

Stormwater Quality Report

July 1, 1997 – June 30, 1998

For

City of Phoenix, Arizona

Property of
Flood Control District of Maricopa County
Please Return to
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Phoenix, AZ 85009

July 31, 1998

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Phoenix 1998 Water Quality Data Report

Introduction

This report presents hydrologic and water quality data from the six land based monitoring sites and three in-stream sampling points within the city of Phoenix, Arizona. Data in this 1998 report were collected from July 1, 1997 through June 30, 1998. The report is divided into six sections. The first section gives a description of each site including a photograph. The second section provides average event mean concentrations and pollutant loadings for 1998. The third section gives a tabular printout of the hydrologic and water quality data for 1998. The fourth section contains the storm hydrographs for 1998. The fifth section has rainfall data from selected Flood Control District ALERT rain gauges. The final section has the chains-of-custody forms, laboratory reports, quality control reports, and maintenance and calibration records.

Sample Collection

Sample collection procedures at each site are essentially identical. A Sigma 900MAX automatic sampler is used to collect a first flush grab sample and a flow-weighted composite sample. The sampler has eight, 1.9 liter glass bottles for sample collection. A flow meter and rain gauge are attached to the sampler for gathering rainfall and runoff data. Grab samples have also been taken from local runoff near the sampler site.

The first flush grab sample is taken in bottles one and two of the sampler. Both bottles are filled during the first twenty minutes after activation of the sampler. Sampler activation requires 0.05 inches of rain within one hour and a pipe level of 0.5 inches.

The flow-weighted composite sample is collected in the remaining six bottles simultaneously with collection of the first flush grab sample. Four samples are collected in each bottle, for a total of twenty-four samples. It is most desirable to collect the flow-weighted composite samples during the rising and falling limbs of the storm hydrograph. The twenty-four samples are collected based on a volume of water passing over the gauge. The volume is different for each site due to various basin characteristics among the sites. Each volume is set up before the storm and generally is not changed from storm to storm. The storm hydrographs in the back of this report show that most of the event sampling occurred over most or all of the hydrograph. Adjustments are made as needed.

The USGS uses a similar approach for sample collection. Their equipment uses an Isco automatic sampler with 24 1-liter plastic bottles, lined with Teflon bags. Grab samples are collected by hand. A first flush grab sample is taken in the first four bottles of the Isco sampler, with the flow-weighted composite samples taken in the remaining twenty bottles. Rainfall and runoff data are stored in a data-logging device separate from the sampler unit.

In-stream sampling is another sample collection technique required in the Phoenix NPDES permit. These samples are taken directly from the flow of the Salt River and the ACDC. Samples are collected using a bridge crane. First, a discharge measurement is taken to determine both the discharge and the flow depths. Knowing flow depths helps determine the amount of sample to take. The cross section at the sampling point is divided into approximately 20 equal width intervals. The point in the channel with the greatest depth is used as a reference for the remaining intervals. A one-liter glass bottle is placed in a weighted vessel and lowered into the flow. Where the depth is greatest, the bottle is filled completely. In the remaining sections, the bottle is filled to a percentage of the full bottle based on the depth ratio to the section with the greatest depth.

1998 Sampling History

There were a few equipment-related problems during the past year which affected sampling. Another problem is with the grab sampling technique and is discussed before the brief discussions of each site.

Grab Sampling Issues

Grab sample collection via the automatic sampler is truly not valid for VOC, Oil and Grease, and bacterial samples. Collection via the automatic sampler has been the method most employed for collecting grab samples. The other method used has been collecting grab samples from street runoff near the sampler location. However, this is not a valid collection method because the street sample point is not representative of the entire sub-basin being sampled. The grab sample technique is currently under evaluation and will be discussed in a separate, forthcoming document.

Grab samples at the two USGS sites are taken from the discharge at the outlet of the sub-basin. Ease of access at these two sites allows for safe, easy collection of the grab samples.

Phoenix SR-03: 35th Avenue north of Salt River

There were no significant equipment related problems. However during July 1998, the equipment housing was struck by a vehicle. Though this does not happen often, this is the second time at this site that a sampler box has been struck by a vehicle. Sometime in the future this should be addressed with permanent barricades, movement of the sampler farther from the road, or relocation of this sampling site to another location. Equipment at this site is approximately 15 months old.

Phoenix SR-45: 40th Street at south bank of Salt River

There were no significant equipment problems at this site. The solar panel was vandalized. The amount of flow from this sub-basin has been very low at times, sometimes producing less than 1000 cubic feet of total runoff. The flow-weighting

volume has been adjusted to a lower value so that a full sample can be collected. Equipment at this site is approximately 15 months old.

Phoenix SR-49: 67th Avenue at north bank of Salt River

Equipment at this site was installed in late March 1998. Storms on March 26 and April 1 were missed due to equipment failure. This is common on new installations. Another storm occurred on April 12, 1998, which was sampled. There were no significant equipment problems at this site. Equipment at this site is approximately 15 months old.

Phoenix IB-08: 40th Street at north bank of Indian Bend Wash

There were no significant equipment problems at this site. Equipment at this site is approximately 15 months old.

Phoenix 27th Avenue at south bank of Salt River

This USGS site collected four samples during the report period. There were no equipment problems reported by the USGS. The equipment at this site is approximately six years old. The equipment may need replacement within the next year or two.

Phoenix ACDC near Peoria and 43rd Avenues

This USGS site collected four samples during the report period. There were no equipment problems reported by the USGS. The equipment at this site is approximately six years old. The equipment may need replacement within the next year or two.

In-Stream Sampling

There were no in-stream samples taken during the report period. There was either no or insufficient flow at the three sites: Salt River at Priest Drive, Salt River at 51st Avenue, and ACDC at 51st Avenue.

Computations

In the Pollutant Loading section of this report, two types of calculations were made: averages and pollutant loads. Average values were calculated without regard to those pollutants that did not appear above their respective detection limits. In other words, any pollutant below detection limit was not used in the calculation of averages. For pollutant loading, any pollutant not detected above the detection limit was assumed to be zero. Similarly, when no analysis was done for a pollutant, the value was set to zero.

Laboratory Data

Laboratory data is reviewed prior to and during entry into an Excel spreadsheet for electronic storage. However, the use of qualifiers and other notations has not been used to this point. Starting with storms after July 1, 1998, data reports from the lab will be reviewed and a newly developed review sheet will be completed and included with lab data. These review sheets will be included with laboratory data beginning with the July 1999 report.

Abbreviations Used

ACDC:	Arizona Canal Diversion Channel
AEN:	American Environmental Network (testing laboratory)
ATI:	Analytical Technologies, Inc. (testing laboratory)
BDL:	Below detection limit
BOLIN:	Bolin Laboratories (testing laboratory)
CFU:	Colony Forming Unit (bacteria samples)
D or d:	Dissolved (as in dissolved metals)
kXXXX:	Estimated parameter
mg/L:	Milligrams per liter
NC:	Not Calculated, as in statistics when dividing by zero
NM:	Not measured
NNS:	No numeric standard
NPDES:	National Pollutant Discharge Elimination System
NWQL:	National Water Quality Laboratory (testing laboratory)
T or t:	Total (as in total metals)
UA:	Unavailable
ug/L:	Micrograms per liter
USGS:	United States Geological Survey
WESTECH:	Westech Laboratories (testing laboratory)
--	Sample not analyzed for this analyte
<	Less than
>	Greater than

Definitions:

Fiscal Year – July 1 through June 30.

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

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

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

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

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

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

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

Representative Storm Event:

A representative storm is as follows:

	Summer	Winter
Rainfall	0.2 – 0.8 inch	0.2 – 0.7 inch
Duration	132 – 370 minutes	312 – 936 minutes

There must also be 72 hours of dry weather between storms.

Contents

Part I:	Site Descriptions
Part II:	Pollutant Loading
Part III:	Water Quality Data
Part IV:	Storm Hydrographs
Part V:	ALERT Precipitation Data
Part VI:	Lab Reports/QC Data/Records

**SITE
DESCRIPTIONS**

Phoenix

SR-03

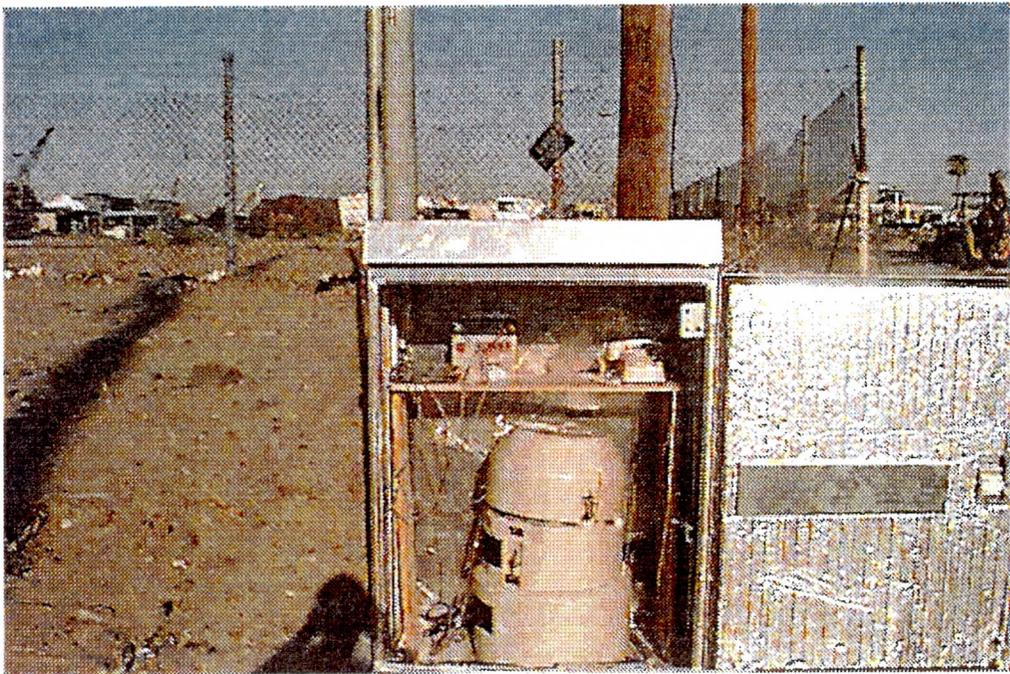
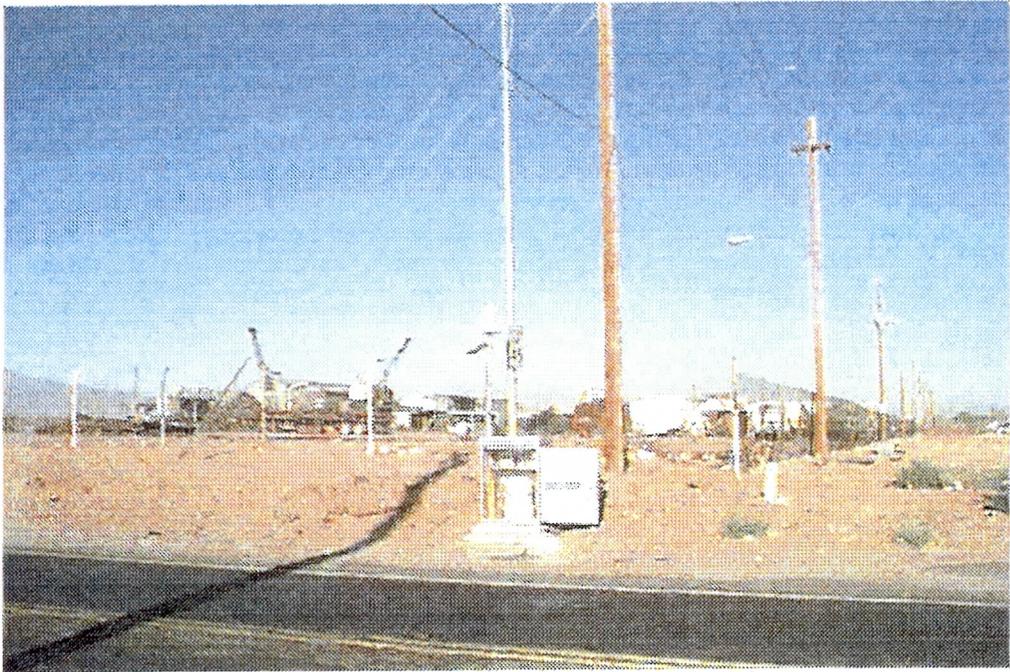
Location: S22 T1N R2E

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 700 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.

SR-45: Salt River and 40th Street



Phoenix

SR-49

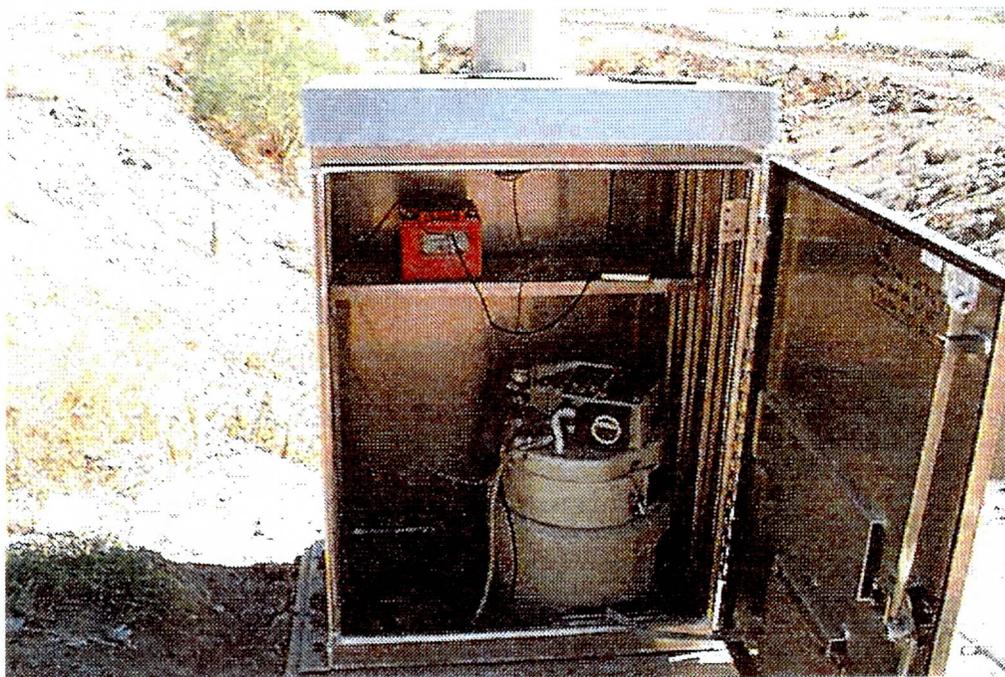
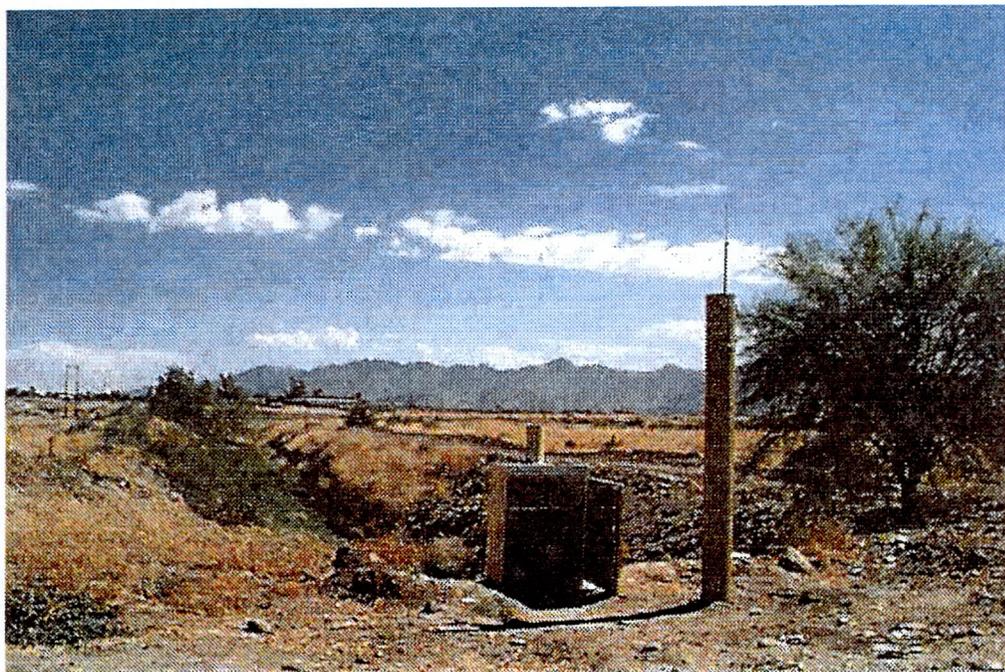
Location: S25 T1N R1E

5400 South 67th Avenue

Gage collects runoff from a subbasin on the north side of the Salt River. The basin is approximately 5000 acres. The basin is primarily undeveloped and residential.

Equipment: Sigma 900 MAX sampler with integral flowmeter is used. This was installed in March 1998.

SR-49: Salt River and 67th Avenue



Phoenix IB-08

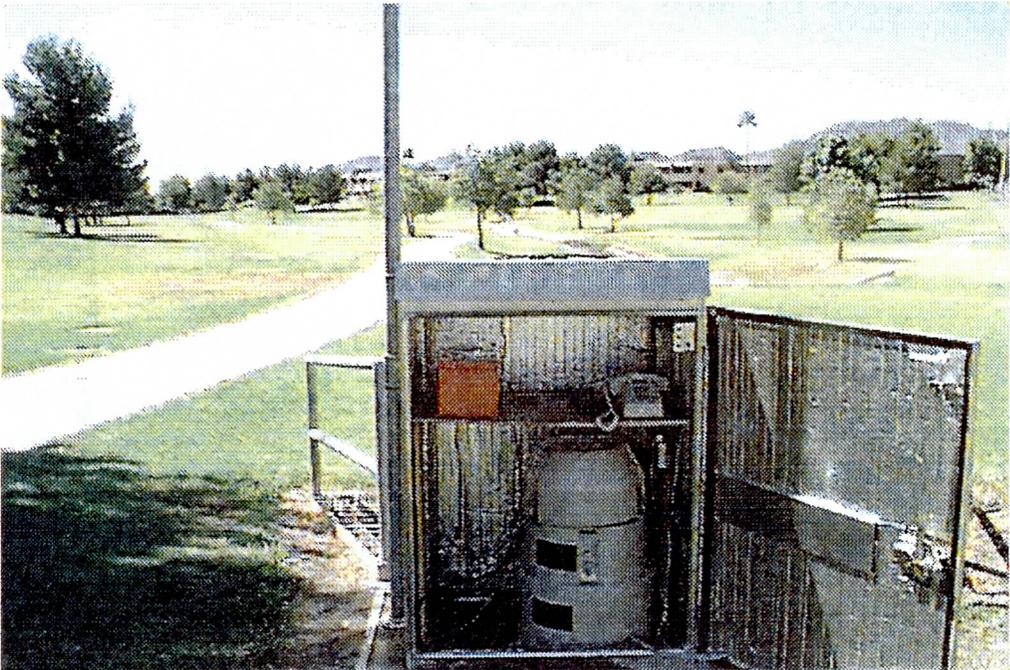
Location: S18 T3N R4E

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

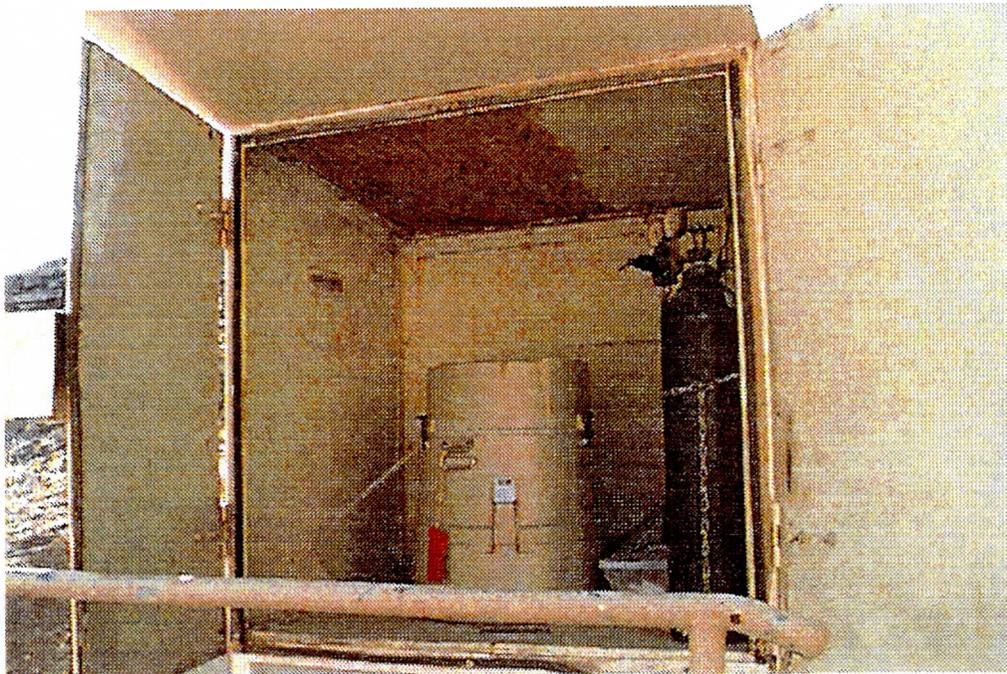
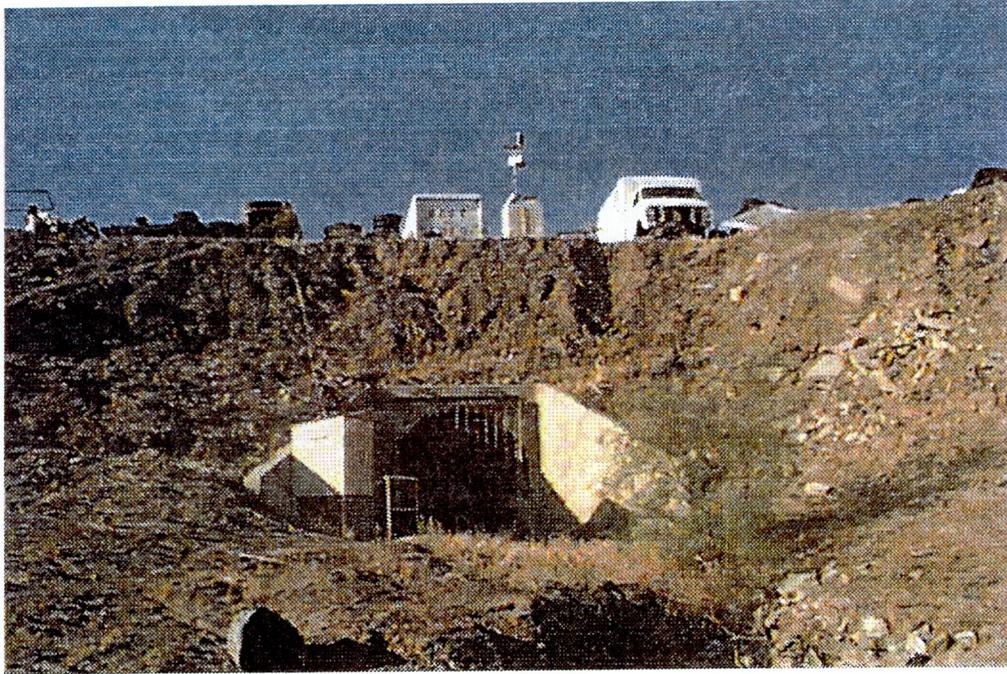
Salt River and 27th Avenue

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

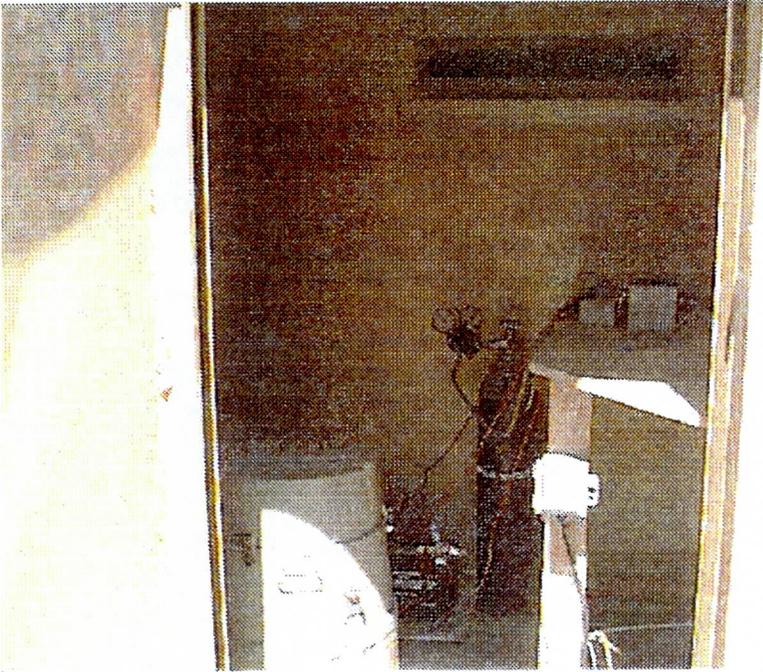
ACDC and 43rd Avenue

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

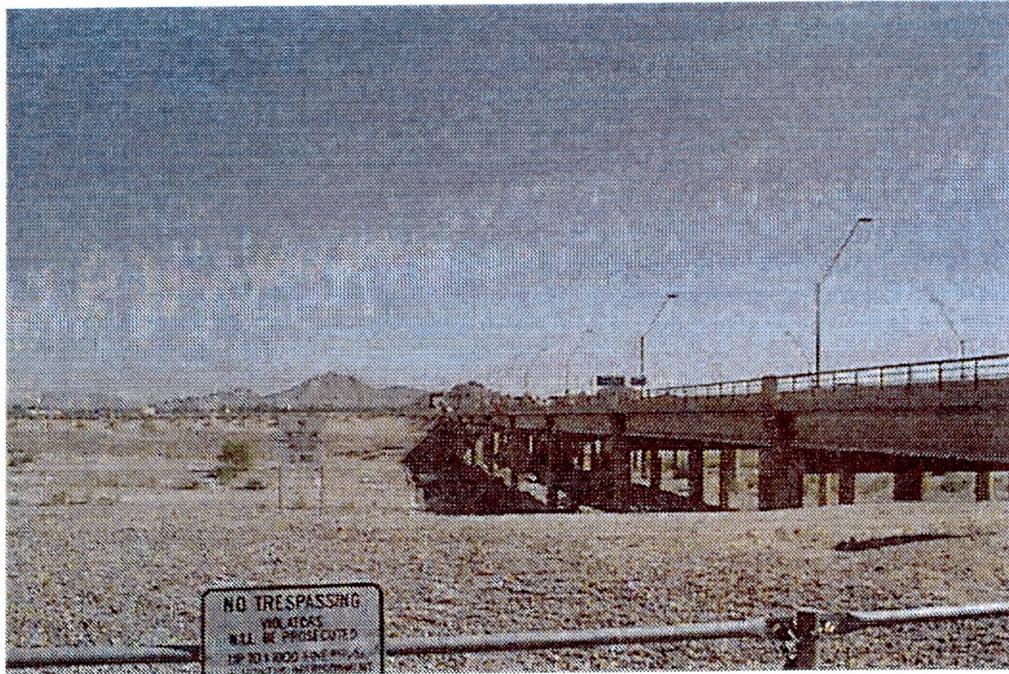
Salt River and Priest Drive

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 Bridge – In Stream Sample Location



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.

Phoenix

Canal and 51st Avenue

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.

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

**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 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
BOD5 (mg/l)	62	117	44	18445	8597	9848
COD High Level (mg/l)	377	562	315	98625	40086	58538
Chloride (mg/l as Cl)	51	113	31	11775	4433	7342
Cyanide Total (mg/l as Cn)	0.03	BDL	0.03	0.65805	0	0.65805
Fecal Coliform (CFU/100mL)	73,543	160,000	59,133			
Fecal Streptococci (CFU/100mL)	42,457	160,000	22,867			
Solids Residue at 180 Deg. C (TDS) (mg/l)	277	392	239	74011	18638	55373
Residue, Total at 105 Deg. C (TSS) (mg/l)	536	478	556	133170	37370	95801
Nitrogen No2 + No3, Total (mg/l as N)	1.1	1.8	0.89	286	110	176
TKN Nitrogen (mg/l as N)	3.5	5.8	2.5	778	350	429
Nitrogen, Ammonia + Organic, Total (mg/l as N)	3.7	5.8	2.9	867	350	518
Nitrogen Nitrate Total (mg/l as N)	1.0	1.6	0.83	266	104	163
Nitrogen Nitrite Total (mg/l as N)	0.14	0.15	0.13	14	6.7	6.9
Nitrogen Ammonia Total (mg/l as N)	1.9	2.1	1.8	495	145	350
Nitrogen Organic Total (mg/l as N)	2.6	3.7	1.8	372	205	167
Phosphorous Total (mg/l as P)	1.9	2.3	1.8	515	140	375
Phosphorous Dissolved (mg/l as P)	0.47	0.51	0.45	138	35	102
Phosphorous Ortho (mg/l as P)	0.36	0.23	0.39	93	3.1	90
Sulfate Dissolved (mg/l)	36	49	31	9548	2264	7283
Hexavalent Chromium Total (mg/l)	0.05	BDL	0.05	1.5	0	1.5
Phenols Total Recoverable (ug/l)	125	7.8	148	20	0.31	20
Oil and Grease Total Recoverable (mg/l)	31	31	BDL	1230	1230	0
Organic Carbon, Total (mg/l)	38	56	32	10466	3821	6645
Bicarbonate Whole Field (mg/l as HCo3)	NS	NS	NS	0	0	0
Bicarbonate Dissolved, Field (mg/l as HCo3)	NS	NS	NS	0	0	0
Carbonate Water Field (mg/l as Co3)	NS	NS	NS	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)	NS	NS	NS	0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)	NS	NS	NS	0	0	0
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	NS	NS	NS	0	0	0
Alkalinity LAB (mg/l as CaCo3)	94	74	100			

SR-03 - North Bank of Salt River at 35th Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Silica Dissolved (mg/l as SiO ₂)	NS	NS	NS	0	0	0
Hardness (mg/l)	156	137	163			
Antimony (ug/l as Sb)	6	BDL	6	0.18	0	0.18
Antimony Dissolved (ug/l as Sb)	BDL	BDL	BDL	0	0	0
Arsenic Total (ug/l as As)	7.3	5.5	8	1.5	0.28	1.2
Arsenic Dissolved (ug/l as As)	5.5	6	5	0.70	0.32	0.38
Barium Dissolved (ug/l as Ba)	NS	NS	NS	0	0	0
Beryllium Total Recoverable (ug/l as Be)	BDL	BDL	BDL	0	0	0
Beryllium Dissolved (ug/l as Be)	BDL	BDL	BDL	0	0	0
Cadmium Total Recoverable (ug/l as Cd)	3.6	7.8	1.8	0.90	0.60	0.30
Cadmium Dissolved (ug/l as Cd)	1.0	BDL	1.0	0.18	0	0.18
Calcium Dissolved (mg/l as Ca)	NS	NS	NS	0	0	0
Chromium Total Recoverable (ug/l as Cr)	23	19	25	6.1	1.3	4.9
Chromium Dissolved (ug/l as Cr)	3.1	3.2	3.1	0.70	0.21	0.49
Cobalt Dissolved (ug/l as Co)	NS	NS	NS	0	0	0
Copper, Total Recoverable, (ug/l as Cu)	83	79	85	22	5.3	17
Copper, Dissolved, (ug/l as Cu)	16	14	17	3.7	0.89	2.8
Iron, Dissolved, (ug/l as Fe)	NS	NS	NS	0	0	0
Lead, Total Recoverable, (ug/l as Pb)	65	44	73	17	2.8	14
Lead, Dissolved, (ug/l as Pb)	10	2.3	18	1.1	0.14	0.93
Lithium, Dissolved, (ug/l as Li)	NS	NS	NS	0	0	0
Magnesium, Dissolved, (mg/l as Mg)	NS	NS	NS	0	0	0
Manganese, Dissolved, (ug/l as Mn)	NS	NS	NS	0	0	0
Mercury, Total Recoverable, (ug/l as Hg)	BDL	BDL	BDL	0	0	0
Mercury, Dissolved, (ug/l as Hg)	0.63	BDL	0.63	0.08	0	0.08
Molybdenum, Dissolved, (ug/l as Mo)	NS	NS	NS	0	0	0
Nickel, Total Recoverable, (ug/l as Ni)	26	23	27	5.8	1.5	4.3
Nickel, Dissolved, (ug/l as Ni)	11	27	7.45	2.2	1.1	1.1
Potassium, Dissolved, (mg/l as K)	NS	NS	NS	0	0	0
Selenium, Total, (ug/l as Se)	BDL	BDL	BDL	0	0	0

SR-03 - North Bank of Salt River at 35th Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Selenium, Dissolved, (ug/l as Se)	BDL	BDL	BDL	0	0	0
Silver, Total Recoverable, (ug/l as Ag)	BDL	BDL	BDL	0	0	0
Silver, Dissolved, (ug/l as Ag)	BDL	BDL	BDL	0	0	0
Sodium, Dissolved, (mg/l as Na)	NS	NS	NS	0	0	0
Strontium, Dissolved, (ug/l as Sr)	NS	NS	NS	0	0	0
Thallium, Total, (ug/l as Tl)	BDL	BDL	BDL	0	0	0
Thallium, Dissolved, (ug/l as Tl)	BDL	BDL	BDL	0	0	0
Vanadium, Dissolved, (ug/l as V)	NS	NS	NS	0	0	0
Zinc, Total Recoverable, (ug/l as Zn)	429	325	463	113	21	92
Zinc, Dissolved, (ug/l as Zn)	123	131	120	33	8.1	25
Diazinon, Total, (ug/l)	NS	NS	NS	0	0	0
Ethion, Total, (ug/l)	NS	NS	NS	0	0	0
Malathion, Total, (ug/l)	NS	NS	NS	0	0	0
Methyl Parathion, Total, (ug/l)	NS	NS	NS	0	0	0
Parathion, Total, (ug/l)	NS	NS	NS	0	0	0
Trithion, Total, (ug/l)	NS	NS	NS	0	0	0
Di-syston, Total, (ug/l)	NS	NS	NS	0	0	0
Phorate, Total, (ug/l)	NS	NS	NS	0	0	0
Chlorpyrifos, Total, (ug/l)	NS	NS	NS	0	0	0
DEF, Total, (ug/l)	NS	NS	NS	0	0	0
Fonofos(Dy-fonate), WWT, (ug/l)	NS	NS	NS	0	0	0
Aldrin, Total, (ug/l)	BDL	BDL	BDL	0	0	0
BHC - ALPHA, (ug/l)	0.068	BDL	0.068	0.0022	0	0.0022
BHC - Gamma (Lindane), (ug/l)	BDL	BDL	BDL	0	0	0
BHC - DELTA, (ug/l)	BDL	BDL	BDL	0	0	0
Aroclor 1016, PCB, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Aroclor 1221, PCB, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Aroclor 1232, PCB, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Aroclor 1242, PCB, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Aroclor 1248, PCB, Total, (ug/l)	BDL	BDL	BDL	0	0	0

SR-03 - North Bank of Salt River at 35th Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Aroclor 1254, PCB, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Aroclor 1260, PCB, Total, (ug/L)	BDL	BDL	BDL	0	0	0
Chlordane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
P,P' DDD, Total, (ug/l)	BDL	BDL	BDL	0	0	0
P,P' DDE, Total, (ug/l)	BDL	BDL	BDL	0	0	0
P, P' DDT, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Dieldrin, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Endo-Sulfan Alpha, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Endo-Sulfan Beta, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Endo-Sulfan Sulfate, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Endrin Aldehyde, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Endrin, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Heptachlor, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Heptachlor Epoxide, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Toxaphene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Methoxychlor, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Beta Benzene Hexachloride, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,1,1,2-Tetrachloroethane, Total, (ug/l)	NS	NS	NS	0	0	0
Tetrachloroethene, PCE, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,1,1- Trichloroethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,1,2- Trichloroethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Trichloroethene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,1- Dichloroethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,1- Dichloroethene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,2- Dichloroethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,2- Dichloropropane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2- Chloroethylvinyl Ether, Total, (ug/l)	BDL	BDL	BDL	0	0	0
cis-1,3-Dichloropropene, (ug/l)	BDL	BDL	BDL	0	0	0
trans-1,2- Dichloroethene, (ug/l)	BDL	BDL	BDL	0	0	0

SR-03 - North Bank of Salt River at 35th Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
trans-1,3- Dichloropropene, (ug/l)	BDL	BDL	BDL	0	0	0
Benzene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Bromodichloromethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Bromoform, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Carbon Tetrachloride, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Chlorobenzene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Chloroethane, (ug/l)	BDL	BDL	BDL	0	0	0
Chloroform, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Ethyl-Benzene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Methylene Chloride, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Toluene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Trichlorofluoromethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Vinyl Chloride, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Chlorodibromomethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
4 Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	BDL	BDL	BDL	0	0	0
Acetone, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2-Butanone, (ug/l)	BDL	BDL	BDL	0	0	0
Carbon Disulfide, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,2 Dichloroethene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Xylenes, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2-Hexanone, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Styrene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Acrolein, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Acrylonitrile, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Bromobenzene, Water Whole, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,3-Dichloropropane, Water Whole, Total, (ug/l)	NS	NS	NS	0	0	0
Methyl Bromide, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Methyl Chloride, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Parachloro Toluene, Total, (ug/l)	NS	NS	NS	0	0	0
Dibromoethane, Total, (ug/l)	NS	NS	NS	0	0	0

SR-03 - North Bank of Salt River at 35th Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Acenaphthene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Acenaphthylene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Anthracene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Benzidine, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Benzoic Acid, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Benzo (a) Anthracene, Total, (ug/l)	8.4	BDL	8.4	0.25	0	0.25
Benzo (b) Fluoranthene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Benzo (k) Fluoranthene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Benzo (ghi) Perylene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Benzo (a) Pyrene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Benzyl Alcohol, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	33	41.5	30.5	9.0	2.9	6.1
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Butyl Benzyl Phthalate, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2-Chloronaphthalene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2-Chlorophenol, Total, (ug/l)	BDL	BDL	BDL	0	0	0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Chrysene, Total, (ug/l)	10	BDL	10	0.30	0	0.30
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Di-N-Butyl Phthalate, Total, (ug/l)	12	BDL	12	0.36	0	0.36
1,3- Dichlorobenzene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,4- Dichlorobenzene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,2- Dichlorobenzene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
3,3'- Dichlorobenzidine, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2,4- Dichlorophenol, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Diethyl Phthalate, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2,4- Dimethylphenol, Total, (ug/l)	BDL	BDL	BDL	0	0	0

SR-03 - North Bank of Salt River at 35th Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Dimethyl Phthalate, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2,4- Dinitrophenol, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2,4- Dinitrotoluene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2,6- Dinitrotoluene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Di-N-Octyl-Phthalate, Total, (ug/l)	8.3	6	8.9	1.3	0.24	1.1
Fluoranthene, Total, (ug/l)	12	BDL	12	0.36	0	0.36
Fluorene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Hexachlorobenzene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Hexachlorobutadiene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Hexachlorocyclopentadiene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Hexachloroethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Isophorone, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Naphthalene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Nitrobenzene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2-Nitrophenol, Total, (ug/l)	8.1	BDL	8.1	0.24	0	0.24
4-Nitrophenol, Total, (ug/l)	BDL	BDL	BDL	0	0	0
N-Nitrosodiphenylamine, Total, (ug/l)	BDL	BDL	BDL	0	0	0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Pentachlorophenol, Total, (ug/l)	8.9	8.9	BDL	0.53	0.53	0
Phenanthrene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Phenol, Total, (ug/l)	8.1	BDL	8.1	0.24	0	0.24
Pyrene, Total, (ug/l)	9.1	BDL	9.1	0.27	0	0.27
1,2,4-Trichlorobenzene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2,4,5- Trichlorophenol, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2,4,6- Trichlorophenol, Total, (ug/l)	BDL	BDL	BDL	0	0	0
N-Nitrosodimethylamine, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,2- Diphenylhydrazine, Total, (ug/l)	NS	NS	NS	0	0	0
Dichlorodifluoromethane, Total, (ug/l)	NS	NS	NS	0	0	0

SR-03 - North Bank of Salt River at 35th Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Parachloro-Meta-Cresol, Total, (ug/l)	NS	NS	NS	0	0	0

SR-45

South bank Salt River at 40th Street

SR-45 - South Bank of Salt River at 40th Street	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
BOD5 (mg/l)	202	NS	202	4277	NS	4277
COD High Level (mg/l)	432	NS	432	8592	NS	8592
Chloride (mg/l as Cl)	18	NS	18	396	NS	396
Cyanide Total (mg/l as Cn)	BDL	NS	BDL	0	NS	0
Fecal Coliform (CFU/100mL)	19,629	NS	19,629			
Fecal Streptococci (CFU/100mL)	80,514	NS	80,514			
Solids Residue at 180 Deg. C (TDS) (mg/l)	191	NS	191	3960	NS	3960
Residue, Total at 105 Deg. C (TSS) (mg/l)	331	NS	331	7267	NS	7267
Nitrogen No2 + No3, Total (mg/l as N)	0.84	NS	0.84	14	NS	14
TKN Nitrogen (mg/l as N)	2.1	NS	2.1	48	NS	48
Nitrogen, Ammonia + Organic, Total (mg/l as N)	2.6	NS	2.6	62	NS	62
Nitrogen Nitrate Total (mg/l as N)	0.77	NS	0.77	12	NS	12
Nitrogen Nitrite Total (mg/l as N)	0.16	NS	0.16	2.3	NS	2.3
Nitrogen Ammonia Total (mg/l as N)	1.8	NS	1.8	44	NS	44
Nitrogen Organic Total (mg/l as N)	1.5	NS	1.5	18	NS	18
Phosphorous Total (mg/l as P)	2.0	NS	2.0	35	NS	35
Phosphorous Dissolved (mg/l as P)	0.67	NS	0.67	15	NS	15
Phosphorous Ortho (mg/l as P)	0.24	NS	0.24	5.4	NS	5.4
Sulfate Dissolved (mg/l)	31	NS	31	741	NS	741
Hexavalent Chromium Total (mg/l)	BDL	NS	BDL	0	NS	0
Phenols Total Recoverable (ug/l)	44	NS	44	1.1	NS	1.1
Oil and Grease Total Recoverable (mg/l)	15	NS	15	35	NS	35
Organic Carbon, Total (mg/l)	41	NS	41	770	NS	770
Bicarbonate Whole Field (mg/l as HCo3)	NS	NS	NS	0	NS	0
Bicarbonate Dissolved, Field (mg/l as HCo3)	NS	NS	NS	0	NS	0
Carbonate Water Field (mg/l as Co3)	NS	NS	NS	0	NS	0
Carbonate Water Dissolved, Field, (mg/l as Co3)	NS	NS	NS	0	NS	0
Alkalinity Water Field Total (mg/l as CaCo3)	NS	NS	NS	0	NS	0
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	NS	NS	NS	0	NS	0
Alkalinity LAB (mg/l as CaCo3)	67	NS	67			

SR-45 - South Bank of Salt River at 40th Street	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Silica Dissolved (mg/l as SiO ₂)	NS	NS	NS	0	NS	0
Hardness (mg/l)	170	NS	170			
Antimony (ug/l as Sb)	8	NS	8	0.052	NS	0.052
Antimony Dissolved (ug/l as Sb)	6	NS	6	0.028	NS	0.028
Arsenic Total (ug/l as As)	9.9	NS	9.9	0.16	NS	0.16
Arsenic Dissolved (ug/l as As)	10	NS	10	0.004	NS	0.004
Barium Dissolved (ug/l as Ba)	NS	NS	NS	0	NS	0
Beryllium Total Recoverable (ug/l as Be)	BDL	NS	BDL	0	NS	0
Beryllium Dissolved (ug/l as Be)	NS	NS	NS	0	NS	0
Cadmium Total Recoverable (ug/l as Cd)	5.3	NS	5.3	0.062	NS	0.062
Cadmium Dissolved (ug/l as Cd)	1.2	NS	1.2	0.012	NS	0.012
Calcium Dissolved (mg/l as Ca)	NS	NS	NS	0	NS	0
Chromium Total Recoverable (ug/l as Cr)	26	NS	26	0.399	NS	0.399
Chromium Dissolved (ug/l as Cr)	5.2	NS	5.2	0.081	NS	0.081
Cobalt Dissolved (ug/l as Co)	NS	NS	NS	0	NS	0
Copper, Total Recoverable, (ug/l as Cu)	331	NS	331	5.1	NS	5.1
Copper, Dissolved, (ug/l as Cu)	59	NS	59	1.0	NS	1.0
Iron, Dissolved, (ug/l as Fe)	NS	NS	NS	0	NS	0
Lead, Total Recoverable, (ug/l as Pb)	71	NS	71	1.3	NS	1.3
Lead, Dissolved, (ug/l as Pb)	26	NS	26	0.19	NS	0.19
Lithium, Dissolved, (ug/l as Li)	NS	NS	NS	0	NS	0
Magnesium, Dissolved, (mg/l as Mg)	NS	NS	NS	0	NS	0
Manganese, Dissolved, (ug/l as Mn)	NS	NS	NS	0	NS	0
Mercury, Total Recoverable, (ug/l as Hg)	0.4	NS	0.4	0.0018	NS	0.0018
Mercury, Dissolved, (ug/l as Hg)	0.8	NS	0.8	0.0049	NS	0.0049
Molybdenum, Dissolved, (ug/l as Mo)	NS	NS	NS	0	NS	0
Nickel, Total Recoverable, (ug/l as Ni)	25	NS	25	0.42	NS	0.42
Nickel, Dissolved, (ug/l as Ni)	11	NS	11	0.096	NS	0.096
Potassium, Dissolved, (mg/l as K)	NS	NS	NS	0	NS	0
Selenium, Total, (ug/l as Se)	BDL	NS	BDL	0	NS	0

SR-45 - South Bank of Salt River at 40th Street	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Selenium, Dissolved, (ug/l as Se)	BDL	NS	BDL	0	NS	0
Silver, Total Recoverable, (ug/l as Ag)	BDL	NS	BDL	0	NS	0
Silver, Dissolved, (ug/l as Ag)	BDL	NS	BDL	0	NS	0
Sodium, Dissolved, (mg/l as Na)	NS	NS	NS	0	NS	0
Strontium, Dissolved, (ug/l as Sr)	NS	NS	NS	0	NS	0
Thallium, Total, (ug/l as Tl)	1	NS	1	0.0024	NS	0.0024
Thallium, Dissolved, (ug/l as Tl)	BDL	NS	BDL	0	NS	0
Vanadium, Dissolved, (ug/l as V)	NS	NS	NS	0	NS	0
Zinc, Total Recoverable, (ug/l as Zn)	573	NS	573	8.9	NS	8.9
Zinc, Dissolved, (ug/l as Zn)	194	NS	194	2.6	NS	2.6
Diazinon, Total, (ug/l)	NS	NS	NS	0	NS	0
Ethion, Total, (ug/l)	NS	NS	NS	0	NS	0
Malathion, Total, (ug/l)	NS	NS	NS	0	NS	0
Methyl Parathion, Total, (ug/l)	NS	NS	NS	0	NS	0
Parathion, Total, (ug/l)	NS	NS	NS	0	NS	0
Trithion, Total, (ug/l)	NS	NS	NS	0	NS	0
Di-syston, Total, (ug/l)	NS	NS	NS	0	NS	0
Phorate, Total, (ug/l)	NS	NS	NS	0	NS	0
Chlorpyrifos, Total, (ug/l)	NS	NS	NS	0	NS	0
DEF, Total, (ug/l)	NS	NS	NS	0	NS	0
Fonofos(Dy-fonate), WWT, (ug/l)	NS	NS	NS	0	NS	0
Aldrin, Total, (ug/l)	BDL	NS	BDL	0	NS	0
BHC - ALPHA, (ug/l)	0.074	NS	0.074	0.00016	NS	0.00016
BHC - Gamma (Lindane), (ug/l)	BDL	NS	BDL	0	NS	0
BHC - DELTA, (ug/l)	BDL	NS	BDL	0	NS	0
Aroclor 1016, PCB, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Aroclor 1221, PCB, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Aroclor 1232, PCB, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Aroclor 1242, PCB, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Aroclor 1248, PCB, Total, (ug/l)	BDL	NS	BDL	0	NS	0

SR-45 - South Bank of Salt River at 40th Street	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Aroclor 1254, PCB, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Aroclor 1260, PCB, Total, (ug/L)	BDL	NS	BDL	0	NS	0
Chlordane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
P,P' DDD, Total, (ug/l)	BDL	NS	BDL	0	NS	0
P,P' DDE, Total, (ug/l)	0.095	NS	0.095	0.00021	NS	0.00021
P, P' DDT, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Dieldrin, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Endo-Sulfan Alpha, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Endo-Sulfan Beta, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Endo-Sulfan Sulfate, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Endrin Aldehyde, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Endrin, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Heptachlor, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Heptachlor Epoxide, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Toxaphene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Methoxychlor, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Beta Benzene Hexachloride, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,1,1,2-Tetrachloroethane, Total, (ug/l)	NS	NS	NS	0	NS	0
Tetrachloroethene, PCE, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,1,1- Trichloroethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,1,2- Trichloroethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Trichloroethene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,1- Dichloroethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,1- Dichloroethene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,2- Dichloroethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,2- Dichloropropane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2- Chloroethylvinyl Ether, Total, (ug/l)	BDL	NS	BDL	0	NS	0
cis-1,3-Dichloropropene, (ug/l)	BDL	NS	BDL	0	NS	0
trans-1,2- Dichloroethene, (ug/l)	BDL	NS	BDL	0	NS	0

SR-45 - South Bank of Salt River at 40th Street	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
trans-1,3- Dichloropropene, (ug/l)	BDL	NS	BDL	0	NS	0
Benzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Bromodichloromethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Bromoform, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Carbon Tetrachloride, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Chlorobenzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Chloroethane, (ug/l)	BDL	NS	BDL	0	NS	0
Chloroform, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Ethyl-Benzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Methylene Chloride, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Toluene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Trichlorofluoromethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Vinyl Chloride, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Chlorodibromomethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	BDL	NS	BDL	0	NS	0
Acetone, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2-Butanone, (ug/l)	BDL	NS	BDL	0	NS	0
Carbon Disulfide, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,2 Dichloroethene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Xylenes, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2-Hexanone, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Styrene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Acrolein, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Acrylonitrile, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Bromobenzene, Water Whole, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,3-Dichloropropane, Water Whole, Total, (ug/l)	NS	NS	NS	0	NS	0
Methyl Bromide, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Methyl Chloride, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Parachloro Toluene, Total, (ug/l)	NS	NS	NS	0	NS	0
Dibromoethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0

SR-45 - South Bank of Salt River at 40th Street	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Acenaphthene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Acenaphthylene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Anthracene, Total, (ug/l)	10	NS	10	0.018	NS	0.018
Benzidine, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Benzoic Acid, Total, (ug/l)	15	NS	15	0.13	NS	0.13
Benzo (a) Anthracene, Total, (ug/l)	8.1	NS	8.1	0.014	NS	0.014
Benzo (b) Fluoranthene, Total, (ug/l)	7.4	NS	7.4	0.013	NS	0.013
Benzo (k) Fluoranthene, Total, (ug/l)	9.5	NS	9.5	0.017	NS	0.017
Benzo (ghi) Perylene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Benzo (a) Pyrene, Total, (ug/l)	7.7	NS	7.7	0.014	NS	0.014
Benzyl Alcohol, Total, (ug/l)	9.1	NS	9.1	0.016	NS	0.016
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	35	NS	35	0.74	NS	0.74
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Butyl Benzyl Phthalate, Total, (ug/l)	8	NS	8	0.014	NS	0.014
2-Chloronaphthalene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2-Chlorophenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Chrysene, Total, (ug/l)	11	NS	11	0.019	NS	0.019
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Di-N-Butyl Phthalate, Total, (ug/l)	11	NS	11	0.019	NS	0.019
1,3- Dichlorobenzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,4- Dichlorobenzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,2- Dichlorobenzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
3,3'- Dichlorobenzidine, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2,4- Dichlorophenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Diethyl Phthalate, Total, (ug/l)	8.5	NS	8.5	0.015	NS	0.015
2,4- Dimethylphenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0

SR-45 - South Bank of Salt River at 40th Street	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Dimethyl Phthalate, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2,4- Dinitrophenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2,4- Dinitrotoluene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2,6- Dinitrotoluene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Di-N-Octyl-Phthalate, Total, (ug/l)	14	NS	14	0.27	NS	0.27
Fluoranthene, Total, (ug/l)	10	NS	10	0.018	NS	0.018
Fluorene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Hexachlorobenzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Hexachlorobutadiene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Hexachlorocyclopentadiene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Hexachloroethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Isophorone, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Naphthalene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Nitrobenzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2-Nitrophenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
4-Nitrophenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
N-Nitrosodiphenylamine, Total, (ug/l)	BDL	NS	BDL	0	NS	0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Pentachlorophenol, Total, (ug/l)	11	NS	11	0.019	NS	0.019
Phenanthrene, Total, (ug/l)	9.7	NS	9.7	0.017	NS	0.017
Phenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Pyrene, Total, (ug/l)	9.3	NS	9.3	0.016	NS	0.016
1,2,4-Trichlorobenzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2,4,5- Trichlorophenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2,4,6- Trichlorophenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
N-Nitrosodimethylamine, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,2- Diphenylhydrazine, Total, (ug/l)	NS	NS	NS	0	NS	0
Dichlorodifluoromethane, Total, (ug/l)	NS	NS	NS	0	NS	0

SR-45 - South Bank of Salt River at 40th Street	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Parachloro-Meta-Cresol, Total, (ug/l)	NS	NS	NS	0	NS	0

SR-49

North bank Salt River at 67th Avenue

SR-49 - North Bank of Salt River at 67th Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
BOD5 (mg/l)	4	NS	4	50	NS	50
COD High Level (mg/l)	25	NS	25	314	NS	314
Chloride (mg/l as Cl)	15	NS	15	188	NS	188
Cyanide Total (mg/l as Cn)	BDL	NS	BDL	0	NS	0
Fecal Coliform (CFU/100mL)	280	NS	280			
Fecal Streptococci (CFU/100mL)	50	NS	50			
Solids Residue at 180 Deg. C (TDS) (mg/l)	175	NS	175	2196	NS	2196
Residue, Total at 105 Deg. C (TSS) (mg/l)	BDL	NS	BDL	0	NS	0
Nitrogen No2 + No3, Total (mg/l as N)	0.1	NS	0.1	1.3	NS	1.3
TKN Nitrogen (mg/l as N)	BDL	NS	BDL	0	NS	0
Nitrogen, Ammonia + Organic, Total (mg/l as N)	0.35	NS	0.35	4.4	NS	4.4
Nitrogen Nitrate Total (mg/l as N)	0.1	NS	0.1	1.3	NS	1.3
Nitrogen Nitrite Total (mg/l as N)	BDL	NS	BDL	0	NS	0
Nitrogen Ammonia Total (mg/l as N)	0.35	NS	0.35	4.4	NS	4.4
Nitrogen Organic Total (mg/l as N)	BDL	NS	BDL	0	NS	0
Phosphorous Total (mg/l as P)	0.24	NS	0.24	3.0	NS	3.0
Phosphorous Dissolved (mg/l as P)	0.2	NS	0.2	2.5	NS	2.5
Phosphorous Ortho (mg/l as P)	0.21	NS	0.21	2.6	NS	2.6
Sulfate Dissolved (mg/l)	6	NS	6	75	NS	75
Hexavalent Chromium Total (mg/l)	BDL	NS	BDL	0	NS	0
Phenols Total Recoverable (ug/l)	6.4	NS	6.4	0.080	NS	0.080
Oil and Grease Total Recoverable (mg/l)	BDL	NS	BDL	0	NS	0
Organic Carbon, Total (mg/l)	10	NS	10	125	NS	125
Bicarbonate Whole Field (mg/l as HCo3)	NS	NS	NS	0	NS	0
Bicarbonate Dissolved, Field (mg/l as HCo3)	NS	NS	NS	0	NS	0
Carbonate Water Field (mg/l as Co3)	NS	NS	NS	0	NS	0
Carbonate Water Dissolved, Field, (mg/l as Co3)	NS	NS	NS	0	NS	0
Alkalinity Water Field Total (mg/l as CaCo3)	NS	NS	NS	0	NS	0
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	NS	NS	NS	0	NS	0
Alkalinity LAB (mg/l as CaCo3)	142	NS	142			

SR-49 - North Bank of Salt River at 67th Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Silica Dissolved (mg/l as SiO ₂)	NS	NS	NS	0	NS	0
Hardness (mg/l)	147	NS	147			
Antimony (ug/l as Sb)	BDL	NS	BDL	0	NS	0
Antimony Dissolved (ug/l as Sb)	BDL	NS	BDL	0	NS	0
Arsenic Total (ug/l as As)	BDL	NS	BDL	0	NS	0
Arsenic Dissolved (ug/l as As)	BDL	NS	BDL	0	NS	0
Barium Dissolved (ug/l as Ba)	NS	NS	NS	0	NS	0
Beryllium Total Recoverable (ug/l as Be)	BDL	NS	BDL	0	NS	0
Beryllium Dissolved (ug/l as Be)	BDL	NS	BDL	0	NS	0
Cadmium Total Recoverable (ug/l as Cd)	0.36	NS	0.36	0.0045	NS	0.0045
Cadmium Dissolved (ug/l as Cd)	0.25	NS	0.25	0.0031	NS	0.0031
Calcium Dissolved (mg/l as Ca)	NS	NS	NS	0	NS	0
Chromium Total Recoverable (ug/l as Cr)	5.1	NS	5.1	0.0640	NS	0.0640
Chromium Dissolved (ug/l as Cr)	17	NS	17	0.21	NS	0.21
Cobalt Dissolved (ug/l as Co)	NS	NS	NS	0	NS	0
Copper, Total Recoverable, (ug/l as Cu)	7	NS	7	0.0878	NS	0.0878
Copper, Dissolved, (ug/l as Cu)	BDL	NS	BDL	0	NS	0
Iron, Dissolved, (ug/l as Fe)	NS	NS	NS	0	NS	0
Lead, Total Recoverable, (ug/l as Pb)	BDL	NS	BDL	0	NS	0
Lead, Dissolved, (ug/l as Pb)	BDL	NS	BDL	0	NS	0
Lithium, Dissolved, (ug/l as Li)	NS	NS	NS	0	NS	0
Magnesium, Dissolved, (mg/l as Mg)	NS	NS	NS	0	NS	0
Manganese, Dissolved, (ug/l as Mn)	NS	NS	NS	0	NS	0
Mercury, Total Recoverable, (ug/l as Hg)	BDL	NS	BDL	0	NS	0
Mercury, Dissolved, (ug/l as Hg)	BDL	NS	BDL	0	NS	0
Molybdenum, Dissolved, (ug/l as Mo)	NS	NS	NS	0	NS	0
Nickel, Total Recoverable, (ug/l as Ni)	4.3	NS	4.3	0.054	NS	0.054
Nickel, Dissolved, (ug/l as Ni)	12	NS	12	0.15	NS	0.15
Potassium, Dissolved, (mg/l as K)	NS	NS	NS	0	NS	0
Selenium, Total, (ug/l as Se)	BDL	NS	BDL	0	NS	0

SR-49 - North Bank of Salt River at 67th Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Selenium, Dissolved, (ug/l as Se)	BDL	NS	BDL	0	NS	0
Silver, Total Recoverable, (ug/l as Ag)	BDL	NS	BDL	0	NS	0
Silver, Dissolved, (ug/l as Ag)	BDL	NS	BDL	0	NS	0
Sodium, Dissolved, (mg/l as Na)	NS	NS	NS	0	NS	0
Strontium, Dissolved, (ug/l as Sr)	NS	NS	NS	0	NS	0
Thallium, Total, (ug/l as Tl)	BDL	NS	BDL	0	NS	0
Thallium, Dissolved, (ug/l as Tl)	BDL	NS	BDL	0	NS	0
Vanadium, Dissolved, (ug/l as V)	NS	NS	NS	0	NS	0
Zinc, Total Recoverable, (ug/l as Zn)	50	NS	50	0.63	NS	0.63
Zinc, Dissolved, (ug/l as Zn)	BDL	NS	BDL	0	NS	0
Diazinon, Total, (ug/l)	NS	NS	NS	0	NS	0
Ethion, Total, (ug/l)	NS	NS	NS	0	NS	0
Malathion, Total, (ug/l)	NS	NS	NS	0	NS	0
Methyl Parathion, Total, (ug/l)	NS	NS	NS	0	NS	0
Parathion, Total, (ug/l)	NS	NS	NS	0	NS	0
Trithion, Total, (ug/l)	NS	NS	NS	0	NS	0
Di-syston, Total, (ug/l)	NS	NS	NS	0	NS	0
Phorate, Total, (ug/l)	NS	NS	NS	0	NS	0
Chlorpyrifos, Total, (ug/l)	NS	NS	NS	0	NS	0
DEF, Total, (ug/l)	NS	NS	NS	0	NS	0
Fonofos(Dy-fonate), WWT, (ug/l)	NS	NS	NS	0	NS	0
Aldrin, Total, (ug/l)	BDL	NS	BDL	0	NS	0
BHC - ALPHA, (ug/l)	BDL	NS	BDL	0	NS	0
BHC - Gamma (Lindane), (ug/l)	BDL	NS	BDL	0	NS	0
BHC - DELTA, (ug/l)	BDL	NS	BDL	0	NS	0
Aroclor 1016, PCB, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Aroclor 1221, PCB, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Aroclor 1232, PCB, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Aroclor 1242, PCB, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Aroclor 1248, PCB, Total, (ug/l)	BDL	NS	BDL	0	NS	0

SR-49 - North Bank of Salt River at 67th Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Aroclor 1254, PCB, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Aroclor 1260, PCB, Total, (ug/L)	BDL	NS	BDL	0	NS	0
Chlordane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
P,P' DDD, Total, (ug/l)	BDL	NS	BDL	0	NS	0
P,P' DDE, Total, (ug/l)	BDL	NS	BDL	0	NS	0
P, P' DDT, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Dieldrin, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Endo-Sulfan Alpha, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Endo-Sulfan Beta, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Endo-Sulfan Sulfate, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Endrin Aldehyde, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Endrin, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Heptachlor, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Heptachlor Epoxide, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Toxaphene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Methoxychlor, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Beta Benzene Hexachloride, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,1,1,2-Tetrachloroethane, Total, (ug/l)	NS	NS	NS	0	NS	0
Tetrachloroethene, PCE, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,1,1- Trichloroethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,1,2- Trichloroethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Trichloroethene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,1- Dichloroethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,1- Dichloroethene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,2- Dichloroethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,2- Dichloropropane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2- Chloroethylvinyl Ether, Total, (ug/l)	BDL	NS	BDL	0	NS	0
cis-1,3-Dichloropropene, (ug/l)	BDL	NS	BDL	0	NS	0
trans-1,2- Dichloroethene, (ug/l)	BDL	NS	BDL	0	NS	0

SR-49 - North Bank of Salt River at 67th Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
trans-1,3- Dichloropropene, (ug/l)	BDL	NS	BDL	0	NS	0
Benzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Bromodichloromethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Bromoform, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Carbon Tetrachloride, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Chlorobenzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Chloroethane, (ug/l)	BDL	NS	BDL	0	NS	0
Chloroform, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Ethyl-Benzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Methylene Chloride, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Toluene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Trichlorofluoromethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Vinyl Chloride, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Chlorodibromomethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	BDL	NS	BDL	0	NS	0
Acetone, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2-Butanone, (ug/l)	BDL	NS	BDL	0	NS	0
Carbon Disulfide, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,2 Dichloroethene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Xylenes, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2-Hexanone, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Styrene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Acrolein, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Acrylonitrile, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Bromobenzene, Water Whole, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,3-Dichloropropane, Water Whole, Total, (ug/l)	NS	NS	NS	0	NS	0
Methyl Bromide, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Methyl Chloride, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Parachloro Toluene, Total, (ug/l)	NS	NS	NS	0	NS	0
Dibromoethane, Total, (ug/l)	NS	NS	NS	0	NS	0

SR-49 - North Bank of Salt River at 67th Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Acenaphthene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Acenaphthylene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Anthracene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Benzidine, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Benzoic Acid, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Benzo (a) Anthracene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Benzo (b) Fluoranthene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Benzo (k) Fluoranthene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Benzo (ghi) Perylene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Benzo (a) Pyrene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Benzyl Alcohol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.7	NS	7.7	0.10	NS	0.10
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Butyl Benzyl Phthalate, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2-Chloronaphthalene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2-Chlorophenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Chrysene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Di-N-Butyl Phthalate, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,3- Dichlorobenzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,4- Dichlorobenzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,2- Dichlorobenzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
3,3'- Dichlorobenzidine, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2,4- Dichlorophenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Diethyl Phthalate, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2,4- Dimethylphenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0

SR-49 - North Bank of Salt River at 67th Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Dimethyl Phthalate, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2,4- Dinitrophenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2,4- Dinitrotoluene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2,6- Dinitrotoluene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Di-N-Octyl-Phthalate, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Fluoranthene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Fluorene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Hexachlorobenzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Hexachlorobutadiene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Hexachlorocyclopentadiene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Hexachloroethane, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Isophorone, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Naphthalene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Nitrobenzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2-Nitrophenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
4-Nitrophenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
N-Nitrosodiphenylamine, Total, (ug/l)	BDL	NS	BDL	0	NS	0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Pentachlorophenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Phenanthrene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Phenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
Pyrene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,2,4-Trichlorobenzene, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2,4,5- Trichlorophenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
2,4,6- Trichlorophenol, Total, (ug/l)	BDL	NS	BDL	0	NS	0
N-Nitrosodimethylamine, Total, (ug/l)	BDL	NS	BDL	0	NS	0
1,2- Diphenylhydrazine, Total, (ug/l)	NS	NS	NS	0	NS	0
Dichlorodifluoromethane, Total, (ug/l)	NS	NS	NS	0	NS	0

SR-49 - North Bank of Salt River at 67th Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Parachloro-Meta-Cresol, Total, (ug/l)	NS	NS	NS	0	NS	0

IB-08

Indian Bend Wash at 40th Street

IB-08 - North Bank of Indian Bend Wash at 40th Street	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
BOD5 (mg/l)	36	65	32	15854	1402	14452
COD High Level (mg/l)	223	117	241	78709	2523	76186
Chloride (mg/l as Cl)	16	30	13	5758	647	5111
Cyanide Total (mg/l as Cn)	0.03	BDL	0.03	1.0	0	1.0
Fecal Coliform (CFU/100mL)	22,048	160,000	2,340			
Fecal Streptococci (CFU/100mL)	6,705	9,000	6,377			
Solids Residue at 180 Deg. C (TDS) (mg/l)	117	236	100	52382	5090	47293
Residue, Total at 105 Deg. C (TSS) (mg/l)	472	1084	370	111684	23378	88306
Nitrogen No2 + No3, Total (mg/l as N)	1.7	0.1	1.9	562	2.2	560
TKN Nitrogen (mg/l as N)	2.3	2.8	2.3	737	60	677
Nitrogen, Ammonia + Organic, Total (mg/l as N)	2.5	2.8	2.4	537	60	477
Nitrogen Nitrate Total (mg/l as N)	1.6	0.1	1.86	553	2.2	551
Nitrogen Nitrite Total (mg/l as N)	0.1	0.1	0.1	6.5	2.2	4.3
Nitrogen Ammonia Total (mg/l as N)	1.4	1.4	1.4	304	29	275
Nitrogen Organic Total (mg/l as N)	1.3	1.4	1.3	233	30	203
Phosphorous Total (mg/l as P)	1.0	2.4	0.8	396	52	344
Phosphorous Dissolved (mg/l as P)	0.62	0.46	0.64	221	9.9	211
Phosphorous Ortho (mg/l as P)	0.22	BDL	0.22	80	0	80
Sulfate Dissolved (mg/l)	39	79	30	13822	1704	12118
Hexavalent Chromium Total (mg/l)	BDL	BDL	BDL	0	0	0
Phenols Total Recoverable (ug/l)	44.9	6.4	53	11	0.14	11
Oil and Grease Total Recoverable (mg/l)	66.5	113	20	3120	2437	683
Organic Carbon, Total (mg/l)	26	64	20	6095	1380	4715
Bicarbonate Whole Field (mg/l as HCo3)	NS	NS	NS	0	0	0
Bicarbonate Dissolved, Field (mg/l as HCo3)	NS	NS	NS	0	0	0
Carbonate Water Field (mg/l as Co3)	NS	NS	NS	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)	NS	NS	NS	0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)	NS	NS	NS	0	0	0
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	NS	NS	NS	0	0	0
Alkalinity LAB (mg/l as CaCo3)	62	132	52			

IB-08 - North Bank of Indian Bend Wash at 40th Street	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Silica Dissolved (mg/l as SiO2)	BDL	BDL	BDL	0	0	0
Hardness (mg/l)	90	BDL	90			
Antimony (ug/l as Sb)	BDL	BDL	BDL	0	0	0
Antimony Dissolved (ug/l as Sb)	BDL	BDL	BDL	0	0	0
Arsenic Total (ug/l as As)	8.5	BDL	8.5	0.68	0	0.68
Arsenic Dissolved (ug/l as As)	BDL	BDL	BDL	0	0	0
Barium Dissolved (ug/l as Ba)	NS	NS	NS	0	0	0
Beryllium Total Recoverable (ug/l as Be)	BDL	BDL	BDL	0	0	0
Beryllium Dissolved (ug/l as Be)	BDL	BDL	BDL	0	0	0
Cadmium Total Recoverable (ug/l as Cd)	0.77	BDL	0.77	0.23	0	0.23
Cadmium Dissolved (ug/l as Cd)	0.64	0.43	0.71	0.079	0.0093	0.070
Calcium Dissolved (mg/l as Ca)	NS	NS	NS	0	0	0
Chromium Total Recoverable (ug/l as Cr)	14	3.5	15	5.8	0.075	5.8
Chromium Dissolved (ug/l as Cr)	2.4	2.1	2.5	0.75	0.045	0.71
Cobalt Dissolved (ug/l as Co)	NS	NS	NS	0	0	0
Copper, Total Recoverable, (ug/l as Cu)	29	30	29	11	0.65	10
Copper, Dissolved, (ug/l as Cu)	19	17	19	4.2	0.37	3.8
Iron, Dissolved, (ug/l as Fe)	NS	NS	NS	0	0	0
Lead, Total Recoverable, (ug/l as Pb)	21	4	23	8.6	0.086	8.5
Lead, Dissolved, (ug/l as Pb)	8.4	3.7	13	0.52	0.080	0.44
Lithium, Dissolved, (ug/l as Li)	NS	NS	NS	0	0	0
Magnesium, Dissolved, (mg/l as Mg)	NS	NS	NS	0	0	0
Manganese, Dissolved, (ug/l as Mn)	NS	NS	NS	0	0	0
Mercury, Total Recoverable, (ug/l as Hg)	0.4	BDL	0.4	0.017	0	0.017
Mercury, Dissolved, (ug/l as Hg)	0.4	BDL	0.4	0.035	0	0.035
Molybdenum, Dissolved, (ug/l as Mo)	NS	NS	NS	0	0	0
Nickel, Total Recoverable, (ug/l as Ni)	16	8.7	17	4.6	0.19	4.5
Nickel, Dissolved, (ug/l as Ni)	4.26	5.8	3.9	0.91	0.13	0.79
Potassium, Dissolved, (mg/l as K)	NS	NS	NS	0	0	0
Selenium, Total, (ug/l as Se)	BDL	BDL	BDL	0	0	0

IB-08 - North Bank of Indian Bend Wash at 40th Street	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Selenium, Dissolved, (ug/l as Se)	BDL	BDL	BDL	0	0	0
Silver, Total Recoverable, (ug/l as Ag)	BDL	BDL	BDL	0	0	0
Silver, Dissolved, (ug/l as Ag)	BDL	BDL	BDL	0	0	0
Sodium, Dissolved, (mg/l as Na)	NS	NS	NS	0	0	0
Strontium, Dissolved, (ug/l as Sr)	NS	NS	NS	0	0	0
Thallium, Total, (ug/l as Tl)	BDL	BDL	BDL	0	0	0
Thallium, Dissolved, (ug/l as Tl)	BDL	BDL	BDL	0	0	0
Vanadium, Dissolved, (ug/l as V)	NS	NS	NS	0	0	0
Zinc, Total Recoverable, (ug/l as Zn)	148	64	160	63	1.4	62
Zinc, Dissolved, (ug/l as Zn)	73	73	73	23	1.6	22
Diazinon, Total, (ug/l)	NS	NS	NS	0	0	0
Ethion, Total, (ug/l)	NS	NS	NS	0	0	0
Malathion, Total, (ug/l)	NS	NS	NS	0	0	0
Methyl Parathion, Total, (ug/l)	NS	NS	NS	0	0	0
Parathion, Total, (ug/l)	NS	NS	NS	0	0	0
Trithion, Total, (ug/l)	NS	NS	NS	0	0	0
Di-syston, Total, (ug/l)	NS	NS	NS	0	0	0
Phorate, Total, (ug/l)	NS	NS	NS	0	0	0
Chlorpyrifos, Total, (ug/l)	NS	NS	NS	0	0	0
DEF, Total, (ug/l)	NS	NS	NS	0	0	0
Fonofos(Dy-fonate), WWT, (ug/l)	NS	NS	NS	0	0	0
Aldrin, Total, (ug/l)	BDL	BDL	BDL	0	0	0
BHC - ALPHA, (ug/l)	BDL	BDL	BDL	0	0	0
BHC - Gamma (Lindane), (ug/l)	BDL	BDL	BDL	0	0	0
BHC - DELTA, (ug/l)	BDL	BDL	BDL	0	0	0
Aroclor 1016, PCB, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Aroclor 1221, PCB, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Aroclor 1232, PCB, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Aroclor 1242, PCB, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Aroclor 1248, PCB, Total, (ug/l)	BDL	BDL	BDL	0	0	0

IB-08 - North Bank of Indian Bend Wash at 40th Street	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Aroclor 1254, PCB, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Aroclor 1260, PCB, Total, (ug/L)	BDL	BDL	BDL	0	0	0
Chlordane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
P,P' DDD, Total, (ug/l)	BDL	BDL	BDL	0	0	0
P,P' DDE, Total, (ug/l)	BDL	BDL	BDL	0	0	0
P, P' DDT, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Dieldrin, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Endo-Sulfan Alpha, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Endo-Sulfan Beta, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Endo-Sulfan Sulfate, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Endrin Aldehyde, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Endrin, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Heptachlor, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Heptachlor Epoxide, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Toxaphene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Methoxychlor, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Beta Benzene Hexachloride, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,1,1,2-Tetrachloroethane, Total, (ug/l)	NS	NS	NS	0	0	0
Tetrachloroethene, PCE, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,1,1- Trichloroethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,1,2- Trichloroethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Trichloroethene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,1- Dichloroethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,1- Dichloroethene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,2- Dichloroethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,2- Dichloropropane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2- Chloroethylvinyl Ether, Total, (ug/l)	BDL	BDL	BDL	0	0	0
cis-1,3-Dichloropropene, (ug/l)	BDL	BDL	BDL	0	0	0
trans-1,2- Dichloroethene, (ug/l)	BDL	BDL	BDL	0	0	0

IB-08 - North Bank of Indian Bend Wash at 40th Street	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
trans-1,3- Dichloropropene, (ug/l)	BDL	BDL	BDL	0	0	0
Benzene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Bromodichloromethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Bromoform, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Carbon Tetrachloride, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Chlorobenzene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Chloroethane, (ug/l)	BDL	BDL	BDL	0	0	0
Chloroform, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Ethyl-Benzene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Methylene Chloride, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Toluene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Trichlorofluoromethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Vinyl Chloride, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Chlorodibromomethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	BDL	BDL	BDL	0	0	0
Acetone, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2-Butanone, (ug/l)	BDL	BDL	BDL	0	0	0
Carbon Disulfide, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,2 Dichloroethene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Xylenes, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2-Hexanone, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Styrene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Acrolein, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Acrylonitrile, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Bromobenzene, Water Whole, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,3-Dichloropropane, Water Whole, Total, (ug/l)	NS	NS	NS	0	0	0
Methyl Bromide, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Methyl Chloride, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Parachloro Toluene, Total, (ug/l)	NS	NS	NS	0	0	0
Dibromoethane, Total, (ug/l)	NS	NS	NS	0	0	0

IB-08 - North Bank of Indian Bend Wash at 40th Street	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Dimethyl Phthalate, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2,4- Dinitrophenol, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2,4- Dinitrotoluene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2,6- Dinitrotoluene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Di-N-Octyl-Phthalate, Total, (ug/l)	11.5	BDL	11.5	0.89	0	0.89
Fluoranthene, Total, (ug/l)	12.5	BDL	12.5	0.95	0	0.95
Fluorene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Hexachlorobenzene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Hexachlorobutadiene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Hexachlorocyclopentadiene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Hexachloroethane, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Isophorone, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Naphthalene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Nitrobenzene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2-Nitrophenol, Total, (ug/l)	BDL	BDL	BDL	0	0	0
4-Nitrophenol, Total, (ug/l)	BDL	BDL	BDL	0	0	0
N-Nitrosodiphenylamine, Total, (ug/l)	BDL	BDL	BDL	0	0	0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Pentachlorophenol, Total, (ug/l)	BDL	BDL	BDL	0	0	0
Phenanthrene, Total, (ug/l)	9.7	BDL	9.7	0.42	0	0.42
Phenol, Total, (ug/l)	9.7	BDL	9.7	0.42	0	0.42
Pyrene, Total, (ug/l)	9.2	BDL	9.2	0.71	0	0.71
1,2,4-Trichlorobenzene, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2,4,5- Trichlorophenol, Total, (ug/l)	BDL	BDL	BDL	0	0	0
2,4,6- Trichlorophenol, Total, (ug/l)	BDL	BDL	BDL	0	0	0
N-Nitrosodimethylamine, Total, (ug/l)	BDL	BDL	BDL	0	0	0
1,2- Diphenylhydrazine, Total, (ug/l)	NS	NS	NS	0	0	0
Dichlorodifluoromethane, Total, (ug/l)	NS	NS	NS	0	0	0

IB-08 - North Bank of Indian Bend Wash at 40th Street	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Parachloro-Meta-Cresol, Total, (ug/l)	NS	NS	NS	0	0	0

ACDC and 43rd Avenue
(USGS)

ACDC at 43rd Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
BOD5 (mg/l)	NS	NS	NS	NS	NS	NS
COD High Level (mg/l)	159	194	124	618	212	406
Chloride (mg/l as Cl)	6.1	8.5	3.8	22	9.3	12
Cyanide Total (mg/l as Cn)	0.013	0.013	BDL	0.014	0.014	0
Fecal Coliform (CFU/100mL)	NS	NS	NS			
Fecal Streptococci (CFU/100mL)	NS	NS	NS			
Solids Residue at 180 Deg. C (TDS) (mg/l)	196	330	61	562	362	201
Residue, Total at 105 Deg. C (TSS) (mg/l)	144	166	121	580	182	398
Nitrogen No2 + No3, Total (mg/l as N)	1.7	3	0.44	4.7	3.3	1.4
TKN Nitrogen (mg/l as N)	NS	NS	NS	0	0	0
Nitrogen, Ammonia + Organic, Total (mg/l as N)	5.6	8.6	2.7	18	9.4	8.7
Nitrogen Nitrate Total (mg/l as N)	1.7	2.9	0.40	4.5	3.2	1.3
Nitrogen Nitrite Total (mg/l as N)	0.048	0.057	0.039	0.19	0.062	0.13
Nitrogen Ammonia Total (mg/l as N)	3.5	6.0	1.0	9.9	6.5	3.4
Nitrogen Organic Total (mg/l as N)	NS	NS	NS	0	0	0
Phosphorous Total (mg/l as P)	0.82	1.4	0.28	2.4	1.5	0.90
Phosphorous Dissolved (mg/l as P)	0.63	1.2	0.1	1.6	1.3	0.33
Phosphorous Ortho (mg/l as P)	0.41	0.72	0.09	1.1	0.79	0.30
Sulfate Dissolved (mg/l)	18	29	7.1	54	31	23
Hexavalent Chromium Total (mg/l)	NS	NS	NS	0	0	0
Phenols Total Recoverable (ug/l)	13	18	8	0.045	0.019	0.026
Oil and Grease Total Recoverable (mg/l)	28	34	23	111	37	74
Organic Carbon, Total (mg/l)	60	94	26	187	103	84
Bicarbonate Whole Field (mg/l as HCo3)	18	22	15	71	24	48
Bicarbonate Dissolved, Field (mg/l as HCo3)	9.8	6.5	13	50	7.1	43
Carbonate Water Field (mg/l as Co3)	0	0	0	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)	0	0	0	0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)	15	18	12	59	19	39
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	8	5.5	11	41	6.0	35
Alkalinity LAB (mg/l as CaCo3)	36	57	16			

ACDC at 43rd Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Silica Dissolved (mg/l as SiO ₂)	NS	NS	NS	0	0	0
Hardness (mg/l)	NS	NS	NS			
Antimony (ug/l as Sb)	NS	NS	NS	0	0	0
Antimony Dissolved (ug/l as Sb)	NS	NS	NS	0	0	0
Arsenic Total (ug/l as As)	4.7	5	4	0.012	0.0055	0.0066
Arsenic Dissolved (ug/l as As)	NS	NS	NS	0	0	0
Barium Dissolved (ug/l as Ba)	NS	NS	NS	0	0	0
Beryllium Total Recoverable (ug/l as Be)	BDL	BDL	BDL	0	0	0
Beryllium Dissolved (ug/l as Be)	NS	NS	NS	0	0	0
Cadmium Total Recoverable (ug/l as Cd)	2	2	BDL	0.0011	0.0011	0
Cadmium Dissolved (ug/l as Cd)	NS	NS	NS	0	0	0
Calcium Dissolved (mg/l as Ca)	27	27	BDL	29	29	0
Chromium Total Recoverable (ug/l as Cr)	5	6.5	3.5	0.019	0.0071	0.012
Chromium Dissolved (ug/l as Cr)	NS	NS	NS	0	0	0
Cobalt Dissolved (ug/l as Co)	NS	NS	NS	0	0	0
Copper, Total Recoverable, (ug/l as Cu)	26	39	13	0.086	0.043	0.043
Copper, Dissolved, (ug/l as Cu)	NS	NS	NS	0	0	0
Iron, Dissolved, (ug/l as Fe)	NS	NS	NS	0	0	0
Lead, Total Recoverable, (ug/l as Pb)	10	14	7	0.038	0.015	0.023
Lead, Dissolved, (ug/l as Pb)	NS	BDL	BDL	0	0	0
Lithium, Dissolved, (ug/l as Li)	NS	NS	NS	0	0	0
Magnesium, Dissolved, (mg/l as Mg)	3.5	3.5	BDL	3.8	3.8	0
Manganese, Dissolved, (ug/l as Mn)	NS	NS	NS	0	0	0
Mercury, Total Recoverable, (ug/l as Hg)	BDL	BDL	BDL	0	0	0
Mercury, Dissolved, (ug/l as Hg)	NS	NS	NS	0	0	0
Molybdenum, Dissolved, (ug/l as Mo)	NS	NS	NS	0	0	0
Nickel, Total Recoverable, (ug/l as Ni)	15	24	7	0.049	0.026	0.023
Nickel, Dissolved, (ug/l as Ni)	NS	NS	NS	0	0	0
Potassium, Dissolved, (mg/l as K)	4.3	4.3	BDL	4.7	4.7	0
Selenium, Total, (ug/l as Se)	BDL	BDL	BDL	0	0	0

ACDC at 43rd Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Selenium, Dissolved, (ug/l as Se)	NS	NS	NS	0	0	0
Silver, Total Recoverable, (ug/l as Ag)	BDL	BDL	BDL	0	0	0
Silver, Dissolved, (ug/l as Ag)	NS	NS	NS	0	0	0
Sodium, Dissolved, (mg/l as Na)	9.7	9.7	BDL	11	11	0
Strontium, Dissolved, (ug/l as Sr)	NS	NS	NS	0	0	0
Thallium, Total, (ug/l as Tl)	NS	NS	NS	0	0	0
Thallium, Dissolved, (ug/l as Tl)	NS	NS	NS	0	0	0
Vanadium, Dissolved, (ug/l as V)	NS	NS	NS	0	0	0
Zinc, Total Recoverable, (ug/l as Zn)	295	485	105	0.88	0.53	0.35
Zinc, Dissolved, (ug/l as Zn)	NS	NS	NS	0	0	0
Diazinon, Total, (ug/l)	NS	NS	NS	0	0	0
Ethion, Total, (ug/l)	NS	NS	NS	0	0	0
Malathion, Total, (ug/l)	NS	NS	NS	0	0	0
Methyl Parathion, Total, (ug/l)	NS	NS	NS	0	0	0
Parathion, Total, (ug/l)	NS	NS	NS	0	0	0
Trithion, Total, (ug/l)	NS	NS	NS	0	0	0
Di-syston, Total, (ug/l)	NS	NS	NS	0	0	0
Phorate, Total, (ug/l)	NS	NS	NS	0	0	0
Chlorpyrifos, Total, (ug/l)	NS	NS	NS	0	0	0
DEF, Total, (ug/l)	NS	NS	NS	0	0	0
Fonofos(Dy-fonate), WWT, (ug/l)	NS	NS	NS	0	0	0
Aldrin, Total, (ug/l)	NS	NS	NS	0	0	0
BHC - ALPHA, (ug/l)	NS	NS	NS	0	0	0
BHC - Gamma (Lindane), (ug/l)	NS	NS	NS	0	0	0
BHC - DELTA, (ug/l)	NS	NS	NS	0	0	0
Aroclor 1016, PCB, Total, (ug/l)	NS	NS	NS	0	0	0
Aroclor 1221, PCB, Total, (ug/l)	NS	NS	NS	0	0	0
Aroclor 1232, PCB, Total, (ug/l)	NS	NS	NS	0	0	0
Aroclor 1242, PCB, Total, (ug/l)	NS	NS	NS	0	0	0
Aroclor 1248, PCB, Total, (ug/l)	NS	NS	NS	0	0	0

ACDC at 43rd Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Aroclor 1254, PCB, Total, (ug/l)	NS	NS	NS	0	0	0
Aroclor 1260, PCB, Total, (ug/L)	NS	NS	NS	0	0	0
Chlordane, Total, (ug/l)	NS	NS	NS	0	0	0
P,P' DDD, Total, (ug/l)	NS	NS	NS	0	0	0
P,P' DDE, Total, (ug/l)	NS	NS	NS	0	0	0
P, P' DDT, Total, (ug/l)	NS	NS	NS	0	0	0
Dieldrin, Total, (ug/l)	NS	NS	NS	0	0	0
Endo-Sulfan Alpha, Total, (ug/l)	NS	NS	NS	0	0	0
Endo-Sulfan Beta, Total, (ug/l)	NS	NS	NS	0	0	0
Endo-Sulfan Sulfate, Total, (ug/l)	NS	NS	NS	0	0	0
Endrin Aldehyde, Total, (ug/l)	NS	NS	NS	0	0	0
Endrin, Total, (ug/l)	NS	NS	NS	0	0	0
Heptachlor, Total, (ug/l)	NS	NS	NS	0	0	0
Heptachlor Epoxide, Total, (ug/l)	NS	NS	NS	0	0	0
Toxaphene, Total, (ug/l)	NS	NS	NS	0	0	0
Methoxychlor, Total, (ug/l)	NS	NS	NS	0	0	0
Beta Benzene Hexachloride, Total, (ug/l)	NS	NS	NS	0	0	0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	NS	NS	NS	0	0	0
1,1,1,2-Tetrachloroethane, Total, (ug/l)	NS	NS	NS	0	0	0
Tetrachloroethene, PCE, Total, (ug/l)	NS	NS	NS	0	0	0
1,1,1- Trichloroethane, Total, (ug/l)	NS	NS	NS	0	0	0
1,1,2- Trichloroethane, Total, (ug/l)	NS	NS	NS	0	0	0
Trichloroethene, Total, (ug/l)	NS	NS	NS	0	0	0
1,1- Dichloroethane, Total, (ug/l)	NS	NS	NS	0	0	0
1,1- Dichloroethene, Total, (ug/l)	NS	NS	NS	0	0	0
1,2- Dichloroethane, Total, (ug/l)	NS	NS	NS	0	0	0
1,2- Dichloropropane, Total, (ug/l)	NS	NS	NS	0	0	0
2- Chloroethylvinyl Ether, Total, (ug/l)	NS	NS	NS	0	0	0
cis-1,3-Dichloropropene, (ug/l)	NS	NS	NS	0	0	0
trans-1,2- Dichloroethene, (ug/l)	NS	NS	NS	0	0	0

ACDC at 43rd Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
trans-1,3- Dichloropropene, (ug/l)	NS	NS	NS	0	0	0
Benzene, Total, (ug/l)	NS	NS	NS	0	0	0
Bromodichloromethane, Total, (ug/l)	NS	NS	NS	0	0	0
Bromoform, Total, (ug/l)	NS	NS	NS	0	0	0
Carbon Tetrachloride, Total, (ug/l)	NS	NS	NS	0	0	0
Chlorobenzene, Total, (ug/l)	NS	NS	NS	0	0	0
Chloroethane, (ug/l)	NS	NS	NS	0	0	0
Chloroform, Total, (ug/l)	NS	NS	NS	0	0	0
Ethyl-Benzene, Total, (ug/l)	NS	NS	NS	0	0	0
Methylene Chloride, Total, (ug/l)	NS	NS	NS	0	0	0
Toluene, Total, (ug/l)	NS	NS	NS	0	0	0
Trichlorofluoromethane, Total, (ug/l)	NS	NS	NS	0	0	0
Vinyl Chloride, Total, (ug/l)	NS	NS	NS	0	0	0
Chlorodibromomethane, Total, (ug/l)	NS	NS	NS	0	0	0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	NS	NS	NS	0	0	0
Acetone, Total, (ug/l)	NS	NS	NS	0	0	0
2-Butanone, (ug/l)	NS	NS	NS	0	0	0
Carbon Disulfide, Total, (ug/l)	NS	NS	NS	0	0	0
1,2 Dichloroethene, Total, (ug/l)	NS	NS	NS	0	0	0
Xylenes, Total, (ug/l)	NS	NS	NS	0	0	0
2-Hexanone, Total, (ug/l)	NS	NS	NS	0	0	0
Styrene, Total, (ug/l)	NS	NS	NS	0	0	0
Acrolein, Total, (ug/l)	NS	NS	NS	0	0	0
Acrylonitrile, Total, (ug/l)	NS	NS	NS	0	0	0
Bromobenzene, Water Whole, Total, (ug/l)	NS	NS	NS	0	0	0
1,3-Dichloropropane, Water Whole, Total, (ug/l)	NS	NS	NS	0	0	0
Methyl Bromide, Total, (ug/l)	NS	NS	NS	0	0	0
Methyl Chloride, Total, (ug/l)	NS	NS	NS	0	0	0
Parachloro Toluene, Total, (ug/l)	NS	NS	NS	0	0	0
Dibromoethane, Total, (ug/l)	NS	NS	NS	0	0	0

ACDC at 43rd Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Acenaphthene, Total, (ug/l)	NS	NS	NS	0	0	0
Acenaphthylene, Total, (ug/l)	NS	NS	NS	0	0	0
Anthracene, Total, (ug/l)	NS	NS	NS	0	0	0
Benzidine, Total, (ug/l)	NS	NS	NS	0	0	0
Benzoic Acid, Total, (ug/l)	NS	NS	NS	0	0	0
Benzo (a) Anthracene, Total, (ug/l)	NS	NS	NS	0	0	0
Benzo (b) Fluoranthene, Total, (ug/l)	NS	NS	NS	0	0	0
Benzo (k) Fluoranthene, Total, (ug/l)	NS	NS	NS	0	0	0
Benzo (ghi) Perylene, Total, (ug/l)	NS	NS	NS	0	0	0
Benzo (a) Pyrene, Total, (ug/l)	NS	NS	NS	0	0	0
Benzyl Alcohol, Total, (ug/l)	NS	NS	NS	0	0	0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NS	NS	NS	0	0	0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	NS	NS	NS	0	0	0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	NS	NS	NS	0	0	0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	NS	NS	NS	0	0	0
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NS	NS	NS	0	0	0
Butyl Benzyl Phthalate, Total, (ug/l)	NS	NS	NS	0	0	0
2-Chloronaphthalene, Total, (ug/l)	NS	NS	NS	0	0	0
2-Chlorophenol, Total, (ug/l)	NS	NS	NS	0	0	0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NS	NS	NS	0	0	0
Chrysene, Total, (ug/l)	NS	NS	NS	0	0	0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	NS	NS	NS	0	0	0
Di-N-Butyl Phthalate, Total, (ug/l)	NS	NS	NS	0	0	0
1,3- Dichlorobenzene, Total, (ug/l)	NS	NS	NS	0	0	0
1,4- Dichlorobenzene, Total, (ug/l)	NS	NS	NS	0	0	0
1,2- Dichlorobenzene, Total, (ug/l)	NS	NS	NS	0	0	0
3,3'- Dichlorobenzidine, Total, (ug/l)	NS	NS	NS	0	0	0
2,4- Dichlorophenol, Total, (ug/l)	NS	NS	NS	0	0	0
Diethyl Phthalate, Total, (ug/l)	NS	NS	NS	0	0	0
2,4- Dimethylphenol, Total, (ug/l)	NS	NS	NS	0	0	0

ACDC at 43rd Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Dimethyl Phthalate, Total, (ug/l)	NS	NS	NS	0	0	0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	NS	NS	NS	0	0	0
2,4- Dinitrophenol, Total, (ug/l)	NS	NS	NS	0	0	0
2,4- Dinitrotoluene, Total, (ug/l)	NS	NS	NS	0	0	0
2,6- Dinitrotoluene, Total, (ug/l)	NS	NS	NS	0	0	0
Di-N-Octyl-Phthalate, Total, (ug/l)	NS	NS	NS	0	0	0
Fluoranthene, Total, (ug/l)	NS	NS	NS	0	0	0
Fluorene, Total, (ug/l)	NS	NS	NS	0	0	0
Hexachlorobenzene, Total, (ug/l)	NS	NS	NS	0	0	0
Hexachlorobutadiene, Total, (ug/l)	NS	NS	NS	0	0	0
Hexachlorocyclopentadiene, Total, (ug/l)	NS	NS	NS	0	0	0
Hexachloroethane, Total, (ug/l)	NS	NS	NS	0	0	0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	NS	NS	NS	0	0	0
Isophorone, Total, (ug/l)	NS	NS	NS	0	0	0
Naphthalene, Total, (ug/l)	NS	NS	NS	0	0	0
Nitrobenzene, Total, (ug/l)	NS	NS	NS	0	0	0
2-Nitrophenol, Total, (ug/l)	NS	NS	NS	0	0	0
4-Nitrophenol, Total, (ug/l)	NS	NS	NS	0	0	0
N-Nitrosodiphenylamine, Total, (ug/l)	NS	NS	NS	0	0	0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	NS	NS	NS	0	0	0
Pentachlorophenol, Total, (ug/l)	NS	NS	NS	0	0	0
Phenanthrene, Total, (ug/l)	NS	NS	NS	0	0	0
Phenol, Total, (ug/l)	NS	NS	NS	0	0	0
Pyrene, Total, (ug/l)	NS	NS	NS	0	0	0
1,2,4-Trichlorobenzene, Total, (ug/l)	NS	NS	NS	0	0	0
2,4,5- Trichlorophenol, Total, (ug/l)	NS	NS	NS	0	0	0
2,4,6- Trichlorophenol, Total, (ug/l)	NS	NS	NS	0	0	0
N-Nitrosodimethylamine, Total, (ug/l)	NS	NS	NS	0	0	0
1,2- Diphenylhydrazine, Total, (ug/l)	NS	NS	NS	0	0	0
Dichlorodifluoromethane, Total, (ug/l)	NS	NS	NS	0	0	0

ACDC at 43rd Avenue	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Parachloro-Meta-Cresol, Total, (ug/l)	NS	NS	NS	0	0	0

South bank Salt River at 27th Avenue
(USGS)

27th Avenue at south bank of Salt River	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
BOD5 (mg/l)	NS	NS	NS	0	0	0
COD High Level (mg/l)	203	196	210	1517	454	1063
Chloride (mg/l as Cl)	22	22	23	184	73	111
Cyanide Total (mg/l as Cn)	0.019	BDL	0.019	0.042	0	0.042
Fecal Coliform (CFU/100mL)	NS	NS	NS			
Fecal Streptococci (CFU/100mL)	NS	NS	NS			
Solids Residue at 180 Deg. C (TDS) (mg/l)	514	266	763	4304	829	3475
Residue, Total at 105 Deg. C (TSS) (mg/l)	497	779	215	4120	3013	1107
Nitrogen No2 + No3, Total (mg/l as N)	2.7	3.1	2.3	22	10.0	12
TKN Nitrogen (mg/l as N)	NS	NS	NS	0	0	0
Nitrogen, Ammonia + Organic, Total (mg/l as N)	37	7.6	66	300	24	296
Nitrogen Nitrate Total (mg/l as N)	2.4	3.0	1.8	20	9.7	9.9
Nitrogen Nitrite Total (mg/l as N)	0.27	0.080	0.46	2.3	0.24	2.1
Nitrogen Ammonia Total (mg/l as N)	18	1.95	35	161	6.1	155
Nitrogen Organic Total (mg/l as N)	NS	NS	NS	0	0	0
Phosphorous Total (mg/l as P)	1.4	1.9	0.86	11	6.8	4.2
Phosphorous Dissolved (mg/l as P)	0.24	0.26	0.22	1.9	0.81	1.0
Phosphorous Ortho (mg/l as P)	0.30	0.22	0.38	2.5	0.72	1.7
Sulfate Dissolved (mg/l)	36	30	43	287	89	198
Hexavalent Chromium Total (mg/l)	NS	NS	NS	0	0	0
Phenols Total Recoverable (ug/l)	9	4	14	0.082	0.015	0.066
Oil and Grease Total Recoverable (mg/l)	10	8	13	86	25	61
Organic Carbon, Total (mg/l)	201	28	375	1798	112	1686
Bicarbonate Whole Field (mg/l as HCo3)	137	117	157	1164	429	735
Bicarbonate Dissolved, Field (mg/l as HCo3)	76	43	109	648	146	503
Carbonate Water Field (mg/l as Co3)	0	0	0	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)	0	0	0	0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)	113	96	129	956	352	604
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	62	35	90	531	118	413
Alkalinity LAB (mg/l as CaCo3)	113	96	130			

27th Avenue at south bank of Salt River	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Silica Dissolved (mg/l as SiO2)	NS	NS	NS	0	0	0
Hardness (mg/l)	NS	NS	NS			
Antimony (ug/l as Sb)	NS	NS	NS	0	0	0
Antimony Dissolved (ug/l as Sb)	NS	NS	NS	0	0	0
Arsenic Total (ug/l as As)	15	17	13	0.12	0.061	0.061
Arsenic Dissolved (ug/l as As)	NS	NS	NS	0	0	0
Barium Dissolved (ug/l as Ba)	NS	NS	NS	0	0	0
Beryllium Total Recoverable (ug/l as Be)	NS	NS	NS	0	0	0
Beryllium Dissolved (ug/l as Be)	NS	NS	NS	0	0	0
Cadmium Total Recoverable (ug/l as Cd)	2.5	3	2	0.020	0.011	0.009
Cadmium Dissolved (ug/l as Cd)	NS	NS	NS	0	0	0
Calcium Dissolved (mg/l as Ca)	30	30	BDL	92	92	0
Chromium Total Recoverable (ug/l as Cr)	21	23	18.5	0.17	0.086	0.088
Chromium Dissolved (ug/l as Cr)	NS	NS	NS	0	0	0
Cobalt Dissolved (ug/l as Co)	NS	NS	NS	0	0	0
Copper, Total Recoverable, (ug/l as Cu)	146	68	225	1.2	0.20	1.0
Copper, Dissolved, (ug/l as Cu)	NS	NS	NS	0	0	0
Iron, Dissolved, (ug/l as Fe)	NS	NS	NS	0	0	0
Lead, Total Recoverable, (ug/l as Pb)	268	240	295	2.2	0.88	1.4
Lead, Dissolved, (ug/l as Pb)	NS	NS	NS	0	0	0
Lithium, Dissolved, (ug/l as Li)	NS	NS	NS	0	0	0
Magnesium, Dissolved, (mg/l as Mg)	4.4	4.4	BDL	14	14	0
Manganese, Dissolved, (ug/l as Mn)	NS	NS	NS	0	0	0
Mercury, Total Recoverable, (ug/l as Hg)	BDL	BDL	BDL	0	0	0
Mercury, Dissolved, (ug/l as Hg)	NS	NS	NS	0	0	0
Molybdenum, Dissolved, (ug/l as Mo)	NS	NS	NS	0	0	0
Nickel, Total Recoverable, (ug/l as Ni)	44	47	42	0.36	0.17	0.19
Nickel, Dissolved, (ug/l as Ni)	NS	NS	NS	0	0	0
Potassium, Dissolved, (mg/l as K)	7.0	7.0	BDL	22	22	0
Selenium, Total, (ug/l as Se)	BDL	BDL	BDL	0	0	0

27th Avenue at south bank of Salt River	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Selenium, Dissolved, (ug/l as Se)	NS	NS	NS	0	0	0
Silver, Total Recoverable, (ug/l as Ag)	BDL	BDL	BDL	0	0	0
Silver, Dissolved, (ug/l as Ag)	NS	NS	NS	0	0	0
Sodium, Dissolved, (mg/l as Na)	18	18	BDL	58	58	0
Strontium, Dissolved, (ug/l as Sr)	NS	NS	NS	0	0	0
Thallium, Total, (ug/l as Tl)	NS	NS	NS	0	0	0
Thallium, Dissolved, (ug/l as Tl)	NS	NS	NS	0	0	0
Vanadium, Dissolved, (ug/l as V)	NS	NS	NS	0	0	0
Zinc, Total Recoverable, (ug/l as Zn)	518	570	465	4.3	2.1	2.2
Zinc, Dissolved, (ug/l as Zn)	NS	NS	NS	0	0	0
Diazinon, Total, (ug/l)	NS	NS	NS	0	0	0
Ethion, Total, (ug/l)	NS	NS	NS	0	0	0
Malathion, Total, (ug/l)	NS	NS	NS	0	0	0
Methyl Parathion, Total, (ug/l)	NS	NS	NS	0	0	0
Parathion, Total, (ug/l)	NS	NS	NS	0	0	0
Trithion, Total, (ug/l)	NS	NS	NS	0	0	0
Di-syston, Total, (ug/l)	NS	NS	NS	0	0	0
Phorate, Total, (ug/l)	NS	NS	NS	0	0	0
Chlorpyrifos, Total, (ug/l)	NS	NS	NS	0	0	0
DEF, Total, (ug/l)	NS	NS	NS	0	0	0
Fonofos(Dy-fonate), WWT, (ug/l)	NS	NS	NS	0	0	0
Aldrin, Total, (ug/l)	NS	NS	NS	0	0	0
BHC - ALPHA, (ug/l)	NS	NS	NS	0	0	0
BHC - Gamma (Lindane), (ug/l)	NS	NS	NS	0	0	0
BHC - DELTA, (ug/l)	NS	NS	NS	0	0	0
Aroclor 1016, PCB, Total, (ug/l)	NS	NS	NS	0	0	0
Aroclor 1221, PCB, Total, (ug/l)	NS	NS	NS	0	0	0
Aroclor 1232, PCB, Total, (ug/l)	NS	NS	NS	0	0	0
Aroclor 1242, PCB, Total, (ug/l)	NS	NS	NS	0	0	0
Aroclor 1248, PCB, Total, (ug/l)	NS	NS	NS	0	0	0

27th Avenue at south bank of Salt River	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Aroclor 1254, PCB, Total, (ug/l)	NS	NS	NS	0	0	0
Aroclor 1260, PCB, Total, (ug/L)	NS	NS	NS	0	0	0
Chlordane, Total, (ug/l)	NS	NS	NS	0	0	0
P,P' DDD, Total, (ug/l)	NS	NS	NS	0	0	0
P,P' DDE, Total, (ug/l)	NS	NS	NS	0	0	0
P, P' DDT, Total, (ug/l)	NS	NS	NS	0	0	0
Dieldrin, Total, (ug/l)	NS	NS	NS	0	0	0
Endo-Sulfan Alpha, Total, (ug/l)	NS	NS	NS	0	0	0
Endo-Sulfan Beta, Total, (ug/l)	NS	NS	NS	0	0	0
Endo-Sulfan Sulfate, Total, (ug/l)	NS	NS	NS	0	0	0
Endrin Aldehyde, Total, (ug/l)	NS	NS	NS	0	0	0
Endrin, Total, (ug/l)	NS	NS	NS	0	0	0
Heptachlor, Total, (ug/l)	NS	NS	NS	0	0	0
Heptachlor Epoxide, Total, (ug/l)	NS	NS	NS	0	0	0
Toxaphene, Total, (ug/l)	NS	NS	NS	0	0	0
Methoxychlor, Total, (ug/l)	NS	NS	NS	0	0	0
Beta Benzene Hexachloride, Total, (ug/l)	NS	NS	NS	0	0	0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	NS	NS	NS	0	0	0
1,1,1,2-Tetrachloroethane, Total, (ug/l)	NS	NS	NS	0	0	0
Tetrachloroethene, PCE, Total, (ug/l)	NS	NS	NS	0	0	0
1,1,1- Trichloroethane, Total, (ug/l)	NS	NS	NS	0	0	0
1,1,2- Trichloroethane, Total, (ug/l)	NS	NS	NS	0	0	0
Trichloroethene, Total, (ug/l)	NS	NS	NS	0	0	0
1,1- Dichloroethane, Total, (ug/l)	NS	NS	NS	0	0	0
1,1- Dichloroethene, Total, (ug/l)	NS	NS	NS	0	0	0
1,2- Dichloroethane, Total, (ug/l)	NS	NS	NS	0	0	0
1,2- Dichloropropane, Total, (ug/l)	NS	NS	NS	0	0	0
2- Chloroethylvinyl Ether, Total, (ug/l)	NS	NS	NS	0	0	0
cis-1,3-Dichloropropene, (ug/l)	NS	NS	NS	0	0	0
trans-1,2- Dichloroethene, (ug/l)	NS	NS	NS	0	0	0

27th Avenue at south bank of Salt River	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
trans-1,3- Dichloropropene, (ug/l)	NS	NS	NS	0	0	0
Benzene, Total, (ug/l)	NS	NS	NS	0	0	0
Bromodichloromethane, Total, (ug/l)	NS	NS	NS	0	0	0
Bromoform, Total, (ug/l)	NS	NS	NS	0	0	0
Carbon Tetrachloride, Total, (ug/l)	NS	NS	NS	0	0	0
Chlorobenzene, Total, (ug/l)	NS	NS	NS	0	0	0
Chloroethane, (ug/l)	NS	NS	NS	0	0	0
Chloroform, Total, (ug/l)	NS	NS	NS	0	0	0
Ethyl-Benzene, Total, (ug/l)	NS	NS	NS	0	0	0
Methylene Chloride, Total, (ug/l)	NS	NS	NS	0	0	0
Toluene, Total, (ug/l)	NS	NS	NS	0	0	0
Trichlorofluoromethane, Total, (ug/l)	NS	NS	NS	0	0	0
Vinyl Chloride, Total, (ug/l)	NS	NS	NS	0	0	0
Chlorodibromomethane, Total, (ug/l)	NS	NS	NS	0	0	0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	NS	NS	NS	0	0	0
Acetone, Total, (ug/l)	NS	NS	NS	0	0	0
2-Butanone, (ug/l)	NS	NS	NS	0	0	0
Carbon Disulfide, Total, (ug/l)	NS	NS	NS	0	0	0
1,2 Dichloroethene, Total, (ug/l)	NS	NS	NS	0	0	0
Xylenes, Total, (ug/l)	NS	NS	NS	0	0	0
2-Hexanone, Total, (ug/l)	NS	NS	NS	0	0	0
Styrene, Total, (ug/l)	NS	NS	NS	0	0	0
Acrolein, Total, (ug/l)	NS	NS	NS	0	0	0
Acrylonitrile, Total, (ug/l)	NS	NS	NS	0	0	0
Bromobenzene, Water Whole, Total, (ug/l)	NS	NS	NS	0	0	0
1,3-Dichloropropane, Water Whole, Total, (ug/l)	NS	NS	NS	0	0	0
Methyl Bromide, Total, (ug/l)	NS	NS	NS	0	0	0
Methyl Chloride, Total, (ug/l)	NS	NS	NS	0	0	0
Parachloro Toluene, Total, (ug/l)	NS	NS	NS	0	0	0
Dibromoethane, Total, (ug/l)	NS	NS	NS	0	0	0

27th Avenue at south bank of Salt River	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Acenaphthene, Total, (ug/l)	NS	NS	NS	0	0	0
Acenaphthylene, Total, (ug/l)	NS	NS	NS	0	0	0
Anthracene, Total, (ug/l)	NS	NS	NS	0	0	0
Benzidine, Total, (ug/l)	NS	NS	NS	0	0	0
Benzoic Acid, Total, (ug/l)	NS	NS	NS	0	0	0
Benzo (a) Anthracene, Total, (ug/l)	NS	NS	NS	0	0	0
Benzo (b) Fluoranthene, Total, (ug/l)	NS	NS	NS	0	0	0
Benzo (k) Fluoranthene, Total, (ug/l)	NS	NS	NS	0	0	0
Benzo (ghi) Perylene, Total, (ug/l)	NS	NS	NS	0	0	0
Benzo (a) Pyrene, Total, (ug/l)	NS	NS	NS	0	0	0
Benzyl Alcohol, Total, (ug/l)	NS	NS	NS	0	0	0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NS	NS	NS	0	0	0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	NS	NS	NS	0	0	0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	NS	NS	NS	0	0	0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	NS	NS	NS	0	0	0
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NS	NS	NS	0	0	0
Butyl Benzyl Phthalate, Total, (ug/l)	NS	NS	NS	0	0	0
2-Chloronaphthalene, Total, (ug/l)	NS	NS	NS	0	0	0
2-Chlorophenol, Total, (ug/l)	NS	NS	NS	0	0	0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NS	NS	NS	0	0	0
Chrysene, Total, (ug/l)	NS	NS	NS	0	0	0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	NS	NS	NS	0	0	0
Di-N-Butyl Phthalate, Total, (ug/l)	NS	NS	NS	0	0	0
1,3- Dichlorobenzene, Total, (ug/l)	NS	NS	NS	0	0	0
1,4- Dichlorobenzene, Total, (ug/l)	NS	NS	NS	0	0	0
1,2- Dichlorobenzene, Total, (ug/l)	NS	NS	NS	0	0	0
3,3'- Dichlorobenzidine, Total, (ug/l)	NS	NS	NS	0	0	0
2,4- Dichlorophenol, Total, (ug/l)	NS	NS	NS	0	0	0
Diethyl Phthalate, Total, (ug/l)	NS	NS	NS	0	0	0
2,4- Dimethylphenol, Total, (ug/l)	NS	NS	NS	0	0	0

27th Avenue at south bank of Salt River	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Dimethyl Phthalate, Total, (ug/l)	NS	NS	NS	0	0	0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	NS	NS	NS	0	0	0
2,4- Dinitrophenol, Total, (ug/l)	NS	NS	NS	0	0	0
2,4- Dinitrotoluene, Total, (ug/l)	NS	NS	NS	0	0	0
2,6- Dinitrotoluene, Total, (ug/l)	NS	NS	NS	0	0	0
Di-N-Octyl-Phthalate, Total, (ug/l)	NS	NS	NS	0	0	0
Fluoranthene, Total, (ug/l)	NS	NS	NS	0	0	0
Fluorene, Total, (ug/l)	NS	NS	NS	0	0	0
Hexachlorobenzene, Total, (ug/l)	NS	NS	NS	0	0	0
Hexachlorobutadiene, Total, (ug/l)	NS	NS	NS	0	0	0
Hexachlorocyclopentadiene, Total, (ug/l)	NS	NS	NS	0	0	0
Hexachloroethane, Total, (ug/l)	NS	NS	NS	0	0	0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	NS	NS	NS	0	0	0
Isophorone, Total, (ug/l)	NS	NS	NS	0	0	0
Naphthalene, Total, (ug/l)	NS	NS	NS	0	0	0
Nitrobenzene, Total, (ug/l)	NS	NS	NS	0	0	0
2-Nitrophenol, Total, (ug/l)	NS	NS	NS	0	0	0
4-Nitrophenol, Total, (ug/l)	NS	NS	NS	0	0	0
N-Nitrosodiphenylamine, Total, (ug/l)	NS	NS	NS	0	0	0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	NS	NS	NS	0	0	0
Pentachlorophenol, Total, (ug/l)	NS	NS	NS	0	0	0
Phenanthrene, Total, (ug/l)	NS	NS	NS	0	0	0
Phenol, Total, (ug/l)	NS	NS	NS	0	0	0
Pyrene, Total, (ug/l)	NS	NS	NS	0	0	0
1,2,4-Trichlorobenzene, Total, (ug/l)	NS	NS	NS	0	0	0
2,4,5- Trichlorophenol, Total, (ug/l)	NS	NS	NS	0	0	0
2,4,6- Trichlorophenol, Total, (ug/l)	NS	NS	NS	0	0	0
N-Nitrosodimethylamine, Total, (ug/l)	NS	NS	NS	0	0	0
1,2- Diphenylhydrazine, Total, (ug/l)	NS	NS	NS	0	0	0
Dichlorodifluoromethane, Total, (ug/l)	NS	NS	NS	0	0	0

27th Avenue at south bank of Salt River	Average Event Mean Concentration (all 1998 data)	Average Event Mean Concentration (Summer)	Average Event Mean Concentration (Winter)	Pollutant Loading all 1998 (pounds)	Summer Pollutant Loading 1998 (pounds)	Winter Pollutant Loading 1998 (pounds)
Parachloro-Meta-Cresol, Total, (ug/l)	NS	NS	NS	0	0	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)		
Date of Sampling							08/03/1997	09/03/1997
Representative Storm Event							N	N
Agency Collecting Sample							FCD	FCD
Agency Analyzing Sample							BOLIN	BOLIN
Drainage Area (acres) (DA)							1363	1363
Impervious Area (acres) (IA)							--	--
Land Use - Residential							286	286
Land Use - Commercial							95	95
Land Use - Industrial							586	586
Land Use - Undeveloped							395	395
Sampling Duration (minutes)							83	307
Storm Duration (minutes) (DRN)							111	258
Runoff Sampled (cubic feet) (RUN)							96,800	33,400
Total Storm Runoff (cubic feet)							245,000	36,000
Instantaneous Discharge (cfs)							37.0	7.6
Preceding Dry Period (days) (ANT)							158	31
Total Storm Rainfall (inch)							0.34	0.10
Rainfall Sampled (inch) (TRN)							0.33	0.10
Maximum 5-minute rain intensity (MAX5)							1.08	0.6
Sample Temperature (deg. C)							4	4
Effluent Temperature (deg. C)							28.9	NM
Ambient Temperature (deg. C)							NM	NM
Barometric Pressure (mm Hg)							NM	NM
pH, Effluent (standard units)							7.7	NM
pH, Lab (standard units)							7.2	7.3
Specific Conductance, FIELD (us/cm)							--	--
Specific Conductance, LAB (us/cm)							--	--

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)		
Date of Sampling							08/03/1997	09/03/1997
Oxygen Dissolved (% saturation)							--	--
Oxygen Dissolved (mg/l)							3.03	3.9
Electrical Conductivity (umhos/cm)							382	--
BOD5 (mg/l)							208	25
COD High Level (mg/l)							950	174
Chloride (mg/l as Cl)							52	173
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T	9.7 T	NNS	200 T	<0.01	<0.01
Fecal Coliform (CFU/100mL)							>160000	--
Fecal Streptococci (CFU/100mL)							160,000	--
Solids Residue at 180 Deg. C (TDS) (mg/l)							304	480
Residue, Total at 105 Deg. C (TSS) (mg/l)							934	22
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	2.4	1.1
TKN Nitrogen (mg/l as N)							7.37	4.18
Nitrogen, Ammonia + Organic, Total (mg/l as N)							7.37	4.18
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	2.3	0.9
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.1	0.2
Nitrogen Ammonia Total (mg/l as N)							3.39	0.77
Nitrogen Organic Total (mg/l as N)							3.98	3.41
Phosphorous Total (mg/l as P)							3.0	1.5
Phosphorous Dissolved (mg/l as P)							0.83	0.18
Phosphorous Ortho (mg/l as P)							--	0.23
Sulfate Dissolved (mg/l)							36	61
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	11 D	NNS	NNS	<0.010	<0.010
Phenols Total Recoverable (ug/l)	6500000	84000	54	6.3	NNS	NNS	7.8	--
Oil and Grease Total Recoverable (mg/l)							31	<1.0
Organic Carbon, Total (mg/l)							88	24

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)		
Date of Sampling							08/03/1997	09/03/1997
Bicarbonate Whole Field (mg/l as HCO ₃)							--	--
Bicarbonate Dissolved, Field (mg/l as HCO ₃)							--	--
Carbonate Water Field (mg/l as Co ₃)							--	--
Carbonate Water Dissolved, Field, (mg/l as Co ₃)							--	--
Alkalinity Water Field Total (mg/l as CaCo ₃)							--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo ₃)							--	--
Alkalinity LAB (mg/l as CaCo ₃)							49	98
Silica Dissolved (mg/l as SiO ₂)							--	--
Hardness (mg/l)							109	164
Antimony (ug/l as Sb)	140	56			NNS	NNS	<5	<5
Antimony Dissolved (ug/l as Sb)			1000	600	NNS	NNS	<4	<4
Arsenic Total (ug/l as As)	3.1	2800				2000	200	5
Arsenic Dissolved (ug/l as As)			360	190				6
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	15
Cadmium Dissolved (ug/l as Cd)			d	d				<0.2
Calcium Dissolved (mg/l as Ca)							--	--
Chromium Total Recoverable (ug/l as Cr)						1000	1000	29
Chromium Dissolved (ug/l as Cr)								4.6
Cobalt Dissolved (ug/l as Co)								--
Copper, Total Recoverable, (ug/l as Cu)	NNS					5000	500	123
Copper, Dissolved, (ug/l as Cu)	NNS	5200	f	f				19
Iron, Dissolved, (ug/l as Fe)								--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS				10000	100	63

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)		
Date of Sampling							08/03/1997	09/03/1997
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	gc	gc			3.2	1.3
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	35	11
Nickel, Dissolved, (ug/l as Ni)			h	h	NNS	NNS	27	<10
Potassium, Dissolved, (mg/l as K)							--	--
Selenium, Total, (ug/l as Se)	9000	420	50	2	20	50	<5	<5
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	462	187
Zinc, Dissolved, (ug/l as Zn)		28000	k	k			172	90
Diazinon, Total, (ug/l)							--	--
Ethion, Total, (ug/l)							--	--
Malathion, Total, (ug/l)							--	--
Methyl Parathion, Total, (ug/l)							--	--
Parathion, 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)		
Date of Sampling							08/03/1997	09/03/1997
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	<0.5
BHC - ALPHA, (ug/l)	0.03	NNS	1600	130	NNS	NNS	<0.5	<0.5
BHC - Gamma (Lindane), (ug/l)	0.02	2500	7.6	0.61	NNS	NNS	<0.5	<0.5
BHC - DELTA, (ug/l)	NNS	NNS	1600	130	NNS	NNS	<0.5	<0.5
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<0.5	<0.5
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<0.5	<0.5
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<0.5	<0.5
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<0.5	<0.5
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<0.5	<0.5
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<0.5	<0.5
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.01	0.001	0.001	<0.5	<0.5
Chlordane, Total, (ug/l)	0.001	110	2.1	0.21	NNS	NNS	<0.5	<0.5
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	NNS	NNS	<0.5	<0.5
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.02	NNS	NNS	<0.5	<0.5
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.001	NNS	NNS	<0.5	<0.5
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.005	L	L	<0.5	<0.5
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	<0.5	<0.5
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	<0.5	<0.5
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.06	NNS	NNS	<0.5	<0.5
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	NNS	NNS	<0.5	<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)		
Date of Sampling							08/03/1997	09/03/1997
Endrin, Total, (ug/l)	1.1	40	0.2	0.08	0.004	0.004	<0.1	<0.1
Heptachlor, Total, (ug/l)	0.002	20	0.58	0.013	NNS	NNS	<0.5	<0.5
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.58	0.013	NNS	NNS	<0.5	<0.5
Toxaphene, Total, (ug/l)	0.008	1000	0.73	0.02	0.005	0.005	<0.5	<0.5
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<0.5	<0.5
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	130	NNS	NNS	<0.5	<0.5
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700	3200	NNS	NNS	<40	<40
1,1,1,2-Tetrachloroethane, Total, (ug/l)							--	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	680	NNS	NNS	<40	<40
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	20000	1300	NNS	NNS	<40	<40
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	12000	NNS	NNS	<40	<40
Trichloroethene, Total, (ug/l)	78	NNS	20000	1300	NNS	NNS	<40	<40
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	<40	<40
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	15000	950	NNS	NNS	<40	<40
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	41000	NNS	NNS	<40	<40
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9200	NNS	NNS	<40	<40
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	9800	NNS	NNS	<40	<40
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	1100	NNS	NNS	<40	<40
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000	3900	NNS	NNS	<40	<40
trans-1,3- Dichloropropene, (ug/l)							<40	<40
Benzene, Total, (ug/l)	120	470	11000	700	NNS	NNS	<40	<40
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	NNS	NNS	NNS	<40	<40
Bromoform, Total, (ug/l)	80	2800	15000	10000	NNS	NNS	<40	<40
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	1100	NNS	NNS	<40	<40
Chlorobenzene, Total, (ug/l)	500	2800	NNS	NNS	NNS	NNS	<40	<40
Chloroethane, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<100	<100

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)		
Date of Sampling							08/03/1997	09/03/1997
Chloroform, Total, (ug/l)	590	1400	14000	900	NNS	NNS	<40	<40
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	1400	NNS	NNS	<40	<40
Methylene Chloride, Total, (ug/l)	480	27000	97000	5500	NNS	NNS	--	--
Toluene, Total, (ug/l)	90000	42000	8700	180	NNS	NNS	<40	<40
Trichlorofluoromethane, Total, (ug/l)							<40	<40
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	<100	<100
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS	NNS	NNS	NNS	<40	<40
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--	--
Acetone, Total, (ug/l)							<200	<200
2-Butanone, (ug/l)							--	--
Carbon Disulfide, Total, (ug/l)							--	--
1,2 Dichloroethene, Total, (ug/l)							<40	<40
Xylenes, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<40	<40
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	--	--
Acrylonitrile, 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	--	--
Parachloro Toluene, Total, (ug/l)							--	--
Dibromoethane, Total, (ug/l)							--	--
Acenaphthene, Total, (ug/l)	2600	8400	850	550	NNS	NNS	<3.0	<3.0
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	<3.0	<3.0
Anthracene, Total, (ug/l)	6300	NNS	NNS	NNS	NNS	NNS	<3.0	<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)		
Date of Sampling							08/03/1997	09/03/1997
Benzidine, Total, (ug/l)	0.0007	420	1300	89	NNS	NNS	<50	<50
Benzoic Acid, Total, (ug/l)							<3.0	<3.0
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS	NNS	NNS	NNS	<3.0	<3.0
Benzo (b) Fluoranthene, Total, (ug/l)							<5.0	<5.0
Benzo (k) Fluoranthene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	<5.0	<5.0
Benzo (ghi) Perylene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	<3.0	<3.0
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	<3.0	<3.0
Benzyl Alcohol, Total, (ug/l)							<3.0	<3.0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<3.0	<3.0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	6700	NNS	NNS	<3.0	<3.0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	NNS	NNS	NNS	<3.0	<3.0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	360	NNS	NNS	68	15
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	14	NNS	NNS	<3.0	<3.0
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	130	NNS	NNS	<5.0	<5.0
2-Chloronapthalene, Total, (ug/l)	13000	11000	NNS	NNS	NNS	NNS	<3.0	<3.0
2-Chlorophenol, Total, (ug/l)	2100	700	2200	150	NNS	NNS	<3.0	<3.0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<3.0	<3.0
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	<3.0	<3.0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	NNS	NNS	NNS	<5.0	<5.0
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	35	NNS	NNS	<3.0	<3.0
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	970	NNS	NNS	<3.0	<3.0
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	780	NNS	NNS	<3.0	<3.0
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	470	NNS	NNS	<3.0	<3.0
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	NNS	NNS	NNS	<5.0	<5.0
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	88	NNS	NNS	<3.0	<3.0
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	1600	NNS	NNS	<3.0	<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)		
Date of Sampling							08/03/1997	09/03/1997
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1100	310	NNS	NNS	<5.0	<5.0
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	1000	NNS	NNS	<3.0	<3.0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	24	NNS	NNS	<5.0	<5.0
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	9.2	NNS	NNS	<10	<10
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	970	NNS	NNS	<5.0	<5.0
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<5.0	<5.0
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	6.0	<5.0
Fluoranthene, Total, (ug/l)	130	5600	2000	1600	NNS	NNS	<3.0	<3.0
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	<3.0	<3.0
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	NNS	NNS	NNS	<3.0	<3.0
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	8.2	NNS	NNS	<3.0	<3.0
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	0.3	NNS	NNS	<10	<10
Hexachloroethane, Total, (ug/l)	4.8	140	490	350	NNS	NNS	<3.0	<3.0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	NNS	NNS	NNS	<5.0	<5.0
Isophorone, Total, (ug/l)	520	28000	59000	43000	NNS	NNS	<3.0	<3.0
Naphthalene, Total, (ug/l)	NNS	560	3300	600	NNS	NNS	<3.0	<3.0
Nitrobenzene, Total, (ug/l)	600	70	13000	850	NNS	NNS	<3.0	<3.0
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<5.0	<5.0
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	3000	NNS	NNS	<5.0	<5.0
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	200	NNS	NNS	<3.0	<3.0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	NNS	NNS	NNS	<3.0	<3.0
Pentachlorophenol, Total, (ug/l)	29000	2000	I	I	NNS	NNS	11	6.8
Phenanthrene, Total, (ug/l)	0.0005	NNS	54	6.3	NNS	NNS	<3.0	<3.0
Phenol, Total, (ug/l)							<3.0	<3.0
Pyrene, Total, (ug/l)	1100	4200	NNS	NNS	NNS	NNS	<3.0	<3.0
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	NNS	NNS	NNS	NNS	<3.0	<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)		
Date of Sampling							08/03/1997	09/03/1997
2,4,5- Trichlorophenol, Total, (ug/l)							<3.0	<3.0
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	25	NNS	NNS	<3.0	<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-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)		
Date of Sampling							12/07/1997	12/21/1997
Representative Storm Event							N	Y
Agency Collecting Sample							FCD	FCD
Agency Analyzing Sample							BOLIN	BOLIN
Drainage Area (acres) (DA)							1363	1363
Impervious Area (acres) (IA)							--	--
Land Use - Residential							286	286
Land Use - Commercial							95	95
Land Use - Industrial							586	586
Land Use - Undeveloped							395	395
Sampling Duration (minutes)							479	451
Storm Duration (minutes) (DRN)							282	417
Runoff Sampled (cubic feet) (RUN)							99,000	53,500
Total Storm Runoff (cubic feet)							116,000	60,000
Instantaneous Discharge (cfs)							13.3	7.8
Preceding Dry Period (days) (ANT)							5	14
Total Storm Rainfall (inch)							0.21	0.46
Rainfall Sampled (inch) (TRN)							0.21	0.21
Maximum 5-minute rain intensity (MAX5)							0.72	1.2
Sample Temperature (deg. C)							4	4
Effluent Temperature (deg. C)							NM	NM
Ambient Temperature (deg. C)							NM	NM
Barometric Pressure (mm Hg)							NM	NM
pH, Effluent (standard units)							NM	NM
pH, Lab (standard units)							6.9	7.2
Specific Conductance, FIELD (us/cm)							--	--
Specific Conductance, LAB (us/cm)							--	--

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)		
Date of Sampling							12/07/1997	12/21/1997
Oxygen Dissolved (% saturation)							--	--
Oxygen Dissolved (mg/l)							8.47	7.4
Electrical Conductivity (umhos/cm)							357	400
BOD5 (mg/l)							7	13
COD High Level (mg/l)							217	700
Chloride (mg/l as Cl)							29	35
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T	9.7 T	NNS	200 T	<0.01	0.03
Fecal Coliform (CFU/100mL)							160,000	1,600
Fecal Streptococci (CFU/100mL)							>1600	9,000
Solids Residue at 180 Deg. C (TDS) (mg/l)							272	227
Residue, Total at 105 Deg. C (TSS) (mg/l)							216	1360
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.9	1
TKN Nitrogen (mg/l as N)							4.35	4.47
Nitrogen, Ammonia + Organic, Total (mg/l as N)							4.35	4.47
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.7	1
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	<0.1	0.1
Nitrogen Ammonia Total (mg/l as N)							1.85	1.54
Nitrogen Organic Total (mg/l as N)							2.5	2.93
Phosphorous Total (mg/l as P)							2.2	0.9
Phosphorous Dissolved (mg/l as P)							0.33	0.52
Phosphorous Ortho (mg/l as P)							0.45	0.31
Sulfate Dissolved (mg/l)							35	31
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	11 D	NNS	NNS	<0.010	<0.010
Phenols Total Recoverable (ug/l)	6500000	84000	54	6.3	NNS	NNS	65	550
Oil and Grease Total Recoverable (mg/l)							<10.0	<10.0
Organic Carbon, Total (mg/l)							32	31

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)				
Date of Sampling							12/07/1997	12/21/1997		
Bicarbonate Whole Field (mg/l as HCO ₃)							--	--		
Bicarbonate Dissolved, Field (mg/l as HCO ₃)							--	--		
Carbonate Water Field (mg/l as Co ₃)							--	--		
Carbonate Water Dissolved, Field, (mg/l as Co ₃)							--	--		
Alkalinity Water Field Total (mg/l as CaCo ₃)							--	--		
Alkalinity Dissolved Water Field Total (mg/l as CaCo ₃)							--	--		
Alkalinity LAB (mg/l as CaCo ₃)							96	148		
Silica Dissolved (mg/l as SiO ₂)							--	--		
Hardness (mg/l)							131	172		
Antimony (ug/l as Sb)	140	56			NNS	NNS	<5	<5		
Antimony Dissolved (ug/l as Sb)			1000	600	NNS	NNS	<4	<4		
Arsenic Total (ug/l as As)	3.1	2800				2000	200	6	8	
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	<1	1.8	
Cadmium Dissolved (ug/l as Cd)			d	d				<1	0.78	
Calcium Dissolved (mg/l as Ca)								--	--	
Chromium Total Recoverable (ug/l as Cr)						1000	1000	15	26	
Chromium Dissolved (ug/l as Cr)								2.2	6.1	
Cobalt Dissolved (ug/l as Co)								--	--	
Copper, Total Recoverable, (ug/l as Cu)	NNS					5000	500	41	63	
Copper, Dissolved, (ug/l as Cu)	NNS	5200	f	f				18	22	
Iron, Dissolved, (ug/l as Fe)								--	--	
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS				10000	100	40	70	

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)		
Date of Sampling							12/07/1997	12/21/1997
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	gg	gg			<5	20
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			0.8	<0.2
Molybdenum, Dissolved, (ug/l as Mo)							--	--
Nickel, Total Recoverable, (ug/l as Ni)	400	2800			NNS	NNS	<10	26
Nickel, Dissolved, (ug/l as Ni)			h	h	NNS	NNS	<10	9.7
Potassium, Dissolved, (mg/l as K)							--	--
Selenium, Total, (ug/l as Se)	9000	420	50	2	20	50	<5	<5
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	250	490
Zinc, Dissolved, (ug/l as Zn)		28000	k	k			170	<20
Diazinon, Total, (ug/l)							--	--
Ethion, Total, (ug/l)							--	--
Malathion, Total, (ug/l)							--	--
Methyl Parathion, Total, (ug/l)							--	--
Parathion, 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)		
Date of Sampling							12/07/1997	12/21/1997
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	<1.0
BHC - ALPHA, (ug/l)	0.03	NNS	1600	130	NNS	NNS	<0.5	<1.0
BHC - Gamma (Lindane), (ug/l)	0.02	2500	7.6	0.61	NNS	NNS	<0.5	<1.0
BHC - DELTA, (ug/l)	NNS	NNS	1600	130	NNS	NNS	<0.5	<1.0
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<0.5	<1.0
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<0.5	<10
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<0.5	<1.0
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<0.5	<1.0
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<0.5	<1.0
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<0.5	<1.0
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.01	0.001	0.001	<0.5	<1.0
Chlordane, Total, (ug/l)	0.001	110	2.1	0.21	NNS	NNS	<0.5	<1.0
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	NNS	NNS	<0.5	<1.0
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.02	NNS	NNS	<0.5	<1.0
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.001	NNS	NNS	<0.5	<1.0
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.005	L	L	<0.5	<1.0
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	<0.5	<1.0
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	<0.5	<1.0
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.06	NNS	NNS	<0.5	<1.0
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	NNS	NNS	<0.5	<1.0

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)		
Date of Sampling							12/07/1997	12/21/1997
Endrin, Total, (ug/l)	1.1	40	0.2	0.08	0.004	0.004	<0.1	<1.0
Heptachlor, Total, (ug/l)	0.002	20	0.58	0.013	NNS	NNS	<0.5	<1.0
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.58	0.013	NNS	NNS	<0.5	<1.0
Toxaphene, Total, (ug/l)	0.008	1000	0.73	0.02	0.005	0.005	<0.5	<1.0
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	<1.0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700	3200	NNS	NNS	<20	<8
1,1,1,2-Tetrachloroethane, Total,(ug/l)							--	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	680	NNS	NNS	<20	<20
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	20000	1300	NNS	NNS	<20	<20
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	12000	NNS	NNS	<20	<20
Trichloroethene, Total, (ug/l)	78	NNS	20000	1300	NNS	NNS	<20	<20
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	<20	<20
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	15000	950	NNS	NNS	<20	<20
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	41000	NNS	NNS	<20	<20
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9200	NNS	NNS	<20	<20
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	9800	NNS	NNS	<20	<20
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	1100	NNS	NNS	<20	<20
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000	3900	NNS	NNS	<20	<20
trans-1,3- Dichloropropene, (ug/l)							<20	<20
Benzene, Total, (ug/l)	120	470	11000	700	NNS	NNS	<20	<20
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	NNS	NNS	NNS	<20	<20
Bromoform, Total, (ug/l)	80	2800	15000	10000	NNS	NNS	<20	<20
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	1100	NNS	NNS	<20	<20
Chlorobenzene, Total, (ug/l)	500	2800	NNS	NNS	NNS	NNS	<20	<20
Chloroethane, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<50	<50

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)		
Date of Sampling							12/07/1997	12/21/1997
Chloroform, Total, (ug/l)	590	1400	14000	900	NNS	NNS	<20	<20
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	1400	NNS	NNS	<20	<20
Methylene Chloride, Total, (ug/l)	480	27000	97000	5500	NNS	NNS	--	--
Toluene, Total, (ug/l)	90000	42000	8700	180	NNS	NNS	<20	<20
Trichlorofluoromethane, Total, (ug/l)							<20	<20
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	<50	<50
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS	NNS	NNS	NNS	<20	<20
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--	--
Acetone, Total, (ug/l)							<250	<250
2-Butanone, (ug/l)							<100	<100
Carbon Disulfide, Total, (ug/l)							<100	<100
1,2 Dichloroethene, Total, (ug/l)							<20	<20
Xylenes, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<20	<20
2-Hexanone, Total, (ug/l)							<100	<100
Styrene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<20	<20
Acrolein, Total, (ug/l)	750	1300	34	30	NNS	NNS	<500	<500
Acrylonitrile, Total, (ug/l)							<100	<100
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	<50	<50
Methyl Chloride, Total, (ug/l)	1800	2800	270000	15000	NNS	NNS	<50	<50
Parachloro Toluene, Total, (ug/l)							--	--
Dibromoethane, Total, (ug/l)							--	--
Acenaphthene, Total, (ug/l)	2600	8400	850	550	NNS	NNS	<3.0	<3.0
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	<3.0	<3.0
Anthracene, Total, (ug/l)	6300	NNS	NNS	NNS	NNS	NNS	<3.0	<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)		
Date of Sampling							12/07/1997	12/21/1997
Benzidine, Total, (ug/l)	0.0007	420	1300	89	NNS	NNS	<50	<50
Benzoic Acid, Total, (ug/l)							<3.0	<3.0
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS	NNS	NNS	NNS	<3.0	<3.0
Benzo (b) Fluoranthene, Total, (ug/l)							<5.0	<5.0
Benzo (k) Fluoranthene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	<5.0	<5.0
Benzo (ghi) Perylene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	<3.0	<3.0
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	<3.0	<3.0
BenzyI Alcohol, Total, (ug/l)							<3.0	<3.0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<3.0	<3.0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	6700	NNS	NNS	<3.0	<3.0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	NNS	NNS	NNS	<3.0	<3.0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	360	NNS	NNS	32	42
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	14	NNS	NNS	<3.0	<3.0
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	130	NNS	NNS	<5.0	<5.0
2-Chloronaphthalene, Total, (ug/l)	13000	11000	NNS	NNS	NNS	NNS	<3.0	<3.0
2-Chlorophenol, Total, (ug/l)	2100	700	2200	150	NNS	NNS	<3.0	<3.0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<3.0	<3.0
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	<3.0	<3.0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	NNS	NNS	NNS	<5.0	<5.0
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	35	NNS	NNS	<3.0	<3.0
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	970	NNS	NNS	<3.0	<3.0
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	780	NNS	NNS	<3.0	<3.0
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	470	NNS	NNS	<3.0	<3.0
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	NNS	NNS	NNS	<5.0	<5.0
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	88	NNS	NNS	<3.0	<3.0
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	1600	NNS	NNS	<3.0	<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)		
Date of Sampling							12/07/1997	12/21/1997
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1100	310	NNS	NNS	<5.0	<5.0
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	1000	NNS	NNS	<3.0	<3.0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	24	NNS	NNS	<5.0	<5.0
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	9.2	NNS	NNS	<10	<10
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	970	NNS	NNS	<5.0	<5.0
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<5.0	<5.0
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	6.8	8.4
Fluoranthene, Total, (ug/l)	130	5600	2000	1600	NNS	NNS	<3.0	<3.0
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	<3.0	<3.0
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	NNS	NNS	NNS	<3.0	<3.0
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	8.2	NNS	NNS	<3.0	<3.0
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	0.3	NNS	NNS	<10	<10
Hexachloroethane, Total, (ug/l)	4.8	140	490	350	NNS	NNS	<3.0	<3.0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	NNS	NNS	NNS	<5.0	<5.0
Isophorone, Total, (ug/l)	520	28000	59000	43000	NNS	NNS	<3.0	<3.0
Naphthalene, Total, (ug/l)	NNS	560	3300	600	NNS	NNS	<3.0	<3.0
Nitrobenzene, Total, (ug/l)	600	70	13000	850	NNS	NNS	<3.0	<3.0
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<5.0	<5.0
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	3000	NNS	NNS	<5.0	<5.0
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	200	NNS	NNS	<3.0	<3.0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	NNS	NNS	NNS	<3.0	<3.0
Pentachlorophenol, Total, (ug/l)	29000	2000	I	I	NNS	NNS	<5.0	<5.0
Phenanthrene, Total, (ug/l)	0.0005	NNS	54	6.3	NNS	NNS	<3.0	<3.0
Phenol, Total, (ug/l)							<3.0	<3.0
Pyrene, Total, (ug/l)	1100	4200	NNS	NNS	NNS	NNS	<3.0	<3.0
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	NNS	NNS	NNS	NNS	<3.0	<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)		
Date of Sampling								12/07/1997	12/21/1997
2,4,5- Trichlorophenol, Total, (ug/l)								<3.0	<3.0
2,4,6- Trichlorophenol, Total, (ug/l)		4.9	NNS	160	25	NNS	NNS	<3.0	<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-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)		
Date of Sampling							02/04/1998	02/15/1998
Representative Storm Event							Y	N
Agency Collecting Sample							FCD	FCD
Agency Analyzing Sample							BOLIN	BOLIN
Drainage Area (acres) (DA)							1363	1363
Impervious Area (acres) (IA)							--	--
Land Use - Residential							286	286
Land Use - Commercial							95	95
Land Use - Industrial							586	586
Land Use - Undeveloped							395	395
Sampling Duration (minutes)							483	230
Storm Duration (minutes) (DRN)							460	267
Runoff Sampled (cubic feet) (RUN)							133,800	72,500
Total Storm Runoff (cubic feet)							185,000	485,000
Instantaneous Discharge (cfs)							25.9	65.0
Preceding Dry Period (days) (ANT)							25	5
Total Storm Rainfall (inch)							0.56	0.80
Rainfall Sampled (inch) (TRN)							0.56	0.59
Maximum 5-minute rain intensity (MAX5)							1.2	1.32
Sample Temperature (deg. C)							4	4
Effluent Temperature (deg. C)							10.4	45.3F
Ambient Temperature (deg. C)							NM	NM
Barometric Pressure (mm Hg)							NM	NM
pH, Effluent (standard units)							8.3	NM
pH, Lab (standard units)							8.3	7.5
Specific Conductance, FIELD (us/cm)							--	--
Specific Conductance, LAB (us/cm)							--	--

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)		
Date of Sampling							02/04/1998	02/15/1998
Oxygen Dissolved (% saturation)							--	--
Oxygen Dissolved (mg/l)							6.7	9.5
Electrical Conductivity (umhos/cm)							682	337
BOD5 (mg/l)							73	22
COD High Level (mg/l)							174	78
Chloride (mg/l as Cl)							69	31
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T	9.7 T	NNS	200 T	<0.01	<0.01
Fecal Coliform (CFU/100mL)							>160,000	30,000
Fecal Streptococci (CFU/100mL)							90,000	30,000
Solids Residue at 180 Deg. C (TDS) (mg/l)							444	220
Residue, Total at 105 Deg. C (TSS) (mg/l)							132	530
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.44	0.8
TKN Nitrogen (mg/l as N)							1.4	0.55
Nitrogen, Ammonia + Organic, Total (mg/l as N)							3	0.59
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.44	0.64
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	<0.1	0.16
Nitrogen Ammonia Total (mg/l as N)							3	0.59
Nitrogen Organic Total (mg/l as N)							<0.01	<0.5
Phosphorous Total (mg/l as P)							1.0	0.6
Phosphorous Dissolved (mg/l as P)							0.84	0.33
Phosphorous Ortho (mg/l as P)							0.72	0.28
Sulfate Dissolved (mg/l)							60	35
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	11 D	NNS	NNS	<0.010	0.05
Phenols Total Recoverable (ug/l)	6500000	84000	54	6.3	NNS	NNS	54	66
Oil and Grease Total Recoverable (mg/l)							<10.0	<10.0
Organic Carbon, Total (mg/l)							27	34

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)		
Date of Sampling							02/04/1998	02/15/1998
Bicarbonate Whole Field (mg/l as HCO ₃)							--	--
Bicarbonate Dissolved, Field (mg/l as HCO ₃)							--	--
Carbonate Water Field (mg/l as Co ₃)							--	--
Carbonate Water Dissolved, Field, (mg/l as Co ₃)							--	--
Alkalinity Water Field Total (mg/l as CaCo ₃)							--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo ₃)							--	--
Alkalinity LAB (mg/l as CaCo ₃)							158	84
Silica Dissolved (mg/l as SiO ₂)							--	--
Hardness (mg/l)							230	155
Antimony (ug/l as Sb)	140	56			NNS	NNS	<5	6
Antimony Dissolved (ug/l as Sb)			1000	600	NNS	NNS	<4	<4
Arsenic Total (ug/l as As)	3.1	2800			2000	200	<5	7
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	1.3	1.8
Cadmium Dissolved (ug/l as Cd)			d	d			2.5	<0.2
Calcium Dissolved (mg/l as Ca)							--	--
Chromium Total Recoverable (ug/l as Cr)					1000	1000	14	22
Chromium Dissolved (ug/l as Cr)							2.2	<1
Cobalt Dissolved (ug/l as Co)							--	--
Copper, Total Recoverable, (ug/l as Cu)	NNS				5000	500	59	86
Copper, Dissolved, (ug/l as Cu)	NNS	5200	f	f			10	5
Iron, Dissolved, (ug/l as Fe)							--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS			10000	100	38	66

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)		
Date of Sampling							02/04/1998	02/15/1998
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	g	g			<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	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)			2.6	0.2			0.6	0.5
Molybdenum, Dissolved, (ug/l as Mo)							--	--
Nickel, Total Recoverable, (ug/l as Ni)	400	2800			NNS	NNS	14	23
Nickel, Dissolved, (ug/l as Ni)			h	h	NNS	NNS	11	<2
Potassium, Dissolved, (mg/l as K)							--	--
Selenium, Total, (ug/l as Se)	9000	420	50	2	20	50	<5	<5
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	310	380
Zinc, Dissolved, (ug/l as Zn)		28000	k	k			180	30
Diazinon, Total, (ug/l)							--	--
Ethion, Total, (ug/l)							--	--
Malathion, Total, (ug/l)							--	--
Methyl Parathion, Total, (ug/l)							--	--
Parathion, 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)		
Date of Sampling							02/04/1998	02/15/1998
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	--	<1.0
BHC - ALPHA, (ug/l)	0.03	NNS	1600	130	NNS	NNS	--	<1.0
BHC - Gamma (Lindane), (ug/l)	0.02	2500	7.6	0.61	NNS	NNS	--	<1.0
BHC - DELTA, (ug/l)	NNS	NNS	1600	130	NNS	NNS	--	<1.0
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	<1.0
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	<1.0
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	<1.0
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	<1.0
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	<1.0
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	--	<1.0
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.01	0.001	0.001	--	<1.0
Chlordane, Total, (ug/l)	0.001	110	2.1	0.21	NNS	NNS	--	<1.0
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	NNS	NNS	--	<1.0
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.02	NNS	NNS	--	<1.0
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.001	NNS	NNS	--	<1.0
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.005	L	L	--	<1.0
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	--	<1.0
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	--	<1.0
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.06	NNS	NNS	--	<1.0
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	NNS	NNS	--	<1.0

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)		
Date of Sampling							02/04/1998	02/15/1998
Endrin, Total, (ug/l)	1.1	40	0.2	0.08	0.004	0.004	--	<1.0
Heptachlor, Total, (ug/l)	0.002	20	0.58	0.013	NNS	NNS	--	<1.0
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.58	0.013	NNS	NNS	--	<1.0
Toxaphene, Total, (ug/l)	0.008	1000	0.73	0.02	0.005	0.005	--	<1.0
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	130	NNS	NNS	--	<1.0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700	3200	NNS	NNS	<40	<40
1,1,1,2-Tetrachloroethane, Total, (ug/l)							--	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	680	NNS	NNS	<40	<40
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	20000	1300	NNS	NNS	<40	<40
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	12000	NNS	NNS	<40	<40
Trichloroethene, Total, (ug/l)	78	NNS	20000	1300	NNS	NNS	<40	<40
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	<40	<40
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	15000	950	NNS	NNS	<40	<40
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	41000	NNS	NNS	<40	<40
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9200	NNS	NNS	<40	<40
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	9800	NNS	NNS	<40	<40
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	1100	NNS	NNS	<40	<40
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000	3900	NNS	NNS	<40	<40
trans-1,3- Dichloropropene, (ug/l)							<40	<40
Benzene, Total, (ug/l)	120	470	11000	700	NNS	NNS	<40	<40
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	NNS	NNS	NNS	<40	<40
Bromoform, Total, (ug/l)	80	2800	15000	10000	NNS	NNS	<40	<40
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	1100	NNS	NNS	<40	<40
Chlorobenzene, Total, (ug/l)	500	2800	NNS	NNS	NNS	NNS	<40	<40
Chloroethane, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<100	<100

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)		
Date of Sampling								02/04/1998	02/15/1998
Chloroform, Total, (ug/l)	590	1400	14000	900	NNS	NNS	<40	<40	
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	1400	NNS	NNS	<40	<40	
Methylene Chloride, Total, (ug/l)	480	27000	97000	5500	NNS	NNS	--	--	
Toluene, Total, (ug/l)	90000	42000	8700	180	NNS	NNS	<40	<40	
Trichlorofluoromethane, Total, (ug/l)							<40	<40	
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	<100	<100	
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS	NNS	NNS	NNS	<40	<40	
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--	--	
Acetone, Total, (ug/l)							<500	<500	
2-Butanone, (ug/l)							<200	<200	
Carbon Disulfide, Total, (ug/l)							<200	<200	
1,2 Dichloroethene, Total, (ug/l)							<40	<40	
Xylenes, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<40	<40	
2-Hexanone, Total, (ug/l)							<200	<200	
Styrene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<40	<40	
Acrolein, Total, (ug/l)	750	1300	34	30	NNS	NNS	<1000	<1000	
Acrylonitrile, Total, (ug/l)							<200	<200	
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	<100	<100	
Methyl Chloride, Total, (ug/l)	1800	2800	270000	15000	NNS	NNS	<100	<100	
Parachloro Toluene, Total, (ug/l)							--	--	
Dibromoethane, Total, (ug/l)							--	--	
Acenaphthene, Total, (ug/l)	2600	8400	850	550	NNS	NNS	<10	<5.0	
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	<10	<5.0	
Anthracene, Total, (ug/l)	6300	NNS	NNS	NNS	NNS	NNS	<10	<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)		
Date of Sampling								02/04/1998	02/15/1998
Benzidine, Total, (ug/l)		0.0007	420	1300	89	NNS	NNS	<100	<5.0
Benzoic Acid, Total, (ug/l)								<10	<5.0
Benzo (a) Anthracene, Total, (ug/l)		0.00008	NNS	NNS	NNS	NNS	NNS	<10	8.4
Benzo (b) Fluoranthene, Total, (ug/l)								<10	<5.0
Benzo (k) Fluoranthene, Total, (ug/l)		0.00001	NNS	NNS	NNS	NNS	NNS	<10	<5.0
Benzo (ghi) Perylene, Total, (ug/l)		0.00001	NNS	NNS	NNS	NNS	NNS	<10	<5.0
Benzo (a) Pyrene, Total, (ug/l)		0.002	NNS	NNS	NNS	NNS	NNS	<10	<5.0
Benzyl Alcohol, Total, (ug/l)								<10	<5.0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)		NNS	NNS	NNS	NNS	NNS	NNS	<10	<5.0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)		1.4	NNS	120000	6700	NNS	NNS	<10	<5.0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)		15000	5600	NNS	NNS	NNS	NNS	<20	<5.0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)		7.4	280000	400	360	NNS	NNS	20	16
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)		NNS	NNS	180	14	NNS	NNS	<10	<5.0
Butyl Benzyl Phthalate, Total, (ug/l)		5000	28000	1700	130	NNS	NNS	<20	<5.0
2-Chloronaphthalene, Total, (ug/l)		13000	11000	NNS	NNS	NNS	NNS	<10	<5.0
2-Chlorophenol, Total, (ug/l)		2100	700	2200	150	NNS	NNS	<10	<5.0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)		NNS	NNS	NNS	NNS	NNS	NNS	<10	<5.0
Chrysene, Total, (ug/l)		0.0001	NNS	NNS	NNS	NNS	NNS	<10	10
Dibenzo-[a,h]-Anthracene, Total, (ug/l)		0.00003	NNS	NNS	NNS	NNS	NNS	<10	<5.0
Di-N-Butyl Phthalate, Total, (ug/l)		2300	14000	470	35	NNS	NNS	<10	12
1,3- Dichlorobenzene, Total, (ug/l)		1200	13000	2500	970	NNS	NNS	<10	<5.0
1,4- Dichlorobenzene, Total, (ug/l)		1200	13000	2000	780	NNS	NNS	<10	<5.0
1,2- Dichlorobenzene, Total, (ug/l)		2800	13000	1200	470	NNS	NNS	<10	<5.0
3,3'- Dichlorobenzidine, Total, (ug/l)		0.09	NNS	NNS	NNS	NNS	NNS	<10	<5.0
2,4- Dichlorophenol, Total, (ug/l)		810	420	1000	88	NNS	NNS	<10	<5.0
Diethyl Phthalate, Total, (ug/l)		110000	110000	26000	1600	NNS	NNS	<10	<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)		
Date of Sampling							02/04/1998	02/15/1998
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1100	310	NNS	NNS	<10	<5.0
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	1000	NNS	NNS	<10	<5.0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	24	NNS	NNS	<10	<5.0
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	9.2	NNS	NNS	<10	<5.0
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	970	NNS	NNS	<10	<5.0
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<10	<5.0
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<10	13
Fluoranthene, Total, (ug/l)	130	5600	2000	1600	NNS	NNS	<10	12
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	<10	<5.0
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	NNS	NNS	NNS	<10	<5.0
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	8.2	NNS	NNS	<10	<5.0
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	0.3	NNS	NNS	<10	<5.0
Hexachloroethane, Total, (ug/l)	4.8	140	490	350	NNS	NNS	<10	<5.0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	NNS	NNS	NNS	<10	<5.0
Isophorone, Total, (ug/l)	520	28000	59000	43000	NNS	NNS	<10	<5.0
Naphthalene, Total, (ug/l)	NNS	560	3300	600	NNS	NNS	<10	<5.0
Nitrobenzene, Total, (ug/l)	600	70	13000	850	NNS	NNS	<10	<5.0
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<10	8.1
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	3000	NNS	NNS	<10	<5.0
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	200	NNS	NNS	<10	<5.0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	NNS	NNS	NNS	<10	<5.0
Pentachlorophenol, Total, (ug/l)	29000	2000	I	I	NNS	NNS	<10	<5.0
Phenanthrene, Total, (ug/l)	0.0005	NNS	54	6.3	NNS	NNS	<10	<5.0
Phenol, Total, (ug/l)							<10	8.1
Pyrene, Total, (ug/l)	1100	4200	NNS	NNS	NNS	NNS	<10	9.1
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	NNS	NNS	NNS	NNS	<10	<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)		
Date of Sampling							02/04/1998	02/15/1998
2,4,5- Trichlorophenol, Total, (ug/l)							<10	<5.0
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	25	NNS	NNS	<10	<5.0
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-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)		
Date of Sampling							02/24/1998	03/26/1998
Representative Storm Event							N	N
Agency Collecting Sample							FCD	FCD
Agency Analyzing Sample							BOLIN	BOLIN
Drainage Area (acres) (DA)							1363	1363
Impervious Area (acres) (IA)							--	--
Land Use - Residential							286	286
Land Use - Commercial							95	95
Land Use - Industrial							586	586
Land Use - Undeveloped							395	395
Sampling Duration (minutes)							129	114
Storm Duration (minutes) (DRN)							103	294
Runoff Sampled (cubic feet) (RUN)							74,600	78,200
Total Storm Runoff (cubic feet)							282,000	240,000
Instantaneous Discharge (cfs)							30.0	19.6
Preceding Dry Period (days) (ANT)							4	30
Total Storm Rainfall (inch)							0.28	0.45
Rainfall Sampled (inch) (TRN)							0.28	0.33
Maximum 5-minute rain intensity (MAX5)							0.36	0.84
Sample Temperature (deg. C)							4	4
Effluent Temperature (deg. C)							NM	49
Ambient Temperature (deg. C)							NM	NM
Barometric Pressure (mm Hg)							NM	NM
pH, Effluent (standard units)							NM	9.2
pH, Lab (standard units)							7.8	7.2
Specific Conductance, FIELD (us/cm)							--	--
Specific Conductance, LAB (us/cm)							--	--

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)		
Date of Sampling							02/24/1998	03/26/1998
Oxygen Dissolved (% saturation)							--	--
Oxygen Dissolved (mg/l)							9	4.1
Electrical Conductivity (umhos/cm)							--	--
BOD5 (mg/l)							63	84
COD High Level (mg/l)							388	332
Chloride (mg/l as Cl)							10	12
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T	9.7 T	NNS	200 T	<0.01	<0.01
Fecal Coliform (CFU/100mL)							1,600	1,600
Fecal Streptococci (CFU/100mL)							5,000	1,600
Solids Residue at 180 Deg. C (TDS) (mg/l)							92	176
Residue, Total at 105 Deg. C (TSS) (mg/l)							611	484
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.9	1.3
TKN Nitrogen (mg/l as N)							<2.0	1.9
Nitrogen, Ammonia + Organic, Total (mg/l as N)							<2.0	1.9
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.9	1.3
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	<0.1	<0.1
Nitrogen Ammonia Total (mg/l as N)							<2.0	1.85
Nitrogen Organic Total (mg/l as N)							<0.5	0.05
Phosphorous Total (mg/l as P)							1.0	5.1
Phosphorous Dissolved (mg/l as P)							0.5	0.2
Phosphorous Ortho (mg/l as P)							0.36	0.2
Sulfate Dissolved (mg/l)							10	17
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	11 D	NNS	NNS	<0.010	<0.010
Phenols Total Recoverable (ug/l)	6500000	84000	54	6.3	NNS	NNS	<5	6.1
Oil and Grease Total Recoverable (mg/l)							<10.0	<10.0
Organic Carbon, Total (mg/l)							26	43

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)		
Date of Sampling							02/24/1998	03/26/1998
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)							64	52
Silica Dissolved (mg/l as SiO2)							--	--
Hardness (mg/l)							123	166
Antimony (ug/l as Sb)	140	56			NNS	NNS	<5	<5
Antimony Dissolved (ug/l as Sb)			1000	600	NNS	NNS	<4	<4
Arsenic Total (ug/l as As)	3.1	2800			2000	200	9	10
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	1.9	2.4
Cadmium Dissolved (ug/l as Cd)			d	d			0.53	0.32
Calcium Dissolved (mg/l as Ca)							--	--
Chromium Total Recoverable (ug/l as Cr)					1000	1000	32	40
Chromium Dissolved (ug/l as Cr)							3.1	1.7
Cobalt Dissolved (ug/l as Co)							--	--
Copper, Total Recoverable, (ug/l as Cu)	NNS				5000	500	120	140
Copper, Dissolved, (ug/l as Cu)	NNS	5200	f	f			30	<15
Iron, Dissolved, (ug/l as Fe)							--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS			10000	100	105	117

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)		
Date of Sampling							02/24/1998	03/26/1998
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	g	g			16	<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	32	40
Nickel, Dissolved, (ug/l as Ni)			h	h	NNS	NNS	4.8	4.3
Potassium, Dissolved, (mg/l as K)							--	--
Selenium, Total, (ug/l as Se)	9000	420	50	2	20	50	<5	<5
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	480	870
Zinc, Dissolved, (ug/l as Zn)		28000	k	k			130	90
Diazinon, Total, (ug/l)							--	--
Ethion, Total, (ug/l)							--	--
Malathion, Total, (ug/l)							--	--
Methyl Parathion, Total, (ug/l)							--	--
Parathion, 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)		
Date of Sampling							02/24/1998	03/26/1998
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	<1.0	<0.05
BHC - ALPHA, (ug/l)	0.03	NNS	1600	130	NNS	NNS	<1.0	0.068
BHC - Gamma (Lindane), (ug/l)	0.02	2500	7.6	0.61	NNS	NNS	<1.0	<0.05
BHC - DELTA, (ug/l)	NNS	NNS	1600	130	NNS	NNS	<1.0	<0.05
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<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
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0	<1.0
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0	<0.50
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0	<0.50
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0	<0.50
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0	<0.60
Chlordane, Total, (ug/l)	0.001	110	2.1	0.21	NNS	NNS	<1.0	<0.050
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	NNS	NNS	<1.0	<0.050
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.02	NNS	NNS	<1.0	<0.050
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.001	NNS	NNS	<1.0	<0.050
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.005	L	L	<1.0	<0.050
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	<1.0	<0.050
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	<1.0	<0.050
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.06	NNS	NNS	<1.0	<0.050
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	NNS	NNS	<1.0	<0.050

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)		
Date of Sampling							02/24/1998	03/26/1998
Endrin, Total, (ug/l)	1.1	40	0.2	0.08	0.004	0.004	<1.0	<0.050
Heptachlor, Total, (ug/l)	0.002	20	0.58	0.013	NNS	NNS	<1.0	<0.050
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.58	0.013	NNS	NNS	<1.0	<0.050
Toxaphene, Total, (ug/l)	0.008	1000	0.73	0.02	0.005	0.005	<1.0	<0.50
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	--
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	130	NNS	NNS	<1.0	<0.050
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700	3200	NNS	NNS	<40	<40
1,1,1,2-Tetrachloroethane, Total, (ug/l)							--	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	680	NNS	NNS	<40	<40
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	20000	1300	NNS	NNS	<40	<40
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	12000	NNS	NNS	<40	<40
Trichloroethene, Total, (ug/l)	78	NNS	20000	1300	NNS	NNS	<40	<40
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	<40	<40
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	15000	950	NNS	NNS	<40	<40
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	41000	NNS	NNS	<40	<40
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9200	NNS	NNS	<40	<40
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	9800	NNS	NNS	<40	<40
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	1100	NNS	NNS	<40	<40
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000	3900	NNS	NNS	<40	<40
trans-1,3- Dichloropropene, (ug/l)							<40	<40
Benzene, Total, (ug/l)	120	470	11000	700	NNS	NNS	<40	<40
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	NNS	NNS	NNS	<40	<40
Bromoform, Total, (ug/l)	80	2800	15000	10000	NNS	NNS	<40	<40
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	1100	NNS	NNS	<40	<40
Chlorobenzene, Total, (ug/l)	500	2800	NNS	NNS	NNS	NNS	<40	<40
Chloroethane, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<100	<100

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)		
Date of Sampling							02/24/1998	03/26/1998
Chloroform, Total, (ug/l)	590	1400	14000	900	NNS	NNS	<40	<40
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	1400	NNS	NNS	<40	<40
Methylene Chloride, Total, (ug/l)	480	27000	97000	5500	NNS	NNS	--	--
Toluene, Total, (ug/l)	90000	42000	8700	180	NNS	NNS	<40	<40
Trichlorofluoromethane, Total, (ug/l)							<40	<40
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	<100	<100
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS	NNS	NNS	NNS	<40	<40
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--	--
Acetone, Total, (ug/l)							<500	<500
2-Butanone, (ug/l)							<200	<200
Carbon Disulfide, Total, (ug/l)							<200	<200
1,2 Dichloroethene, Total, (ug/l)							<40	<40
Xylenes, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<40	<40
2-Hexanone, Total, (ug/l)							<200	<200
Styrene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<40	<40
Acrolein, Total, (ug/l)	750	1300	34	30	NNS	NNS	<1000	<1000
Acrylonitrile, Total, (ug/l)							<200	<200
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	<100	<100
Methyl Chloride, Total, (ug/l)	1800	2800	270000	15000	NNS	NNS	<100	<100
Parachloro Toluene, Total, (ug/l)							--	--
Dibromoethane, Total, (ug/l)							--	--
Acenaphthene, Total, (ug/l)	2600	8400	850	550	NNS	NNS	<5.0	<50
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	<5.0	<50
Anthracene, Total, (ug/l)	6300	NNS	NNS	NNS	NNS	NNS	<5.0	<50

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)		
Date of Sampling							02/24/1998	03/26/1998
Benidine, Total, (ug/l)	0.0007	420	1300	89	NNS	NNS	<5.0	<50
Benzoic Acid, Total, (ug/l)							<5.0	<50
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS	NNS	NNS	NNS	<5.0	<50
Benzo (b) Fluoranthene, Total, (ug/l)							<5.0	<50
Benzo (k) Fluoranthene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	<5.0	<50
Benzo (ghi) Perylene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	<5.0	<50
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	<5.0	<50
BenzyI Alcohol, Total, (ug/l)							<5.0	<50
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<5.0	<50
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	6700	NNS	NNS	<5.0	<50
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	NNS	NNS	NNS	<5.0	<50
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	360	NNS	NNS	23	50
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	14	NNS	NNS	<5.0	<50
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	130	NNS	NNS	<5.0	<50
2-Chloronaphthalene, Total, (ug/l)	13000	11000	NNS	NNS	NNS	NNS	<5.0	<50
2-Chlorophenol, Total, (ug/l)	2100	700	2200	150	NNS	NNS	<5.0	<50
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<5.0	<50
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	<5.0	<50
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	NNS	NNS	NNS	<5.0	<50
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	35	NNS	NNS	<5.0	<50
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	970	NNS	NNS	<5.0	<50
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	780	NNS	NNS	<5.0	<50
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	470	NNS	NNS	<5.0	<50
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	NNS	NNS	NNS	<5.0	<50
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	88	NNS	NNS	<5.0	<50
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	1600	NNS	NNS	<5.0	<50

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)		
Date of Sampling							02/24/1998	03/26/1998
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1100	310	NNS	NNS	<5.0	<50
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	1000	NNS	NNS	<5.0	<50
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	24	NNS	NNS	<5.0	<50
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	9.2	NNS	NNS	<5.0	<50
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	970	NNS	NNS	<5.0	<50
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<5.0	<50
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	7.3	<50
Fluoranthene, Total, (ug/l)	130	5600	2000	1600	NNS	NNS	<5.0	<50
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	<5.0	<50
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	NNS	NNS	NNS	<5.0	<50
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	8.2	NNS	NNS	<5.0	<50
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	0.3	NNS	NNS	<5.0	<50
Hexachloroethane, Total, (ug/l)	4.8	140	490	350	NNS	NNS	<5.0	<50
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	NNS	NNS	NNS	<5.0	<50
Isophorone, Total, (ug/l)	520	28000	59000	43000	NNS	NNS	<5.0	<50
Naphthalene, Total, (ug/l)	NNS	560	3300	600	NNS	NNS	<5.0	<50
Nitrobenzene, Total, (ug/l)	600	70	13000	850	NNS	NNS	<5.0	<50
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<5.0	<50
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	3000	NNS	NNS	<5.0	<50
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	200	NNS	NNS	<5.0	<50
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	NNS	NNS	NNS	<5.0	<50
Pentachlorophenol, Total, (ug/l)	29000	2000	I	I	NNS	NNS	<5.0	<50
Phenanthrene, Total, (ug/l)	0.0005	NNS	54	6.3	NNS	NNS	<5.0	<50
Phenol, Total, (ug/l)							<5.0	<50
Pyrene, Total, (ug/l)	1100	4200	NNS	NNS	NNS	NNS	<5.0	<50
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	NNS	NNS	NNS	NNS	<5.0	<50

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)		
Date of Sampling							02/24/1998	03/26/1998
2,4,5- Trichlorophenol, Total, (ug/l)							<5.0	<50
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	25	NNS	NNS	<5.0	<50
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-45

South bank Salt River at 40th Street

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)					
Date of Sampling				12/01/1997	12/07/1997	01/10/1998	02/04/1998	02/24/1998
Representative Storm Event				N	N	T	Y	Y
Agency Collecting Sample				FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample				BOLIN	BOLIN	BOLIN	BOLIN	BOLIN
Drainage Area (acres) (DA)				880	880	880	880	880
Impervious Area (acres) (IA)				--	--	--	--	--
Land Use - Residential				0	0	0	0	0
Land Use - Commercial				0	0	0	0	0
Land Use - Industrial				650	650	650	650	650
Land Use - Undeveloped				230	230	230	230	230
Sampling Duration (minutes)				480	626	401	303	483
Storm Duration (minutes) (DRN)				181	232	340	664	395
Runoff Sampled (cubic feet) (RUN)				954	5,800	13,200	15,000	5,600
Total Storm Runoff (cubic feet)				1,358	6,500	13,520	21,250	5,800
Instantaneous Discharge (cfs)				0.2	1.8	3.6	2.5	1.5
Preceding Dry Period (days) (ANT)				40	5	19	25	4
Total Storm Rainfall (inch)				0.11	0.28	0.47	0.54	0.48
Rainfall Sampled (inch) (TRN)				0.11	0.28	0.47	0.43	0.48
Maximum 5-minute rain intensity (MAX5)				0.12	0.36	0.72	0.48	0.48
Sample Temperature (deg. C)				4	4	4	4	4
Effluent Temperature (deg. C)				NM	NM	NM	9.7	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	7.4	NM
pH, Lab (standard units)				--	6.8	7.1	7.7	7.6
Specific Conductance, FIELD (us/cm)				--	--	--	--	--
Specific Conductance, LAB (us/cm)				--	--	--	--	--

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)					
Date of Sampling				12/01/1997	12/07/1997	01/10/1998	02/04/1998	02/24/1998
Oxygen Dissolved (% saturation)				--	--	--	--	--
Oxygen Dissolved (mg/l)				3.6	7.9	6.3	7.3	3.9
Electrical Conductivity (umhos/cm)				--	159	--	348	--
BOD5 (mg/l)				225	18	>155	328	>152
COD High Level (mg/l)				--	169	328	453	1061
Chloride (mg/l as Cl)				--	9	17	29	10
Cyanide Total (mg/l as Cn)	3100 T	84 T	19 T	--	<0.01	--	<0.01	--
Fecal Coliform (CFU/100mL)				24,000	3,000	50,000	50,000	900
Fecal Streptococci (CFU/100mL)				50,000	16,000	160,000	>160,000	160,000
Solids Residue at 180 Deg. C (TDS) (mg/l)				--	94	167	243	123
Residue, Total at 105 Deg. C (TSS) (mg/l)				--	132	328	462	596
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	--	0.6	0.6	0.45	0.7
TKN Nitrogen (mg/l as N)				--	3.3	3.65	2.1	0.9
Nitrogen, Ammonia + Organic, Total (mg/l as N)				--	3.3	3.65	4.07	0.86
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	--	0.6	0.4	0.3	0.7
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	--	<0.1	0.22	0.15	<0.1
Nitrogen Ammonia Total (mg/l as N)				--	1.58	1.07	4.07	0.76
Nitrogen Organic Total (mg/l as N)				--	1.72	2.58	<0.01	0.1
Phosphorous Total (mg/l as P)				--	0.59	1.52	0.9	1.1
Phosphorous Dissolved (mg/l as P)				--	0.48	1.13	0.71	1
Phosphorous Ortho (mg/l as P)				--	0.22	0.22	0.38	0.22
Sulfate Dissolved (mg/l)				--	16	27	64	15
Hexavalent Chromium Total (mg/l)	700 T	34 D	23 D	--	<0.010	<0.010	<0.010	<0.010
Phenols Total Recoverable (ug/l)	84000	180000	26000	--	42	66	99	--
Oil and Grease Total Recoverable (mg/l)				18.9	11.4	--	<10.0	<10.0
Organic Carbon, Total (mg/l)				--	25	27	60	--

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)					
Date of Sampling				12/01/1997	12/07/1997	01/10/1998	02/04/1998	02/24/1998
Bicarbonate Whole Field (mg/l as HCO ₃)				--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCO ₃)				--	--	--	--	--
Carbonate Water Field (mg/l as Co ₃)				--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as Co ₃)				--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCo ₃)				--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo ₃)				--	--	--	--	--
Alkalinity LAB (mg/l as CaCo ₃)				144	40	68	60	59
Silica Dissolved (mg/l as SiO ₂)				--	--	--	--	--
Hardness (mg/l)				255	76	128	262	148
Antimony (ug/l as Sb)	56	NNS	NNS	8	<5	<5	8	<5
Antimony Dissolved (ug/l as Sb)		NNS	NNS	8	<4	<4	4	<4
Arsenic Total (ug/l as As)	2800			24	5	6	8	10
Arsenic Dissolved (ug/l as As)		440	230	10	<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	<2
Cadmium Total Recoverable (ug/l as Cd)	70			23	1.3	1.9	4.1	1.8
Cadmium Dissolved (ug/l as Cd)		D	D	4.5	<1	0.47	0.87	0.37
Calcium Dissolved (mg/l as Ca)				--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)				75	11	20	20	1.8
Chromium Dissolved (ug/l as Cr)				15	2.3	3.4	4.6	3.3
Cobalt Dissolved (ug/l as Co)				--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)				1060	152	209	314	206
Copper, Dissolved, (ug/l as Cu)	5200	F	F	143	52	34	61	36
Iron, Dissolved, (ug/l as Fe)				--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS			158	28	61	81	69

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)					
Date of Sampling				12/01/1997	12/07/1997	01/10/1998	02/04/1998	02/24/1998
Lead, Dissolved, (ug/l as Pb)	NNS	G	G	95	<5	9	12	8
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			0.8	<0.2	0.2	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)		5.0	2.7	<0.2	<0.2	<0.2	0.8	<0.2
Molybdenum, Dissolved, (ug/l as Mo)				--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	2800			26	<10	22	17	38
Nickel, Dissolved, (ug/l as Ni)		H	H	27	<10	<10	7	7.3
Potassium, Dissolved, (mg/l as K)				--	--	--	--	--
Selenium, Total, (ug/l as Se)	420	33	2.0	<5	<5	<5	<5	<5
Selenium, Dissolved, (ug/l as Se)				<5	<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	<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	<1
Vanadium, Dissolved, (ug/l as V)				--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	28000			1720	220	370	520	470
Zinc, Dissolved, (ug/l as Zn)	28000	K	K	740	130	90	170	100
Diazinon, Total, (ug/l)				--	--	--	--	--
Ethion, Total, (ug/l)				--	--	--	--	--
Malathion, Total, (ug/l)				--	--	--	--	--
Methyl Parathion, Total, (ug/l)				--	--	--	--	--
Parathion, Total, (ug/l)				--	--	--	--	--

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)					
Date of Sampling				12/01/1997	12/07/1997	01/10/1998	02/04/1998	02/24/1998
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	<1.0	<1.0	--
BHC - ALPHA, (ug/l)	NNS	1600	130	--	<0.5	<1.0	<1.0	--
BHC - Gamma (Lindane), (ug/l)	2500	11	0.9	--	<0.5	<1.0	<1.0	--
BHC - DELTA, (ug/l)	NNS	1600	130	--	<0.5	<1.0	<1.0	--
Aroclor 1016, PCB, Total, (ug/l)	NNS	11	2.5	--	<0.5	<1.0	<1.0	--
Aroclor 1221, PCB, Total, (ug/l)	NNS	11	2.5	--	<0.5	<1.0	<1.0	--
Aroclor 1232, PCB, Total, (ug/l)	NNS	11	2.5	--	<0.5	<1.0	<1.0	--
Aroclor 1242, PCB, Total, (ug/l)	NNS	11	2.5	--	<0.5	<1.0	<1.0	--
Aroclor 1248, PCB, Total, (ug/l)	NNS	11	2.5	--	<0.5	<1.0	<1.0	--
Aroclor 1254, PCB, Total, (ug/l)	NNS	11	2.5	--	<0.5	<1.0	<1.0	--
Aroclor 1260, PCB, Total, (ug/L)	NNS	11	2.5	--	<0.5	<1.0	<1.0	--
Chlordane, Total, (ug/l)	110	3.2	0.45	--	<0.5	<1.0	<1.0	--
P,P' DDD, Total, (ug/l)	NNS	1.1	0.02	--	<0.5	<1.0	<1.0	--
P,P' DDE, Total, (ug/l)	NNS	1.1	0.03	--	<0.5	<1.0	<1.0	--
P, P' DDT, Total, (ug/l)	700	1.1	0.006	--	<0.5	<1.0	<1.0	--
Dieldrin, Total, (ug/l)	7	4.0	0.9	--	<0.5	<1.0	<1.0	--
Endo-Sulfan Alpha, Total, (ug/l)	NNS	3.0	1.5	--	<0.5	<1.0	<1.0	--
Endo-Sulfan Beta, Total, (ug/l)	NNS	3.0	1.5	--	<0.5	<1.0	<1.0	--
Endo-Sulfan Sulfate, Total, (ug/l)	NNS	3.0	1.5	--	<0.5	<1.0	<1.0	--
Endrin Aldehyde, Total, (ug/l)	NNS	0.7	0.3	--	<0.5	<1.0	<1.0	--

SR-45 - South Bank of Salt River at 40th Street								
	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)					
Date of Sampling				12/01/1997	12/07/1997	01/10/1998	02/04/1998	02/24/1998
Endrin, Total, (ug/l)	40	0.7	0.3	--	<0.1	<1.0	<1.0	--
Heptachlor, Total, (ug/l)	20	0.9	0.1	--	<0.5	<1.0	<1.0	--
Heptachlor Epoxide, Total, (ug/l)	2	0.9	0.1	--	<0.5	<1.0	<1.0	--
Toxaphene, Total, (ug/l)	1000	11	1.5	--	<0.5	<1.0	<1.0	--
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	--	<0.5	<1.0	<1.0	--
Beta Benzene Hexachloride, Total, (ug/l)	NNS	1600	130	--	<0.5	<1.0	<1.0	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	450	NNS	NNS	<40	<20	<40	<40	<40
1,1,1,2-Tetrachloroethane, Total, (ug/l)				--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	4000	15000	6000	<40	<20	<40	<40	<40
1,1,1- Trichloroethane, Total, (ug/l)	13000	NNS	NNS	<40	<20	<40	<40	<40
1,1,2- Trichloroethane, Total, (ug/l)	560	NNS	NNS	<40	<20	<40	<40	<40
Trichloroethene, Total, (ug/l)	NNS	NNS	NNS	<40	<20	<40	<40	<40
1,1- Dichloroethane, Total, (ug/l)	14000	NNS	NNS	<40	<20	<40	<40	<40
1,1- Dichloroethene, Total, (ug/l)	1300	NNS	NNS	<40	<20	<40	<40	<40
1,2- Dichloroethane, Total, (ug/l)	10000	NNS	NNS	<40	<20	<40	<40	<40
1,2- Dichloropropane, Total, (ug/l)	200	NNS	NNS	<40	<20	<40	<40	<40
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	NNS	<40	<20	<40	<40	<40
cis-1,3-Dichloropropene, (ug/l)	60	NNS	NNS	<40	<20	<40	<40	<40
trans-1,2- Dichloroethene, (ug/l)	2800	NNS	NNS	<40	<20	<40	<40	<40
trans-1,3- Dichloropropene, (ug/l)				<40	<20	<40	<40	<40
Benzene, Total, (ug/l)	470	NNS	NNS	<40	<20	<40	<40	<40
Bromodichloromethane, Total, (ug/l)	2800	NNS	NNS	<40	<20	<40	<40	<40
Bromoform, Total, (ug/l)	2800	NNS	NNS	<40	<20	<40	<40	<40
Carbon Tetrachloride, Total, (ug/l)	8000	NNS	NNS	<40	<20	<40	<40	<40
Chlorobenzene, Total, (ug/l)	2800	NNS	NNS	<40	<20	<40	<40	<40
Chloroethane, (ug/l)	NNS	NNS	NNS	<100	<50	<100	<100	<100

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)					
Date of Sampling				12/01/1997	12/07/1997	01/10/1998	02/04/1998	02/24/1998
Chloroform, Total, (ug/l)	1400	NNS	NNS	<40	<20	<40	<40	<40
Ethyl-Benzene, Total, (ug/l)	64000	NNS	NNS	<40	<20	<40	<40	<40
Methylene Chloride, Total, (ug/l)	27000	NNS	NNS	--	--	--	--	--
Toluene, Total, (ug/l)	42000	NNS	NNS	<40	<20	<40	<40	<40
Trichlorofluoromethane, Total, (ug/l)				<40	<20	<40	<40	<40
Vinyl Chloride, Total, (ug/l)	NNS	NNS	NNS	<100	<50	<100	<100	<100
Chlorodibromomethane, Total, (ug/l)	2800	NNS	NNS	<40	<20	<40	<40	<40
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)				--	--	--	--	--
Acetone, Total, (ug/l)				<500	<250	<500	<500	<500
2-Butanone, (ug/l)				--	<100	<200	<200	<200
Carbon Disulfide, Total, (ug/l)				--	<100	<200	<200	<200
1,2 Dichloroethene, Total, (ug/l)				<40	<20	<40	<40	<40
Xylenes, Total, (ug/l)	NNS	NNS	NNS	<40	<20	<40	<40	<40
2-Hexanone, Total, (ug/l)				<40	<100	<200	<200	<200
Styrene, Total, (ug/l)	NNS	NNS	NNS	<40	<20	<40	<40	<40
Acrolein, Total, (ug/l)	1300	NNS	NNS	<1000	<500	<1000	<1000	<1000
Acrylonitrile, Total, (ug/l)				<200	<100	<200	<200	<200
Bromobenzene, Water Whole, Total, (ug/l)				--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)				--	--	--	--	--
Methyl Bromide, Total, (ug/l)	200	NNS	NNS	<100	<50	<100	<100	<100
Methyl Chloride, Total, (ug/l)	2800	NNS	NNS	<100	<50	<100	<100	<100
Parachloro Toluene, Total, (ug/l)				--	--	--	--	--
Dibromoethane, Total, (ug/l)				--	--	--	--	--
Acenaphthene, Total, (ug/l)	8400	NNS	NNS	--	<3.0	<3.0	<10	--
Acenaphthylene, Total, (ug/l)	NNS	NNS	NNS	--	<3.0	<3.0	<10	--
Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	<3.0	<3.0	<10	--

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)					
Date of Sampling				12/01/1997	12/07/1997	01/10/1998	02/04/1998	02/24/1998
Benzidine, Total, (ug/l)	420	10000	640	--	<50	<50	<100	--
Benzoic Acid, Total, (ug/l)				--	<3.0	<3.0	18	--
Benzo (a) Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	<3.0	<3.0	<10	--
Benzo (b) Fluoranthene, Total, (ug/l)				--	<5.0	<5.0	<10	--
Benzo (k) Fluoranthene, Total, (ug/l)	NNS	NNS	NNS	--	<5.0	<5.0	<10	--
Benzo (ghi) Perylene, Total, (ug/l)	NNS	NNS	NNS	--	<3.0	<3.0	<10	--
Benzo (a) Pyrene, Total, (ug/l)	NNS	NNS	NNS	--	<3.0	<3.0	<10	--
Benzyl Alcohol, Total, (ug/l)				--	<3.0	<3.0	<10	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	--	<3.0	<3.0	<10	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	NNS	NNS	NNS	--	<3.0	<3.0	<10	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	5600	NNS	NNS	--	<3.0	<3.0	<20	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	280000	3100	360	--	16	49	50	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	--	<3.0	<3.0	<10	--
Butyl Benzyl Phthalate, Total, (ug/l)	28000	NNS	NNS	--	<5.0	<5.0	<20	--
2-Chloronaphthalene, Total, (ug/l)	11000	NNS	NNS	--	<3.0	<3.0	<10	--
2-Chlorophenol, Total, (ug/l)	700	NNS	NNS	--	<3.0	<3.0	<10	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	--	<3.0	<3.0	<10	--
Chrysene, Total, (ug/l)	NNS	NNS	NNS	--	<3.0	<3.0	<10	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	NNS	NNS	NNS	--	<5.0	<5.0	<10	--
Di-N-Butyl Phthalate, Total, (ug/l)	14000	1100	84	--	<3.0	<3.0	<10	--
1,3- Dichlorobenzene, Total, (ug/l)	13000	NNS	NNS	--	<3.0	<3.0	<10	--
1,4- Dichlorobenzene, Total, (ug/l)	13000	6500	2500	--	<3.0	<3.0	<10	--
1,2- Dichlorobenzene, Total, (ug/l)	13000	5900	2300	--	<3.0	<3.0	<10	--
3,3'- Dichlorobenzidine, Total, (ug/l)	NNS	NNS	NNS	--	<5.0	<5.0	<10	--
2,4- Dichlorophenol, Total, (ug/l)	420	NNS	NNS	--	<3.0	<3.0	<10	--
Diethyl Phthalate, Total, (ug/l)	110000	NNS	NNS	--	<3.0	<3.0	<10	--

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)					
Date of Sampling				12/01/1997	12/07/1997	01/10/1998	02/04/1998	02/24/1998
2,4- Dimethylphenol, Total, (ug/l)	NNS	150000	43000	--	<5.0	<5.0	<10	--
Dimethyl Phthalate, Total, (ug/l)	NNS	NNS	NNS	--	<3.0	<3.0	<10	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	NNS	NNS	NNS	--	<5.0	<5.0	<10	--
2,4- Dinitrophenol, Total, (ug/l)	280	NNS	NNS	--	<10	<10	<10	--
2,4- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	--	<5.0	<5.0	<10	--
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	--	<5.0	<5.0	<10	--
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	--	12	18	17	--
Fluoranthene, Total, (ug/l)	5600	NNS	NNS	--	<3.0	<3.0	<10	--
Fluorene, Total, (ug/l)	5600	NNS	NNS	--	<3.0	<3.0	<10	--
Hexachlorobenzene, Total, (ug/l)	100	NNS	NNS	--	<3.0	<3.0	<10	--
Hexachlorobutadiene, Total, (ug/l)	280	NNS	NNS	--	<3.0	<3.0	<10	--
Hexachlorocyclopentadiene, Total, (ug/l)	1000	NNS	NNS	--	<10	<10	<10	--
Hexachloroethane, Total, (ug/l)	140	850	610	--	<3.0	<3.0	<10	--
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	NNS	NNS	NNS	--	<5.0	<5.0	<10	--
Isophorone, Total, (ug/l)	28000	NNS	NNS	--	<3.0	<3.0	<10	--
Naphthalene, Total, (ug/l)	560	NNS	NNS	--	<3.0	<3.0	<10	--
Nitrobenzene, Total, (ug/l)	70	NNS	NNS	--	<3.0	<3.0	<10	--
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	--	<5.0	<5.0	<10	--
4-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	--	<5.0	<5.0	<10	--
N-Nitrosodiphenylamine, Total, (ug/l)	NNS	NNS	NNS	--	<3.0	<3.0	<10	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	NNS	NNS	NNS	--	<3.0	<3.0	<10	--
Pentachlorophenol, Total, (ug/l)	2000	I	I	--	<5.0	<5.0	<10	--
Phenanthrene, Total, (ug/l)	NNS	NNS	NNS	--	<3.0	<3.0	<10	--
Phenol, Total, (ug/l)				--	<3.0	<3.0	<10	--
Pyrene, Total, (ug/l)	4200	NNS	NNS	--	<3.0	<3.0	<10	--
1,2,4-Trichlorobenzene, Total, (ug/l)	2800	NNS	NNS	--	<3.0	<3.0	<10	--

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)					
Date of Sampling				12/01/1997	12/07/1997	01/10/1998	02/04/1998	02/24/1998
2,4,5- Trichlorophenol, Total, (ug/l)				--	<3.0	<3.0	<10	--
2,4,6- Trichlorophenol, Total, (ug/l)	NNS	3000	460	--	<3.0	<3.0	<10	--
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)				--	--	--	--	--

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)		
Date of Sampling				03/26/1998	04/01/1998
Representative Storm Event				N	N
Agency Collecting Sample				FCD	FCD
Agency Analyzing Sample				BOLIN	BOLIN
Drainage Area (acres) (DA)				880	880
Impervious Area (acres) (IA)				--	--
Land Use - Residential				0	0
Land Use - Commercial				0	0
Land Use - Industrial				650	650
Land Use - Undeveloped				230	230
Sampling Duration (minutes)				480	480
Storm Duration (minutes) (DRN)				274	104
Runoff Sampled (cubic feet) (RUN)				5,300	4,290
Total Storm Runoff (cubic feet)				5,340	4,290
Instantaneous Discharge (cfs)				0.8	2.4
Preceding Dry Period (days) (ANT)				30	6
Total Storm Rainfall (inch)				0.41	0.30
Rainfall Sampled (inch) (TRN)				0.41	0.30
Maximum 5-minute rain intensity (MAX5)				0.48	1.44
Sample Temperature (deg. C)				4	4
Effluent Temperature (deg. C)				45	NM
Ambient Temperature (deg. C)				NM	NM
Barometric Pressure (mm Hg)				NM	NM
pH, Effluent (standard units)				8.1	NM
pH, Lab (standard units)				7	6.9
Specific Conductance, FIELD (us/cm)				--	--
Specific Conductance, LAB (us/cm)				--	--

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)		
Date of Sampling				03/26/1998	04/01/1998
Oxygen Dissolved (% saturation)				--	--
Oxygen Dissolved (mg/l)				3.9	8.2
Electrical Conductivity (umhos/cm)				--	--
BOD5 (mg/l)				412	26
COD High Level (mg/l)				408	174
Chloride (mg/l as Cl)				18	24
Cyanide Total (mg/l as Cn)	3100 T	84 T	19 T	<0.01	<0.01
Fecal Coliform (CFU/100mL)				9,000	500
Fecal Streptococci (CFU/100mL)				16,000	1,600
Solids Residue at 180 Deg. C (TDS) (mg/l)				354	163
Residue, Total at 105 Deg. C (TSS) (mg/l)				345	124
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	1.4	1.3
TKN Nitrogen (mg/l as N)				1.6	1.1
Nitrogen, Ammonia + Organic, Total (mg/l as N)				2.34	1.2
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	1.3	1.3
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	0.1	<0.1
Nitrogen Ammonia Total (mg/l as N)				2.34	1.2
Nitrogen Organic Total (mg/l as N)				<0.5	<0.5
Phosphorous Total (mg/l as P)				7.6	0.4
Phosphorous Dissolved (mg/l as P)				0.4	0.3
Phosphorous Ortho (mg/l as P)				0.2	0.22
Sulfate Dissolved (mg/l)				43	20
Hexavalent Chromium Total (mg/l)	700 T	34 D	23 D	<0.010	<0.010
Phenols Total Recoverable (ug/l)	84000	180000	26000	5.3	9
Oil and Grease Total Recoverable (mg/l)				<10.0	<10.0
Organic Carbon, Total (mg/l)				76	17

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)		
Date of Sampling				03/26/1998	04/01/1998
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)				58	38
Silica Dissolved (mg/l as SiO2)				--	--
Hardness (mg/l)				224	100
Antimony (ug/l as Sb)	56	NNS	NNS	<5	<5
Antimony Dissolved (ug/l as Sb)		NNS	NNS	<4	<4
Arsenic Total (ug/l as As)	2800			10	6
Arsenic Dissolved (ug/l as As)		440	230	<5	<5
Barium Dissolved (ug/l as Ba)	NNS			--	--
Beryllium Total Recoverable (ug/l as Be)	700	NNS	NNS	<2	<2
Beryllium Dissolved (ug/l as Be)		NNS	NNS	<2	<2
Cadmium Total Recoverable (ug/l as Cd)	70			3.8	0.9
Cadmium Dissolved (ug/l as Cd)		D	D	0.4	0.47
Calcium Dissolved (mg/l as Ca)				--	--
Chromium Total Recoverable (ug/l as Cr)				35	18
Chromium Dissolved (ug/l as Cr)				3.7	4.4
Cobalt Dissolved (ug/l as Co)				--	--
Copper, Total Recoverable, (ug/l as Cu)				314	59
Copper, Dissolved, (ug/l as Cu)	5200	F	F	65	23
Iron, Dissolved, (ug/l as Fe)				--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS			76	24

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)		
Date of Sampling				03/26/1998	04/01/1998
Lead, Dissolved, (ug/l as Pb)	NNS	G	G	<5	8
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
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			32	17
Nickel, Dissolved, (ug/l as Ni)		H	H	6.8	6.1
Potassium, Dissolved, (mg/l as K)				--	--
Selenium, Total, (ug/l as Se)	420	33	2.0	<5	<5
Selenium, Dissolved, (ug/l as Se)				<5	<5
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS	NNS	<50	<50
Silver, Dissolved, (ug/l as Ag)	NNS	J	NNS	<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
Thallium, Dissolved, (ug/l as Tl)		NNS	NNS	<1	<1
Vanadium, Dissolved, (ug/l as V)				--	--
Zinc, Total Recoverable, (ug/l as Zn)	28000			540	170
Zinc, Dissolved, (ug/l as Zn)	28000	K	K	60	70
Diazinon, Total, (ug/l)				--	--
Ethion, Total, (ug/l)				--	--
Malathion, Total, (ug/l)				--	--
Methyl Parathion, Total, (ug/l)				--	--
Parathion, Total, (ug/l)				--	--

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&Wc Acute (ug/L)	A&Wc Chronic (ug/L)		
Date of Sampling				03/26/1998	04/01/1998
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	<0.05	<1.0
BHC - ALPHA, (ug/l)	NNS	1600	130	0.074	<1.0
BHC - Gamma (Lindane), (ug/l)	2500	11	0.9	<0.05	<1.0
BHC - DELTA, (ug/l)	NNS	1600	130	<0.05	<1.0
Aroclor 1016, PCB, Total, (ug/l)	NNS	11	2.5	<1.0	<1.0
Aroclor 1221, PCB, Total, (ug/l)	NNS	11	2.5	<1.0	<1.0
Aroclor 1232, PCB, Total, (ug/l)	NNS	11	2.5	<1.0	<1.0
Aroclor 1242, PCB, Total, (ug/l)	NNS	11	2.5	<0.50	<1.0
Aroclor 1248, PCB, Total, (ug/l)	NNS	11	2.5	<0.50	<1.0
Aroclor 1254, PCB, Total, (ug/l)	NNS	11	2.5	<0.50	<1.0
Aroclor 1260, PCB, Total, (ug/L)	NNS	11	2.5	<0.60	<1.0
Chlordane, Total, (ug/l)	110	3.2	0.45	<0.050	<1.0
P,P' DDD, Total, (ug/l)	NNS	1.1	0.02	<0.050	<1.0
P,P' DDE, Total, (ug/l)	NNS	1.1	0.03	0.095	<1.0
P, P' DDT, Total, (ug/l)	700	1.1	0.006	<0.050	<1.0
Dieldrin, Total, (ug/l)	7	4.0	0.9	<0.050	<1.0
Endo-Sulfan Alpha, Total, (ug/l)	NNS	3.0	1.5	<0.050	<1.0
Endo-Sulfan Beta, Total, (ug/l)	NNS	3.0	1.5	<0.050	<1.0
Endo-Sulfan Sulfate, Total, (ug/l)	NNS	3.0	1.5	<0.050	<1.0
Endrin Aldehyde, Total, (ug/l)	NNS	0.7	0.3	<0.050	<1.0

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)		
Date of Sampling				03/26/1998	04/01/1998
Endrin, Total, (ug/l)	40	0.7	0.3	<0.050	<1.0
Heptachlor, Total, (ug/l)	20	0.9	0.1	<0.050	<1.0
Heptachlor Epoxide, Total, (ug/l)	2	0.9	0.1	<0.050	<1.0
Toxaphene, Total, (ug/l)	1000	11	1.5	<0.50	<1.0
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	--	<1.0
Beta Benzene Hexachloride, Total, (ug/l)	NNS	1600	130	<0.050	<1.0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	450	NNS	NNS	<80	<40
1,1,1,2-Tetrachloroethane, Total, (ug/l)				--	--
Tetrachloroethene, PCE, Total, (ug/l)	4000	15000	6000	<80	<40
1,1,1- Trichloroethane, Total, (ug/l)	13000	NNS	NNS	<80	<40
1,1,2- Trichloroethane, Total, (ug/l)	560	NNS	NNS	<80	<40
Trichloroethene, Total, (ug/l)	NNS	NNS	NNS	<80	<40
1,1- Dichloroethane, Total, (ug/l)	14000	NNS	NNS	<80	<40
1,1- Dichloroethene, Total, (ug/l)	1300	NNS	NNS	<80	<40
1,2- Dichloroethane, Total, (ug/l)	10000	NNS	NNS	<80	<40
1,2- Dichloropropane, Total, (ug/l)	200	NNS	NNS	<80	<40
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	NNS	<80	<40
cis-1,3-Dichloropropene, (ug/l)	60	NNS	NNS	<80	<40
trans-1,2- Dichloroethene, (ug/l)	2800	NNS	NNS	<80	<40
trans-1,3- Dichloropropene, (ug/l)				<80	<40
Benzene, Total, (ug/l)	470	NNS	NNS	<80	<40
Bromodichloromethane, Total, (ug/l)	2800	NNS	NNS	<80	<40
Bromoform, Total, (ug/l)	2800	NNS	NNS	<80	<40
Carbon Tetrachloride, Total, (ug/l)	8000	NNS	NNS	<80	<40
Chlorobenzene, Total, (ug/l)	2800	NNS	NNS	<80	<40
Chloroethane, (ug/l)	NNS	NNS	NNS	<200	<100

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)		
Date of Sampling				03/26/1998	04/01/1998
Chloroform, Total, (ug/l)	1400	NNS	NNS	<80	<40
Ethyl-Benzene, Total, (ug/l)	64000	NNS	NNS	<80	<40
Methylene Chloride, Total, (ug/l)	27000	NNS	NNS	--	--
Toluene, Total, (ug/l)	42000	NNS	NNS	<80	<40
Trichlorofluoromethane, Total, (ug/l)				<80	<40
Vinyl Chloride, Total, (ug/l)	NNS	NNS	NNS	<200	<100
Chlorodibromomethane, Total, (ug/l)	2800	NNS	NNS	<80	<40
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)				--	--
Acetone, Total, (ug/l)				<1000	<500
2-Butanone, (ug/l)				<400	<200
Carbon Disulfide, Total, (ug/l)				<400	<200
1,2 Dichloroethene, Total, (ug/l)				<80	<40
Xylenes, Total, (ug/l)	NNS	NNS	NNS	<80	<40
2-Hexanone, Total, (ug/l)				<400	<200
Styrene, Total, (ug/l)	NNS	NNS	NNS	<80	<40
Acrolein, Total, (ug/l)	1300	NNS	NNS	<2000	<1000
Acrylonitrile, Total, (ug/l)				<400	<200
Bromobenzene, Water Whole, Total, (ug/l)				--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)				--	--
Methyl Bromide, Total, (ug/l)	200	NNS	NNS	<200	<100
Methyl Chloride, Total, (ug/l)	2800	NNS	NNS	<200	<100
Parachloro Toluene, Total, (ug/l)				--	--
Dibromoethane, Total, (ug/l)				--	--
Acenaphthene, Total, (ug/l)	8400	NNS	NNS	<50	<5.0
Acenaphthylene, Total, (ug/l)	NNS	NNS	NNS	<50	<5.0
Anthracene, Total, (ug/l)	NNS	NNS	NNS	<50	10

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)		
Date of Sampling				03/26/1998	04/01/1998
Benzidine, Total, (ug/l)	420	10000	640	<50	<5.0
Benzoic Acid, Total, (ug/l)				<50	12
Benzo (a) Anthracene, Total, (ug/l)	NNS	NNS	NNS	<50	8.1
Benzo (b) Fluoranthene, Total, (ug/l)				<50	7.4
Benzo (k) Fluoranthene, Total, (ug/l)	NNS	NNS	NNS	<50	9.5
Benzo (ghi) Perylene, Total, (ug/l)	NNS	NNS	NNS	<50	<5.0
Benzo (a) Pyrene, Total, (ug/l)	NNS	NNS	NNS	<50	7.7
Benzyl Alcohol, Total, (ug/l)				<50	9.1
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	<50	<5.0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	NNS	NNS	NNS	<50	<5.0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	5600	NNS	NNS	<50	<5.0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	280000	3100	360	51	8.9
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	<50	<5.0
Butyl Benzyl Phthalate, Total, (ug/l)	28000	NNS	NNS	<50	8
2-Chloronaphthalene, Total, (ug/l)	11000	NNS	NNS	<50	<5.0
2-Chlorophenol, Total, (ug/l)	700	NNS	NNS	<50	<5.0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	<50	<5.0
Chrysene, Total, (ug/l)	NNS	NNS	NNS	<50	11
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	NNS	NNS	NNS	<50	<5.0
Di-N-Butyl Phthalate, Total, (ug/l)	14000	1100	84	<50	11
1,3- Dichlorobenzene, Total, (ug/l)	13000	NNS	NNS	<50	<5.0
1,4- Dichlorobenzene, Total, (ug/l)	13000	6500	2500	<50	<5.0
1,2- Dichlorobenzene, Total, (ug/l)	13000	5900	2300	<50	<5.0
3,3'- Dichlorobenzidine, Total, (ug/l)	NNS	NNS	NNS	<50	<5.0
2,4- Dichlorophenol, Total, (ug/l)	420	NNS	NNS	<50	<5.0
Diethyl Phthalate, Total, (ug/l)	110000	NNS	NNS	<50	8.5

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)		
Date of Sampling				03/26/1998	04/01/1998
2,4- Dimethylphenol, Total, (ug/l)	NNS	150000	43000	<50	<5.0
Dimethyl Phthalate, Total, (ug/l)	NNS	NNS	NNS	<50	<5.0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	NNS	NNS	NNS	<50	<5.0
2,4- Dinitrophenol, Total, (ug/l)	280	NNS	NNS	<50	<5.0
2,4- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	<50	<5.0
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	<50	<5.0
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	11	11
Fluoranthene, Total, (ug/l)	5600	NNS	NNS	<50	10
Fluorene, Total, (ug/l)	5600	NNS	NNS	<50	<5.0
Hexachlorobenzene, Total, (ug/l)	100	NNS	NNS	<50	<5.0
Hexachlorobutadiene, Total, (ug/l)	280	NNS	NNS	<50	<5.0
Hexachlorocyclopentadiene, Total, (ug/l)	1000	NNS	NNS	<50	<5.0
Hexachloroethane, Total, (ug/l)	140	850	610	<50	<5.0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	NNS	NNS	NNS	<50	<5.0
Isophorone, Total, (ug/l)	28000	NNS	NNS	<50	<5.0
Naphthalene, Total, (ug/l)	560	NNS	NNS	<50	<5.0
Nitrobenzene, Total, (ug/l)	70	NNS	NNS	<50	<5.0
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	<50	<5.0
4-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	<50	<5.0
N-Nitrosodiphenylamine, Total, (ug/l)	NNS	NNS	NNS	<50	<5.0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	NNS	NNS	NNS	<50	<5.0
Pentachlorophenol, Total, (ug/l)	2000	I	I	<50	11
Phenanthrene, Total, (ug/l)	NNS	NNS	NNS	<50	9.7
Phenol, Total, (ug/l)				<50	<5.0
Pyrene, Total, (ug/l)	4200	NNS	NNS	<50	9.3
1,2,4-Trichlorobenzene, Total, (ug/l)	2800	NNS	NNS	<50	<5.0

SR-45 - South Bank of Salt River at 40th Street	PBC (ug/L)	A&We Acute (ug/L)	A&We Chronic (ug/L)		
Date of Sampling				03/26/1998	04/01/1998
2,4,5- Trichlorophenol, Total, (ug/l)				<50	<5.0
2,4,6- Trichlorophenol, Total, (ug/l)	NNS	3000	460	<50	<5.0
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)				--	--

SR-49

North bank Salt River at 67th Avenue

SR-49 - North Bank of Salt River at 67th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)	
Date of Sampling							04/12/1998
Representative Storm Event							N
Agency Collecting Sample							FCD
Agency Analyzing Sample							BOLIN
Drainage Area (acres) (DA)							4738
Impervious Area (acres) (IA)							--
Land Use - Residential							1151
Land Use - Commercial							0
Land Use - Industrial							1291
Land Use - Undeveloped							2857
Sampling Duration (minutes)							112
Storm Duration (minutes) (DRN)							107
Runoff Sampled (cubic feet) (RUN)							30,600
Total Storm Runoff (cubic feet)							259,000
Instantaneous Discharge (cfs)							12.0
Preceding Dry Period (days) (ANT)							11
Total Storm Rainfall (inch)							0.10
Rainfall Sampled (inch) (TRN)							0.10
Maximum 5-minute rain intensity (MAX5)							0.24
Sample Temperature (deg. C)							4
Effluent Temperature (deg. C)							NM
Ambient Temperature (deg. C)							NM
Barometric Pressure (mm Hg)							NM
pH, Effluent (standard units)							NM
pH, Lab (standard units)							7.5
Specific Conductance, FIELD (us/cm)							--
Specific Conductance, LAB (us/cm)							--

SR-49 - North Bank of Salt River at 67th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)	
Date of Sampling							04/12/1998
Oxygen Dissolved (% saturation)							--
Oxygen Dissolved (mg/l)							8.9
Electrical Conductivity (umhos/cm)							--
BOD5 (mg/l)							4
COD High Level (mg/l)							25
Chloride (mg/l as Cl)							15
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T	9.7 T	NNS	200 T	--
Fecal Coliform (CFU/100mL)							280
Fecal Streptococci (CFU/100mL)							50
Solids Residue at 180 Deg. C (TDS) (mg/l)							175
Residue, Total at 105 Deg. C (TSS) (mg/l)							<1
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.1
TKN Nitrogen (mg/l as N)							<0.5
Nitrogen, Ammonia + Organic, Total (mg/l as N)							0.35
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.1
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	<0.1
Nitrogen Ammonia Total (mg/l as N)							0.35
Nitrogen Organic Total (mg/l as N)							<0.5
Phosphorous Total (mg/l as P)							0.24
Phosphorous Dissolved (mg/l as P)							0.2
Phosphorous Ortho (mg/l as P)							0.21
Sulfate Dissolved (mg/l)							6
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	11 D	NNS	NNS	<0.010
Phenols Total Recoverable (ug/l)	6500000	84000	54	6.3	NNS	NNS	6.4
Oil and Grease Total Recoverable (mg/l)							<10.0
Organic Carbon, Total (mg/l)							10

SR-49 - North Bank of Salt River at 67th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)	
Date of Sampling							04/12/1998
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)							142
Silica Dissolved (mg/l as SiO2)							--
Hardness (mg/l)							147
Antimony (ug/l as Sb)	140	56			NNS	NNS	<5
Antimony Dissolved (ug/l as Sb)			1000	600	NNS	NNS	<4
Arsenic Total (ug/l as As)	3.1	2800			2000	200	<5
Arsenic Dissolved (ug/l as As)			360	190			<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
Beryllium Dissolved (ug/l as Be)			65	5.3	NNS	NNS	<2
Cadmium Total Recoverable (ug/l as Cd)	83	70			50	50	0.36
Cadmium Dissolved (ug/l as Cd)			d	d			0.25
Calcium Dissolved (mg/l as Ca)							--
Chromium Total Recoverable (ug/l as Cr)					1000	1000	5.1
Chromium Dissolved (ug/l as Cr)							17
Cobalt Dissolved (ug/l as Co)							--
Copper, Total Recoverable, (ug/l as Cu)	NNS				5000	500	7
Copper, Dissolved, (ug/l as Cu)	NNS	5200	f	f			<15
Iron, Dissolved, (ug/l as Fe)							--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS			10000	100	<5

SR-49 - North Bank of Salt River at 67th Avenue

	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)	
Date of Sampling							04/12/1998
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	g	g			<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
Mercury, Dissolved, (ug/l as Hg)			2.6	0.2			<0.2
Molybdenum, Dissolved, (ug/l as Mo)							--
Nickel, Total Recoverable, (ug/l as Ni)	400	2800			NNS	NNS	4.3
Nickel, Dissolved, (ug/l as Ni)			h	h	NNS	NNS	12
Potassium, Dissolved, (mg/l as K)							--
Selenium, Total, (ug/l as Se)	9000	420	50	2	20	50	<5
Selenium, Dissolved, (ug/l as Se)	9000						<5
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS					<50
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	j	NNS			<50
Sodium, Dissolved, (mg/l as Na)							--
Strontium, Dissolved, (ug/l as Sr)							--
Thallium, Total, (ug/l as Tl)	44	3700					<1
Thallium, Dissolved, (ug/l as Tl)			700	150			<1
Vanadium, Dissolved, (ug/l as V)							--
Zinc, Total Recoverable, (ug/l as Zn)		28000			10000	25000	50
Zinc, Dissolved, (ug/l as Zn)		28000	k	k			<20
Diazinon, Total, (ug/l)							--
Ethion, Total, (ug/l)							--
Malathion, Total, (ug/l)							--
Methyl Parathion, Total, (ug/l)							--
Parathion, Total, (ug/l)							--

SR-49 - North Bank of Salt River at 67th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)	
Date of Sampling							04/12/1998
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	<1.0
BHC - ALPHA, (ug/l)	0.03	NNS	1600	130	NNS	NNS	<1.0
BHC - Gamma (Lindane), (ug/l)	0.02	2500	7.6	0.61	NNS	NNS	<1.0
BHC - DELTA, (ug/l)	NNS	NNS	1600	130	NNS	NNS	<1.0
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.01	0.001	0.001	<1.0
Chlordane, Total, (ug/l)	0.001	110	2.1	0.21	NNS	NNS	<1.0
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	NNS	NNS	<1.0
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.02	NNS	NNS	<1.0
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.001	NNS	NNS	<2.0
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.005	L	L	<1.0
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	<1.0
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	NNS	NNS	<1.0
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.06	NNS	NNS	<1.0
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	NNS	NNS	<1.0

SR-49 - North Bank of Salt River at 67th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)	
Date of Sampling							04/12/1998
Endrin, Total, (ug/l)	1.1	40	0.2	0.08	0.004	0.004	<1.0
Heptachlor, Total, (ug/l)	0.002	20	0.58	0.013	NNS	NNS	<1.0
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.58	0.013	NNS	NNS	<1.0
Toxaphene, Total, (ug/l)	0.008	1000	0.73	0.02	0.005	0.005	<1.0
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	130	NNS	NNS	<1.0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700	3200	NNS	NNS	<8
1,1,1,2-Tetrachloroethane, Total,(ug/l)							--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	680	NNS	NNS	<8
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	20000	1300	NNS	NNS	<8
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	12000	NNS	NNS	<8
Trichloroethene, Total, (ug/l)	78	NNS	20000	1300	NNS	NNS	<8
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	<8
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	15000	950	NNS	NNS	<8
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	41000	NNS	NNS	<8
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9200	NNS	NNS	<8
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	9800	NNS	NNS	<8
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	1100	NNS	NNS	<8
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000	3900	NNS	NNS	<8
trans-1,3- Dichloropropene, (ug/l)							<8
Benzene, Total, (ug/l)	120	470	11000	700	NNS	NNS	<8
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	NNS	NNS	NNS	<20
Bromoform, Total, (ug/l)	80	2800	15000	10000	NNS	NNS	<8
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	1100	NNS	NNS	<8
Chlorobenzene, Total, (ug/l)	500	2800	NNS	NNS	NNS	NNS	<8
Chloroethane, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<20

SR-49 - North Bank of Salt River at 67th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)	
Date of Sampling							04/12/1998
Chloroform, Total, (ug/l)	590	1400	14000	900	NNS	NNS	<8
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	1400	NNS	NNS	<8
Methylene Chloride, Total, (ug/l)	480	27000	97000	5500	NNS	NNS	<20
Toluene, Total, (ug/l)	90000	42000	8700	180	NNS	NNS	<8
Trichlorofluoromethane, Total, (ug/l)							<20
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	<20
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS	NNS	NNS	NNS	<20
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--
Acetone, Total, (ug/l)							<100
2-Butanone, (ug/l)							<40
Carbon Disulfide, Total, (ug/l)							<40
1,2 Dichloroethene, Total, (ug/l)							<8
Xylenes, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<8
2-Hexanone, Total, (ug/l)							<40
Styrene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<8
Acrolein, Total, (ug/l)	750	1300	34	30	NNS	NNS	<200
Acrylonitrile, Total, (ug/l)							<40
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	<20
Methyl Chloride, Total, (ug/l)	1800	2800	270000	15000	NNS	NNS	<20
Parachloro Toluene, Total, (ug/l)							--
Dibromoethane, Total, (ug/l)							--
Acenaphthene, Total, (ug/l)	2600	8400	850	550	NNS	NNS	<5.0
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	<5.0
Anthracene, Total, (ug/l)	6300	NNS	NNS	NNS	NNS	NNS	<5.0

SR-49 - North Bank of Salt River at 67th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)	
Date of Sampling							04/12/1998
Benzidine, Total, (ug/l)	0.0007	420	1300	89	NNS	NNS	<50
Benzoic Acid, Total, (ug/l)							<5.0
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS	NNS	NNS	NNS	<5.0
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	<5.0
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	<5.0
Benzyl Alcohol, Total, (ug/l)							<5.0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<5.0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	6700	NNS	NNS	<5.0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	NNS	NNS	NNS	<5.0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	360	NNS	NNS	7.7
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	14	NNS	NNS	<5.0
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	130	NNS	NNS	<5.0
2-Chloronaphthalene, Total, (ug/l)	13000	11000	NNS	NNS	NNS	NNS	<5.0
2-Chlorophenol, Total, (ug/l)	2100	700	2200	150	NNS	NNS	<5.0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<5.0
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	<5.0
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	<5.0
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	970	NNS	NNS	<5.0
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	780	NNS	NNS	<5.0
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	470	NNS	NNS	<5.0
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	<5.0
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	1600	NNS	NNS	<5.0

SR-49 - North Bank of Salt River at 67th Avenue

	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)	
Date of Sampling							04/12/1998
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	<5.0
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	<5.0
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	<5.0
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	<5.0
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	NNS	NNS	NNS	<5.0
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	8.2	NNS	NNS	<5.0
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	0.3	NNS	NNS	<5.0
Hexachloroethane, Total, (ug/l)	4.8	140	490	350	NNS	NNS	<5.0
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	<5.0
Naphthalene, Total, (ug/l)	NNS	560	3300	600	NNS	NNS	<5.0
Nitrobenzene, Total, (ug/l)	600	70	13000	850	NNS	NNS	<5.0
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	<5.0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	NNS	NNS	NNS	<5.0
Pentachlorophenol, Total, (ug/l)	29000	2000	I	I	NNS	NNS	<5.0
Phenanthrene, Total, (ug/l)	0.0005	NNS	54	6.3	NNS	NNS	<5.0
Phenol, Total, (ug/l)							<5.0
Pyrene, Total, (ug/l)	1100	4200	NNS	NNS	NNS	NNS	<5.0
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	NNS	NNS	NNS	NNS	<5.0

SR-49 - North Bank of Salt River at 67th Avenue	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)	
Date of Sampling							04/12/1998
2,4,5- Trichlorophenol, Total, (ug/l)							<5.0
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	25	NNS	NNS	<5.0
N-Nitrosodimethylamine, Total, (ug/l)	2.1	NNS	NNS	NNS	NNS	NNS	<5.0
1,2- Diphenylhydrazine, Total, (ug/l)	0.25	NNS	130	11	NNS	NNS	<5.0
Dichlorodifluoromethane, Total, (ug/l)							--
Parachloro-Meta-Cresol, Total, (ug/l)							--

IB-08

Indian Bend Wash at 40th Street

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							08/30/1997	12/07/1997
Representative Storm Event							N	N
Agency Collecting Sample							FCD	FCD
Agency Analyzing Sample							BOLIN	BOLIN
Drainage Area (acres) (DA)							609	609
Impervious Area (acres) (IA)							--	--
Land Use - Residential							475	475
Land Use - Commercial							134	134
Land Use - Industrial							0	0
Land Use - Undeveloped							0	0
Sampling Duration (minutes)							479	129
Storm Duration (minutes) (DRN)							67	243
Runoff Sampled (cubic feet) (RUN)							52,600	74,000
Total Storm Runoff (cubic feet)							70,000	350,000
Instantaneous Discharge (cfs)							5.66	46.4
Preceding Dry Period (days) (ANT)							26	5
Total Storm Rainfall (inch)							0.11	0.32
Rainfall Sampled (inch) (TRN)							0.11	0.13
Maximum 5-minute rain intensity (MAX5)							0.48	0.84
Sample Temperature (deg. C)							4	4
Effluent Temperature (deg. C)							NM	NM
Ambient Temperature (deg. C)							NM	NM
Barometric Pressure (mm Hg)							NM	NM
pH, Effluent (standard units)							NM	NM
pH, Lab (standard units)							7.3	7.6
Specific Conductance, FIELD (us/cm)							--	--
Specific Conductance, LAB (us/cm)							--	--

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							08/30/1997	12/07/1997
Oxygen Dissolved (% saturation)							--	--
Oxygen Dissolved (mg/l)							9.7	8.7
Electrical Conductivity (umhos/cm)							443	87
BOD5 (mg/l)							65	4
COD High Level (mg/l)							117	132
Chloride (mg/l as Cl)				9.7 T	84 T	19 T	30	<5.0
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T				<0.01	<0.01
Fecal Coliform (CFU/100mL)							>160,000	9,000
Fecal Streptococci (CFU/100mL)							9,000	16,000
Solids Residue at 180 Deg. C (TDS) (mg/l)							236	39
Residue, Total at 105 Deg. C (TSS) (mg/l)				NNS	NNS	NNS	1084	200
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS				0.1	0.6
TKN Nitrogen (mg/l as N)							2.76	1.67
Nitrogen, Ammonia + Organic, Total (mg/l as N)				NNS	NNS	NNS	2.76	1.67
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.1	0.6
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS				0.1	<0.1
Nitrogen Ammonia Total (mg/l as N)							1.35	0.8
Nitrogen Organic Total (mg/l as N)							1.41	0.87
Phosphorous Total (mg/l as P)							2.43	0.28
Phosphorous Dissolved (mg/l as P)							0.46	2
Phosphorous Ortho (mg/l as P)							--	0.13
Sulfate Dissolved (mg/l)				11 D	34 D	23 D	79	<5.0
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	1000	180000	26000	<0.010	<0.010
Phenols Total Recoverable (ug/l)	6500000	84000	7000				6.4	21
Oil and Grease Total Recoverable (mg/l)							113	<10.0
Organic Carbon, Total (mg/l)							64	10.1

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							08/30/1997	12/07/1997
Bicarbonate Whole Field (mg/l as HCO ₃)							--	--
Bicarbonate Dissolved, Field (mg/l as HCO ₃)							--	--
Carbonate Water Field (mg/l as Co ₃)							--	--
Carbonate Water Dissolved, Field, (mg/l as Co ₃)							--	--
Alkalinity Water Field Total (mg/l as CaCo ₃)							--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo ₃)							--	--
Alkalinity LAB (mg/l as CaCo ₃)							132	42
Silica Dissolved (mg/l as SiO ₂)							--	--
Hardness (mg/l)					NNS	NNS	--	70
Antimony (ug/l as Sb)	140	56		30	NNS	NNS	<5	<5
Antimony Dissolved (ug/l as Sb)			88				<4	<4
Arsenic Total (ug/l as As)	3.1	2800		190	440	230	<5	<5
Arsenic Dissolved (ug/l as As)			360	NNS			<5	<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
Beryllium Dissolved (ug/l as Be)			65				<2	<2
Cadmium Total Recoverable (ug/l as Cd)	83	70		D	D	D	<0.2	<1
Cadmium Dissolved (ug/l as Cd)			D				0.43	1.4
Calcium Dissolved (mg/l as Ca)							--	--
Chromium Total Recoverable (ug/l as Cr)							3.5	9.1
Chromium Dissolved (ug/l as Cr)							2.1	1.4
Cobalt Dissolved (ug/l as Co)							--	--
Copper, Total Recoverable, (ug/l as Cu)	NNS			F	F	F	30	13
Copper, Dissolved, (ug/l as Cu)	NNS	5200	F				17	6
Iron, Dissolved, (ug/l as Fe)							--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS		G	G	G	4	12

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							08/30/1997	12/07/1997
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	G				3.7	<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
Mercury, Dissolved, (ug/l as Hg)			2.4				<0.2	<0.2
Molybdenum, Dissolved, (ug/l as Mo)							--	--
Nickel, Total Recoverable, (ug/l as Ni)	400	2800		H	H	H	8.7	<10
Nickel, Dissolved, (ug/l as Ni)			H				5.8	<10
Potassium, Dissolved, (mg/l as K)				2.0	33	2.0	--	--
Selenium, Total, (ug/l as Se)	9000	420	20				<5	<5
Selenium, Dissolved, (ug/l as Se)	9000				NNS	NNS	<5	<5
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS		NNS	J	NNS	<50	<50
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	J				<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
Thallium, Dissolved, (ug/l as Tl)			700				<1	<1
Vanadium, Dissolved, (ug/l as V)							--	--
Zinc, Total Recoverable, (ug/l as Zn)		28000		K	K	K	64	80
Zinc, Dissolved, (ug/l as Zn)		28000	K				73	40
Diazinon, Total, (ug/l)							--	--
Ethion, Total, (ug/l)							--	--
Malathion, Total, (ug/l)							--	--
Methyl Parathion, Total, (ug/l)							--	--
Parathion, Total, (ug/l)							--	--

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							08/30/1997	12/07/1997
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	--	<0.5
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

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							08/30/1997	12/07/1997
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
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				<80	<4
1,1,1,2-Tetrachloroethane, Total, (ug/l)				680	15000	6000	--	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	1600	NNS	NNS	<80	<4
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	2600	12000	NNS	NNS	<80	<4
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	1300	NNS	NNS	<80	<4
Trichloroethene, Total, (ug/l)	78	NNS	20000	NNS	NNS	NNS	<80	<4
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	<80	<4
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	NNS	41000	NNS	NNS	<80	<4
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	9200	NNS	NNS	<80	<4
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9800	NNS	NNS	<80	<4
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	1100	NNS	NNS	<80	<4
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	3900	NNS	NNS	<80	<4
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000				<80	<4
trans-1,3- Dichloropropene, (ug/l)				180	NNS	NNS	<80	<4
Benzene, Total, (ug/l)	120	470	2700	NNS	NNS	NNS	<80	<4
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	10000	NNS	NNS	<80	<4
Bromoform, Total, (ug/l)	80	2800	15000	1100	NNS	NNS	<80	<4
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	620	NNS	NNS	<80	<4
Chlorobenzene, Total, (ug/l)	500	2800	9800	NNS	NNS	NNS	<80	<4
Chloroethane, (ug/l)	NNS	NNS	NNS	9800	NNS	NNS	<200	<10

IB-08 - North Bank of Indian Bend Wash at 40th									
	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)			
Date of Sampling							08/30/1997	12/07/1997	
Chloroform, Total, (ug/l)	590	1400	14000	1400	NNS	NNS	<80	<4	
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	5500	NNS	NNS	<80	<4	
Methylene Chloride, Total, (ug/l)	480	27000	97000	180	NNS	NNS	--	--	
Toluene, Total, (ug/l)	90000	42000	8700				<80	<4	
Trichlorofluoromethane, Total, (ug/l)				NNS	NNS	NNS	<80	<4	
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	<200	<10	
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS				<200	<4	
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--	--	
Acetone, Total, (ug/l)							--	<50	
2-Butanone, (ug/l)							--	<20	
Carbon Disulfide, Total, (ug/l)							--	<20	
1,2 Dichloroethene, Total, (ug/l)				NNS	NNS	NNS	<80	<4	
Xylenes, Total, (ug/l)	NNS	NNS	NNS				--	<4	
2-Hexanone, Total, (ug/l)				NNS	NNS	NNS	--	<20	
Styrene, Total, (ug/l)	NNS	NNS	NNS	30	NNS	NNS	--	<4	
Acrolein, Total, (ug/l)	750	1300	34				ND	<100	
Acrylonitrile, Total, (ug/l)							ND	<20	
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	
Methyl Chloride, Total, (ug/l)	1800	2800	270000				--	<10	
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	

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							08/30/1997	12/07/1997
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	--	<3
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-Chloronaphthalene, 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

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							08/30/1997	12/07/1997
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
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

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							08/30/1997	12/07/1997
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)							--	--

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							12/21/1997	01/10/1998
Representative Storm Event							N	N
Agency Collecting Sample							FCD	FCD
Agency Analyzing Sample							BOLIN	BOLIN
Drainage Area (acres) (DA)							609	609
Impervious Area (acres) (IA)							--	--
Land Use - Residential							475	475
Land Use - Commercial							134	134
Land Use - Industrial							0	0
Land Use - Undeveloped							0	0
Sampling Duration (minutes)							80	234
Storm Duration (minutes) (DRN)							UA	278
Runoff Sampled (cubic feet) (RUN)							83,250	105,300
Total Storm Runoff (cubic feet)							500,000	225,000
Instantaneous Discharge (cfs)							72.9	16.3
Preceding Dry Period (days) (ANT)							14	19
Total Storm Rainfall (inch)							0.78	0.29
Rainfall Sampled (inch) (TRN)							0.14	0.23
Maximum 5-minute rain intensity (MAX5)							1.44	0.48
Sample Temperature (deg. C)							4	4
Effluent Temperature (deg. C)							NM	NM
Ambient Temperature (deg. C)							NM	NM
Barometric Pressure (mm Hg)							NM	NM
pH, Effluent (standard units)							NM	NM
pH, Lab (standard units)							5.5	7.3
Specific Conductance, FIELD (us/cm)							--	--
Specific Conductance, LAB (us/cm)							--	--

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							12/21/1997	01/10/1998
Oxygen Dissolved (% saturation)							--	--
Oxygen Dissolved (mg/l)							7.8	9.6
Electrical Conductivity (umhos/cm)							200	256
BOD5 (mg/l)							18	20
COD High Level (mg/l)							600	57
Chloride (mg/l as Cl)				9.7 T	84 T	19 T	5	16
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T				0.03	<0.01
Fecal Coliform (CFU/100mL)							900	5,000
Fecal Streptococci (CFU/100mL)							240	2,400
Solids Residue at 180 Deg. C (TDS) (mg/l)							125	53
Residue, Total at 105 Deg. C (TSS) (mg/l)				NNS	NNS	NNS	550	202
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS				8.6	0.7
TKN Nitrogen (mg/l as N)							2.85	2.51
Nitrogen, Ammonia + Organic, Total (mg/l as N)				NNS	NNS	NNS	2.85	2.51
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	8.6	0.5
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS				<0.1	0.1
Nitrogen Ammonia Total (mg/l as N)							1.61	1.18
Nitrogen Organic Total (mg/l as N)							1.24	1.33
Phosphorous Total (mg/l as P)							0.25	0.5
Phosphorous Dissolved (mg/l as P)							0.69	0.55
Phosphorous Ortho (mg/l as P)							0.35	0.18
Sulfate Dissolved (mg/l)				11 D	34 D	23 D	14	36
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	1000	180000	26000	<0.010	<0.010
Phenols Total Recoverable (ug/l)	6500000	84000	7000				40	52
Oil and Grease Total Recoverable (mg/l)							20	--
Organic Carbon, Total (mg/l)							24	17

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							12/21/1997	01/10/1998
Bicarbonate Whole Field (mg/l as HCO ₃)							--	--
Bicarbonate Dissolved, Field (mg/l as HCO ₃)							--	--
Carbonate Water Field (mg/l as CO ₃)							--	--
Carbonate Water Dissolved, Field, (mg/l as CO ₃)							--	--
Alkalinity Water Field Total (mg/l as CaCO ₃)							--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCO ₃)							--	--
Alkalinity LAB (mg/l as CaCO ₃)							28	38
Silica Dissolved (mg/l as SiO ₂)							--	--
Hardness (mg/l)					NNS	NNS	77	82
Antimony (ug/l as Sb)	140	56		30	NNS	NNS	<5	<5
Antimony Dissolved (ug/l as Sb)			88				<4	<4
Arsenic Total (ug/l as As)	3.1	2800		190	440	230	6	<5
Arsenic Dissolved (ug/l as As)			360	NNS			<5	<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
Beryllium Dissolved (ug/l as Be)			65				<2	<2
Cadmium Total Recoverable (ug/l as Cd)	83	70		D	D	D	1.9	0.4
Cadmium Dissolved (ug/l as Cd)			D				0.45	0.28
Calcium Dissolved (mg/l as Ca)							--	--
Chromium Total Recoverable (ug/l as Cr)							26	6.9
Chromium Dissolved (ug/l as Cr)							5	1.7
Cobalt Dissolved (ug/l as Co)							--	--
Copper, Total Recoverable, (ug/l as Cu)	NNS			F	F	F	34	16
Copper, Dissolved, (ug/l as Cu)	NNS	5200	F				18	8
Iron, Dissolved, (ug/l as Fe)							--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS		G	G	G	28	13

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							12/21/1997	01/10/1998
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	G				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	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)			2.4				<0.2	<0.2
Molybdenum, Dissolved, (ug/l as Mo)							--	--
Nickel, Total Recoverable, (ug/l as Ni)	400	2800		H	H	H	26	<10
Nickel, Dissolved, (ug/l as Ni)			H				6	<10
Potassium, Dissolved, (mg/l as K)				2.0	33	2.0	--	--
Selenium, Total, (ug/l as Se)	9000	420	20				<5	<5
Selenium, Dissolved, (ug/l as Se)	9000				NNS	NNS	<5	<5
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS		NNS	J	NNS	<50	<50
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	J				<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
Thallium, Dissolved, (ug/l as Tl)			700				<1	<1
Vanadium, Dissolved, (ug/l as V)							--	--
Zinc, Total Recoverable, (ug/l as Zn)		28000	K	K	K	K	210	140
Zinc, Dissolved, (ug/l as Zn)		28000	K				140	140
Diazinon, Total, (ug/l)							--	--
Ethion, Total, (ug/l)							--	--
Malathion, Total, (ug/l)							--	--
Methyl Parathion, Total, (ug/l)							--	--
Parathion, Total, (ug/l)							--	--

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							12/21/1997	01/10/1998
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	<1.0	<1.0
BHC - ALPHA, (ug/l)	0.03	NNS	1600	0.28	11	0.9	<1.0	<1.0
BHC - Gamma (Lindane), (ug/l)	0.02	2500	3.4	130	1600	130	<1.0	<1.0
BHC - DELTA, (ug/l)	NNS	NNS	1600	0.01	11	2.5	<1.0	<1.0
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<1.0	<1.0
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<1.0	<1.0
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<1.0	<1.0
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<1.0	<1.0
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<1.0	<1.0
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<1.0	<1.0
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.21	3.2	0.45	<1.0	<1.0
Chlordane, Total, (ug/l)	0.001	110	2.4	0.02	1.1	0.02	<1.0	<1.0
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	1.1	0.03	<1.0	<1.0
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.001	1.1	0.006	<1.0	<1.0
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.002	4.0	0.9	<1.0	<1.0
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.06	3.0	1.5	<1.0	<1.0
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	3.0	1.5	<1.0	<1.0
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	3.0	1.5	<1.0	<1.0
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.08	0.7	0.3	<1.0	<1.0
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	0.7	0.3	<1.0	<1.0

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							12/21/1997	01/10/1998
Endrin, Total, (ug/l)	1.1	40	0.2	0.004	0.9	0.1	<1.0	<1.0
Heptachlor, Total, (ug/l)	0.002	20	0.52	0.004	0.9	0.1	<1.0	<1.0
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.52	0.02	11	1.5	<1.0	<1.0
Toxaphene, Total, (ug/l)	0.008	1000	0.73	NNS	NNS	NNS	<1.0	<1.0
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	130	1600	130	--	--
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	3200	NNS	NNS	<1.0	<1.0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700				<8	<40
1,1,1,2-Tetrachloroethane, Total, (ug/l)				680	15000	6000	--	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	1600	NNS	NNS	<8	<40
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	2600	12000	NNS	NNS	<8	<40
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	1300	NNS	NNS	<8	<40
Trichloroethene, Total, (ug/l)	78	NNS	20000	NNS	NNS	NNS	<8	<40
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	<8	<40
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	NNS	41000	NNS	NNS	<8	<40
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	9200	NNS	NNS	<8	<40
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9800	NNS	NNS	<8	<40
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	1100	NNS	NNS	<8	<40
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	3900	NNS	NNS	<8	<40
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000				<8	<40
trans-1,3- Dichloropropene, (ug/l)				180	NNS	NNS	<8	<40
Benzene, Total, (ug/l)	120	470	2700	NNS	NNS	NNS	<8	<40
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	10000	NNS	NNS	<8	<40
Bromoform, Total, (ug/l)	80	2800	15000	1100	NNS	NNS	<8	<40
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	620	NNS	NNS	<8	<40
Chlorobenzene, Total, (ug/l)	500	2800	9800	NNS	NNS	NNS	<8	<40
Chloroethane, (ug/l)	NNS	NNS	NNS	9800	NNS	NNS	<20	<100

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
							12/21/1997	01/10/1998
Date of Sampling								
Chloroform, Total, (ug/l)	590	1400	14000	1400	NNS	NNS	<8	<40
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	5500	NNS	NNS	<8	<40
Methylene Chloride, Total, (ug/l)	480	27000	97000	180	NNS	NNS	--	--
Toluene, Total, (ug/l)	90000	42000	8700				<8	<40
Trichlorofluoromethane, Total, (ug/l)				NNS	NNS	NNS	<8	<40
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	<20	<100
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS				<8	<40
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--	--
Acetone, Total, (ug/l)							<100	<500
2-Butanone, (ug/l)							<40	<200
Carbon Disulfide, Total, (ug/l)							<40	<200
1,2 Dichloroethene, Total, (ug/l)				NNS	NNS	NNS	<8	<40
Xylenes, Total, (ug/l)	NNS	NNS	NNS				<8	<40
2-Hexanone, Total, (ug/l)				NNS	NNS	NNS	<40	<200
Styrene, Total, (ug/l)	NNS	NNS	NNS	30	NNS	NNS	<8	<40
Acrolein, Total, (ug/l)	750	1300	34				<200	<1000
Acrylonitrile, Total, (ug/l)							<40	<200
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	<20	<100
Methyl Chloride, Total, (ug/l)	1800	2800	270000				<20	<100
Parachloro Toluene, Total, (ug/l)							--	--
Dibromoethane, Total, (ug/l)				550	NNS	NNS	--	--
Acenaphthene, Total, (ug/l)	2600	8400	850	NNS	NNS	NNS	<3	<3
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	<3	<3
Anthracene, Total, (ug/l)	6300	NNS	NNS	89	10000	640	<3	<3

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							12/21/1997	01/10/1998
Benzidine, Total, (ug/l)	0.0007	420	1300				<3	<3
Benzoic Acid, Total, (ug/l)				NNS	NNS	NNS	<5	<5
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS				8.9	<3
Benzo (b) Fluoranthene, Total, (ug/l)				NNS	NNS	NNS	37	<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	<3
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS				18	<3
Benzyl Alcohol, Total, (ug/l)				NNS	NNS	NNS	<3	<3
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	6700	NNS	NNS	<3	<3
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	NNS	NNS	NNS	<3	<3
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	360	3100	360	<3	<3
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	14	NNS	NNS	97	39
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	130	NNS	NNS	<3	<3
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	NNS	NNS	NNS	10	<5
2-Chloronaphthalene, Total, (ug/l)	13000	11000	NNS	150	NNS	NNS	<3	<3
2-Chlorophenol, Total, (ug/l)	2100	700	2200	NNS	NNS	NNS	<3	<3
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<3	<3
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	11	<3
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	35	1100	84	<5	<5
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	970	NNS	NNS	5.7	<3
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	780	6500	2500	<3	<3
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	470	5900	2300	<3	<3
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	NNS	NNS	NNS	<3	<3
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	880	NNS	NNS	<5	<5
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	1600	NNS	NNS	<3	<3
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	310	150000	43000	<3	<3

IB-08 - North Bank of Indian Bend Wash at 40th							
	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)	
Date of Sampling							12/21/1997 01/10/1998
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1000	1000	NNS	NNS	<5 <5
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	24	NNS	NNS	<3 <3
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	9.2	NNS	NNS	<5 <5
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	970	NNS	NNS	<10 <10
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	NNS	NNS	NNS	<5 <5
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<5 <5
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	1600	NNS	NNS	12 <3
Fluoranthene, Total, (ug/l)	130	5600	2000	NNS	NNS	NNS	15 <3
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	<3 <3
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	8.2	NNS	NNS	<3 <3
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	0.3	NNS	NNS	<3 <3
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	350	850	610	<10 <10
Hexachloroethane, Total, (ug/l)	4.8	140	490	NNS	NNS	NNS	<3 <3
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	43000	NNS	NNS	<5 <5
Isophorone, Total, (ug/l)	520	28000	59000	600	NNS	NNS	<3 <3
Naphthalene, Total, (ug/l)	NNS	560	3300	850	NNS	NNS	<3 <3
Nitrobenzene, Total, (ug/l)	600	70	13000	NNS	NNS	NNS	<3 <3
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	3000	NNS	NNS	<5 <5
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	200	NNS	NNS	<5 <5
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	NNS	NNS	NNS	<3 <3
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	I	I	I	<3 <3
Pentachlorophenol, Total, (ug/l)	29000	2000	I	6.3	NNS	NNS	<5 <5
Phenanthrene, Total, (ug/l)	0.0005	NNS	30				<3 <3
Phenol, Total, (ug/l)				NNS	NNS	NNS	<3 <3
Pyrene, Total, (ug/l)	1100	4200	NNS	300	NNS	NNS	9.1 <3
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	1700				<3 <3

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							12/21/1997	01/10/1998
2,4,5- Trichlorophenol, Total, (ug/l)				25	3000	460	<3	<3
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	NNS	NNS	NNS	<3	<3
N-Nitrosodimethylamine, Total, (ug/l)	2.1	NNS	NNS	11	NNS	NNS	<3	<3
1,2- Diphenylhydrazine, Total, (ug/l)	0.25	NNS	130				--	--
Dichlorodifluoromethane, Total, (ug/l)							--	--
Parachloro-Meta-Cresol, Total, (ug/l)							--	--

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							02/04/1998	02/15/1998
Representative Storm Event							N	N
Agency Collecting Sample							FCD	FCD
Agency Analyzing Sample							BOLIN	BOLIN
Drainage Area (acres) (DA)							609	609
Impervious Area (acres) (IA)							--	--
Land Use - Residential							475	475
Land Use - Commercial							134	134
Land Use - Industrial							0	0
Land Use - Undeveloped							0	0
Sampling Duration (minutes)							201	166
Storm Duration (minutes) (DRN)							625	244
Runoff Sampled (cubic feet) (RUN)							105,400	105,100
Total Storm Runoff (cubic feet)							1,750,000	1,300,000
Instantaneous Discharge (cfs)							81.0	167.0
Preceding Dry Period (days) (ANT)							25	5
Total Storm Rainfall (inch)							1.13	0.75
Rainfall Sampled (inch) (TRN)							0.27	0.36
Maximum 5-minute rain intensity (MAX5)							0.6	0.48
Sample Temperature (deg. C)							4	4
Effluent Temperature (deg. C)							9.5	47.3F
Ambient Temperature (deg. C)							NM	NM
Barometric Pressure (mm Hg)							NM	NM
pH, Effluent (standard units)							9.1	NM
pH, Lab (standard units)							8.1	6.9
Specific Conductance, FIELD (us/cm)							--	--
Specific Conductance, LAB (us/cm)							--	--

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							02/04/1998	02/15/1998
Oxygen Dissolved (% saturation)							--	--
Oxygen Dissolved (mg/l)							9.6	9.6
Electrical Conductivity (umhos/cm)							209	77
BOD5 (mg/l)							64	20
COD High Level (mg/l)							301	<20
Chloride (mg/l as Cl)				9.7 T	84 T	19 T	12	<5.0
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T				<0.01	<0.1
Fecal Coliform (CFU/100mL)							140	300
Fecal Streptococci (CFU/100mL)							9,000	3,000
Solids Residue at 180 Deg. C (TDS) (mg/l)							145	56
Residue, Total at 105 Deg. C (TSS) (mg/l)				NNS	NNS	NNS	986	158
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS				0.62	1
TKN Nitrogen (mg/l as N)							4	<1.5
Nitrogen, Ammonia + Organic, Total (mg/l as N)				NNS	NNS	NNS	4	<1.5
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.62	1
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS				<0.1	<0.1
Nitrogen Ammonia Total (mg/l as N)							2.23	<1.5
Nitrogen Organic Total (mg/l as N)							1.77	<0.5
Phosphorous Total (mg/l as P)							0.9	0.57
Phosphorous Dissolved (mg/l as P)							0.44	0.1
Phosphorous Ortho (mg/l as P)							0.37	0.14
Sulfate Dissolved (mg/l)				11 D	34 D	23 D	25	<5.0
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	1000	180000	26000	<0.010	<0.010
Phenols Total Recoverable (ug/l)	6500000	84000	7000				116	34
Oil and Grease Total Recoverable (mg/l)							<10.0	<10.0
Organic Carbon, Total (mg/l)							36	18

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							02/04/1998	02/15/1998
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)							152	26
Silica Dissolved (mg/l as SiO2)							--	--
Hardness (mg/l)					NNS	NNS	149	35
Antimony (ug/l as Sb)	140	56		30	NNS	NNS	<5	<5
Antimony Dissolved (ug/l as Sb)			88				<4	<4
Arsenic Total (ug/l as As)	3.1	2800		190	440	230	11	<5
Arsenic Dissolved (ug/l as As)			360	NNS			<5	<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
Beryllium Dissolved (ug/l as Be)			65				<2	<2
Cadmium Total Recoverable (ug/l as Cd)	83	70		D	D	D	0.57	0.29
Cadmium Dissolved (ug/l as Cd)			D				<0.2	<0.2
Calcium Dissolved (mg/l as Ca)							--	--
Chromium Total Recoverable (ug/l as Cr)							30	6.3
Chromium Dissolved (ug/l as Cr)							2.1	<1.4
Cobalt Dissolved (ug/l as Co)							--	--
Copper, Total Recoverable, (ug/l as Cu)	NNS			F	F	F	55	14
Copper, Dissolved, (ug/l as Cu)	NNS	5200	F				55	7
Iron, Dissolved, (ug/l as Fe)							--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS		G	G	G	48	20

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							02/04/1998	02/15/1998
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	G				<5	<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	0.4
Mercury, Dissolved, (ug/l as Hg)			2.4				0.5	0.3
Molybdenum, Dissolved, (ug/l as Mo)							--	--
Nickel, Total Recoverable, (ug/l as Ni)	400	2800		H	H	H	26	4.6
Nickel, Dissolved, (ug/l as Ni)			H				5	2.4
Potassium, Dissolved, (mg/l as K)				2.0	33	2.0	--	--
Selenium, Total, (ug/l as Se)	9000	420	20				<5	<5
Selenium, Dissolved, (ug/l as Se)	9000				NNS	NNS	<5	<5
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS		NNS	J	NNS	<50	<50
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	J				<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
Thallium, Dissolved, (ug/l as Tl)			700				<1	<1
Vanadium, Dissolved, (ug/l as V)							--	--
Zinc, Total Recoverable, (ug/l as Zn)		28000		K	K	K	270	80
Zinc, Dissolved, (ug/l as Zn)		28000	K				130	20
Diazinon, Total, (ug/l)							--	--
Ethion, Total, (ug/l)							--	--
Malathion, Total, (ug/l)							--	--
Methyl Parathion, Total, (ug/l)							--	--
Parathion, Total, (ug/l)							--	--

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							02/04/1998	02/15/1998
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	<1.0	<1.0
BHC - ALPHA, (ug/l)	0.03	NNS	1600	0.28	11	0.9	<1.0	<1.0
BHC - Gamma (Lindane), (ug/l)	0.02	2500	3.4	130	1600	130	<1.0	<1.0
BHC - DELTA, (ug/l)	NNS	NNS	1600	0.01	11	2.5	<1.0	<1.0
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<1.0	<1.0
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<1.0	<1.0
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<1.0	<1.0
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<1.0	<1.0
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<1.0	<1.0
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	<1.0	<1.0
Aroclor 1260, PCB, Total, (ug/L)	0.00009	NNS	2.0	0.21	3.2	0.45	<1.0	<1.0
Chlordane, Total, (ug/l)	0.001	110	2.4	0.02	1.1	0.02	<1.0	<1.0
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	1.1	0.03	<1.0	<1.0
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.001	1.1	0.006	<1.0	<1.0
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.002	4.0	0.9	<1.0	<1.0
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.06	3.0	1.5	<1.0	<1.0
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	3.0	1.5	<1.0	<1.0
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	3.0	1.5	<1.0	<1.0
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.08	0.7	0.3	<1.0	<1.0
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	0.7	0.3	<1.0	<1.0

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							02/04/1998	02/15/1998
Endrin, Total, (ug/l)	1.1	40	0.2	0.004	0.9	0.1	<1.0	<1.0
Heptachlor, Total, (ug/l)	0.002	20	0.52	0.004	0.9	0.1	<1.0	<1.0
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.52	0.02	11	1.5	<1.0	<1.0
Toxaphene, Total, (ug/l)	0.008	1000	0.73	NNS	NNS	NNS	<1.0	<1.0
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	130	1600	130	--	--
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	3200	NNS	NNS	<1.0	<1.0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700				<40	<40
1,1,1,2-Tetrachloroethane, Total, (ug/l)				680	15000	6000	--	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	1600	NNS	NNS	<40	<40
1,1,1-Trichloroethane, Total, (ug/l)	160000	13000	2600	12000	NNS	NNS	<40	<40
1,1,2-Trichloroethane, Total, (ug/l)	31	560	18000	1300	NNS	NNS	<40	<40
Trichloroethene, Total, (ug/l)	78	NNS	20000	NNS	NNS	NNS	<40	<40
1,1-Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	<40	<40
1,1-Dichloroethene, Total, (ug/l)	4.5	1300	NNS	41000	NNS	NNS	<40	<40
1,2-Dichloroethane, Total, (ug/l)	120	10000	59000	9200	NNS	NNS	<40	<40
1,2-Dichloropropane, Total, (ug/l)	NNS	200	26000	9800	NNS	NNS	<40	<40
2-Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	1100	NNS	NNS	<40	<40
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	3900	NNS	NNS	<40	<40
trans-1,2-Dichloroethene, (ug/l)	13000	2800	68000				<40	<40
trans-1,3-Dichloropropene, (ug/l)				180	NNS	NNS	<40	<40
Benzene, Total, (ug/l)	120	470	2700	NNS	NNS	NNS	<40	<40
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	10000	NNS	NNS	<40	<40
Bromoform, Total, (ug/l)	80	2800	15000	1100	NNS	NNS	<40	<40
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	620	NNS	NNS	<40	<40
Chlorobenzene, Total, (ug/l)	500	2800	9800	NNS	NNS	NNS	<40	<40
Chloroethane, (ug/l)	NNS	NNS	NNS	9800	NNS	NNS	<100	<100

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							02/04/1998	02/15/1998
Chloroform, Total, (ug/l)	590	1400	14000	1400	NNS	NNS	<40	<40
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	5500	NNS	NNS	<40	<40
Methylene Chloride, Total, (ug/l)	480	27000	97000	180	NNS	NNS	--	--
Toluene, Total, (ug/l)	90000	42000	8700				<40	<40
Trichlorofluoromethane, Total, (ug/l)				NNS	NNS	NNS	<40	<40
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	<100	<100
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS				<40	<40
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--	--
Acetone, Total, (ug/l)							<500	<500
2-Butanone, (ug/l)							<200	<200
Carbon Disulfide, Total, (ug/l)							<200	<200
1,2 Dichloroethene, Total, (ug/l)				NNS	NNS	NNS	<40	<40
Xylenes, Total, (ug/l)	NNS	NNS	NNS				<40	<40
2-Hexanone, Total, (ug/l)				NNS	NNS	NNS	<200	<200
Styrene, Total, (ug/l)	NNS	NNS	NNS	30	NNS	NNS	<40	<40
Acrolein, Total, (ug/l)	750	1300	34				<1000	<1000
Acrylonitrile, Total, (ug/l)							<200	<200
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	<100	<100
Methyl Chloride, Total, (ug/l)	1800	2800	270000				<100	<100
Parachloro Toluene, Total, (ug/l)							--	--
Dibromoethane, Total, (ug/l)				550	NNS	NNS	--	--
Acenaphthene, Total, (ug/l)	2600	8400	850	NNS	NNS	NNS	<10	--
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	<10	--
Anthracene, Total, (ug/l)	6300	NNS	NNS	89	10000	640	<10	--

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							02/04/1998	02/15/1998
Benidine, Total, (ug/l)	0.0007	420	1300				<100	--
Benzoic Acid, Total, (ug/l)				NNS	NNS	NNS	<10	--
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS				<10	--
Benzo (b) Fluoranthene, Total, (ug/l)				NNS	NNS	NNS	<10	--
Benzo (k) Fluoranthene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	<10	--
Benzo (ghi) Perylene, Total, (ug/l)	0.00001	NNS	NNS	NNS	NNS	NNS	<10	--
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS				<10	--
Benzyl Alcohol, Total, (ug/l)				NNS	NNS	NNS	<10	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	6700	NNS	NNS	<10	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	NNS	NNS	NNS	<10	--
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	19	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	130	NNS	NNS	<10	--
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	NNS	NNS	NNS	<20	--
2-Chloronaphthalene, Total, (ug/l)	13000	11000	NNS	150	NNS	NNS	<10	--
2-Chlorophenol, Total, (ug/l)	2100	700	2200	NNS	NNS	NNS	<10	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<10	--
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	<10	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	35	1100	84	<10	--
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	970	NNS	NNS	<10	--
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	780	6500	2500	<10	--
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	470	5900	2300	<10	--
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	NNS	NNS	NNS	<10	--
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	880	NNS	NNS	<10	--
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	1600	NNS	NNS	<10	--
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	310	150000	43000	<10	--

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							02/04/1998	02/15/1998
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1000	1000	NNS	NNS	<10	--
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	24	NNS	NNS	<10	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	9.2	NNS	NNS	<10	--
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	<10	--
2,6- Dinitrotoluene, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	<10	--
Di-N-Octyl-Phthalate, Total, (ug/l)	NNS	NNS	NNS	1600	NNS	NNS	<10	--
Fluoranthene, Total, (ug/l)	130	5600	2000	NNS	NNS	NNS	<10	--
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	<10	--
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	8.2	NNS	NNS	<10	--
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	0.3	NNS	NNS	<10	--
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	350	850	610	<10	--
Hexachloroethane, Total, (ug/l)	4.8	140	490	NNS	NNS	NNS	<10	--
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	43000	NNS	NNS	<10	--
Isophorone, Total, (ug/l)	520	28000	59000	600	NNS	NNS	<10	--
Naphthalene, Total, (ug/l)	NNS	560	3300	850	NNS	NNS	<10	--
Nitrobenzene, Total, (ug/l)	600	70	13000	NNS	NNS	NNS	<10	--
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	3000	NNS	NNS	<10	--
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	200	NNS	NNS	<10	--
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	NNS	NNS	NNS	<10	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	I	I	I	<10	--
Pentachlorophenol, Total, (ug/l)	29000	2000	I	6.3	NNS	NNS	<10	--
Phenanthrene, Total, (ug/l)	0.0005	NNS	30				<10	--
Phenol, Total, (ug/l)				NNS	NNS	NNS	<10	--
Pyrene, Total, (ug/l)	1100	4200	NNS	300	NNS	NNS	<10	--
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	1700				<10	--

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							02/04/1998	02/15/1998
2,4,5- Trichlorophenol, Total, (ug/l)				25	3000	460	<10	--
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	NNS	NNS	NNS	<10	--
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 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							03/26/1998	04/01/1998
Representative Storm Event							N	N
Agency Collecting Sample							FCD	FCD
Agency Analyzing Sample							BOLIN	BOLIN
Drainage Area (acres) (DA)							609	609
Impervious Area (acres) (IA)							--	--
Land Use - Residential							475	475
Land Use - Commercial							134	134
Land Use - Industrial							0	0
Land Use - Undeveloped							0	0
Sampling Duration (minutes)							143	78
Storm Duration (minutes) (DRN)							260	106
Runoff Sampled (cubic feet) (RUN)							306,000	106,500
Total Storm Runoff (cubic feet)							1,125,000	350,000
Instantaneous Discharge (cfs)							65.5	43.6
Preceding Dry Period (days) (ANT)							30	6
Total Storm Rainfall (inch)							0.58	0.24
Rainfall Sampled (inch) (TRN)							0.52	0.21
Maximum 5-minute rain intensity (MAX5)							0.84	0.96
Sample Temperature (deg. C)							4	4
Effluent Temperature (deg. C)							55	NM
Ambient Temperature (deg. C)							NM	NM
Barometric Pressure (mm Hg)							NM	NM
pH, Effluent (standard units)							8.5	NM
pH, Lab (standard units)							7.4	7.1
Specific Conductance, FIELD (us/cm)							--	--
Specific Conductance, LAB (us/cm)							--	--

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							03/26/1998	04/01/1998
Oxygen Dissolved (% saturation)							--	--
Oxygen Dissolved (mg/l)							7.2	8.8
Electrical Conductivity (umhos/cm)							--	--
BOD5 (mg/l)							61	36
COD High Level (mg/l)							254	100
Chloride (mg/l as Cl)				9.7 T	84 T	19 T	28	5
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T				--	<0.01
Fecal Coliform (CFU/100mL)							900	140
Fecal Streptococci (CFU/100mL)							9,000	5,000
Solids Residue at 180 Deg. C (TDS) (mg/l)							228	52
Residue, Total at 105 Deg. C (TSS) (mg/l)				NNS	NNS	NNS	--	122
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS				0.9	0.8
TKN Nitrogen (mg/l as N)							1.7	0.8
Nitrogen, Ammonia + Organic, Total (mg/l as N)				NNS	NNS	NNS	--	1.1
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.9	0.8
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS				<0.1	<0.1
Nitrogen Ammonia Total (mg/l as N)							--	1.1
Nitrogen Organic Total (mg/l as N)							--	<0.5
Phosphorous Total (mg/l as P)							1.3	1.8
Phosphorous Dissolved (mg/l as P)							0.6	0.1
Phosphorous Ortho (mg/l as P)							0.2	0.2
Sulfate Dissolved (mg/l)				11 D	34 D	23 D	69	8
Hexavalent Chromium Total (mg/l)	3400 T	700 T	16 D	1000	180000	26000	<0.010	<0.010
Phenols Total Recoverable (ug/l)	6500000	84000	7000				--	<5
Oil and Grease Total Recoverable (mg/l)							<10.0	<10.0
Organic Carbon, Total (mg/l)							--	12

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							03/26/1998	04/01/1998
Bicarbonate Whole Field (mg/l as HCO ₃)							--	--
Bicarbonate Dissolved, Field (mg/l as HCO ₃)							--	--
Carbonate Water Field (mg/l as Co ₃)							--	--
Carbonate Water Dissolved, Field, (mg/l as Co ₃)							--	--
Alkalinity Water Field Total (mg/l as CaCo ₃)							--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo ₃)							--	--
Alkalinity LAB (mg/l as CaCo ₃)							52	24
Silica Dissolved (mg/l as SiO ₂)							--	--
Hardness (mg/l)					NNS	NNS	161	56
Antimony (ug/l as Sb)	140	56		30	NNS	NNS	<5	<5
Antimony Dissolved (ug/l as Sb)			88				<4	<4
Arsenic Total (ug/l as As)	3.1	2800		190	440	230	<5	<5
Arsenic Dissolved (ug/l as As)			360	NNS			<5	<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
Beryllium Dissolved (ug/l as Be)			65				<2	<2
Cadmium Total Recoverable (ug/l as Cd)	83	70		D	D	D	0.61	0.84
Cadmium Dissolved (ug/l as Cd)			D				<0.2	<0.2
Calcium Dissolved (mg/l as Ca)							--	--
Chromium Total Recoverable (ug/l as Cr)							18	11
Chromium Dissolved (ug/l as Cr)							1.6	3
Cobalt Dissolved (ug/l as Co)							--	--
Copper, Total Recoverable, (ug/l as Cu)	NNS			F	F	F	40	<15
Copper, Dissolved, (ug/l as Cu)	NNS	5200	F				<15	<15
Iron, Dissolved, (ug/l as Fe)							--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS	NNS		G	G	G	24	15

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							03/26/1998	04/01/1998
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	G				<5	<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
Mercury, Dissolved, (ug/l as Hg)			2.4				<0.2	<0.2
Molybdenum, Dissolved, (ug/l as Mo)							--	--
Nickel, Total Recoverable, (ug/l as Ni)	400	2800		H	H	H	12	17
Nickel, Dissolved, (ug/l as Ni)			H				2.1	<2
Potassium, Dissolved, (mg/l as K)				2.0	33	2.0	--	--
Selenium, Total, (ug/l as Se)	9000	420	20				<5	<5
Selenium, Dissolved, (ug/l as Se)	9000				NNS	NNS	<5	<5
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS		NNS	J	NNS	<50	<50
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	J				<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
Thallium, Dissolved, (ug/l as Tl)			700				<1	<1
Vanadium, Dissolved, (ug/l as V)							--	--
Zinc, Total Recoverable, (ug/l as Zn)		28000	K	K	K	K	200	140
Zinc, Dissolved, (ug/l as Zn)		28000	K				20	20
Diazinon, Total, (ug/l)							--	--
Ethion, Total, (ug/l)							--	--
Malathion, Total, (ug/l)							--	--
Methyl Parathion, Total, (ug/l)							--	--
Parathion, Total, (ug/l)							--	--

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							03/26/1998	04/01/1998
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	--	<1.0
BHC - ALPHA, (ug/l)	0.03	NNS	1600	0.28	11	0.9	--	<1.0
BHC - Gamma (Lindane), (ug/l)	0.02	2500	3.4	130	1600	130	--	<1.0
BHC - DELTA, (ug/l)	NNS	NNS	1600	0.01	11	2.5	--	<1.0
Aroclor 1016, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	--	<1.0
Aroclor 1221, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	--	<1.0
Aroclor 1232, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	--	<1.0
Aroclor 1242, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	--	<1.0
Aroclor 1248, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	--	<1.0
Aroclor 1254, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.01	11	2.5	--	<1.0
Aroclor 1260, PCB, Total, (ug/l)	0.00009	NNS	2.0	0.21	3.2	0.45	--	<1.0
Chlordane, Total, (ug/l)	0.001	110	2.4	0.02	1.1	0.02	--	<1.0
P,P' DDD, Total, (ug/l)	0.0009	NNS	1.1	0.02	1.1	0.03	--	<1.0
P,P' DDE, Total, (ug/l)	0.0006	NNS	1.1	0.001	1.1	0.006	--	<1.0
P, P' DDT, Total, (ug/l)	0.0005	700	1.1	0.002	4.0	0.9	--	<1.0
Dieldrin, Total, (ug/l)	0.002	7	2.5	0.06	3.0	1.5	--	<1.0
Endo-Sulfan Alpha, Total, (ug/l)	0.92	NNS	0.22	0.06	3.0	1.5	--	<1.0
Endo-Sulfan Beta, Total, (ug/l)	0.92	NNS	0.22	0.06	3.0	1.5	--	<1.0
Endo-Sulfan Sulfate, Total, (ug/l)	0.78	NNS	0.22	0.08	0.7	0.3	--	<1.0
Endrin Aldehyde, Total, (ug/l)	0.81	NNS	0.2	0.08	0.7	0.3	--	<1.0

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							03/26/1998	04/01/1998
Endrin, Total, (ug/l)	1.1	40	0.2	0.004	0.9	0.1	--	<1.0
Heptachlor, Total, (ug/l)	0.002	20	0.52	0.004	0.9	0.1	--	<1.0
Heptachlor Epoxide, Total, (ug/l)	0.0001	2	0.52	0.02	11	1.5	--	<1.0
Toxaphene, Total, (ug/l)	0.008	1000	0.73	NNS	NNS	NNS	--	<1.0
Methoxychlor, Total, (ug/l)	NNS	NNS	NNS	130	1600	130	--	--
Beta Benzene Hexachloride, Total, (ug/l)	0.02	NNS	1600	3200	NNS	NNS	--	<1.0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	11	450	4700				<40	<40
1,1,1,2-Tetrachloroethane, Total, (ug/l)				680	15000	6000	--	--
Tetrachloroethene, PCE, Total, (ug/l)	11	4000	6500	1600	NNS	NNS	<40	<40
1,1,1- Trichloroethane, Total, (ug/l)	160000	13000	2600	12000	NNS	NNS	<40	<40
1,1,2- Trichloroethane, Total, (ug/l)	31	560	18000	1300	NNS	NNS	<40	<40
Trichloroethene, Total, (ug/l)	78	NNS	20000	NNS	NNS	NNS	<40	<40
1,1- Dichloroethane, Total, (ug/l)	NNS	14000	NNS	NNS	NNS	NNS	<40	<40
1,1- Dichloroethene, Total, (ug/l)	4.5	1300	NNS	41000	NNS	NNS	<40	<40
1,2- Dichloroethane, Total, (ug/l)	120	10000	59000	9200	NNS	NNS	<40	<40
1,2- Dichloropropane, Total, (ug/l)	NNS	200	26000	9800	NNS	NNS	<40	<40
2- Chloroethylvinyl Ether, Total, (ug/l)	NNS	NNS	180000	1100	NNS	NNS	<40	<40
cis-1,3-Dichloropropene, (ug/l)	360	60	3000	3900	NNS	NNS	<40	<40
trans-1,2- Dichloroethene, (ug/l)	13000	2800	68000				<40	<40
trans-1,3- Dichloropropene, (ug/l)				180	NNS	NNS	<40	<40
Benzene, Total, (ug/l)	120	470	2700	NNS	NNS	NNS	<40	<40
Bromodichloromethane, Total, (ug/l)	10	2800	NNS	10000	NNS	NNS	<40	<40
Bromoform, Total, (ug/l)	80	2800	15000	1100	NNS	NNS	<40	<40
Carbon Tetrachloride, Total, (ug/l)	5.5	8000	18000	620	NNS	NNS	<40	<40
Chlorobenzene, Total, (ug/l)	500	2800	9800	NNS	NNS	NNS	<40	<40
Chloroethane, (ug/l)	NNS	NNS	NNS	9800	NNS	NNS	<100	<100

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							03/26/1998	04/01/1998
Chloroform, Total, (ug/l)	590	1400	14000	1400	NNS	NNS	<40	<40
Ethyl-Benzene, Total, (ug/l)	110000	64000	23000	5500	NNS	NNS	<40	<40
Methylene Chloride, Total, (ug/l)	480	27000	97000	180	NNS	NNS	--	--
Toluene, Total, (ug/l)	90000	42000	8700				<40	<40
Trichlorofluoromethane, Total, (ug/l)				NNS	NNS	NNS	<40	<40
Vinyl Chloride, Total, (ug/l)	620	NNS	NNS	NNS	NNS	NNS	<100	<100
Chlorodibromomethane, Total, (ug/l)	12	2800	NNS				<40	<40
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)							--	--
Acetone, Total, (ug/l)							<500	<500
2-Butanone, (ug/l)							<200	<200
Carbon Disulfide, Total, (ug/l)							<200	<200
1,2 Dichloroethene, Total, (ug/l)				NNS	NNS	NNS	<40	<40
Xylenes, Total, (ug/l)	NNS	NNS	NNS				<40	<40
2-Hexanone, Total, (ug/l)				NNS	NNS	NNS	<200	<200
Styrene, Total, (ug/l)	NNS	NNS	NNS	30	NNS	NNS	<40	<40
Acrolein, Total, (ug/l)	750	1300	34				<1000	<1000
Acrylonitrile, Total, (ug/l)							<200	<200
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	<100	<100
Methyl Chloride, Total, (ug/l)	1800	2800	270000				<100	<100
Parachloro Toluene, Total, (ug/l)							--	--
Dibromoethane, Total, (ug/l)				550	NNS	NNS	--	--
Acenaphthene, Total, (ug/l)	2600	8400	850	NNS	NNS	NNS	--	<5.0
Acenaphthylene, Total, (ug/l)	0.002	NNS	NNS	NNS	NNS	NNS	--	<5.0
Anthracene, Total, (ug/l)	6300	NNS	NNS	89	10000	640	--	<5.0

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							03/26/1998	04/01/1998
Benidine, Total, (ug/l)	0.0007	420	1300				--	<50
Benzoic Acid, Total, (ug/l)				NNS	NNS	NNS	--	12
Benzo (a) Anthracene, Total, (ug/l)	0.00008	NNS	NNS				--	8.1
Benzo (b) Fluoranthene, Total, (ug/l)				NNS	NNS	NNS	--	<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	--	<5.0
Benzo (a) Pyrene, Total, (ug/l)	0.002	NNS	NNS				--	<5.0
Benzyl Alcohol, Total, (ug/l)				NNS	NNS	NNS	--	9.1
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	NNS	NNS	NNS	6700	NNS	NNS	--	<5.0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	1.4	NNS	120000	NNS	NNS	NNS	--	<5.0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	15000	5600	NNS	360	3100	360	--	<5.0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	7.4	280000	400	14	NNS	NNS	--	23
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	180	130	NNS	NNS	--	<5.0
Butyl Benzyl Phthalate, Total, (ug/l)	5000	28000	1700	NNS	NNS	NNS	--	8.1
2-Chloronaphthalene, Total, (ug/l)	13000	11000	NNS	150	NNS	NNS	--	<5.0
2-Chlorophenol, Total, (ug/l)	2100	700	2200	NNS	NNS	NNS	--	<5.0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	NNS	NNS	NNS	NNS	NNS	NNS	--	<5.0
Chrysene, Total, (ug/l)	0.0001	NNS	NNS	NNS	NNS	NNS	--	11
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0.00003	NNS	NNS	35	1100	84	--	<5.0
Di-N-Butyl Phthalate, Total, (ug/l)	2300	14000	470	970	NNS	NNS	--	11
1,3- Dichlorobenzene, Total, (ug/l)	1200	13000	2500	780	6500	2500	--	<5.0
1,4- Dichlorobenzene, Total, (ug/l)	1200	13000	2000	470	5900	2300	--	<5.0
1,2- Dichlorobenzene, Total, (ug/l)	2800	13000	1200	NNS	NNS	NNS	--	<5.0
3,3'- Dichlorobenzidine, Total, (ug/l)	0.09	NNS	NNS	880	NNS	NNS	--	<5.0
2,4- Dichlorophenol, Total, (ug/l)	810	420	1000	1600	NNS	NNS	--	<5.0
Diethyl Phthalate, Total, (ug/l)	110000	110000	26000	310	150000	43000	--	8.3

IB-08 - North Bank of Indian Bend Wash at 40th	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)		
Date of Sampling							03/26/1998	04/01/1998
2,4- Dimethylphenol, Total, (ug/l)	2200	NNS	1000	1000	NNS	NNS	--	<5.0
Dimethyl Phthalate, Total, (ug/l)	2800000	NNS	17000	24	NNS	NNS	--	<5.0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	120	NNS	310	9.2	NNS	NNS	--	<5.0
2,4- Dinitrophenol, Total, (ug/l)	5400	280	110	970	NNS	NNS	--	<5.0
2,4- Dinitrotoluene, Total, (ug/l)	0.02	NNS	15000	NNS	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	1600	NNS	NNS	--	11
Fluoranthene, Total, (ug/l)	130	5600	2000	NNS	NNS	NNS	--	10
Fluorene, Total, (ug/l)	580	5600	NNS	NNS	NNS	NNS	--	<5.0
Hexachlorobenzene, Total, (ug/l)	0.002	100	NNS	8.2	NNS	NNS	--	<5.0
Hexachlorobutadiene, Total, (ug/l)	0.52	280	45	0.3	NNS	NNS	--	<5.0
Hexachlorocyclopentadiene, Total, (ug/l)	550	1000	3.5	350	850	610	--	<5.0
Hexachloroethane, Total, (ug/l)	4.8	140	490	NNS	NNS	NNS	--	<5.0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0.000003	NNS	NNS	43000	NNS	NNS	--	<5.0
Isophorone, Total, (ug/l)	520	28000	59000	600	NNS	NNS	--	<5.0
Naphthalene, Total, (ug/l)	NNS	560	3300	850	NNS	NNS	--	<5.0
Nitrobenzene, Total, (ug/l)	600	70	13000	NNS	NNS	NNS	--	<5.0
2-Nitrophenol, Total, (ug/l)	NNS	NNS	NNS	3000	NNS	NNS	--	<5.0
4-Nitrophenol, Total, (ug/l)	NNS	NNS	4100	200	NNS	NNS	--	<5.0
N-Nitrosodiphenylamine, Total, (ug/l)	12	NNS	2900	NNS	NNS	NNS	--	<5.0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0.51	NNS	NNS	I	I	I	--	<5.0
Pentachlorophenol, Total, (ug/l)	29000	2000	I	6.3	NNS	NNS	--	<5.0
Phenanthrene, Total, (ug/l)	0.0005	NNS	30				--	9.7
Phenol, Total, (ug/l)				NNS	NNS	NNS	--	9.7
Pyrene, Total, (ug/l)	1100	4200	NNS	300	NNS	NNS	--	9.2
1,2,4-Trichlorobenzene, Total, (ug/l)	NNS	2800	1700				--	<5.0

IB-08 - North Bank of Indian Bend Wash at 40th		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)		
Date of Sampling								03/26/1998	04/01/1998
2,4,5- Trichlorophenol, Total, (ug/l)					25	3000	460	--	<5.0
2,4,6- Trichlorophenol, Total, (ug/l)		4.9	NNS	160	NNS	NNS	NNS	--	<5.0
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)								--	--

ACDC and 43rd Avenue
(USGS)

ACDC at 43rd Avenue	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)				
Date of Sampling				07/19/1997	08/03/1997	12/22/1997	02/04/1998
Representative Storm Event				N	N	Y	Y
Agency Collecting Sample				USGS	USGS	USGS	USGS
Agency Analyzing Sample				NWQL	NWQL	NWQL	NWQL
Drainage Area (acres) (DA)				0.0053	0.0053	0.0053	0.0053
Impervious Area (acres) (IA)				0.0050	0.0050	0.0050	0.0050
Land Use - Residential				0	0	0	0
Land Use - Commercial				97	97	97	97
Land Use - Industrial				0	0	0	0
Land Use - Undeveloped				3	3	3	3
Sampling Duration (minutes)				UA	UA	UA	UA
Storm Duration (minutes) (DRN)				84	330	486	474
Runoff Sampled (cubic feet) (RUN)				0.01	0.01	0.03	0.03
Total Storm Runoff (cubic feet)				UA	UA	UA	UA
Instantaneous Discharge (cfs)				0.48	0.34	0.54	0.90
Preceding Dry Period (days) (ANT)				106	15	14	24
Total Storm Rainfall (inch)				UA	UA	UA	UA
Rainfall Sampled (inch) (TRN)				0.16	0.26	0.43	0.69
Maximum 5-minute rain intensity (MAX5)				0.08	0.03	0.07	0.05
Sample Temperature (deg. C)				30	29.5	14.5	11.5
Effluent Temperature (deg. C)				NM	NM	NM	NM
Ambient Temperature (deg. C)				NM	NM	NM	NM
Barometric Pressure (mm Hg)				728	732	724	733
pH, Effluent (standard units)				5.7	6.9	7.4	6.5
pH, Lab (standard units)				5.7	6.1	6.5	6.6
Specific Conductance, FIELD (us/cm)				356	123	89	51
Specific Conductance, LAB (us/cm)				321	162	75	57

ACDC at 43rd Avenue	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)				
Date of Sampling				07/19/1997	08/03/1997	12/22/1997	02/04/1998
Oxygen Dissolved (% saturation)				--	--	--	--
Oxygen Dissolved (mg/l)				6.2	6.7	--	10
Electrical Conductivity (umhos/cm)				--	--	--	--
BOD5 (mg/l)				--	--	--	--
COD High Level (mg/l)				77	310	150	97
Chloride (mg/l as Cl)				12	4.9	5.3	2.2
Cyanide Total (mg/l as Cn)	3100 T	41 T	9.7 T	0.012	0.014	<0.010	<0.010
Fecal Coliform (CFU/100mL)				--	--	--	--
Fecal Streptococci (CFU/100mL)				--	--	--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)				436	224	66	56
Residue, Total at 105 Deg. C (TSS) (mg/l)				272	60	178	64
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	3.9	2.1	0.52	0.35
TKN Nitrogen (mg/l as N)				--	--	--	--
Nitrogen, Ammonia + Organic, Total (mg/l as N)				8.3	8.9	3.1	2.2
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	3.84	2.05	0.476	0.316
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	0.062	0.052	0.044	0.034
Nitrogen Ammonia Total (mg/l as N)				7.8	4.1	0.97	1.1
Nitrogen Organic Total (mg/l as N)				--	--	--	--
Phosphorous Total (mg/l as P)				2.00	0.71	0.34	0.21
Phosphorous Dissolved (mg/l as P)				1.6	0.73	0.09	0.11
Phosphorous Ortho (mg/l as P)				1.00	0.44	0.12	0.06
Sulfate Dissolved (mg/l)				41	16	8.3	5.8
Hexavalent Chromium Total (mg/l)	700 T	16 D	11 D	--	--	--	--
Phenols Total Recoverable (ug/l)	84000	54	6.3	22	13	6	10
Oil and Grease Total Recoverable (mg/l)				8	60	28	17
Organic Carbon, Total (mg/l)				180	8.8	29	22

ACDC at 43rd Avenue	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)				
Date of Sampling				07/19/1997	08/03/1997	12/22/1997	02/04/1998
Bicarbonate Whole Field (mg/l as HCo3)				34	9	16	13
Bicarbonate Dissolved, Field (mg/l as HCo3)				7	6	14	12
Carbonate Water Field (mg/l as Co3)				0	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)				0	0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)				28	7	13	11
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)				6	5	11	10
Alkalinity LAB (mg/l as CaCo3)				73	41	17	14
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			7	3	4	<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
Beryllium Dissolved (ug/l as Be)		65	5.3	--	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	70			2	<1	<1	<1
Cadmium Dissolved (ug/l as Cd)		d	d	--	--	--	--
Calcium Dissolved (mg/l as Ca)				36	17	--	--
Chromium Total Recoverable (ug/l as Cr)				10	3	5	2
Chromium Dissolved (ug/l as Cr)				--	--	--	--
Cobalt Dissolved (ug/l as Co)				--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)				53	25	18	8
Copper, Dissolved, (ug/l as Cu)	5200	f	f	--	--	--	--
Iron, Dissolved, (ug/l as Fe)				--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	NNS			22	5	10	4

ACDC at 43rd Avenue	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)				
Date of Sampling				07/19/1997	08/03/1997	12/22/1997	02/04/1998
Lead, Dissolved, (ug/l as Pb)	NNS	g	g	--	--	--	--
Lithium, Dissolved, (ug/l as Li)				--	--	--	--
Magnesium, Dissolved, (mg/l as Mg)				4.6	2.4	--	--
Manganese, Dissolved, (ug/l as Mn)				--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	42			<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			33	14	10	4
Nickel, Dissolved, (ug/l as Ni)		h	h	--	--	--	--
Potassium, Dissolved, (mg/l as K)				5.5	3.0	--	--
Selenium, Total, (ug/l as Se)	420	50	2	<1	<1	<1	<1
Selenium, Dissolved, (ug/l as Se)				--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	NNS			<1	<1	<1	<1
Silver, Dissolved, (ug/l as Ag)	NNS	j	NNS	--	--	--	--
Sodium, Dissolved, (mg/l as Na)				13	6.3	--	--
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			660	310	140	70
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)				--	--	--	--

ACDC at 43rd Avenue	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)				
Date of Sampling				07/19/1997	08/03/1997	12/22/1997	02/04/1998
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	--	--	--	--

ACDC at 43rd Avenue	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)				
Date of Sampling				07/19/1997	08/03/1997	12/22/1997	02/04/1998
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	--	--	--	--
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	--	--	--	--

ACDC at 43rd Avenue	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)				
Date of Sampling				07/19/1997	08/03/1997	12/22/1997	02/04/1998
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	--	--	--	--
Acrylonitrile, 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	--	--	--	--
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	--	--	--	--

ACDC at 43rd Avenue	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)				
Date of Sampling				07/19/1997	08/03/1997	12/22/1997	02/04/1998
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	--	--	--	--

ACDC at 43rd Avenue	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)				
Date of Sampling				07/19/1997	08/03/1997	12/22/1997	02/04/1998
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	--	--	--	--
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	--	--	--	--

ACDC at 43rd Avenue	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)				
Date of Sampling				07/19/1997	08/03/1997	12/22/1997	02/04/1998
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)**

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							08/03/1997	08/08/1997
Representative Storm Event							N	N
Agency Collecting Sample							USGS	USGS
Agency Analyzing Sample							NWQL	NWQL
Drainage Area (acres) (DA)							0.0703	0.0703
Impervious Area (acres) (IA)							0.0105	0.0105
Land Use - Residential							6	6
Land Use - Commercial							0	0
Land Use - Industrial							94	94
Land Use - Undeveloped							0	0
Sampling Duration (minutes)							UA	UA
Storm Duration (minutes) (DRN)							114	66
Runoff Sampled (cubic feet) (RUN)							0.02	0.04
Total Storm Runoff (cubic feet)							UA	UA
Instantaneous Discharge (cfs)							0.5	1.70
Preceding Dry Period (days) (ANT)							25	5
Total Storm Rainfall (inch)							UA	UA
Rainfall Sampled (inch) (TRN)							0.3	0.31
Maximum 5-minute rain intensity (MAX5)							0.06	0.05
Sample Temperature (deg. C)							28	29
Effluent Temperature (deg. C)							NM	NM
Ambient Temperature (deg. C)							NM	NM
Barometric Pressure (mm Hg)							737	733
pH, Effluent (standard units)							6.9	7.3
pH, Lab (standard units)							7.3	7.6
Specific Conductance, FIELD (us/cm)							334	271
Specific Conductance, LAB (us/cm)							336	308

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							08/03/1997	08/08/1997
Oxygen Dissolved (% saturation)							--	--
Oxygen Dissolved (mg/l)							5.7	5.7
Electrical Conductivity (umhos/cm)							--	--
BOD5 (mg/l)							--	--
COD High Level (mg/l)							370	22
Chloride (mg/l as Cl)							21	23
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T	9.7 T	NNS	200 T	<0.010	<0.010
Fecal Coliform (CFU/100mL)							--	--
Fecal Streptococci (CFU/100mL)							--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)							306	225
Residue, Total at 105 Deg. C (TSS) (mg/l)							368	1190
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	3.3	2.9
TKN Nitrogen (mg/l as N)							--	--
Nitrogen, Ammonia + Organic, Total (mg/l as N)							7.9	7.2
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	3.20	2.84
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.100	0.059
Nitrogen Ammonia Total (mg/l as N)							2.2	1.7
Nitrogen Organic Total (mg/l as N)							--	--
Phosphorous Total (mg/l as P)							1.2	2.5
Phosphorous Dissolved (mg/l as P)							0.28	0.23
Phosphorous Ortho (mg/l as P)							0.20	0.23
Sulfate Dissolved (mg/l)							39	21
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	2	6
Oil and Grease Total Recoverable (mg/l)							9	7
Organic Carbon, Total (mg/l)							8.5	47

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							08/03/1997	08/08/1997
Bicarbonate Whole Field (mg/l as HCo3)							77	157
Bicarbonate Dissolved, Field (mg/l as HCo3)							37	48
Carbonate Water Field (mg/l as Co3)							0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)							0	0
Alkalinity Water Field Total (mg/l as CaCo3)							63	129
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)							30	39
Alkalinity LAB (mg/l as CaCo3)							100	91
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	12	22
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
Beryllium Dissolved (ug/l as Be)			65	5.3	NNS	NNS	--	--
Cadmium Total Recoverable (ug/l as Cd)	83	70			50	50	2	4
Cadmium Dissolved (ug/l as Cd)			d	d			--	--
Calcium Dissolved (mg/l as Ca)							34	25
Chromium Total Recoverable (ug/l as Cr)					1000	1000	14	32
Chromium Dissolved (ug/l as Cr)							--	--
Cobalt Dissolved (ug/l as Co)							--	--
Copper, Total Recoverable, (ug/l as Cu)	NNS				5000	500	91	44
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	160	320

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							08/03/1997	08/08/1997
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	g	g			--	--
Lithium, Dissolved, (ug/l as Li)							--	--
Magnesium, Dissolved, (mg/l as Mg)							5	3.7
Manganese, Dissolved, (ug/l as Mn)					NNS	NNS	--	--
Mercury, Total Recoverable, (ug/l as Hg)	0.6	42			NNS	NNS	<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	34	59
Nickel, Dissolved, (ug/l as Ni)			h	h	NNS	NNS	--	--
Potassium, Dissolved, (mg/l as K)							7.8	6.1
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
Silver, Dissolved, (ug/l as Ag)	NNS	NNS	j	NNS			--	--
Sodium, Dissolved, (mg/l as Na)							17	18
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	360	780
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)							--	--

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							08/03/1997	08/08/1997
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	--	--

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							08/03/1997	08/08/1997
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	--	--
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	--	--

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							08/03/1997	08/08/1997
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	--	--
Acrylonitrile, 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	--	--
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	--	--

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							08/03/1997	08/08/1997
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	--	--

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							08/03/1997	08/08/1997
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	--	--
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	--	--

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							08/03/1997	08/08/1997
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)							--	--

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							12/22/1997	02/04/1998
Representative Storm Event							Y	Y
Agency Collecting Sample							USGS	USGS
Agency Analyzing Sample							NWQL	NWQL
Drainage Area (acres) (DA)							0.0703	0.0703
Impervious Area (acres) (IA)							0.0105	0.0105
Land Use - Residential							6	6
Land Use - Commercial							0	0
Land Use - Industrial							94	94
Land Use - Undeveloped							0	0
Sampling Duration (minutes)							UA	UA
Storm Duration (minutes) (DRN)							624	396
Runoff Sampled (cubic feet) (RUN)							0.04	0.05
Total Storm Runoff (cubic feet)							UA	UA
Instantaneous Discharge (cfs)							1.70	1.30
Preceding Dry Period (days) (ANT)							14	24
Total Storm Rainfall (inch)							UA	UA
Rainfall Sampled (inch) (TRN)							0.28	0.37
Maximum 5-minute rain intensity (MAX5)							0.03	0.03
Sample Temperature (deg. C)							15	14.5
Effluent Temperature (deg. C)							NM	NM
Ambient Temperature (deg. C)							NM	NM
Barometric Pressure (mm Hg)							726	731
pH, Effluent (standard units)							7.7	7.9
pH, Lab (standard units)							6.8	8.0
Specific Conductance, FIELD (us/cm)							599	212
Specific Conductance, LAB (us/cm)							918	274

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							12/22/1997	02/04/1998
Oxygen Dissolved (% saturation)							--	--
Oxygen Dissolved (mg/l)							5.2	9.1
Electrical Conductivity (umhos/cm)							--	--
BOD5 (mg/l)							--	--
COD High Level (mg/l)							160	260
Chloride (mg/l as Cl)							23	22
Cyanide Total (mg/l as Cn)	210000 T	3100 T	41 T	9.7 T	NNS	200 T	0.019	--
Fecal Coliform (CFU/100mL)							--	--
Fecal Streptococci (CFU/100mL)							--	--
Solids Residue at 180 Deg. C (TDS) (mg/l)							1290	236
Residue, Total at 105 Deg. C (TSS) (mg/l)							125	304
Nitrogen No2 + No3, Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.96	3.6
TKN Nitrogen (mg/l as N)							--	--
Nitrogen, Ammonia + Organic, Total (mg/l as N)							120	12
Nitrogen Nitrate Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.25	3.4
Nitrogen Nitrite Total (mg/l as N)	NNS	NNS	NNS	NNS	NNS	NNS	0.71	0.2
Nitrogen Ammonia Total (mg/l as N)							64	5.2
Nitrogen Organic Total (mg/l as N)							--	--
Phosphorous Total (mg/l as P)							0.96	0.75
Phosphorous Dissolved (mg/l as P)							0.3	0.14
Phosphorous Ortho (mg/l as P)							0.62	0.14
Sulfate Dissolved (mg/l)							63	22
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	19	9
Oil and Grease Total Recoverable (mg/l)							14	11
Organic Carbon, Total (mg/l)							670	79

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							12/22/1997	02/04/1998
Bicarbonate Whole Field (mg/l as HCo3)							229	85
Bicarbonate Dissolved, Field (mg/l as HCo3)							173	45
Carbonate Water Field (mg/l as Co3)							0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)							0	0
Alkalinity Water Field Total (mg/l as CaCo3)							188	70
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)							142	37
Alkalinity LAB (mg/l as CaCo3)							187	73
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	13	12
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
Beryllium Dissolved (ug/l as Be)			65	5.3	NNS	NNS	--	--
Cadmium Total Recoverable (ug/l as Cd)	83	70			50	50	3	1
Cadmium Dissolved (ug/l as Cd)			d	d			--	--
Calcium Dissolved (mg/l as Ca)							--	--
Chromium Total Recoverable (ug/l as Cr)					1000	1000	25	12
Chromium Dissolved (ug/l as Cr)							--	--
Cobalt Dissolved (ug/l as Co)							--	--
Copper, Total Recoverable, (ug/l as Cu)	NNS				5000	500	340	110
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	460	130

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							12/22/1997	02/04/1998
Lead, Dissolved, (ug/l as Pb)	NNS	NNS	g	g			--	--
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	<0.10	<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	60	23
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	<1	<1
Selenium, Dissolved, (ug/l as Se)	9000						--	--
Silver, Total Recoverable, (ug/l as Ag)	NNS	NNS					<1	<1
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					--	--
Thallium, Dissolved, (ug/l as Tl)			700	150			--	--
Vanadium, Dissolved, (ug/l as V)							--	--
Zinc, Total Recoverable, (ug/l as Zn)		28000			10000	25000	660	270
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)							--	--

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							12/22/1997	02/04/1998
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	--	--

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							12/22/1997	02/04/1998
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	--	--
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	--	--

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							12/22/1997	02/04/1998
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	--	--
Acrylonitrile, 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	--	--
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	--	--

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							12/22/1997	02/04/1998
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-Chloronaphthalene, 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	--	--

27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							12/22/1997	02/04/1998
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	--	--
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	--	--

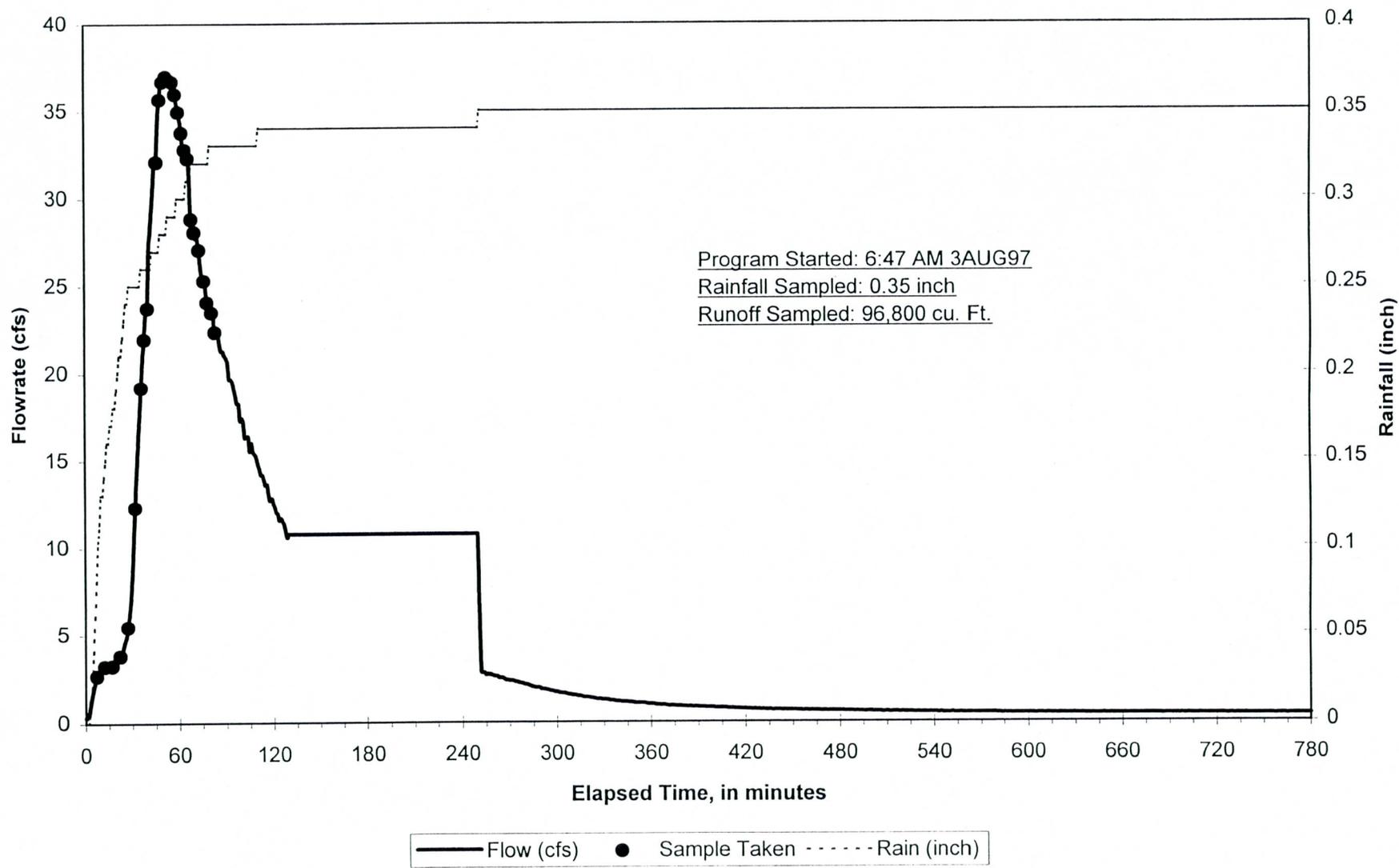
27th Avenue at south bank of Salt River	FC (ug/L)	PBC (ug/L)	A&Wedw Acute (ug/L)	A&Wedw Chronic (ug/L)	AgI (ug/L)	AgL (ug/L)		
Date of Sampling							12/22/1997	02/04/1998
2,4,5- Trichlorophenol, Total, (ug/l)							--	--
2,4,6- Trichlorophenol, Total, (ug/l)	4.9	NNS	160	25	NNS	NNS	--	--
N-Nitrosodimethylamine, 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)							--	--

**STORM
HYDROGRAPHS**

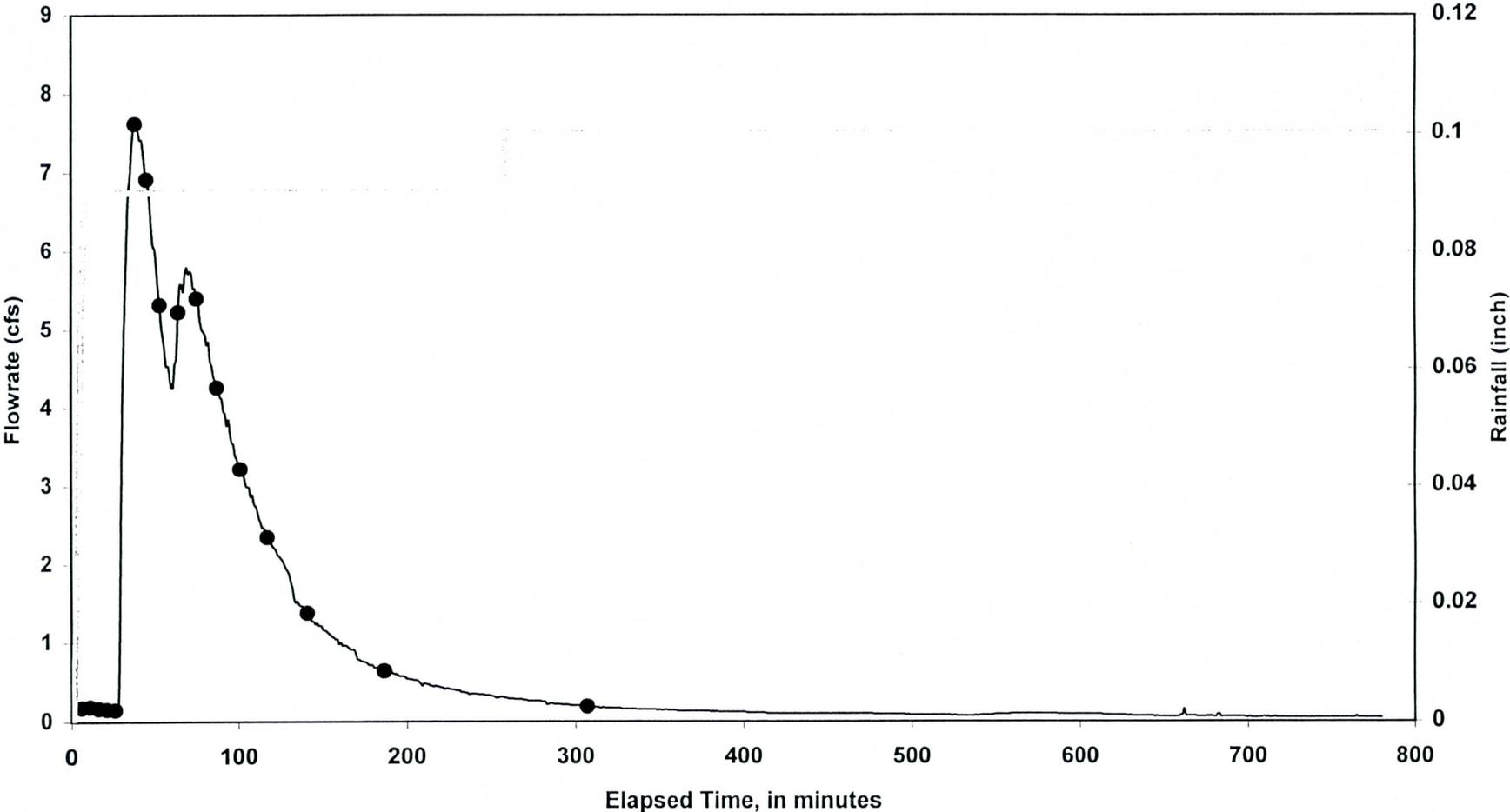
SR-03

North bank of Salt River and 35th Avenue

Phoenix SR-03: Salt River and 35th Avenue 3 August 1997

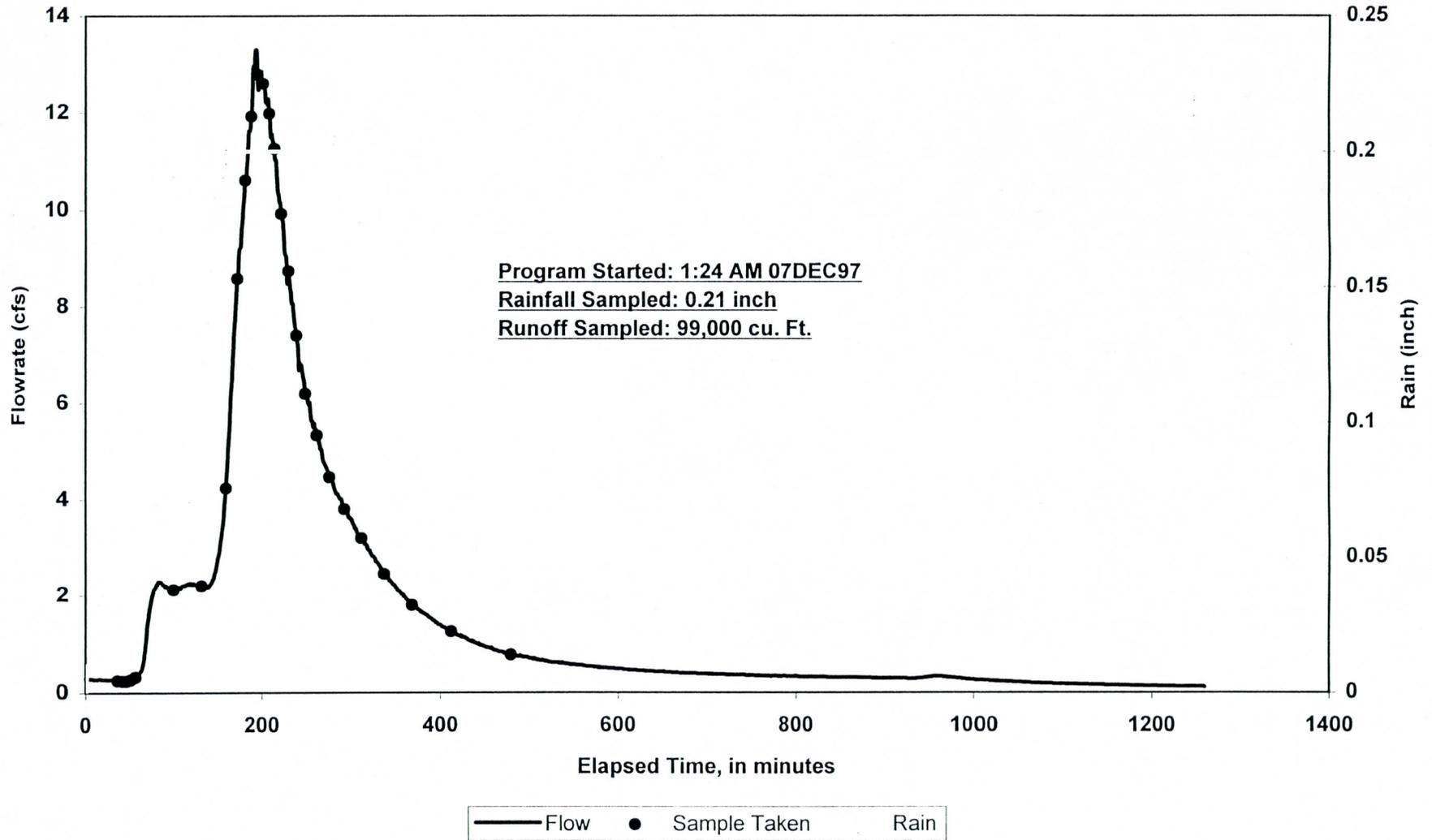


Phoenix SR-03: Salt River and 35th Avenue
02 September 1997

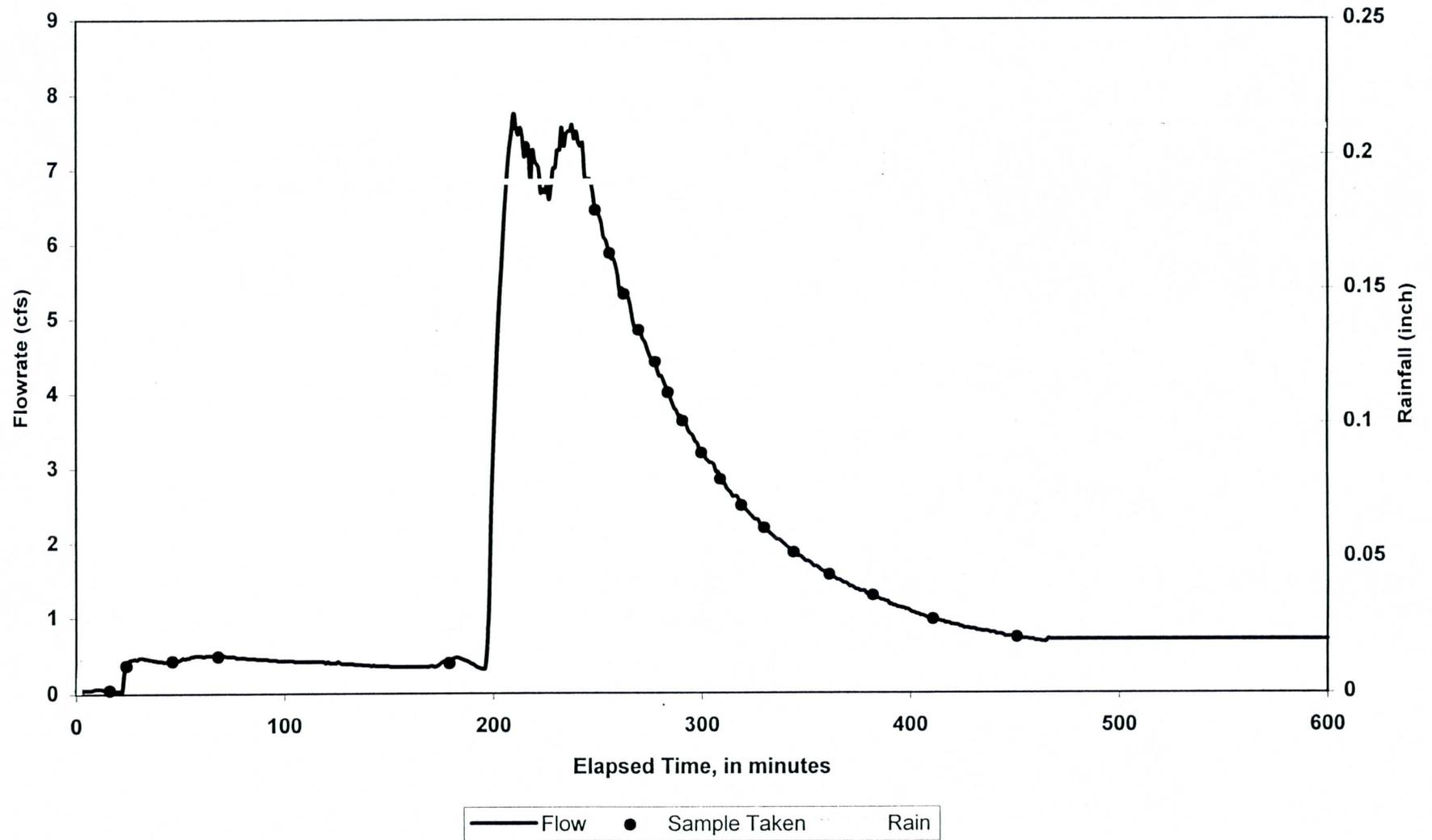


— Flow (cfs) ● Sample Taken - - - Rain (inch)

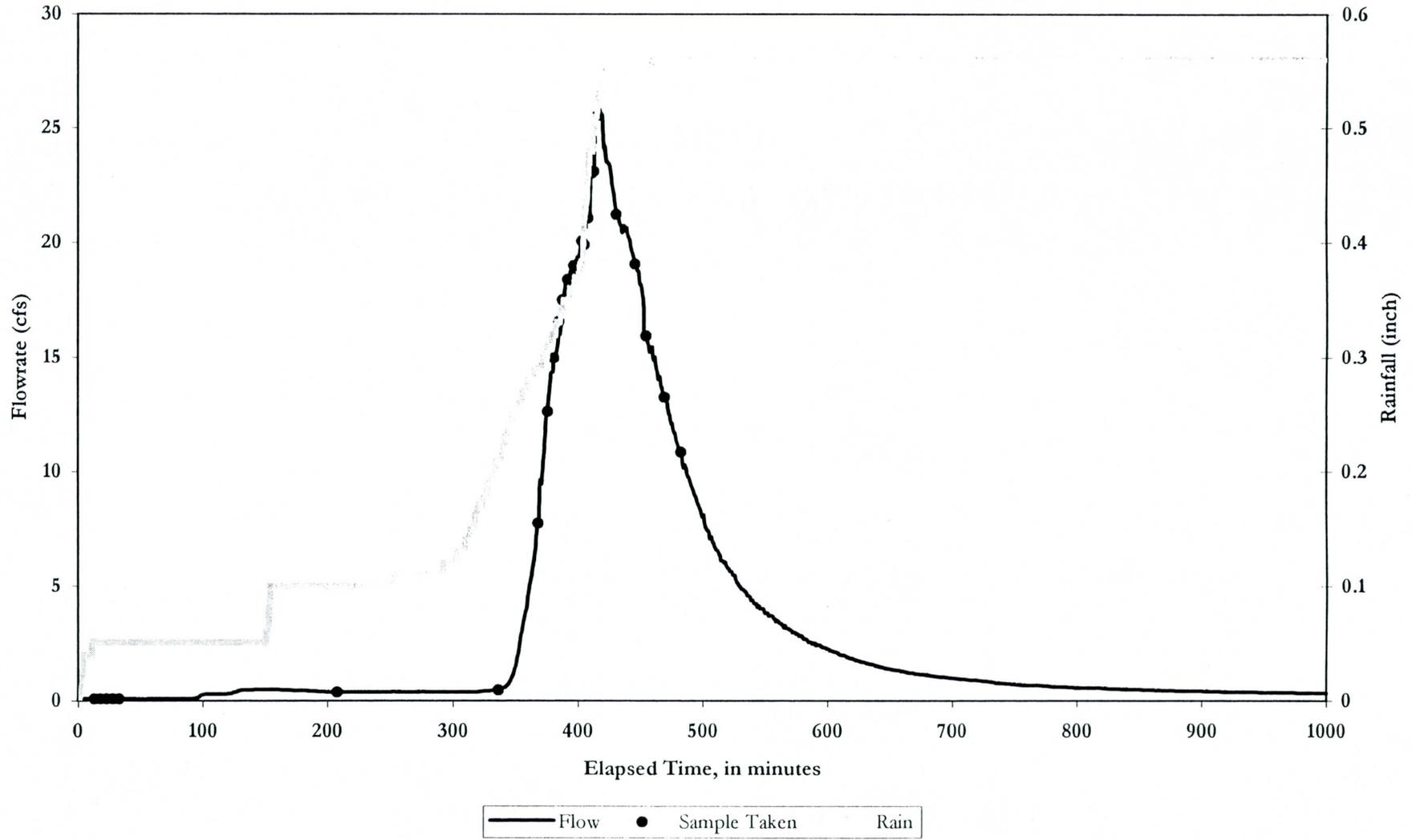
Phoenix SR-03: Salt River and 35th Avenue
07 December 1997



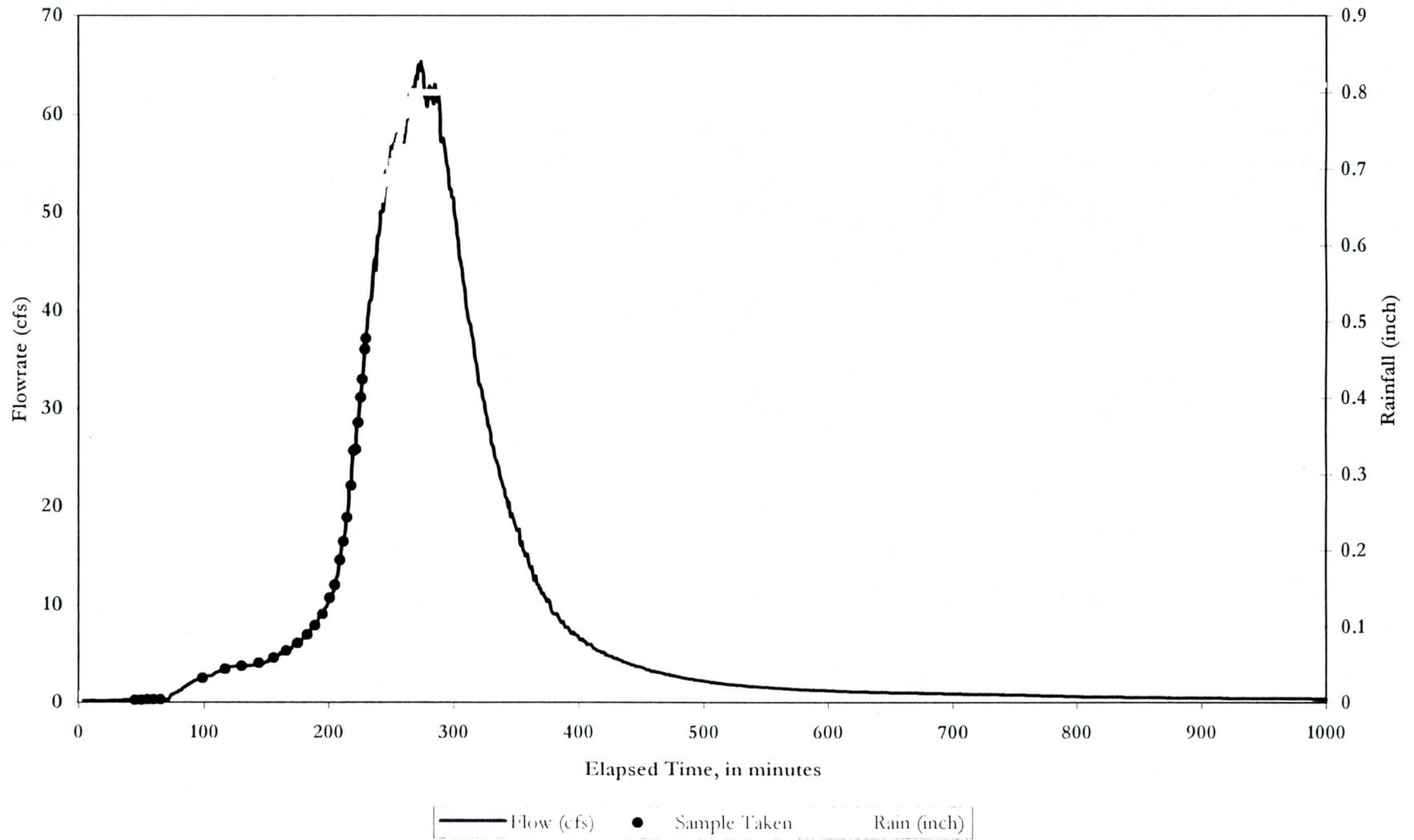
Phoenix SR-03: Salt River and 35th Avenue
21 December 1997



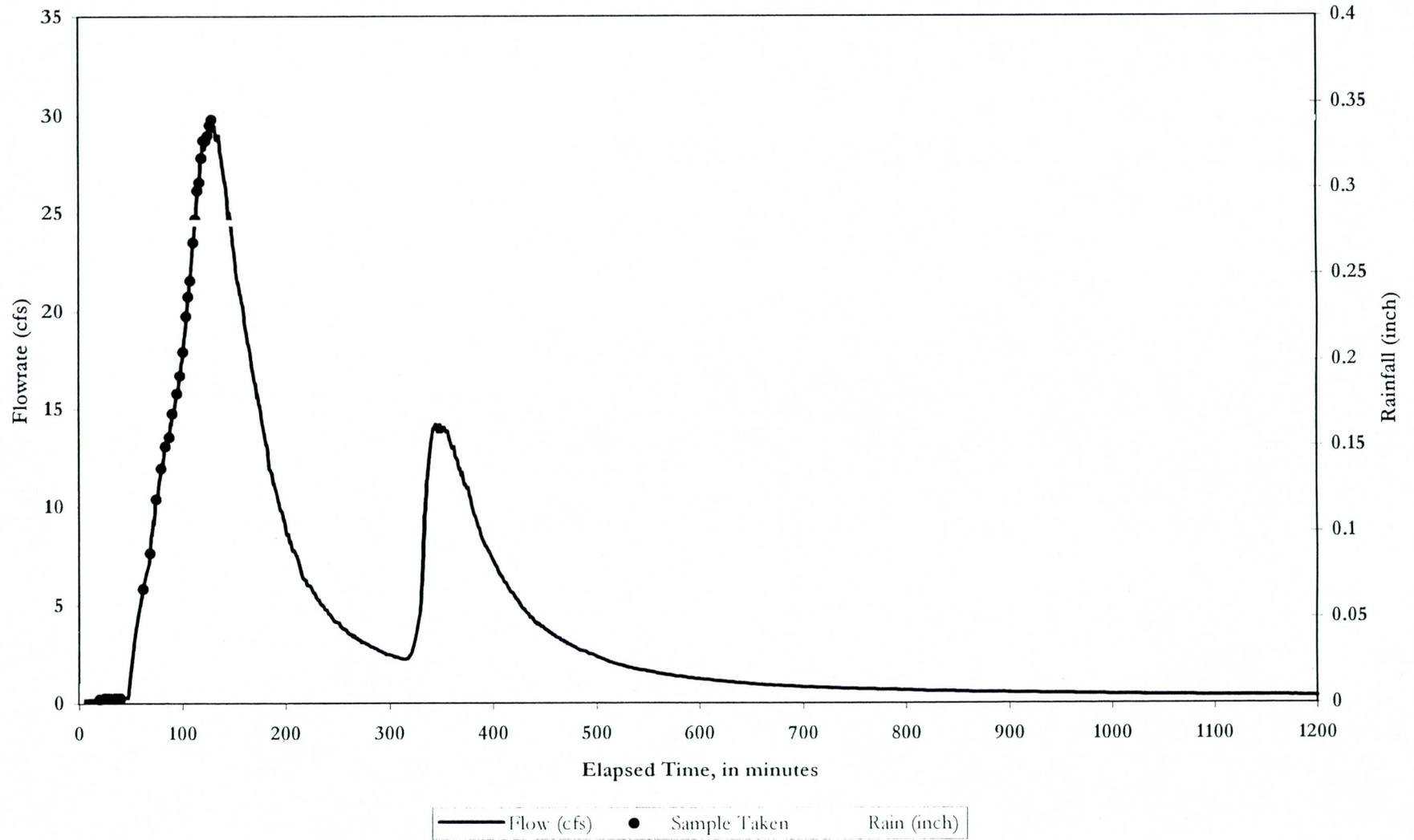
Phoenix SR-03: Salt River and 35th Avenue
04 February 1998



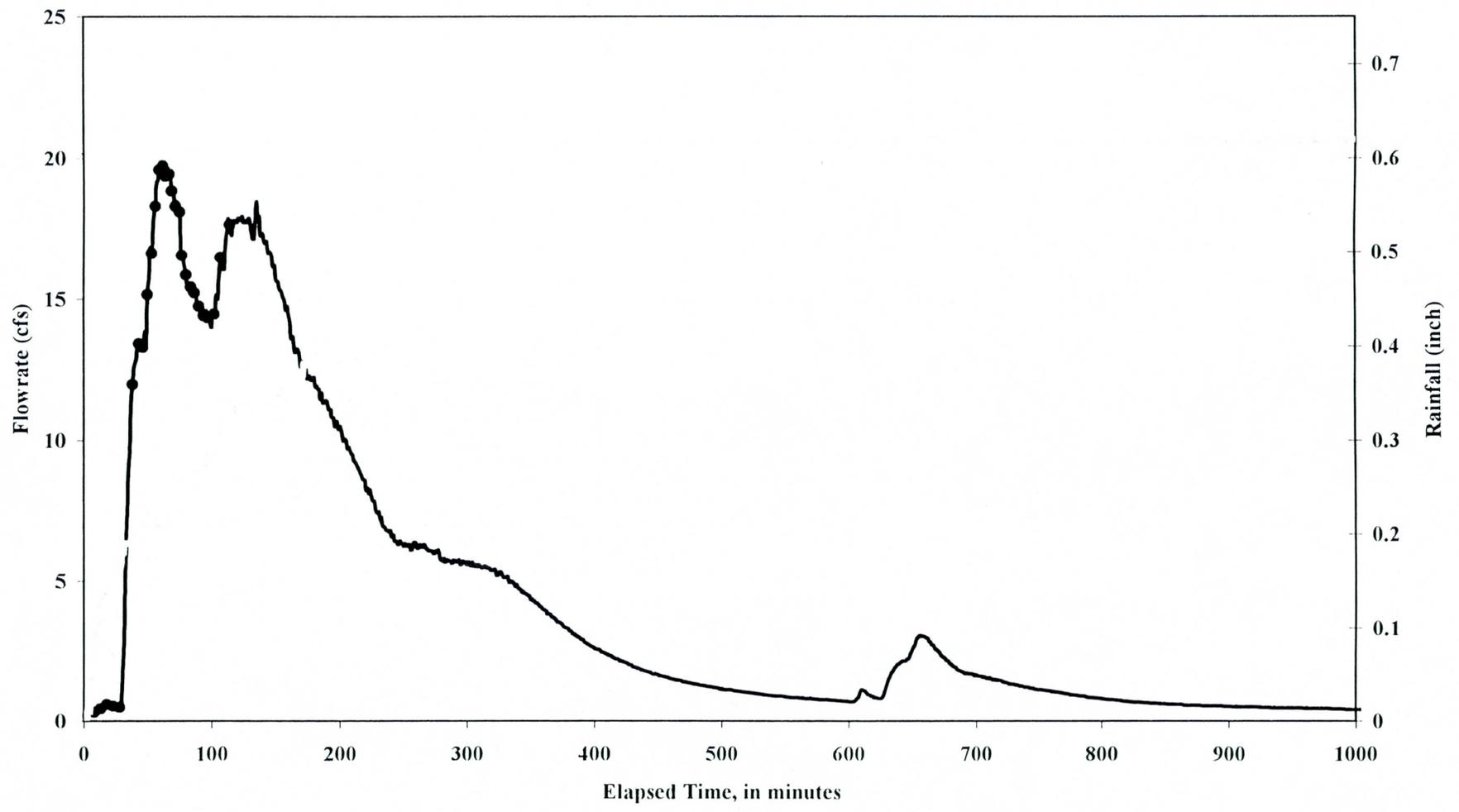
Phoenix SR-03: 35th Avenue at Salt River
15 February 1998



Phoenix SR-03: 35th Avenue at Salt River
24 February 1998



Phoenix SR-03: 35th Avenue at Salt River
26 March 1998

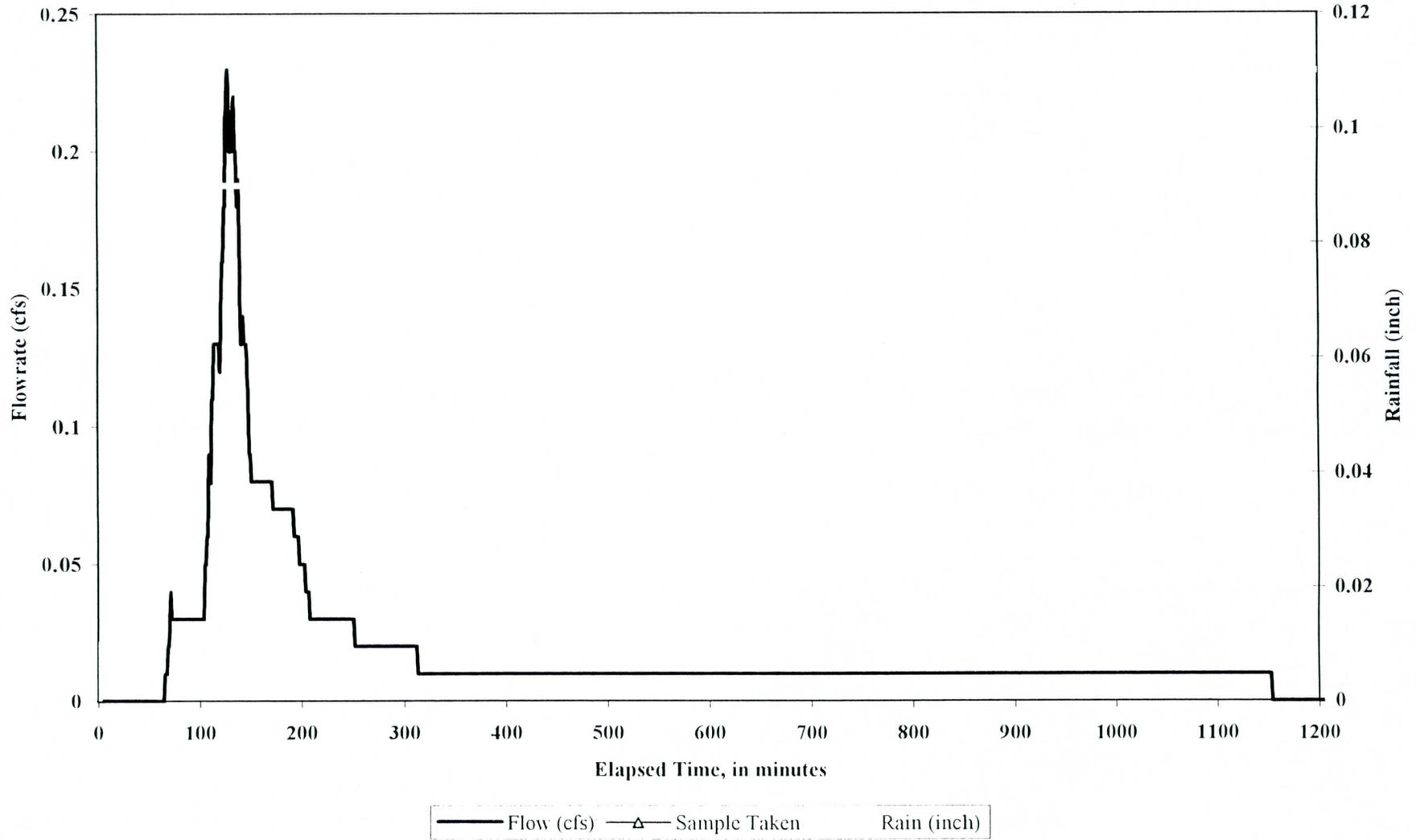


— Flow (cfs) • Sample Taken Rain (inch)

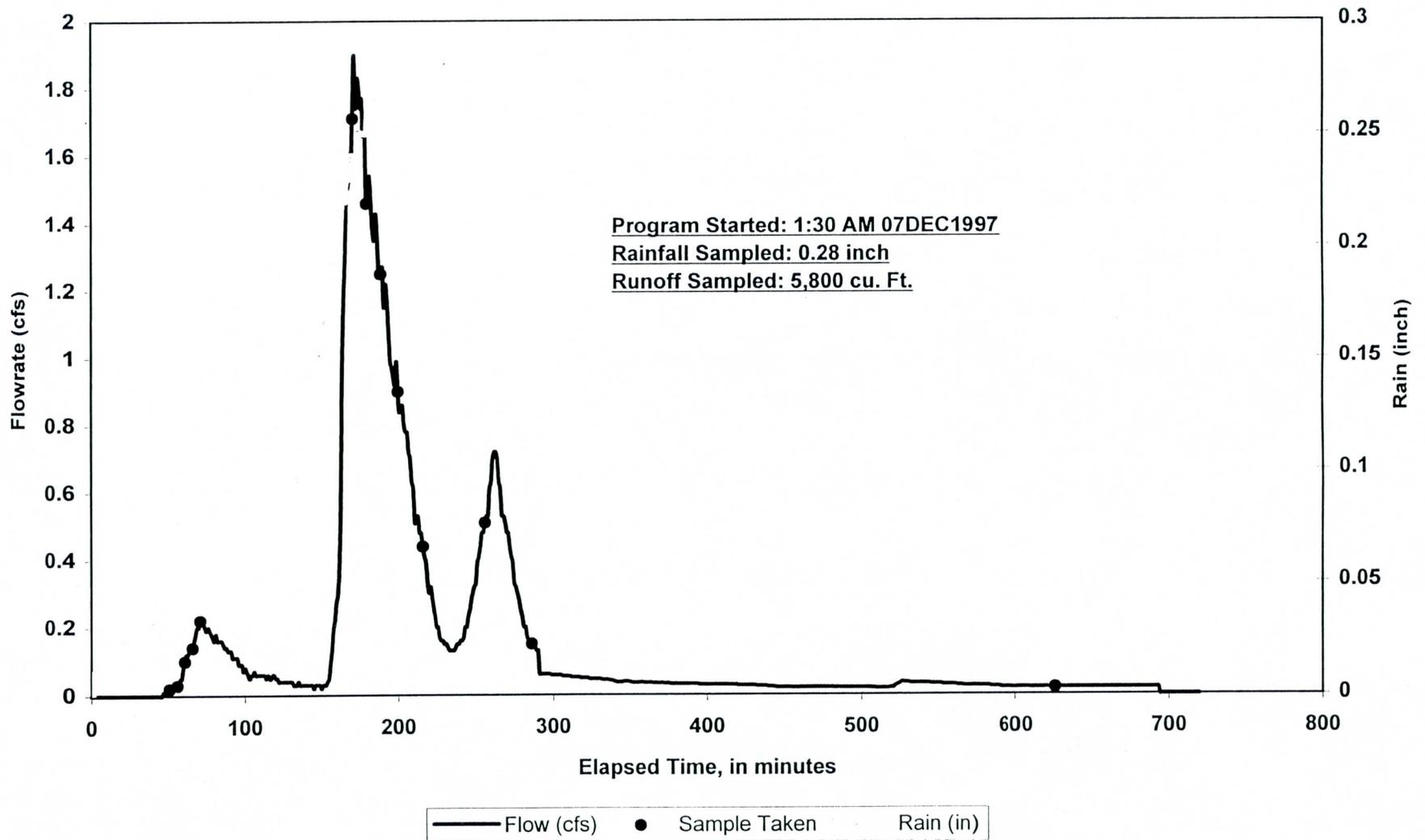
SR-45

South bank Salt River at 40th Street

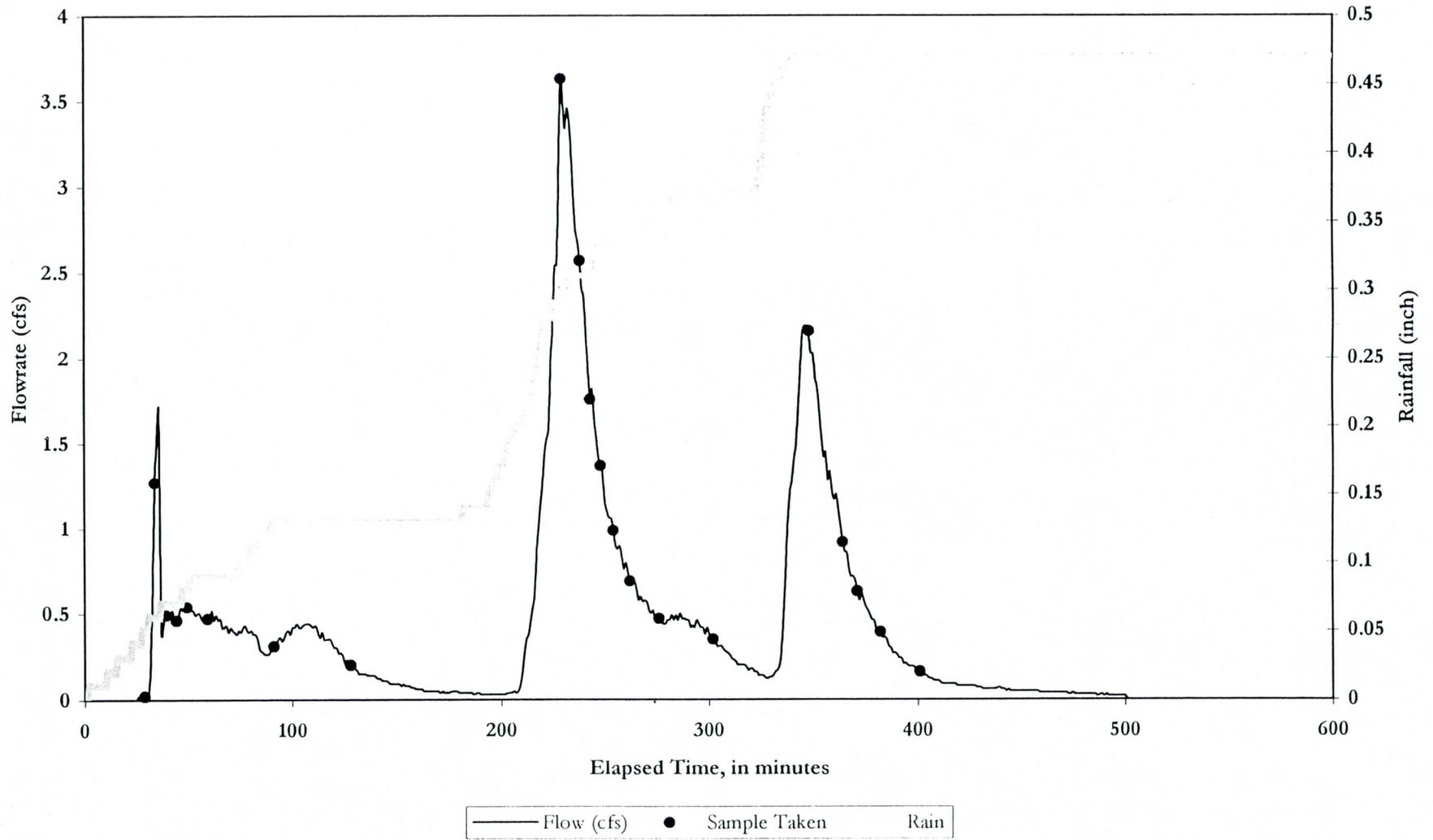
Phoenix SR-45: 40th Street at Salt River
01 December 1997



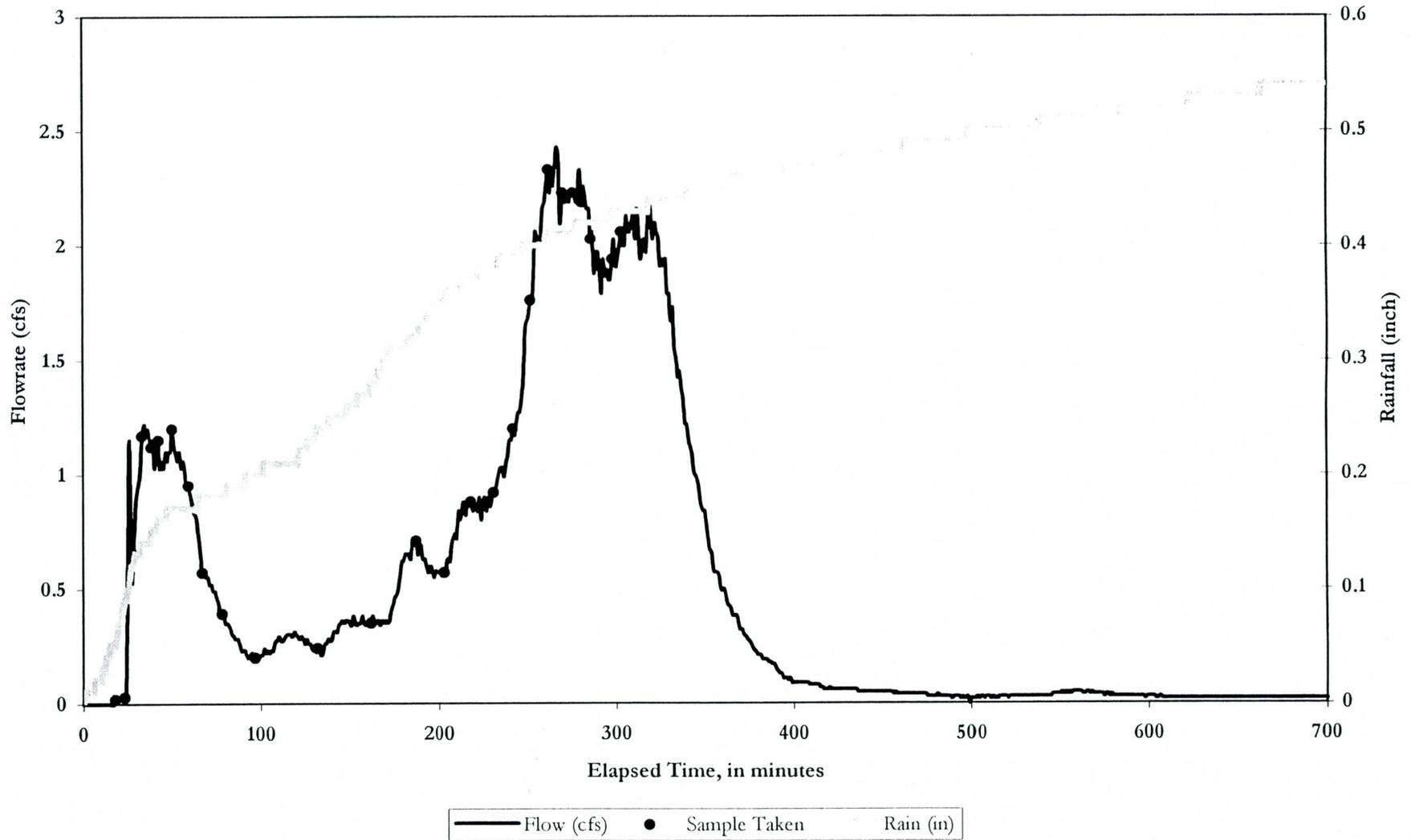
Phoenix SR-45: Salt River and 40th Street
07 December 1997



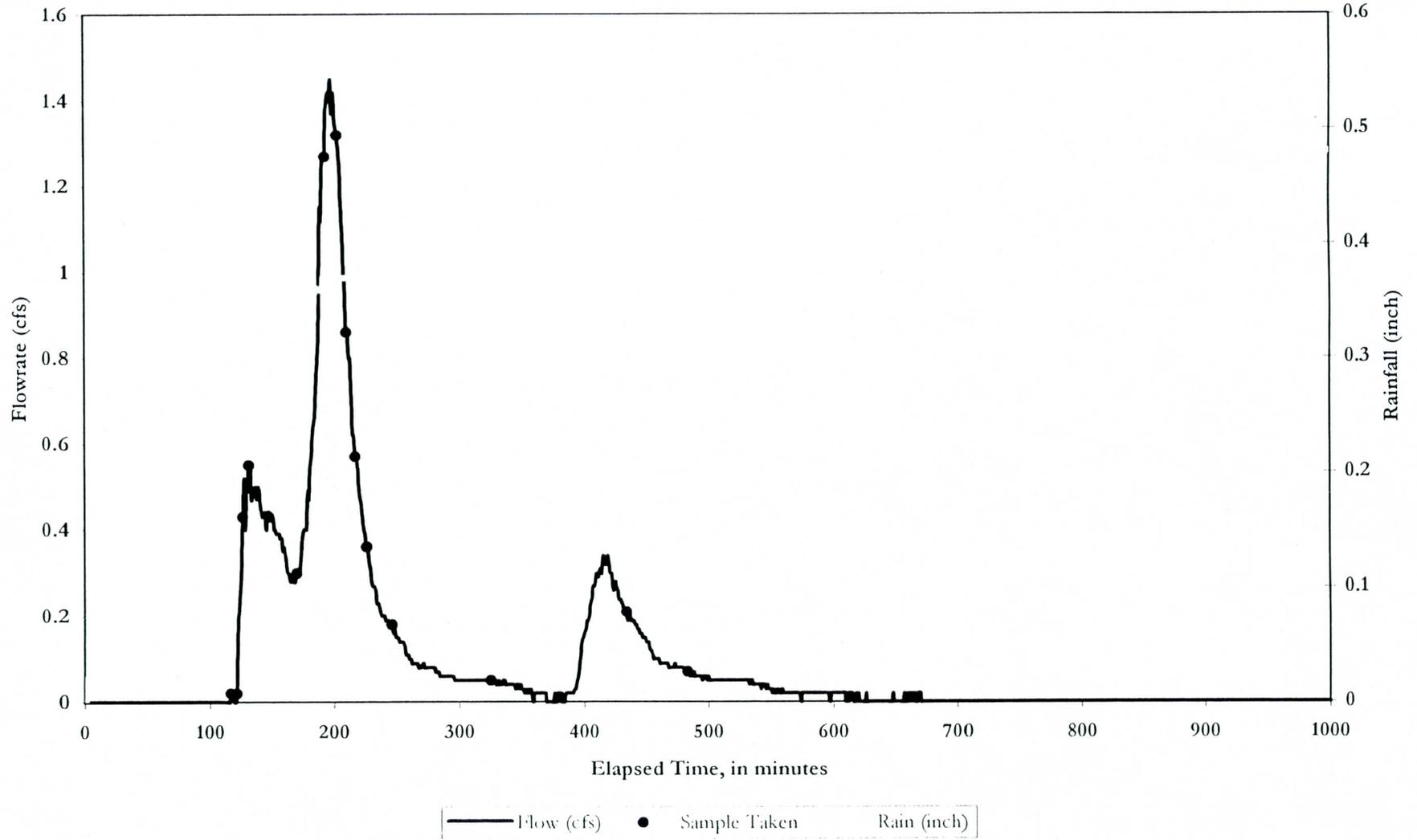
Phoenix SR-45: Salt River and 40th Street
10 January 1998



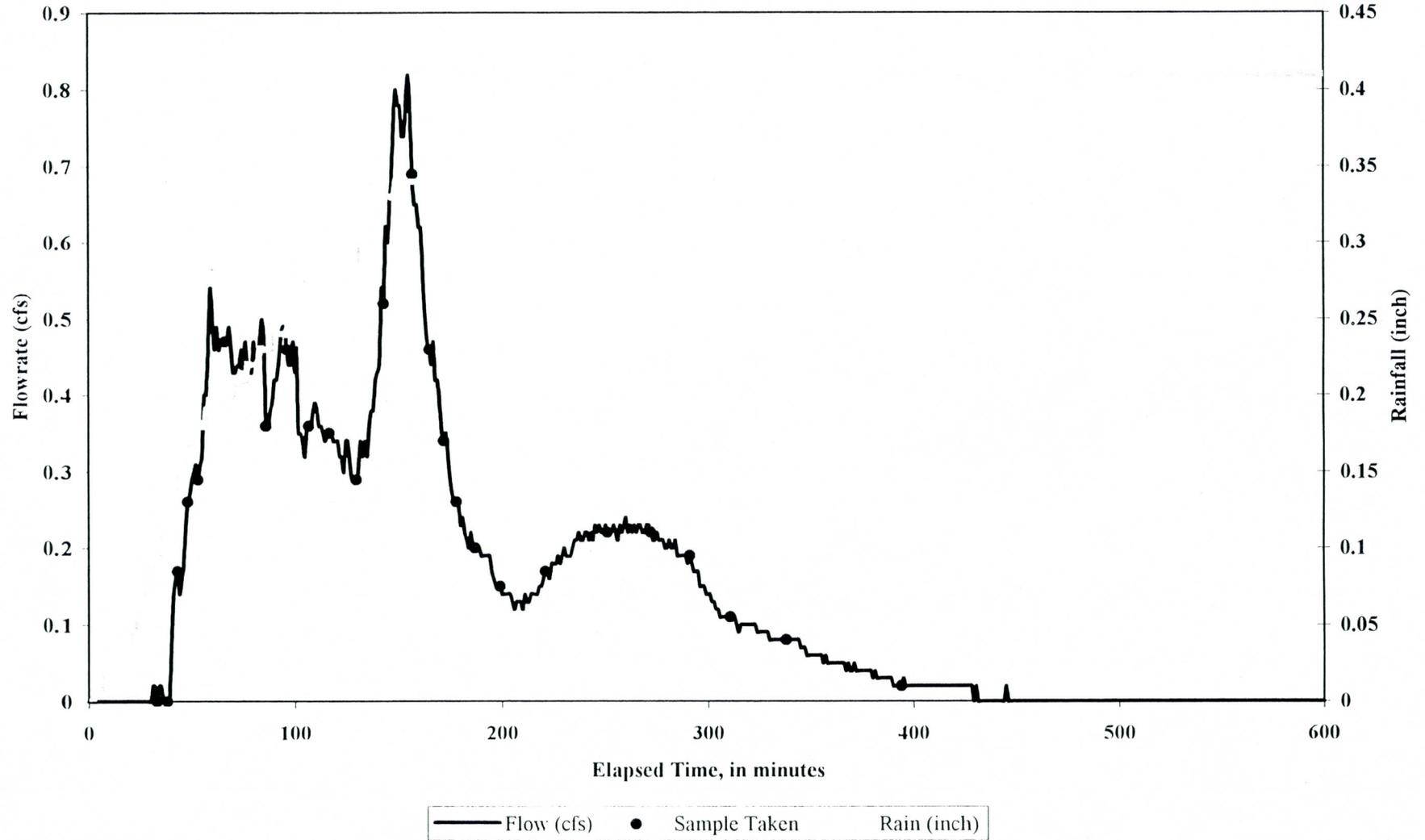
Phoenix SR-45: Salt River and 40th Street
04 February 1998



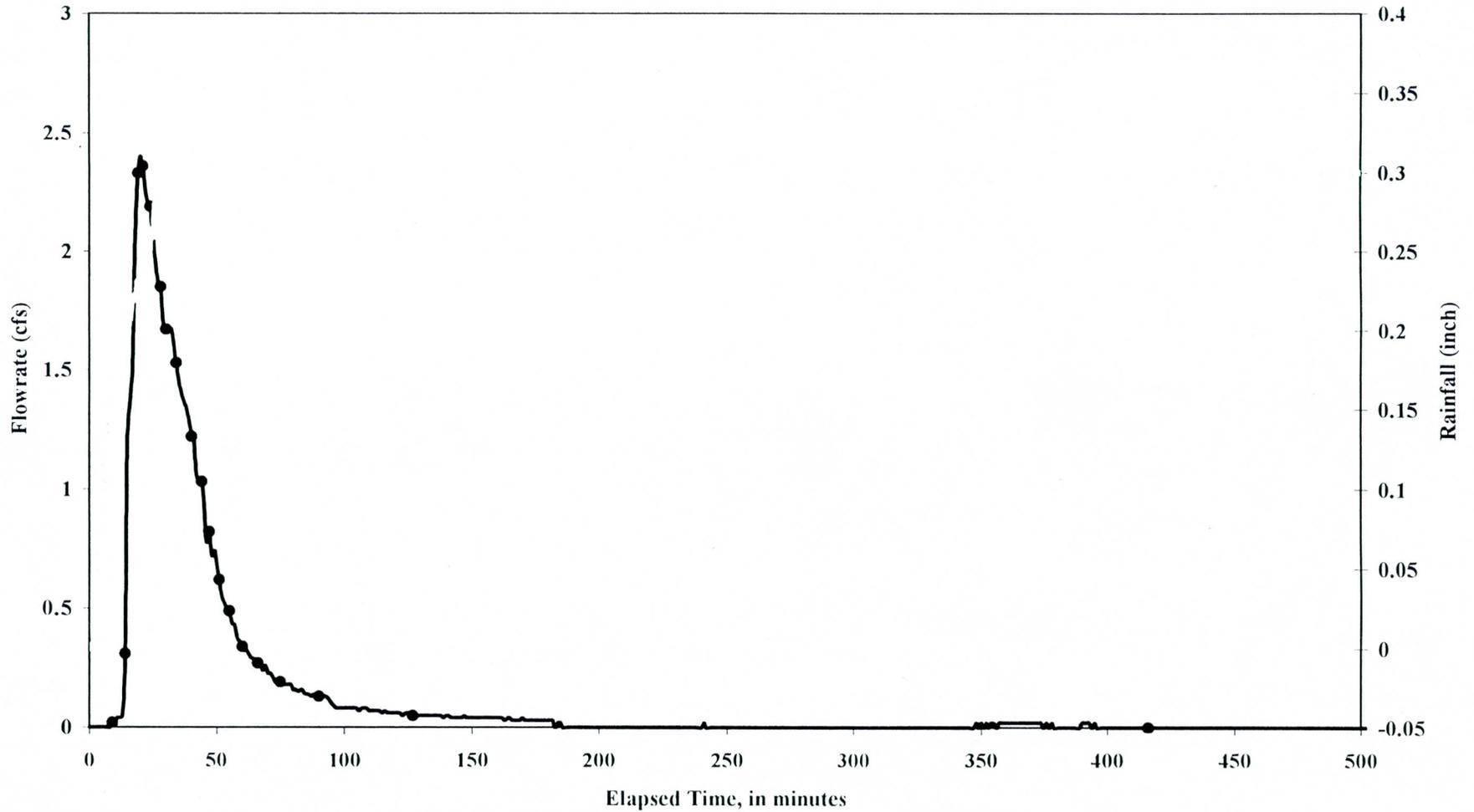
Phoenix SR-45: 40th Street at Salt River
24 February 1998



Phoenix SR-45: 40th Street at Salt River
26 March 1998



Phoenix SR-45: 40th Street at Salt River
01 April 1998

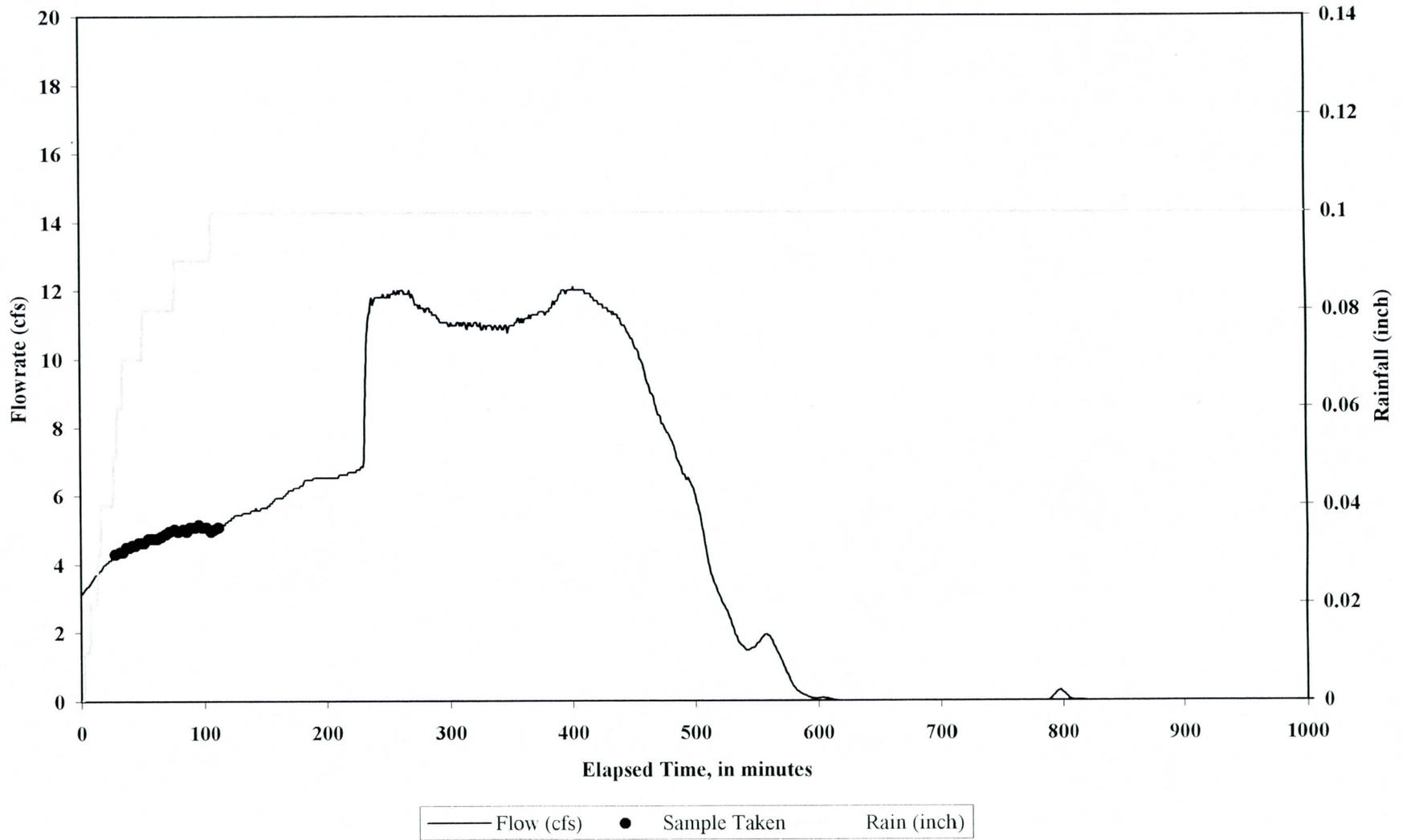


— Flow (cfs) • Sample Taken Rain (inch)

SR-49

North bank Salt River at 67th Avenue

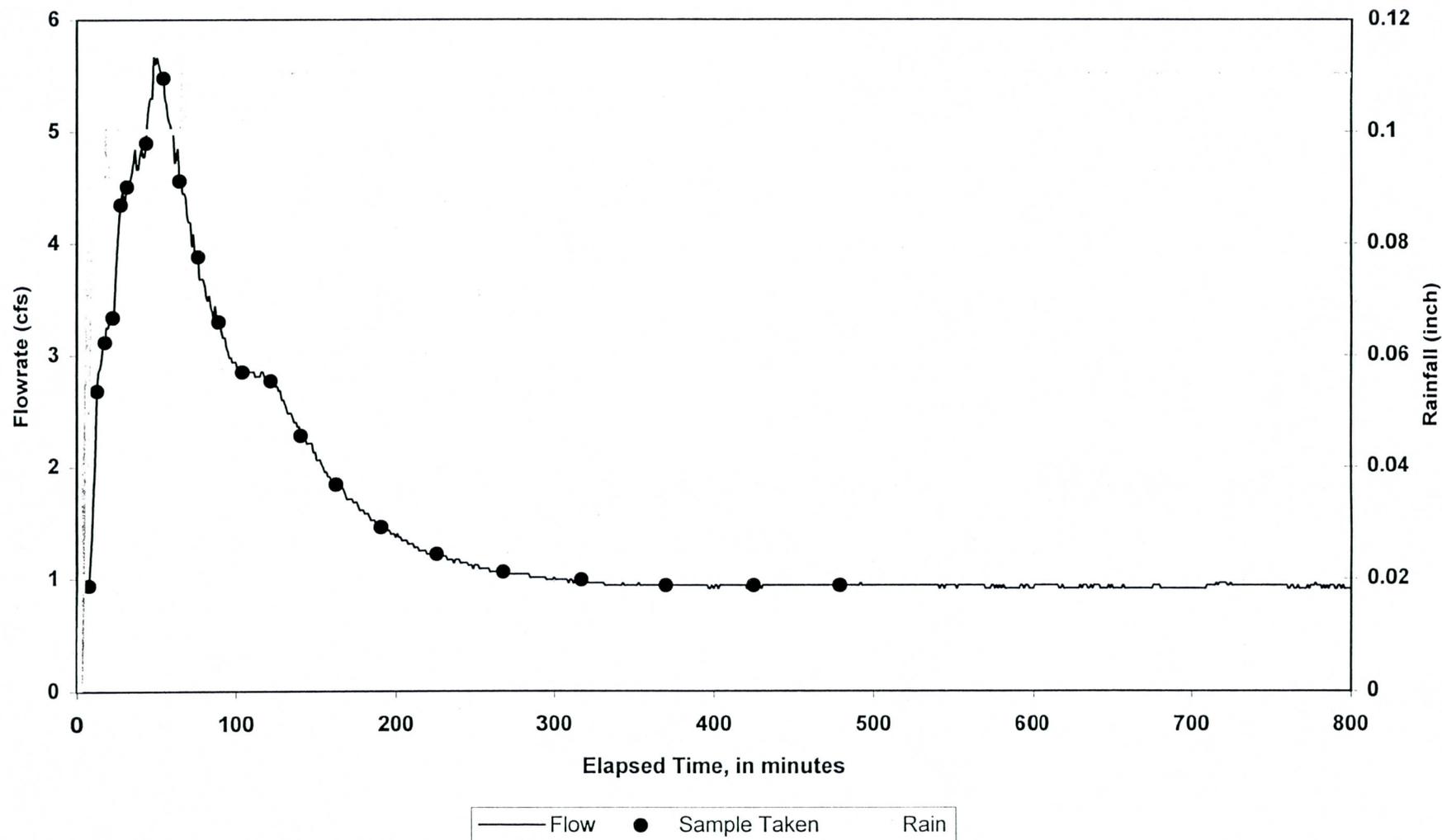
Phoenix SR-49: 67th Avenue at Salt River
12 April 1998



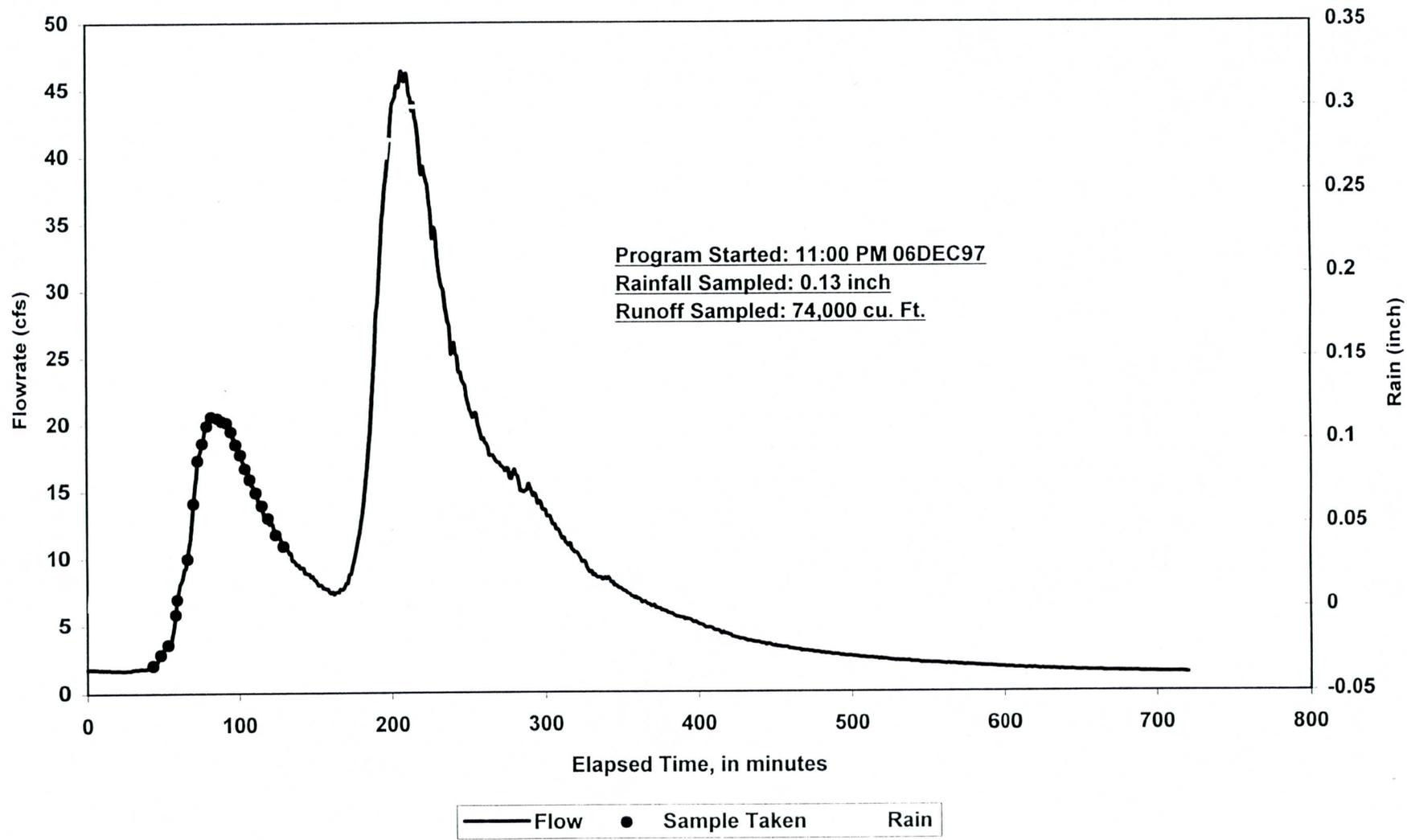
IB-08

Indian Bend Wash at 40th Street

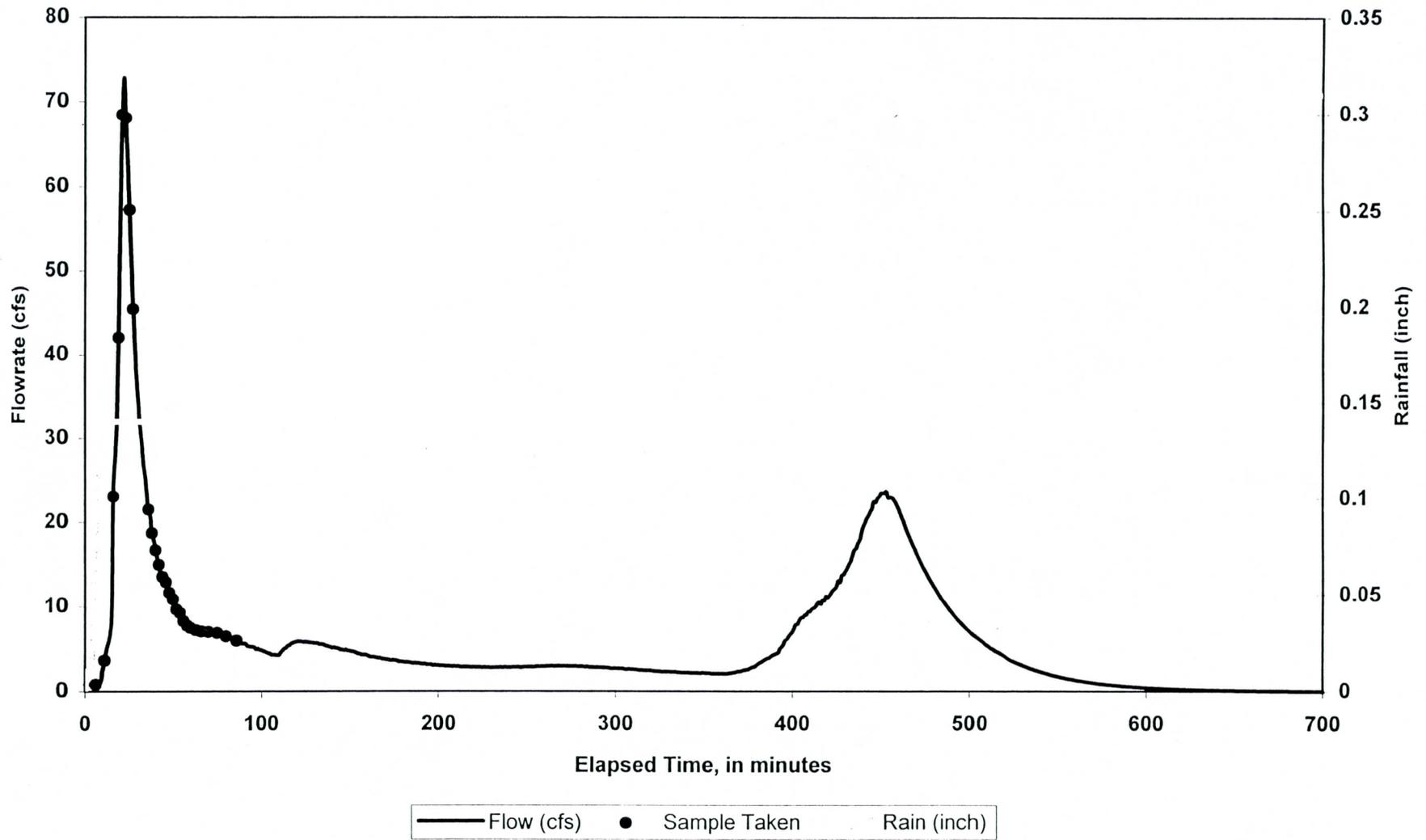
Phoenix IB-08: Indian Bend Wash and 40th Street
30 August 1997



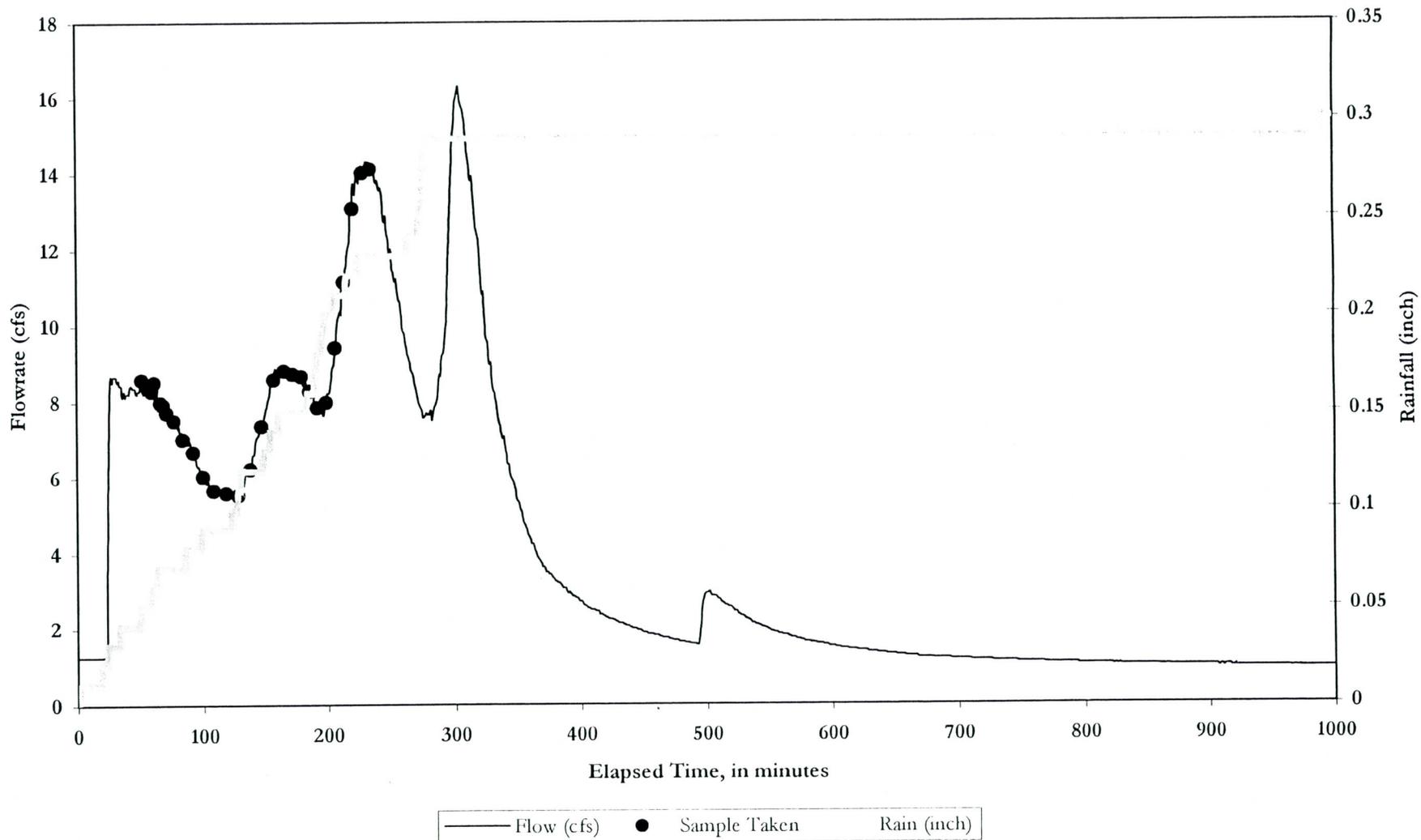
Phoenix IB-08: Indian Bend Wash and 40th Street
07 December 1997



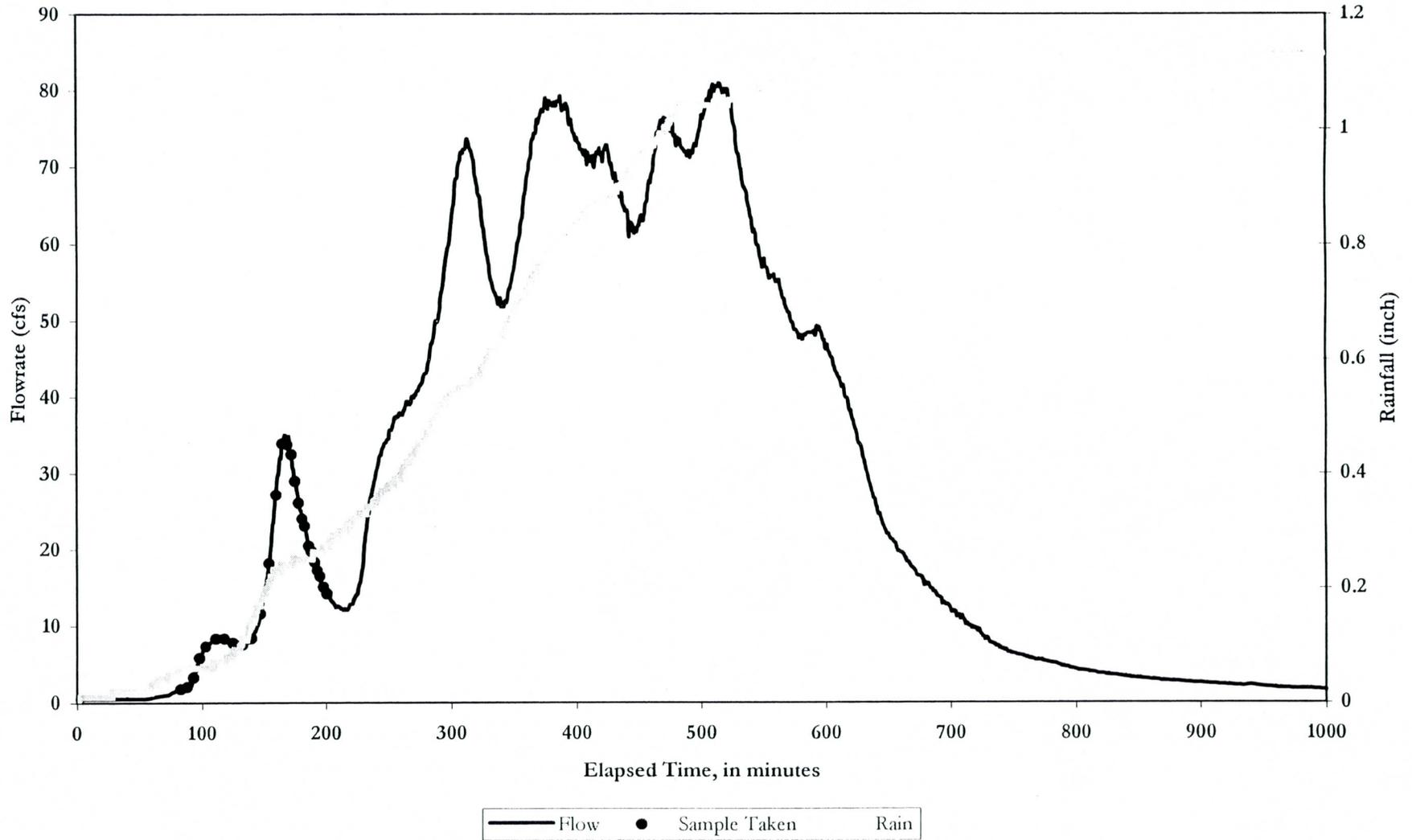
Phoenix IB-08: Indian Bend Wash and 40th Street
21 December 1997



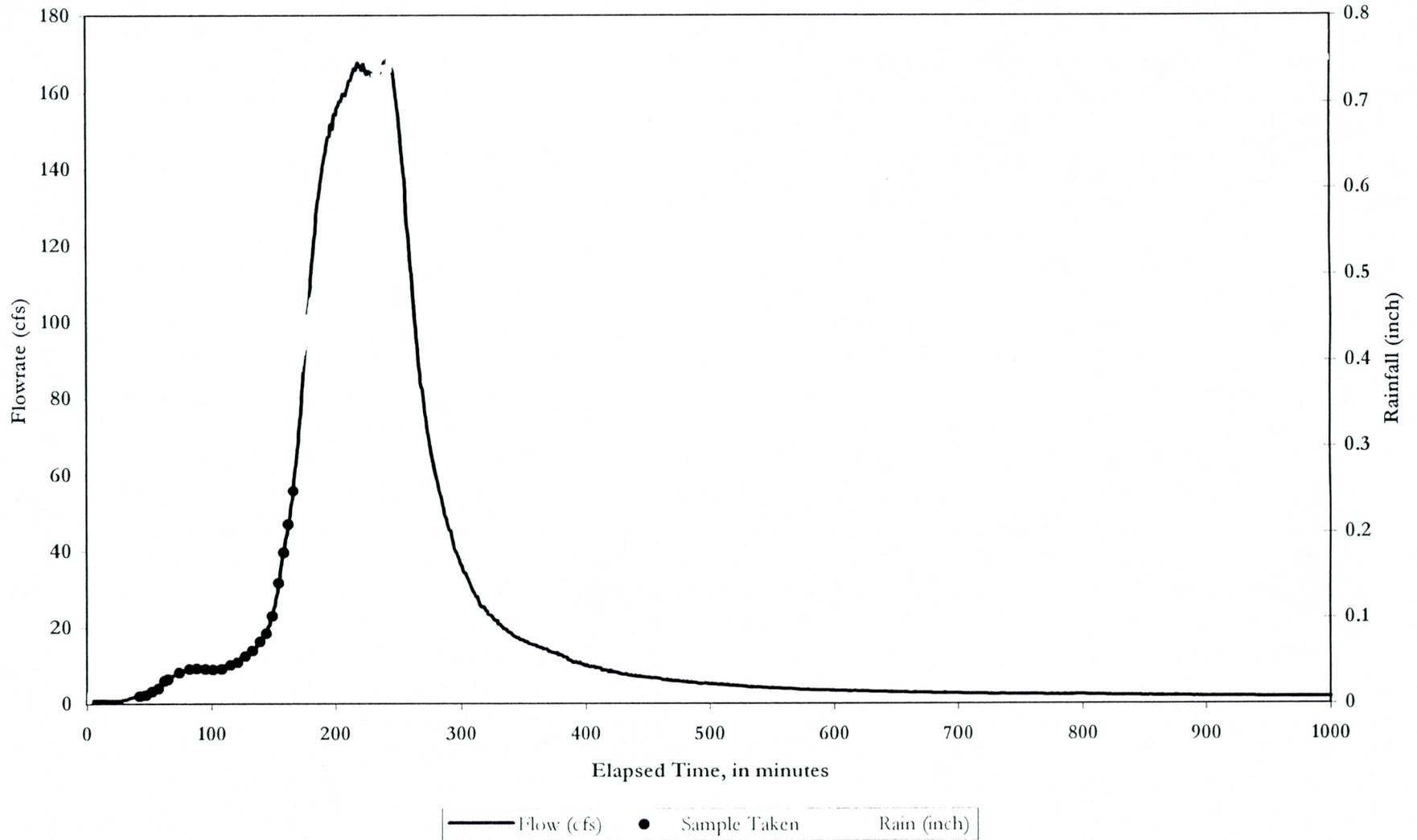
Phoenix IB-08: Indian Bend Wash and 40th Street
10 January 1998



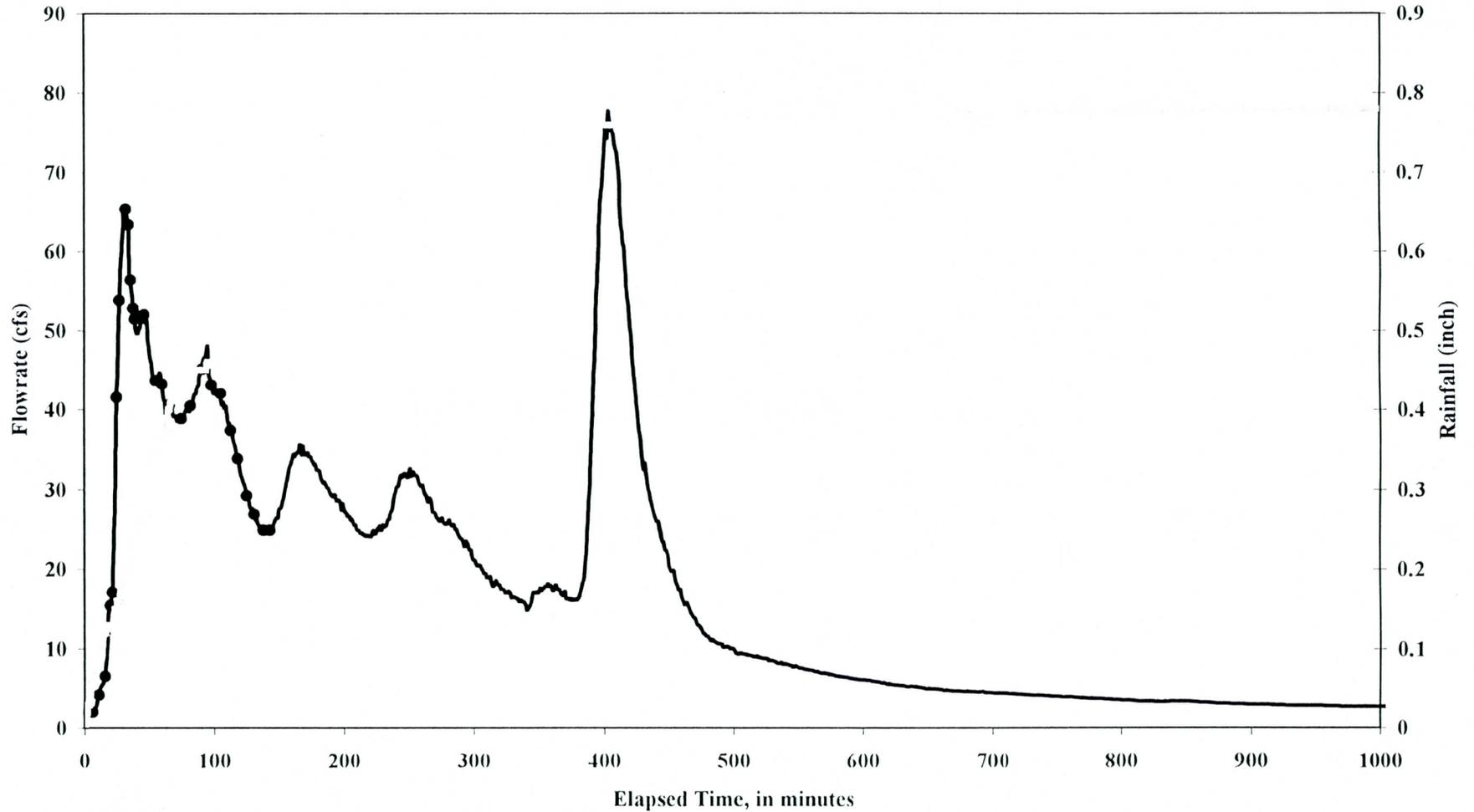
Phoenix IB-08: 40th Street at Indian Bend Wash
04 February 1998



Phoenix IB-08: 40th Street at Indian Bend Wash
15 February 1998

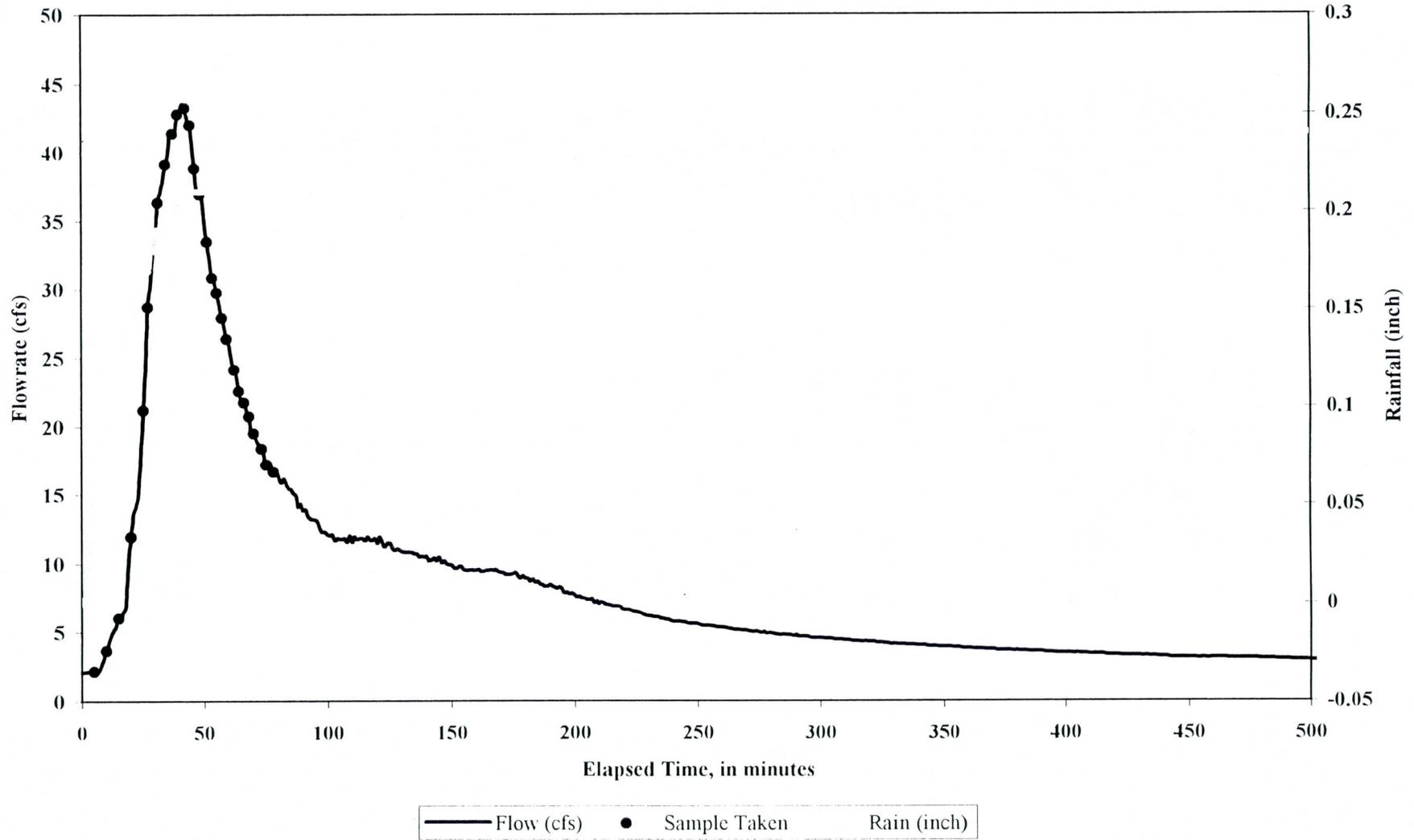


Phoenix IB-08: 40th Street at Indian Bend Wash
26 March 1998



— Flow (cfs) ● Sample Taken Rain (inch)

Phoenix IB-08: 40th Street at Indian Bend Wash
01 April 1998



**PRECIPITATION
DATA**

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 1997

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
1						.04							
2			.08			.04							
3		.04											
4								.35					
5													
6			.08										
7						.16							
8		.12				.04		.28					
9		.04						.24					
10							.20						
11			.12										
12													
13													
14					.04				.04				
15								.28	.08				
16													
17		.04						.12					
18								.08					
19													
20								.16					
21				.16		.08							
22				.08		.08							
23													
24								.28					
25													
26		.04											
27													
28													
29													
30													
31		.04											
SUM	0.00	0.31	0.28	0.24	0.04	0.43	0.20	1.77	0.12	----	----	----	
ACC	0.00	0.31	0.59	0.83	0.87	1.30	1.50	3.27	3.39	3.39	3.39	3.39	
MAX	0.00	0.12	0.12	0.16	0.04	0.16	0.20	0.35	0.08	----	----	----	
NO.	0	6	3	2	1	6	1	8	2	----	----	----	
												Maximum Daily Rainfall	0.35
												Maximum Monthly Rainfall	1.77
												Total Annual Rainfall	3.39
												Number of Days with Rain	29

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at ParadiseValley Park (gage # 4650) for Water Year 1997

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1						.08				.20		
2												
3		.35						.04				
4							.04	1.42				
5												
6						.08			.04			
7						.35		.04				
8		.04				.04		.63				
9		.08						.43				
10							.20					
11			.67				.04					
12										.16		
13											.04	
14					.04			.08	.04			
15								.63	.12			
16												
17								.63	.20			
18									.04			
19												
20								.24				
21				.04		.28						
22						.43						
23												
24								.67				
25								.04				
26		.04							.55			
27									.04			
28									.31			
29									.16			
30												
31												
SUM	0.00	0.51	0.67	0.04	0.04	1.26	0.28	4.84	1.50	0.35	0.04	0.00
ACC	0.00	0.51	1.18	1.22	1.26	2.52	2.80	7.64	9.13	9.49	9.53	9.53
MAX	0.00	0.35	0.67	0.04	0.04	0.43	0.20	1.42	0.55	0.20	0.04	0.00
NO.	0	4	1	1	1	6	3	11	9	2	1	0
								Maximum Daily Rainfall				1.42
								Maximum Monthly Rainfall				4.84
								Total Annual Rainfall				9.53
								Number of Days with Rain				39

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Thomas @ 48th St. (gage # 4750) for Water Year 1997

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
1						.08							
2						.04							
3		.47											
4								.94					
5													
6			.08			.04							
7						.28		.04					
8		.24				.04		.51					
9		.04						.31					
10							.39						
11			.35			.04							
12			.04										
13													
14					.04			.04	.16				
15			.04					.51	.08				
16													
17								.67	.08				
18								.04					
19						.08							
20								.24					
21				.04		.16							
22						.35							
23						.04							
24								.31					
25			.04										
26		.28											
27													
28													
29													
30	.04	.04											
31	.04												
SUM	0.08	1.06	0.55	0.04	0.04	1.10	0.43	3.62	0.31	----	----	----	
ACC	0.08	1.14	1.69	1.73	1.77	2.87	3.31	6.93	7.24	7.24	7.24	7.24	
MAX	0.04	0.47	0.35	0.04	0.04	0.35	0.39	0.94	0.16	----	----	----	
NO.	2	5	5	1	1	9	2	10	3	----	----	----	
												Maximum Daily Rainfall	0.94
												Maximum Monthly Rainfall	3.62
												Total Annual Rainfall	7.24
												Number of Days with Rain	38

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Cave Buttes Dam (gage # 4900) for Water Year 1997

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
1										.12			
2													
3		.59						.08					
4								1.10					
5													
6						.16							
7						.51		.08					
8		.16				.04		.43					
9		.04						.20					
10							.28						
11			.31							.04			
12										.04			
13											.04		
14					.04			.08					
15								.47	.12	.04			
16													
17		.12						.67					
18								.04	.04				
19													
20								.24					
21						.20							
22						.47							
23													
24								.47					
25													
26									.55				
27													
28									.24				
29									.24				
30									.20				
31													
SUM	0.00	0.91	0.31	0.00	0.04	1.38	0.28	3.86	1.38	0.24	0.04	0.00	
ACC	0.00	0.91	1.22	1.22	1.26	2.64	2.91	6.77	8.15	8.39	8.43	8.43	
MAX	0.00	0.59	0.31	0.00	0.04	0.51	0.28	1.10	0.55	0.12	0.04	0.00	
NO.	0	4	1	0	1	5	1	11	6	4	1	0	
												Maximum Daily Rainfall	1.10
												Maximum Monthly Rainfall	3.86
												Total Annual Rainfall	8.43
												Number of Days with Rain	34

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Adobe Dam (gage # 5535) for Water Year 1997

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
1										.04			
2													
3		.12						.08					
4								.87					
5													
6						.04							
7						.67		.08					
8		.24				.04		.51					
9		.04						.12					
10							.28						
11			.83							.04			
12										.08			
13											.04		
14								.08					
15								.55	.08				
16													
17								.83	.24				
18													
19													
20								.08					
21						.08							
22						.28							
23													
24								.43					
25													
26									.75				
27													
28									.35				
29									.16				
30													
31													
SUM	0.00	0.39	0.83	0.00	0.00	1.10	0.28	3.62	1.57	0.16	0.04	0.00	
ACC	0.00	0.39	1.22	1.22	1.22	2.32	2.60	6.22	7.80	7.95	7.99	7.99	
MAX	0.00	0.24	0.83	0.00	0.00	0.67	0.28	0.87	0.75	0.08	0.04	0.00	
NO.	0	3	1	0	0	5	1	10	5	3	1	0	
												Maximum Daily Rainfall	0.87
												Maximum Monthly Rainfall	3.62
												Total Annual Rainfall	7.99
												Number of Days with Rain	29

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Deer Valley Airport (gage # 5550) for Water Year 1997

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
1										.16			
2						.04							
3		.47						.04					
4								1.22					
5			.16										
6			.04			.12							
7						.63		.08	.04				
8		.24				.04		.55					
9		.04						.24					
10													
11			.98							.04			
12										.04			
13											.04		
14					.04			.08	.16				
15								.67	.08	.04			
16													
17		.04						.75	.12				
18								.04					
19													
20								.16					
21				.04									
22													
23													
24								.75					
25			.04										
26									.98				
27													
28									.39				
29									.24				
30		.31											
31													
SUM	0.00	1.10	1.22	0.04	0.04	0.83	0.00	4.57	2.01	0.28	0.04	----	
ACC	0.00	1.10	2.32	2.36	2.40	3.23	3.23	7.83	9.84	10.12	10.16	10.16	
MAX	0.00	0.47	0.98	0.04	0.04	0.63	0.00	1.22	0.98	0.16	0.04	----	
NO.	0	5	4	1	1	4	0	11	7	4	1	----	
												Maximum Daily Rainfall	1.22
												Maximum Monthly Rainfall	4.61
												Total Annual Rainfall	10.16
												Number of Days with Rain	38

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Skunk Creek @ I-17 (gage # 5565) for Water Year 1997

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
1										.12			
2													
3		.67						.12					
4							.04	1.02					
5			.04										
6						.08							
7						.83		.08					
8		.28				.08		.47					
9		.04						.20					
10							.35						
11			.39							.12			
12										.04			
13											.12		
14		.08			.04			.12	.08				
15								.63	.08				
16													
17								.87	.16				
18								.04					
19													
20								.08					
21						.12							
22						.35							
23													
24						.08		.39					
25													
26									.67				
27													
28									.28				
29									.28				
30		.04											
31													
SUM	0.00	1.10	0.43	0.00	0.04	1.54	0.39	4.02	1.54	0.28	0.12	----	
ACC	0.00	1.10	1.54	1.54	1.57	3.11	3.50	7.52	9.06	9.33	9.45	9.45	
MAX	0.00	0.67	0.39	0.00	0.04	0.83	0.35	1.02	0.67	0.12	0.12	----	
NO.	0	5	2	0	1	6	2	11	6	3	1	----	
												Maximum Daily Rainfall	1.02
												Maximum Monthly Rainfall	4.02
												Total Annual Rainfall	9.45
												Number of Days with Rain	37

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at South Mountain Park (gage # 6510) for Water Year 1997

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
1						.24				.12			
2													
3		.43											
4								.94					
5			.28										
6			.08			.04			.08				
7						.28							
8		.28				.04		.59					
9	.12	.08						.35					
10							.55						
11			.04										
12													
13											.04		
14					.04			.04	.12				
15								.43	.08				
16													
17								.67					
18								.04					
19	.04												
20								.16					
21				.24		.12							
22						.20							
23													
24								.24					
25			.08										
26		.31							.31				
27													
28									.28				
29									.51				
30		.20											
31													
SUM	0.16	1.30	0.47	0.24	0.04	0.91	0.55	3.46	1.38	0.12	0.04	0.00	
ACC	0.16	1.46	1.93	2.17	2.20	3.11	3.66	7.13	8.50	8.62	8.66	8.66	
MAX	0.12	0.43	0.28	0.24	0.04	0.28	0.55	0.94	0.51	0.12	0.04	0.00	
NO.	2	5	4	1	1	6	1	9	6	1	1	0	
												Maximum Daily Rainfall	0.94
												Maximum Monthly Rainfall	3.46
												Total Annual Rainfall	8.66
												Number of Days with Rain	37

