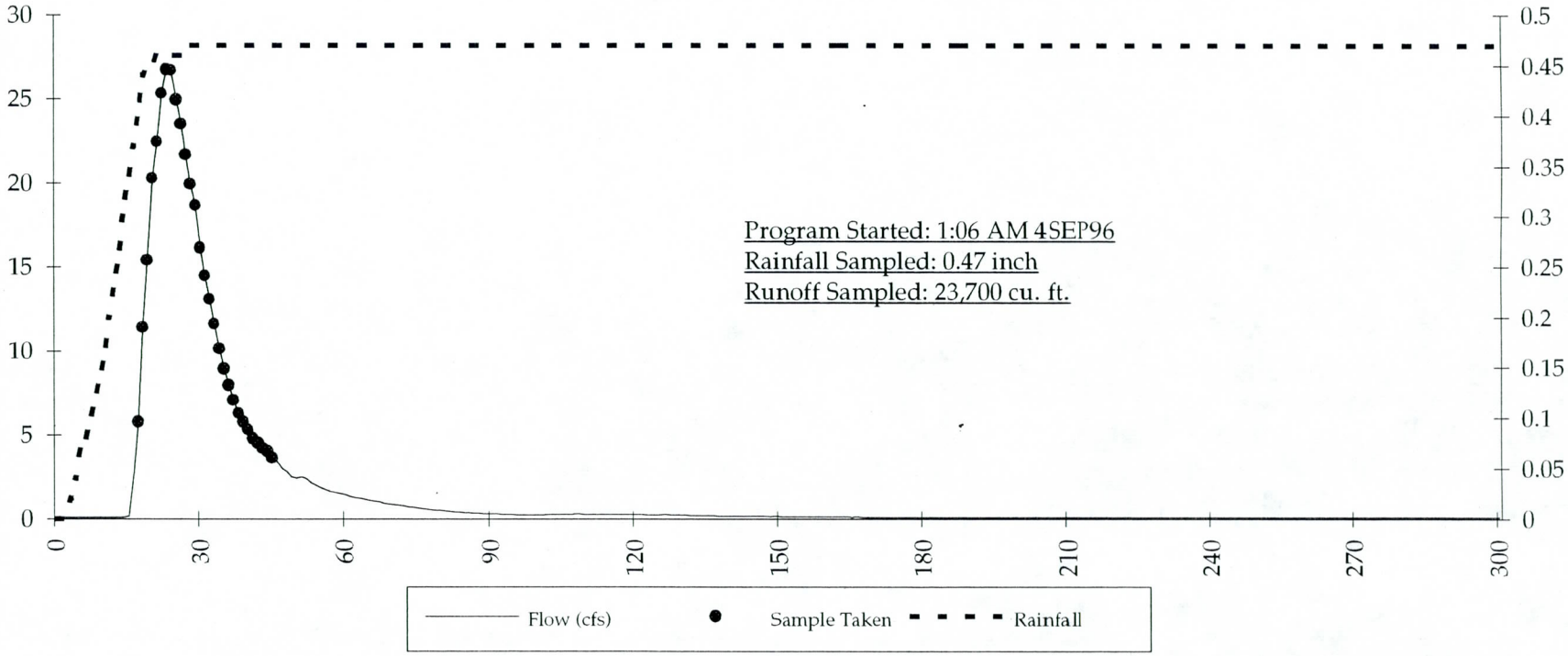
Phoenix SR-45: Salt River and 40th Street

9 July 1996



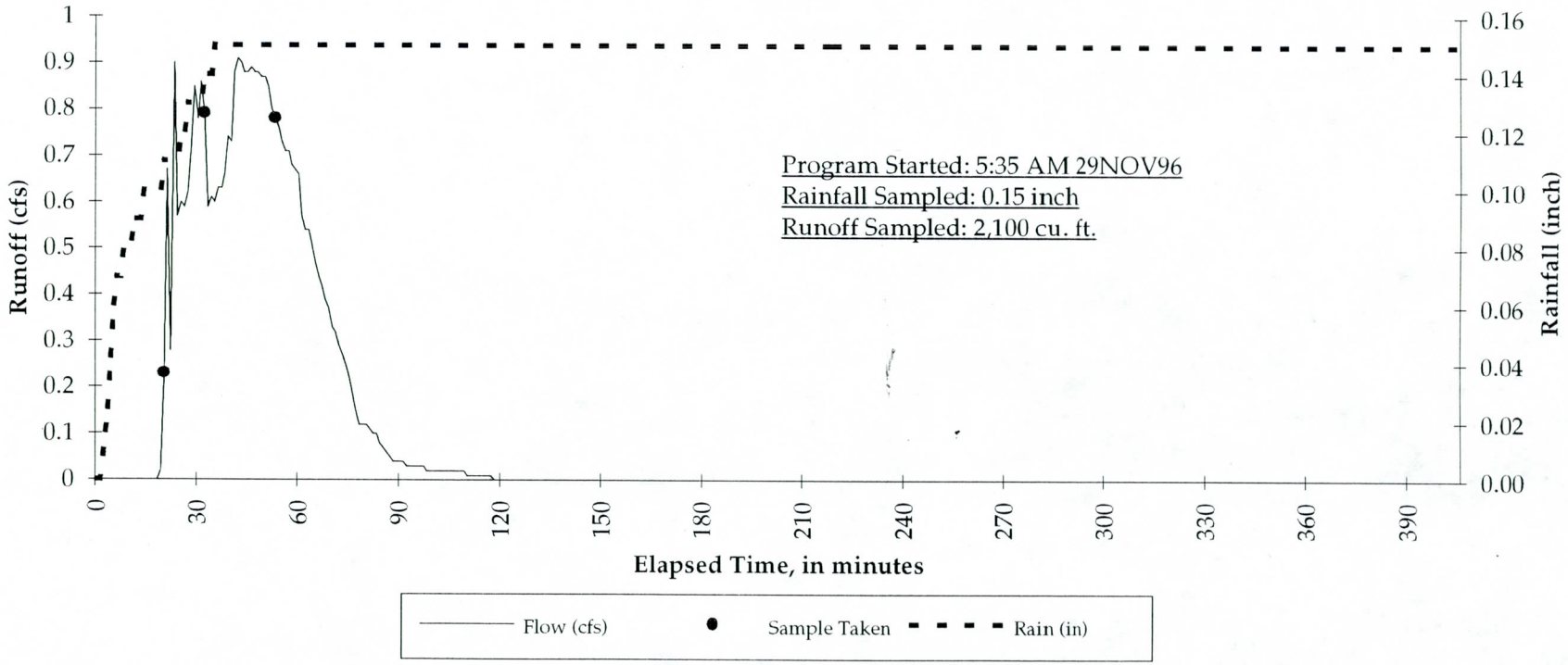
Phoenix SR-45: Salt River and 40th Street

4 September 1996



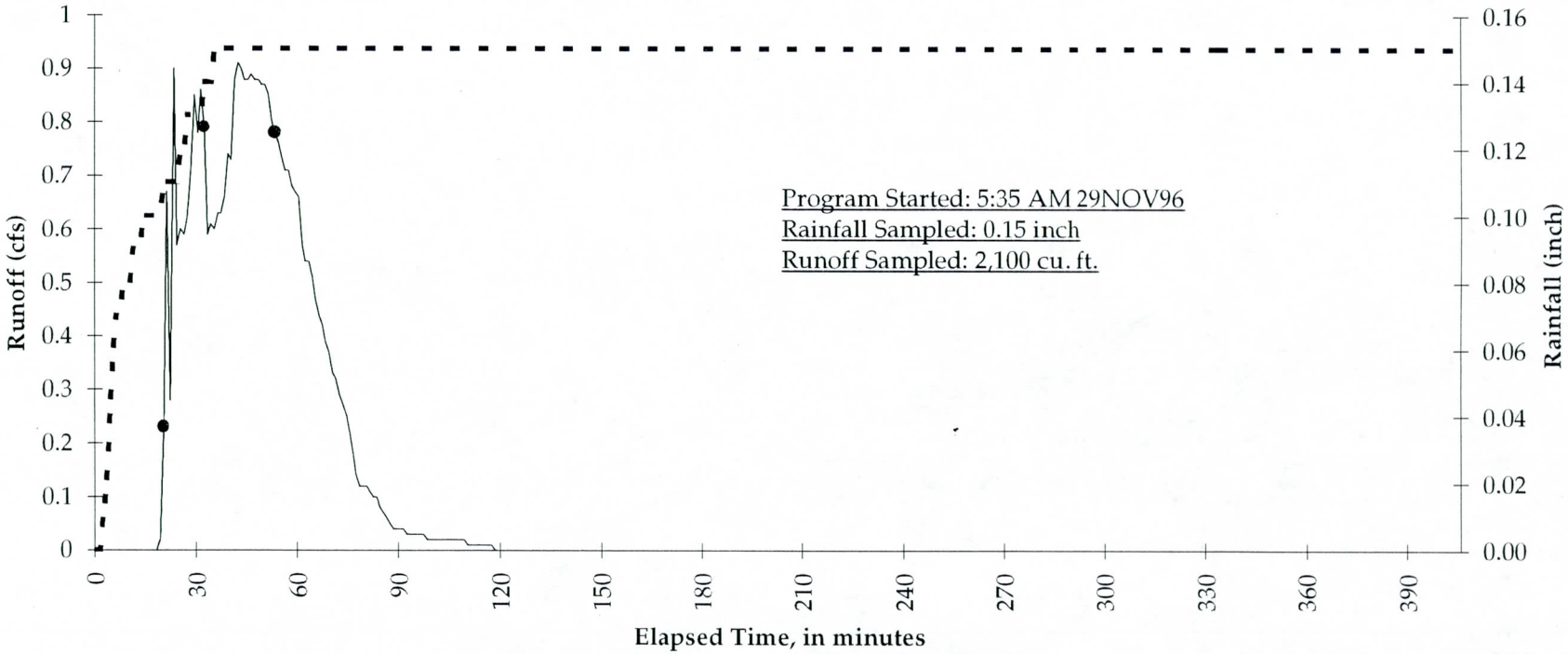
Phoenix SR-45: Salt River and 40th Street

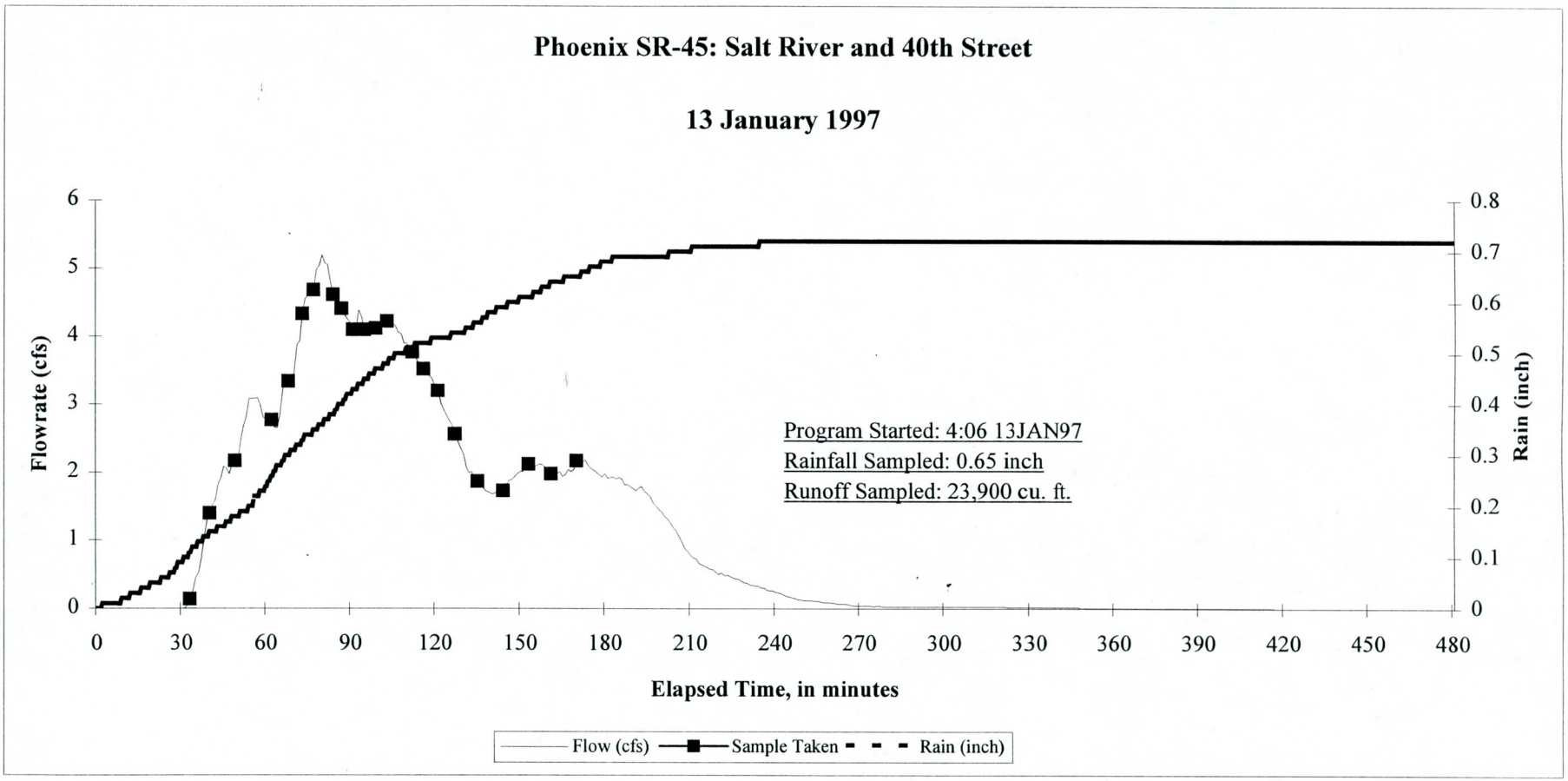
29 November 1996



Phoenix SR-45: Salt River and 40th Street

29 November 1996

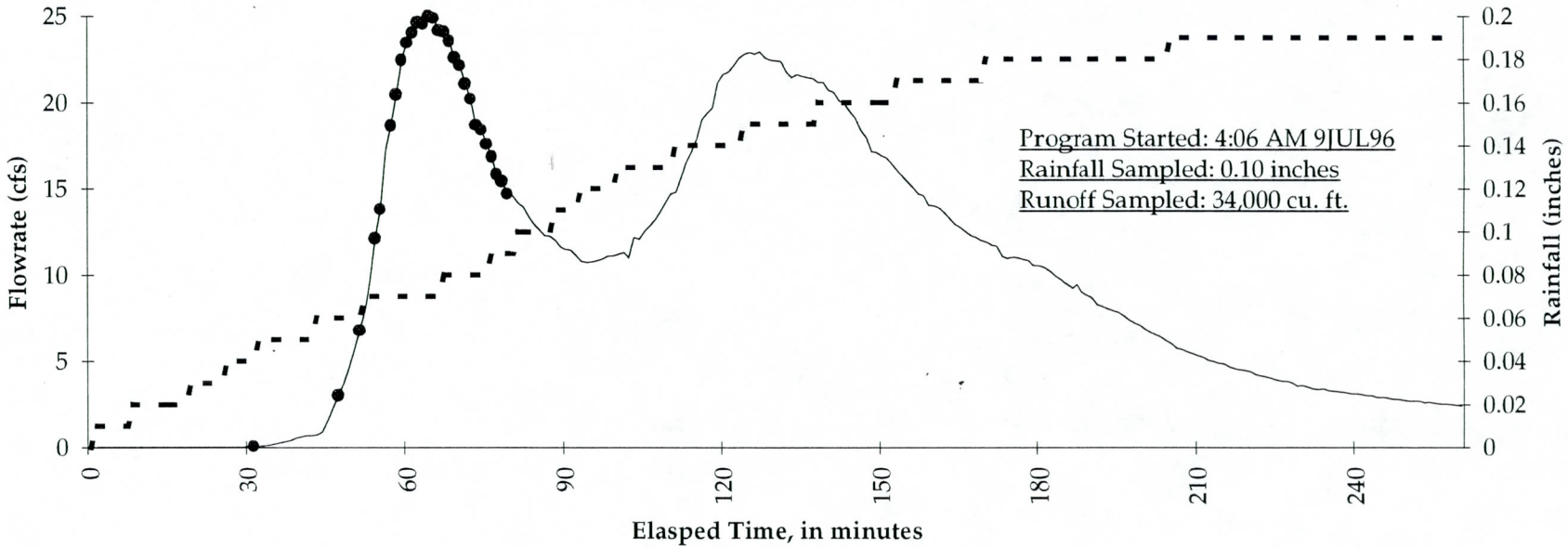



Phoenix SR-45: Salt River and 40th Street
13 January 1997
Flowrate (cfs)
Rain (inch)
Elapsed Time, in minutes
Program Started: 4:06 13JAN97
Rainfall Sampled: 0.65 inch
Runoff Sampled: 23,900 cu. ft.
Flow (cfs)
Sample Taken
Rain (inch)

IB-08
Indian Bend Wash at 40th Street

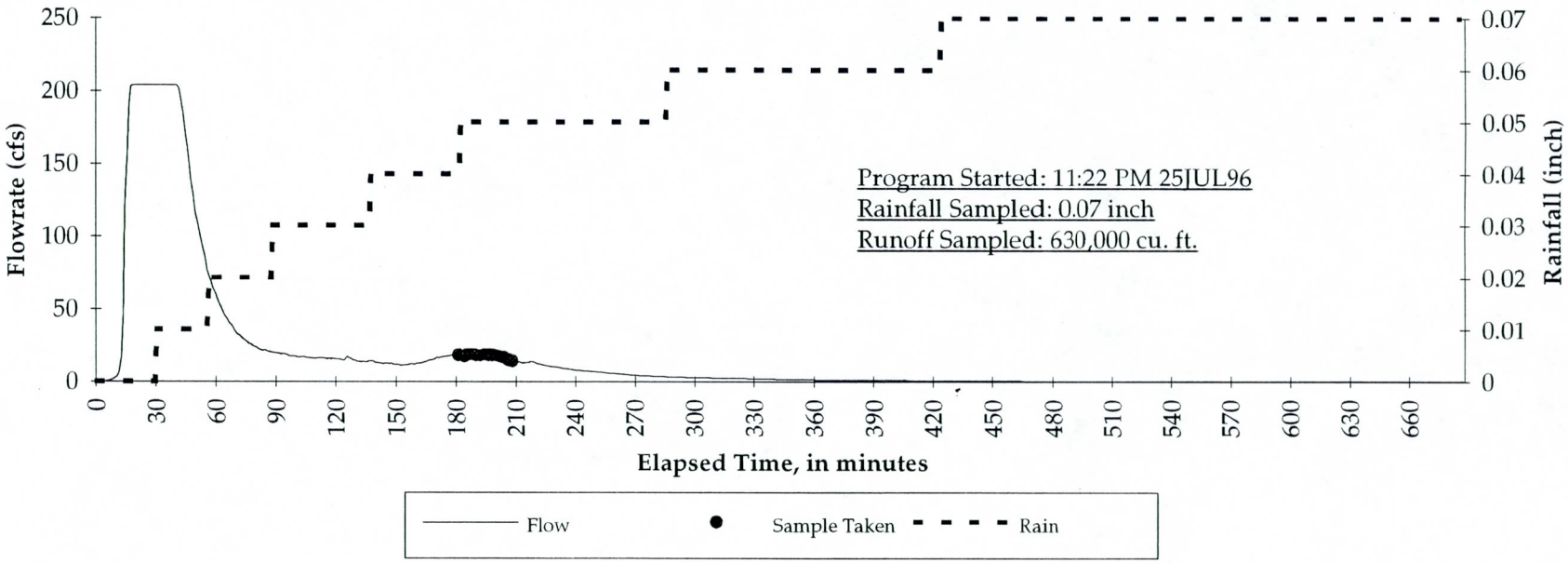
Phoenix IB-08

9 July 1996



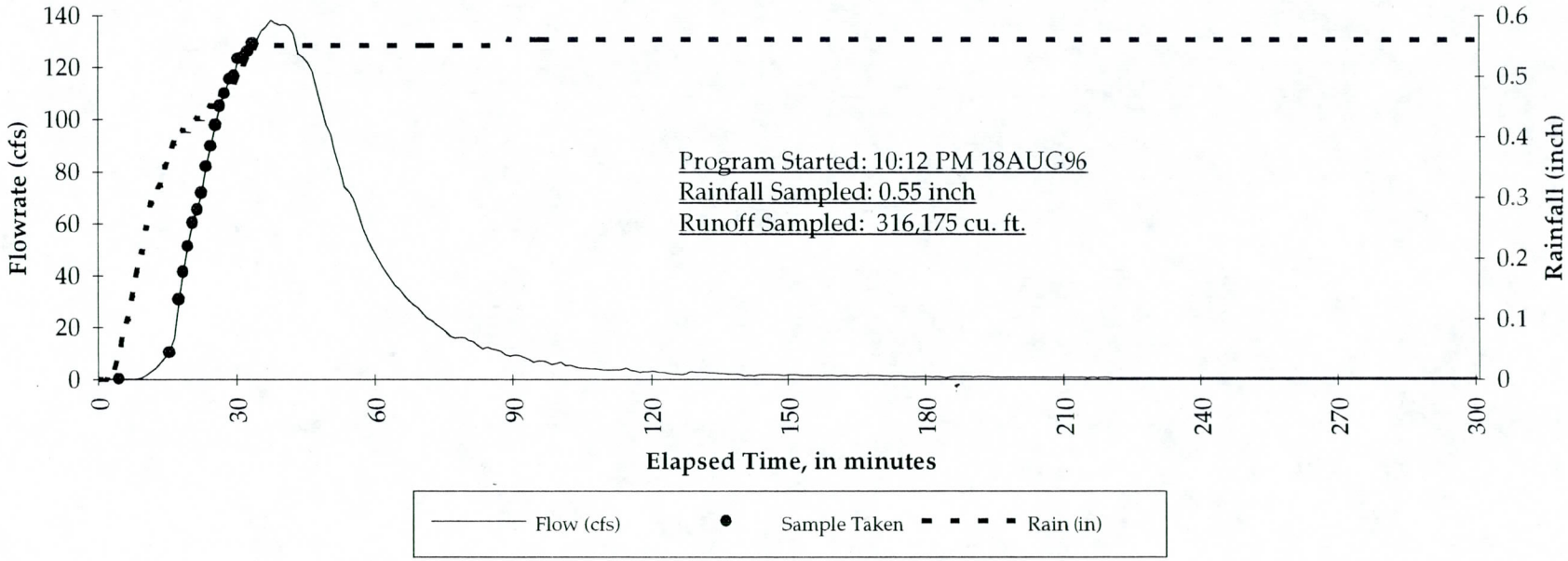
Phoenix IB-08: Indian Bend Wash and 40th Street

25 July 1996



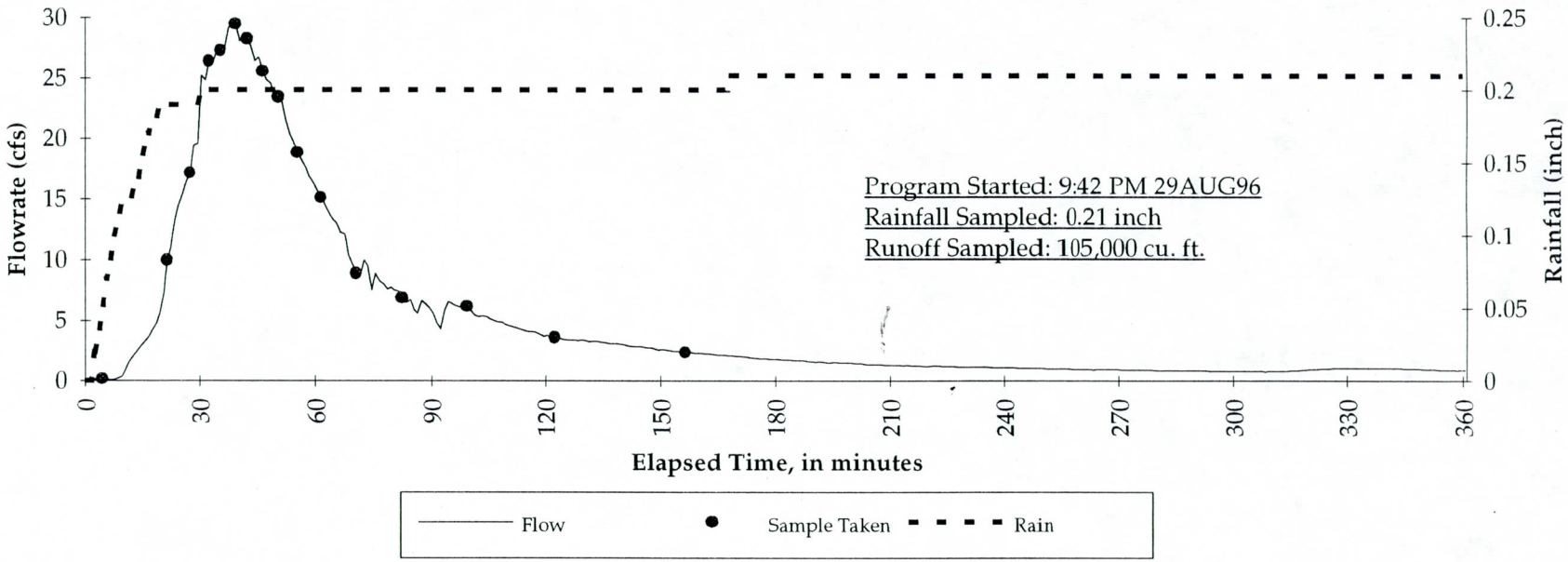
Phoenix IB-08: IBW and 40th Street

18 August 1996



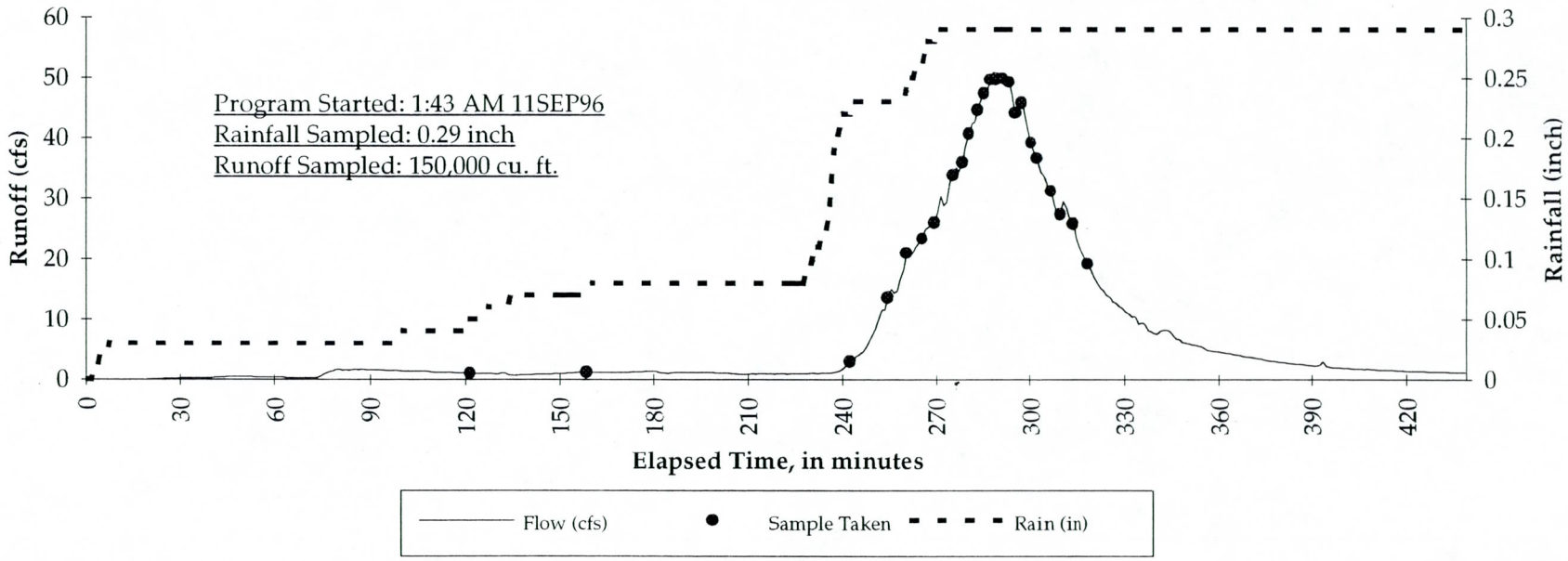
Phoenix IB-08: IBW at 40th Street

29 August 1996



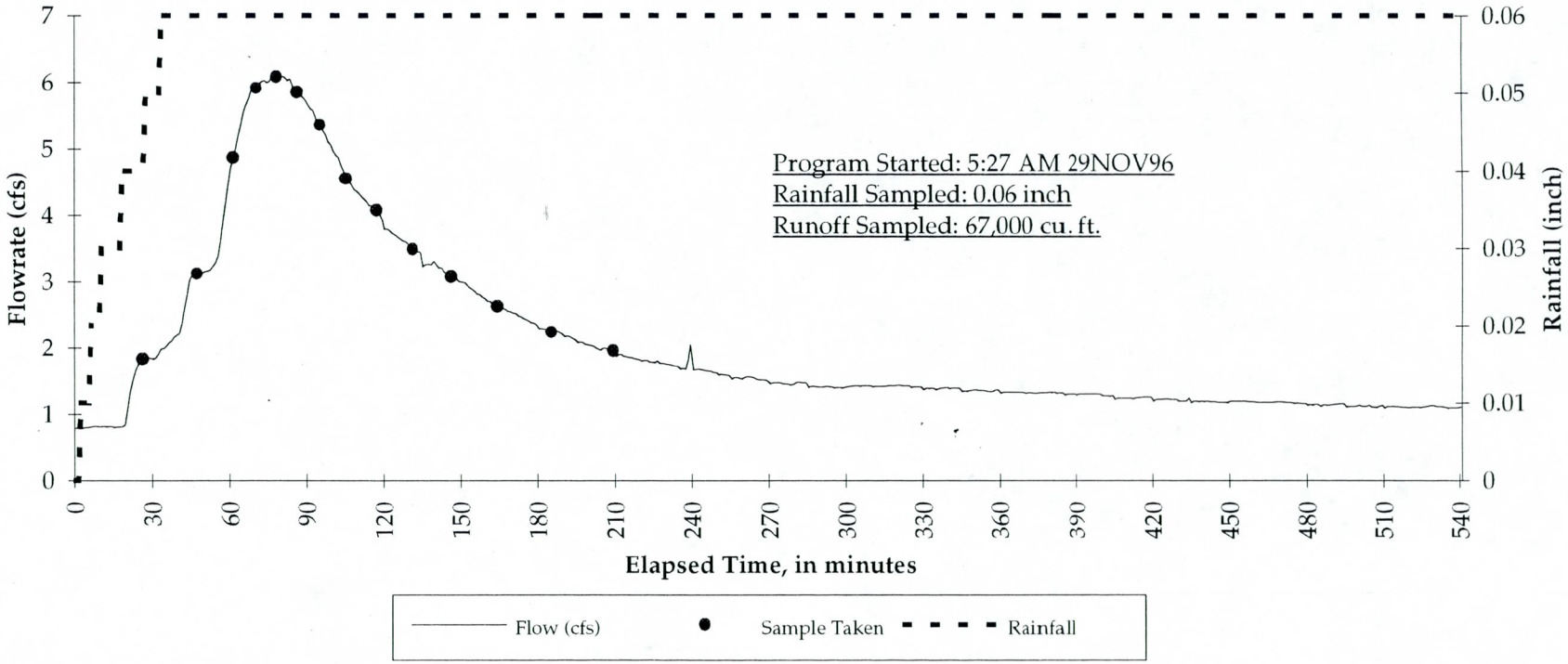
Phoenix IB-08: IBW and 40th Street

11 September 1996



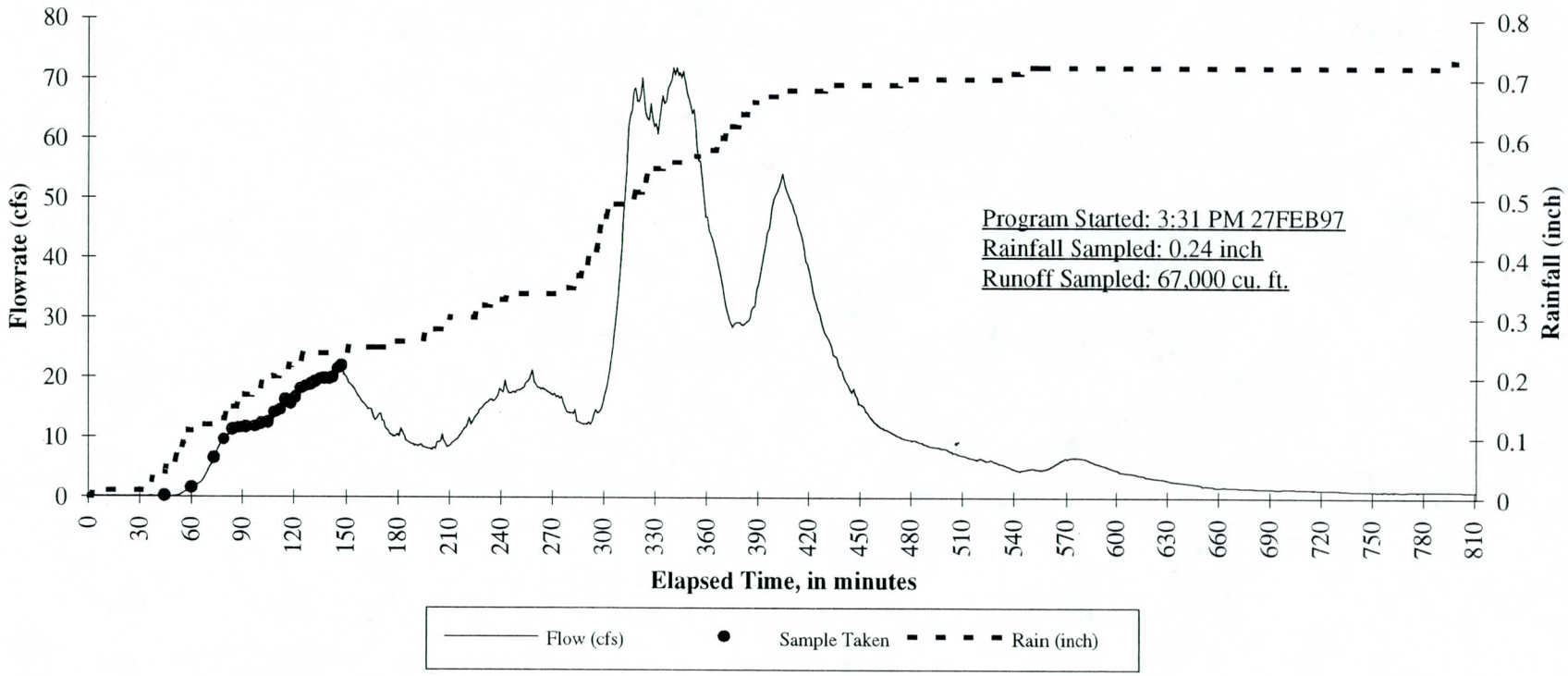
IB-08: Indian Bend Wash and 40th Street

29 November 1996



Phoenix IB-08: Indian Bend Wash and 40th Street

27 February 1997



PRECIPITATION DATA

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Durango Complex (gage # 4700) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.12									
3										.20		
4												
5												
6	.28		.04									
7												
8												
9	.67		.04									
10			.08									
11			.20									
12												
13			.20				.67					
14				.04			.08					
15	.08											
16	.08											
17												
18												
19												
20												
21												
22					.04							
23												
24												
25	.43											
26	.04						.04					
27	.16							.31				
28								.12				
29					.08							
30												
31												
SUM	1.73	0.00	0.67	0.04	0.12	0.00	0.79	0.43	0.00	0.20	0.00	0.00
ACC	1.73	1.73	2.40	2.44	2.56	2.56	3.35	3.78	3.78	3.98	3.98	3.98
MAX	0.67	0.00	0.20	0.04	0.08	0.00	0.67	0.31	0.00	0.20	0.00	0.00
NO.	7	0	6	1	2	0	3	2	0	1	0	0

Maximum Daily Rainfall	0.67
Maximum Monthly Rainfall	1.73
Total Annual Rainfall	3.98
Number of Days with Rain	22

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Cesar Chavez Park (gage # 4500) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2												
3										.20		
4												
5												
6	.35											
7												
8												
9	.08		.08									
10												
11			.04									
12												
13			.20				.67					
14				.16			.04					
15	.04											
16												
17												
18												
19												
20												
21												
22					.08							
23												
24												
25	.51											
26	.04						.04					
27								.20				
28								.08				
29	.16				.08							
30												
31												
SUM	1.18	0.00	0.31	0.16	0.16	0.00	0.75	0.28	0.00	0.20	0.00	0.00
ACC	1.18	1.18	1.50	1.65	1.81	1.81	2.56	2.83	2.83	3.03	3.03	3.03
MAX	0.51	0.00	0.20	0.16	0.08	0.00	0.67	0.20	0.00	0.20	0.00	0.00
NO.	6	0	3	1	2	0	3	2	0	1	0	0

Maximum Daily Rainfall	0.67
Maximum Monthly Rainfall	1.18
Total Annual Rainfall	3.03
Number of Days with Rain	18

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Cave Creek @ Cactus (gage # 4830) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.16							.04		
3										.20		
4												
5												
6			.20									
7												
8												
9			.16									
10												
11	.16		.63									
12							.08					
13							.43					
14	.24	.20					.04					
15	.20											
16	.28											
17												
18												
19												
20												
21												
22												
23												
24												
25	.51							.08				
26							.04					
27								.51				
28								.08				
29		.12										
30												
31												
SUM	1.38	0.31	1.14	0.00	0.00	0.00	0.59	0.67	0.00	0.24	0.00	0.00
ACC	1.38	1.69	2.83	2.83	2.83	2.83	3.43	4.09	4.09	4.33	4.33	4.33
MAX	0.51	0.20	0.63	0.00	0.00	0.00	0.43	0.51	0.00	0.20	0.00	0.00
NO.	5	2	4	0	0	0	4	3	0	2	0	0

Maximum Daily Rainfall	0.63
Maximum Monthly Rainfall	1.38
Total Annual Rainfall	4.33
Number of Days with Rain	20

Flood Control District of Maricopa County ALERT System
Daily Rainfall at New River @ Bell (gage # 5595) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2		.16								.04		
3							.16			.20		
4												
5												
6			1.30									
7	.04											
8												
9	.24		.04									
10			.04									
11			.51									
12			.04									
13			.04				.47					
14	.71	1.30										
15	.24											
16												
17												
18												
19												
20												
21												
22					.04							
23												
24												
25	.67											
26												
27								1.02				
28								.28				
29		.51										
30												
31												
SUM	1.89	1.97	1.97	0.00	0.04	0.00	0.63	1.30	0.00	0.24	0.00	0.00
ACC	1.89	3.86	5.83	5.83	5.87	5.87	6.50	7.80	7.80	8.03	8.03	8.03
MAX	0.71	1.30	1.30	0.00	0.04	0.00	0.47	1.02	0.00	0.20	0.00	0.00
NO.	5	3	6	0	1	0	2	2	0	2	0	0

Maximum Daily Rainfall	1.30
Maximum Monthly Rainfall	1.97
Total Annual Rainfall	8.03
Number of Days with Rain	21

Flood Control District of Maricopa County ALERT System
Daily Rainfall at ACDC @ 43rd Ave. (gage # 4820) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.20							.04		
3										.16		
4												
5												
6			.20									
7												
8												
9	1.02		.08									
10												
11			1.26									
12												
13			.04				.35					
14	.20	.28										
15	.24											
16	.04											
17												
18												
19												
20												
21												
22												
23												
24												
25	1.10											
26							.04	.08				
27	.04							.59				
28								.04				
29												
30												
31												
SUM	2.64	0.28	1.77	0.00	0.00	0.00	0.39	0.71	0.00	0.20	0.00	0.00
ACC	2.64	2.91	4.69	4.69	4.69	4.69	5.08	5.79	5.79	5.98	5.98	5.98
MAX	1.10	0.28	1.26	0.00	0.00	0.00	0.35	0.59	0.00	0.16	0.00	0.00
NO.	6	1	5	0	0	0	2	3	0	2	0	0

Maximum Daily Rainfall	1.26
Maximum Monthly Rainfall	2.64
Total Annual Rainfall	5.98
Number of Days with Rain	19

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Skunk Creek @ I-17 (gage # 5565) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.63							.04		
3										.12		
4												
5												
6			.04									
7												
8												
9	.04											
10			.04									
11	.04		.63									
12							.04					
13							.35	.04				
14	1.02	.75	.12									
15	.16											
16												
17												
18		.12										
19		.20										
20												
21												
22					.04							
23					.04							
24												
25	.24							.04				
26							.04					
27	.04							.79				
28								.04				
29												
30												
31												
SUM	1.54	1.06	1.46	0.00	0.08	0.00	0.43	0.91	0.00	0.16	0.00	0.00
ACC	1.54	2.60	4.09	4.09	4.17	4.17	4.72	5.63	5.63	5.79	5.79	5.79
MAX	1.02	0.75	0.63	0.00	0.04	0.00	0.35	0.79	0.00	0.12	0.00	0.00
NO.	6	3	5	0	2	0	3	4	0	2	0	0

Maximum Daily Rainfall	1.02
Maximum Monthly Rainfall	1.54
Total Annual Rainfall	5.79
Number of Days with Rain	25

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Adobe Dam (gage # 5535) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.08									
3							.08			.12		
4												
5												
6			1.06									
7												.04
8												
9	.16											
10												
11			.59									
12			.16				.04					
13			.04				.35					
14	.67	.59										
15	.24											
16												
17												
18												
19												
20												
21												
22					.04							
23												
24												
25	.39											
26												
27								1.10				
28								.20				
29		.08										
30												
31	.24											
SUM	1.69	0.67	1.93	0.00	0.04	0.00	0.47	1.30	0.00	0.12	0.00	0.04
ACC	1.69	2.36	4.29	4.29	4.33	4.33	4.80	6.10	6.10	6.22	6.22	6.26
MAX	0.67	0.59	1.06	0.00	0.04	0.00	0.35	1.10	0.00	0.12	0.00	0.04
NO.	5	2	5	0	1	0	3	2	0	1	0	1

Maximum Daily Rainfall	1.10
Maximum Monthly Rainfall	1.93
Total Annual Rainfall	6.26
Number of Days with Rain	20

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Missouri @ 16th St. (gage # 4780) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.28							.04		
3										.28		
4												
5												
6	.12		.35									
7												
8												
9	.39		.35				.04					
10			.04									
11			.87									
12												
13			.04				.55					
14				.12			.08					
15	.08											
16												
17												
18											.12	
19												
20												
21												
22					.04							
23												
24												
25	.79							.04				
26							.08					
27	.39							.51				
28								.12				
29		.20										
30												
31												
SUM	1.77	0.20	1.93	0.12	0.04	0.00	0.75	0.67	0.00	0.31	0.12	0.00
ACC	1.77	1.97	3.90	4.02	4.06	4.06	4.80	5.47	5.47	5.79	5.91	5.91
MAX	0.79	0.20	0.87	0.12	0.04	0.00	0.55	0.51	0.00	0.28	0.12	0.00
NO.	5	1	6	1	1	0	4	3	0	2	1	0

Maximum Daily Rainfall	0.87
Maximum Monthly Rainfall	1.93
Total Annual Rainfall	5.91
Number of Days with Rain	24

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Deer Valley Airport (gage # 5550) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.16							.08		
3							.16			.16		
4												
5												
6			.12									
7												
8												
9	.63											
10												
11	.12		.59									
12			.12				.08					
13			.20				.55					
14	1.38	.63		.20								
15	.12											
16	.08											
17												
18											.04	
19												
20												
21												
22					.08							
23												
24												
25	.47							.04				
26												
27								1.06				
28								.31				
29		.51										
30												
31												
SUM	2.80	1.14	1.18	0.20	0.08	0.00	0.79	1.42	0.00	0.24	0.04	0.00
ACC	2.80	3.94	5.12	5.31	5.39	5.39	6.18	7.60	7.60	7.83	7.87	7.87
MAX	1.38	0.63	0.59	0.20	0.08	0.00	0.55	1.06	0.00	0.16	0.04	0.00
NO.	6	2	5	1	1	0	3	3	0	2	1	0

Maximum Daily Rainfall	1.38
Maximum Monthly Rainfall	2.80
Total Annual Rainfall	7.87
Number of Days with Rain	24

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Thomas @ 48th St. (gage # 4750) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.24							.08		
3										.16		
4			.43									
5												
6			.43									
7												
8		.08										
9	.51											
10												
11			.08									
12	.04											
13							.87					
14				.12			.08					
15	.08											
16												
17												
18		.35										
19												
20												
21												
22					.04							
23												
24												
25	.67							.04				
26				.12			.08					
27								.47				
28								.16				
29		.08			.12							
30												
31												
SUM	1.30	0.51	1.18	0.24	0.16	0.00	1.02	0.67	0.00	0.24	0.00	0.00
ACC	1.34	1.89	3.07	3.31	3.46	3.46	4.49	5.16	5.16	5.39	5.39	5.39
MAX	0.67	0.35	0.43	0.12	0.12	0.00	0.87	0.47	0.00	0.16	0.00	0.00
NO.	4	3	4	2	2	0	3	3	0	2	0	0

Maximum Daily Rainfall	0.87
Maximum Monthly Rainfall	1.34
Total Annual Rainfall	5.39
Number of Days with Rain	23

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2										.04		
3										.24		
4			.04									
5												
6	.20											
7												
8												
9	.31		.04									
10												
11			.35									
12												
13			.04				.83					
14				.12			.08					
15	.04											
16												
17												
18											.04	
19												
20												
21												
22					.04							
23												
24												
25	.59											
26	.04			.43			.08					
27								.24				
28								.08				
29		.04			.04							
30												
31												
SUM	1.18	0.04	0.47	0.55	0.08	0.00	0.98	0.31	0.00	0.28	0.04	0.00
ACC	1.18	1.22	1.69	2.24	2.32	2.32	3.31	3.62	3.62	3.90	3.94	3.94
MAX	0.59	0.04	0.35	0.43	0.04	0.00	0.83	0.24	0.00	0.24	0.04	0.00
NO.	5	1	4	2	2	0	3	2	0	2	1	0

Maximum Daily Rainfall	0.83
Maximum Monthly Rainfall	1.18
Total Annual Rainfall	3.94
Number of Days with Rain	22

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Greenway & 32nd Ave (gage # 4840) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.12							.04		
3							.04			.16		
4							.04					
5												
6			.39									
7												
8												
9	.43		.04									
10												
11	.04		.79									
12			.16									
13							.39					
14	.59	.55		.08								
15	.24											
16	.16											
17												
18												
19												
20												
21												
22												
23												
24												
25	.51											
26												
27								.75				
28								.12				
29		.43										
30												
31												
SUM	1.97	0.98	1.50	0.08	0.00	0.00	0.47	0.87	0.00	0.20	0.00	0.00
ACC	1.97	2.95	4.45	4.53	4.53	4.53	5.00	5.87	5.87	6.06	6.06	6.06
MAX	0.59	0.55	0.79	0.08	0.00	0.00	0.39	0.75	0.00	0.16	0.00	0.00
NO.	6	2	5	1	0	0	3	2	0	2	0	0

Maximum Daily Rainfall	0.79
Maximum Monthly Rainfall	1.97
Total Annual Rainfall	6.06
Number of Days with Rain	21

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Jefferson @ 4th Ave (gage # 4710) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.24									
3										.20		
4												
5												
6	.16		.28									
7												
8												
9	.67											
10			.04									
11			.39									
12												
13			.08				.67					
14				.28			.04					
15	.04											
16												
17												
18												
19												
20												
21												
22					.04							
23												
24												
25	.51											
26							.08					
27								.31				
28								.12				
29					.04							
30												
31												
SUM	1.38	0.00	1.02	0.28	0.08	0.00	0.79	0.43	0.00	0.20	0.00	0.00
ACC	1.38	1.38	2.40	2.68	2.76	2.76	3.54	3.98	3.98	4.17	4.17	4.17
MAX	0.67	0.00	0.39	0.28	0.04	0.00	0.67	0.31	0.00	0.20	0.00	0.00
NO.	4	0	5	1	2	0	3	2	0	1	0	0

Maximum Daily Rainfall	0.67
Maximum Monthly Rainfall	1.38
Total Annual Rainfall	4.17
Number of Days with Rain	18

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Guadalupe FRS (gage # 6500) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.31									
3										.08		
4			.12									
5												
6			.31									
7												
8												
9												
10												
11			.08									
12												
13			.24				.12					
14				.04			.04					
15												
16	.08											
17												
18												
19												
20												
21												
22					.12							
23					.08							
24			.04									
25	.55											
26				.20								
27	.20							.20				
28				.04								
29												
30												
31												
SUM	0.83	0.00	1.10	0.28	0.20	0.00	0.16	0.20	0.00	0.08	0.00	0.00
ACC	0.83	0.83	1.93	2.20	2.40	2.40	2.56	2.76	2.76	2.83	2.83	2.83
MAX	0.55	0.00	0.31	0.20	0.12	0.00	0.12	0.20	0.00	0.08	0.00	0.00
NO.	3	0	6	3	2	0	2	1	0	1	0	0

Maximum Daily Rainfall	0.55
Maximum Monthly Rainfall	1.10
Total Annual Rainfall	2.83
Number of Days with Rain	18

Flood Control District of Maricopa County ALERT System
Daily Rainfall at South Mountain Park (gage # 6510) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2										.04		
3										.28		
4			.04									
5												
6			.20									
7												
8												
9												
10												
11			.31									
12												
13			.08				.71					
14				.20			.20					
15												
16												
17												
18		.28										
19												
20												
21												
22					.20							
23					.08							
24			.04									
25	.31											
26				.04			.16					
27								.35				
28								.24				
29					.08							
30												
31												
SUM	0.31	0.28	0.67	0.24	0.35	0.00	1.06	0.59	0.00	0.31	0.00	0.00
ACC	0.31	0.59	1.26	1.50	1.85	1.85	2.91	3.50	3.50	3.82	3.82	3.82
MAX	0.31	0.28	0.31	0.20	0.20	0.00	0.71	0.35	0.00	0.28	0.00	0.00
NO.	1	1	5	2	3	0	3	2	0	2	0	0

Maximum Daily Rainfall	0.71
Maximum Monthly Rainfall	1.06
Total Annual Rainfall	3.82
Number of Days with Rain	19

Flood Control District of Maricopa County ALERT System
Daily Rainfall at South Mountain Fan (gage # 6560) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2												
3										.24		
4												
5												
6			.39									
7												.04
8												
9	.04											
10			.08									
11			.08									
12												
13			.04				.63					
14			.04	.16			.08					
15												
16												
17												
18												
19												
20											.04	
21												
22												
23												
24												
25	.16											
26	.04			.04			.04					
27								.31				
28								.35				
29					.08							
30												
31												
SUM	0.24	0.00	0.63	0.20	0.08	0.00	0.75	0.67	0.00	0.24	0.04	0.04
ACC	0.24	0.24	0.87	1.06	1.14	1.14	1.89	2.56	2.56	2.80	2.83	2.87
MAX	0.16	0.00	0.39	0.16	0.08	0.00	0.63	0.35	0.00	0.24	0.04	0.04
NO.	3	0	5	2	1	0	3	2	0	1	1	1

Maximum Daily Rainfall	0.63
Maximum Monthly Rainfall	0.75
Total Annual Rainfall	2.87
Number of Days with Rain	19

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Dreamy Draw (gage # 4800) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.20							.04		
3										.24		
4												
5												
6			.04									
7												
8												
9	.12											
10												
11	.04		.20									
12												
13			.04				.55					
14				.31								
15	.12											
16	.39											
17												
18		.08										
19												
20												
21												
22					.04							
23												
24												
25	.67											
26				.04			.04					
27								.59				
28								.08				
29		.12			.04							
30												
31												
SUM	1.34	0.20	0.47	0.35	0.08	0.00	0.59	0.67	0.00	0.28	0.00	0.00
ACC	1.34	1.54	2.01	2.36	2.44	2.44	3.03	3.70	3.70	3.98	3.98	3.98
MAX	0.67	0.12	0.20	0.31	0.04	0.00	0.55	0.59	0.00	0.24	0.00	0.00
NO.	5	2	4	2	2	0	2	2	0	2	0	0

Maximum Daily Rainfall	0.67
Maximum Monthly Rainfall	1.34
Total Annual Rainfall	3.98
Number of Days with Rain	21

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Cave Buttes Dam (gage # 4900) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.31							.12		
3										.08		
4										.04		
5												
6												
7												
8												
9	.31											
10												
11	.08		.31									
12	.08		.04				.04					
13	.04		.16	.04			.39					
14	.71	.04	.04	.31			.04					
15	.16											
16	.04											
17												
18		.08										
19												
20												
21												
22					.04							
23					.04							
24						.04						
25	.31											
26												
27	.08							.94				.04
28								.16				
29		.04										
30												
31												
SUM	1.81	0.16	0.87	0.35	0.08	0.04	0.47	1.10	0.00	0.24	0.00	0.04
ACC	1.81	1.97	2.83	3.19	3.27	3.31	3.78	4.88	4.88	5.12	5.12	5.16
MAX	0.71	0.08	0.31	0.31	0.04	0.04	0.39	0.94	0.00	0.12	0.00	0.04
NO.	9	3	5	2	2	1	3	2	0	3	0	1

Maximum Daily Rainfall	0.94
Maximum Monthly Rainfall	1.81
Total Annual Rainfall	5.16
Number of Days with Rain	31

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Sweetwater (gage # 4640) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.47							.04		
3							.04			.24		
4												
5												
6												
7												
8												
9	.20											
10			.04									
11			.16									
12												
13			.04				.67					
14				.12								
15	.16											
16	.04											
17												
18		.51										
19												
20												
21												
22					.04							
23												
24												
25	.71							.04				
26				.04			.04					
27								.63				
28								.16				
29		.16			.08							
30												
31												
SUM	1.10	0.67	0.71	0.16	0.12	0.00	0.75	0.83	0.00	0.28	----	----
ACC	1.10	1.77	2.48	2.64	2.76	2.76	3.50	4.33	4.33	4.61	4.61	4.61
MAX	0.71	0.51	0.47	0.12	0.08	0.00	0.67	0.63	0.00	0.24	----	----
NO.	4	2	4	2	2	0	3	3	0	2	----	----

Maximum Daily Rainfall	0.71
Maximum Monthly Rainfall	1.10
Total Annual Rainfall	4.61
Number of Days with Rain	22

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Papago Park (gage # 4740) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2										.08		
3										.12		
4			.16									
5												
6			.31									
7												
8												
9	.16											
10												
11	.12		.12									
12												
13							.67					
14				.08			.08					
15												
16												
17												
18		.28										
19												
20												
21												
22					.04							
23												
24												
25	.43							.04				
26	.04			.16			.08					
27								.47				
28								.08				
29		.16			.16							
30												
31												
SUM	0.75	0.43	0.59	0.24	0.20	0.00	0.83	0.59	0.00	0.20	0.00	0.00
ACC	0.75	1.18	1.77	2.01	2.20	2.20	3.03	3.62	3.62	3.82	3.82	3.82
MAX	0.43	0.28	0.31	0.16	0.16	0.00	0.67	0.47	0.00	0.12	0.00	0.00
NO.	4	2	3	2	2	0	3	3	0	2	0	0

Maximum Daily Rainfall	0.67
Maximum Monthly Rainfall	0.83
Total Annual Rainfall	3.82
Number of Days with Rain	21

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Perry Park (gage # 4730) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.08							.04		
3										.28		
4			.04									
5												
6			.94									
7												
8												
9	.28											
10			.08									
11			.12									
12												
13			.08				.75					
14				.24			.08					
15	.08											
16												
17												
18		.04										
19												
20												
21												
22					.08							
23												
24												
25	.47							.04				
26				.59			.12					
27								.47				
28								.12				
29		.04			.08							
30												
31												
SUM	0.83	0.08	1.34	0.83	0.16	0.00	0.94	0.63	0.00	0.31	0.00	0.00
ACC	0.83	0.91	2.24	3.07	3.23	3.23	4.17	4.80	4.80	5.12	5.12	5.12
MAX	0.47	0.04	0.94	0.59	0.08	0.00	0.75	0.47	0.00	0.28	0.00	0.00
NO.	3	2	6	2	2	0	3	3	0	2	0	0

Maximum Daily Rainfall	0.94
Maximum Monthly Rainfall	1.34
Total Annual Rainfall	5.12
Number of Days with Rain	23

Flood Control District of Maricopa County ALERT System
Daily Rainfall at ParadiseValley Park (gage # 4650) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.39							.08		
3							.12			.16		
4							.04					
5			.08									
6												
7												
8												
9	.16											
10												
11			.47									
12												
13							.43					
14	.35	.12		.16			.08					
15	.20	.04										
16												
17												
18												
19												
20												
21												
22					.04							
23												
24												
25	.55											
26							.04					
27								.59				
28								.31				
29		.16										
30												
31												
SUM	1.26	0.31	0.94	0.16	0.04	0.00	0.71	0.91	0.00	0.24	0.00	0.00
ACC	1.26	1.57	2.52	2.68	2.72	2.72	3.43	4.33	4.33	4.57	4.57	4.57
MAX	0.55	0.16	0.47	0.16	0.04	0.00	0.43	0.59	0.00	0.16	0.00	0.00
NO.	4	3	3	1	1	0	5	2	0	2	0	0

Maximum Daily Rainfall	0.59
Maximum Monthly Rainfall	1.26
Total Annual Rainfall	4.57
Number of Days with Rain	21

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ Indian Bend (gage # 4610) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.83							.04		
3										.16		
4			.08									
5			.08									
6												
7	.04											
8												
9	.51		.08									
10												
11			.51									
12												
13							1.18					
14		.08		.16			.12					
15	.08											
16												
17												
18		.51										
19												
20												
21												
22					.04							
23												
24												
25	1.06			.08								
26							.12					
27					.08			.71				
28								.08				
29					.12							
30												
31												
SUM	1.69	0.59	1.57	0.24	0.24	0.00	1.42	0.79	0.00	0.20	0.00	0.00
ACC	1.69	2.28	3.86	4.09	4.33	4.33	5.75	6.54	6.54	6.73	6.73	6.73
MAX	1.06	0.51	0.83	0.16	0.12	0.00	1.18	0.71	0.00	0.16	0.00	0.00
NO.	4	2	5	2	3	0	3	2	0	2	0	0

Maximum Daily Rainfall	1.18
Maximum Monthly Rainfall	1.69
Total Annual Rainfall	6.73
Number of Days with Rain	23

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Thunderbird Academy (gage # 4630) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.83							.08		
3							.04			.16		
4												
5												
6	.39											
7												
8												
9	.75											
10												
11			.24									
12												
13			.04				.59					
14				.24			.08					
15	.12											
16	.16											
17												
18		.71										
19												
20												
21												
22												
23					.04							
24												
25	.59											
26							.08					
27				.04	.08			.71				
28								.08				
29		.12			.08							
30												
31												
SUM	2.01	0.83	1.10	0.28	0.20	0.00	0.79	0.79	0.00	0.24	0.00	0.00
ACC	2.01	2.83	3.94	4.21	4.45	4.45	5.24	6.02	6.02	6.26	6.26	6.26
MAX	0.75	0.71	0.83	0.24	0.08	0.00	0.59	0.71	0.00	0.16	0.00	0.00
NO.	5	2	3	2	3	0	4	2	0	2	0	0

Maximum Daily Rainfall	0.83
Maximum Monthly Rainfall	2.01
Total Annual Rainfall	6.26
Number of Days with Rain	23

Flood Control District of Maricopa County ALERT System
Daily Rainfall at IBW @ McKellips Rd. (gage # 4600) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.79							.04		
3										.24		
4			.20									
5												
6			.08									
7												
8												
9	.24											
10												
11			.67									
12												
13			.20				.87					
14				.04			.08					
15												
16												
17												
18		.63									.04	
19												
20												
21												
22					.24							
23												
24												
25	.31											
26							.08					
27					.04			.55				
28								.12				
29					.16							
30												
31												
SUM	0.55	0.63	1.93	0.04	0.43	0.00	1.02	0.67	0.00	0.28	0.04	0.00
ACC	0.55	1.18	3.15	3.19	3.62	3.62	4.65	5.31	5.31	5.59	5.63	5.63
MAX	0.31	0.63	0.79	0.04	0.24	0.00	0.87	0.55	0.00	0.24	0.04	0.00
NO.	2	1	5	1	3	0	3	2	0	2	1	0

Maximum Daily Rainfall	0.87
Maximum Monthly Rainfall	1.97
Total Annual Rainfall	5.63
Number of Days with Rain	20

Flood Control District of Maricopa County ALERT System
Daily Rainfall at NewRiver @ Glendale (gage # 5505) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2			.51									
3												
4												
5												
6												
7												
8												
9												
10			.04									
11			.35									
12												
13							.35					
14	.63	.87										
15	.24	.04										
16												
17												
18												
19												
20												
21												
22					.04							
23												
24												
25	.35											
26	.04											
27							.04	.75				
28								.12				
29		.16										
30												
31												
SUM	1.26	1.06	0.91	0.00	0.04	0.00	0.39	0.87	0.00	----	----	----
ACC	1.30	2.36	3.27	3.27	3.31	3.31	3.70	4.57	4.57	4.57	4.57	4.57
MAX	0.63	0.87	0.51	0.00	0.04	0.00	0.35	0.75	0.00	----	----	----
NO.	4	3	3	0	1	0	2	2	0	----	----	----

Maximum Daily Rainfall	0.87
Maximum Monthly Rainfall	1.30
Total Annual Rainfall	4.57
Number of Days with Rain	15

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Agua Fria @ Buckeye (gage # 5400) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2												
3										.16		
4			.43							.04		
5			.04									
6	.08		.08									
7												
8												
9	.08											
10	.12		.04									
11			.87									
12												
13							.39					
14	.12	.35		.12			.04					
15	.28											
16												
17												
18												
19												
20												
21												
22												
23												
24												
25	.08											
26							.12					
27	.08							.51				
28								.12				
29		.43										
30												
31												
SUM	0.83	0.79	1.46	0.12	0.00	0.00	0.55	0.63	0.00	0.20	0.00	0.00
ACC	0.83	1.61	3.07	3.19	3.19	3.19	3.74	4.37	4.37	4.57	4.57	4.57
MAX	0.28	0.43	0.87	0.12	0.00	0.00	0.39	0.51	0.00	0.16	0.00	0.00
NO.	7	2	5	1	0	0	3	2	0	2	0	0

Maximum Daily Rainfall	0.87
Maximum Monthly Rainfall	1.46
Total Annual Rainfall	4.57
Number of Days with Rain	22

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Maryvale Muni Golf (gage # 4760) for Fiscal Year Beginning July 1996

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1												
2	.08		.08							.04		
3										.28		
4			.04									
5												
6	.08											
7												.04
8												
9	.28											
10												
11	.04		1.22									
12												
13							.43					
14	.04	.31					.04					
15	.16											
16												
17												
18												
19												
20												
21												
22					.04							
23												
24												
25	.47											
26							.08					
27	.16							.67				
28								.16				
29		.28			.04							
30												
31												
SUM	1.30	0.59	1.34	0.00	0.08	0.00	0.55	0.83	0.00	0.31	0.00	0.04
ACC	1.30	1.89	3.23	3.23	3.31	3.31	3.86	4.69	4.69	5.00	5.00	5.04
MAX	0.47	0.31	1.22	0.00	0.04	0.00	0.43	0.67	0.00	0.28	0.00	0.04
NO.	8	2	3	0	2	0	3	2	0	2	0	1

Maximum Daily Rainfall	1.22
Maximum Monthly Rainfall	1.34
Total Annual Rainfall	5.04
Number of Days with Rain	23