Stormwater Quality Report

Data through June 30, 1997

For

City of Mesa, Arizona

Flood Control District of MC Library
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2801 W. Durango
Phoenix, AZ 85009

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July 31, 1997

Prepared by:
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Phoenix, Arizona 85009
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Abbreviations:

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

Definitions:

Fiscal Year – July 1 through June 30.

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

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

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

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

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

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

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

SITE DESCRIPTIONS

Mesa 1
Horne and Sixth Street

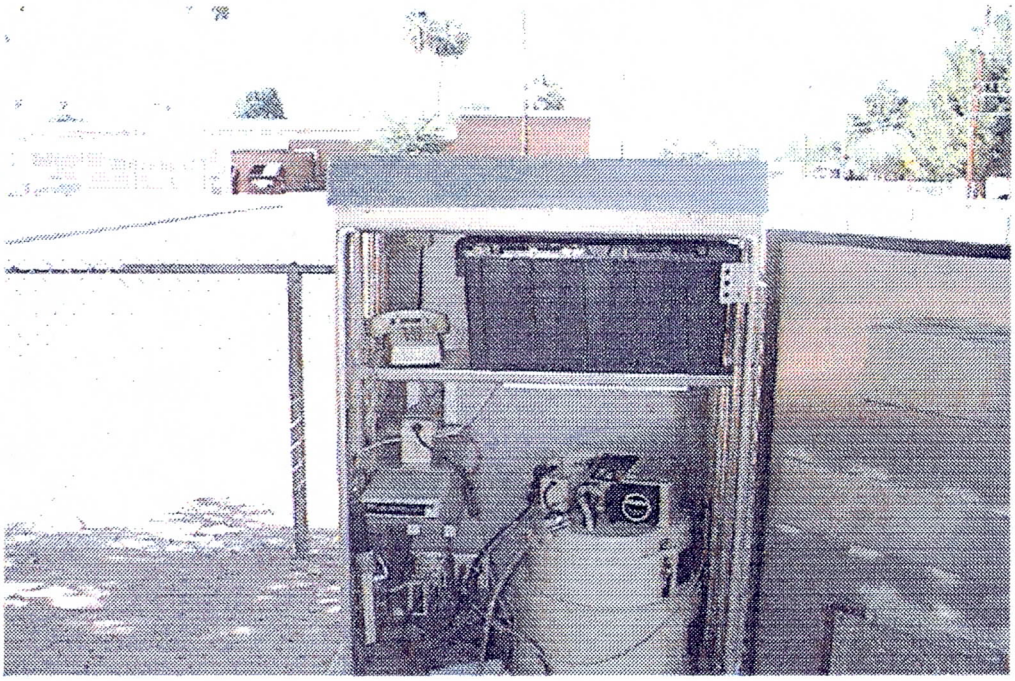
S14 T1N R5E

Southeast corner of Horne and Sixth Street

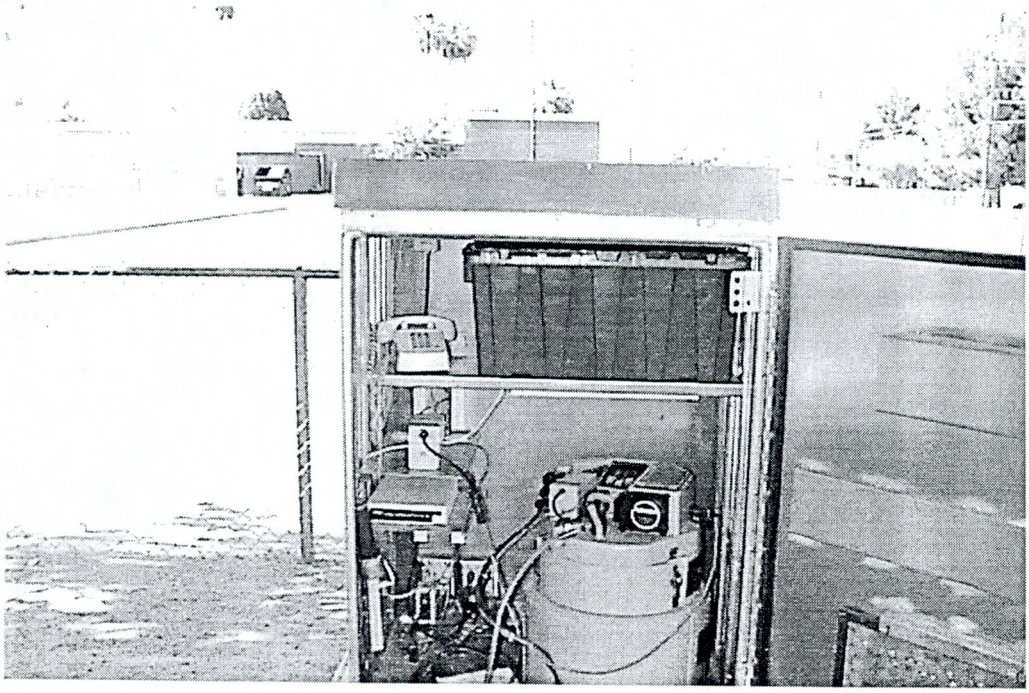
Site Description: **Gage collects runoff from a residential land use sub basin, approximately 193 acres. The storm drain is a 36 inch concrete pipe.**

Equipment: **Sigma 800SL automatic sampler with integral flowmeter. An external autodialer and modem are attached for communications. Electric power and telephone service is available at this site.**

Mesa 1: Horne and Sixth Street



Mesa 1: Horne and Sixth Street



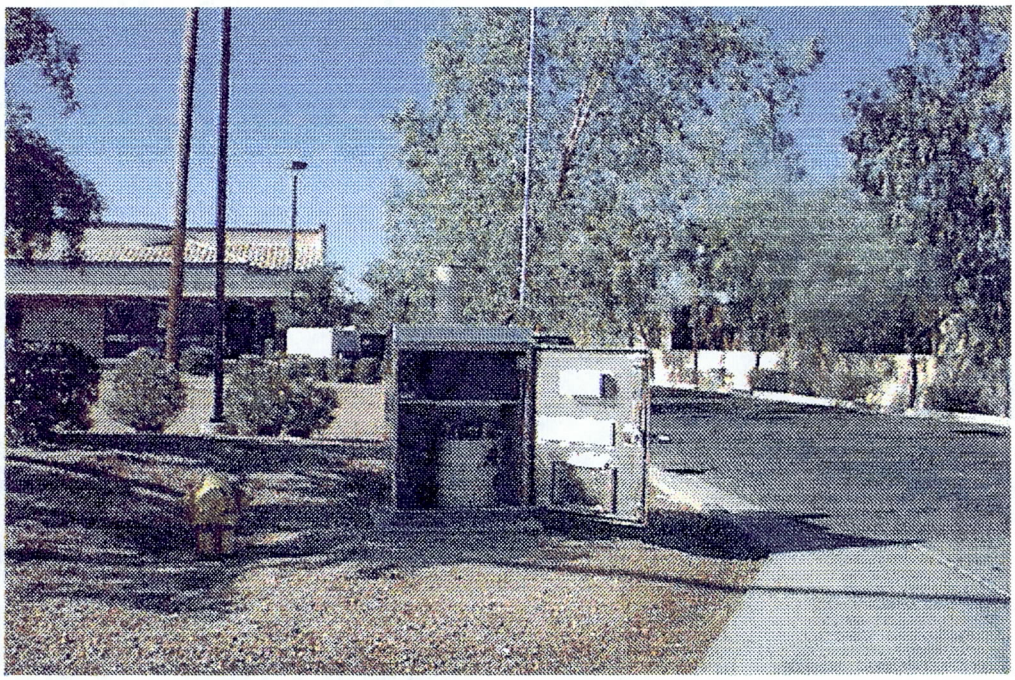
Mesa 2
Broadway Road west of Lindsay

S30 T1N R6E

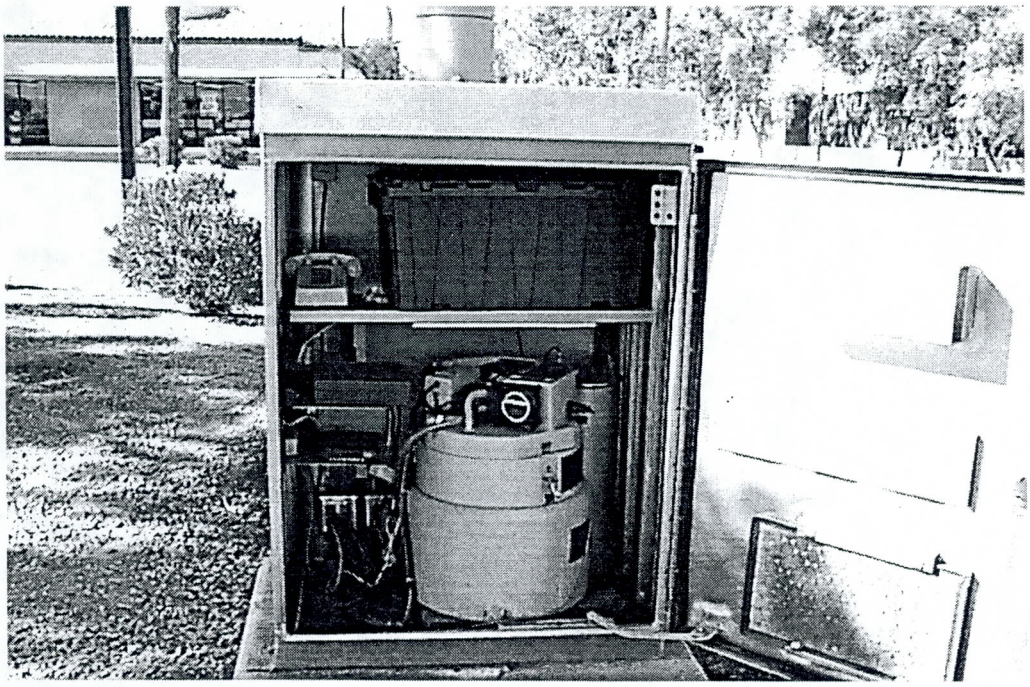
Northwest corner of shopping center at southwest corner of Broadway and Lindsay Roads.

Site Description:	**Gage collects runoff from a residential land use sub basin, approximately 145 acres. The storm drain is a 72 inch concrete pipe.**
Equipment:	**Sigma 800SL automatic sampler with integral flowmeter. An external autodialer and modem are attached for communications. Electric power and telephone service is available at this site.**

Mesa 2: Broadway Road west of Lindsay



Mesa 2: Broadway Road west of Lindsay



Mesa 3
Falcon Field

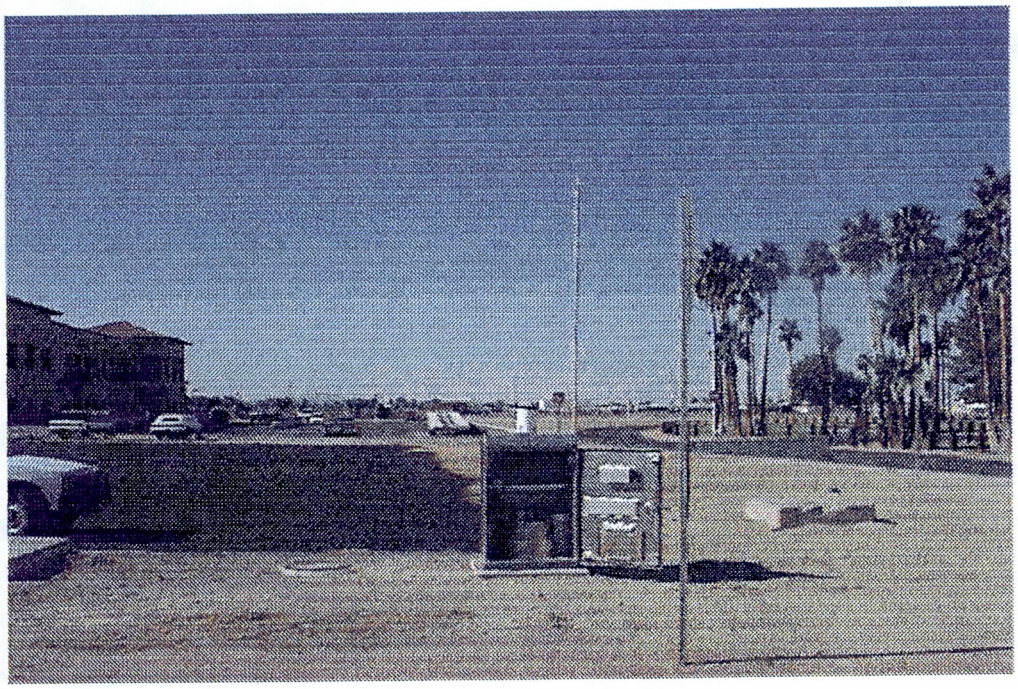
S03 T1N R6E

Northeast corner of Falcon Park at Falcon Field airport.

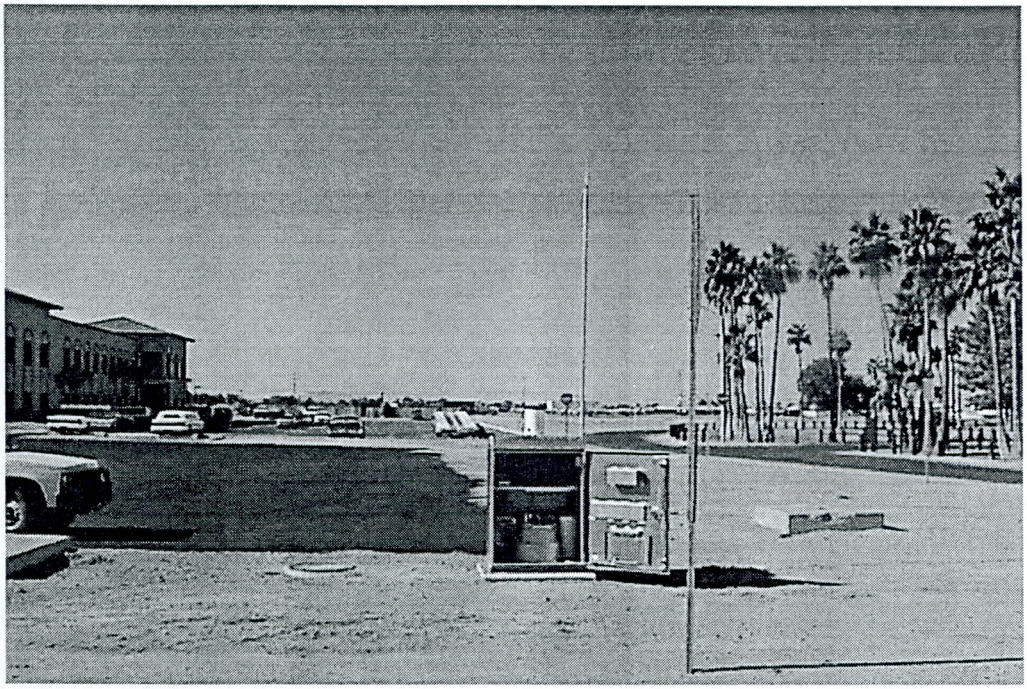
Site Description: **Gage collects runoff from a residential land use sub basin, approximately 171 acres. The storm drain is a 48 inch concrete pipe.**

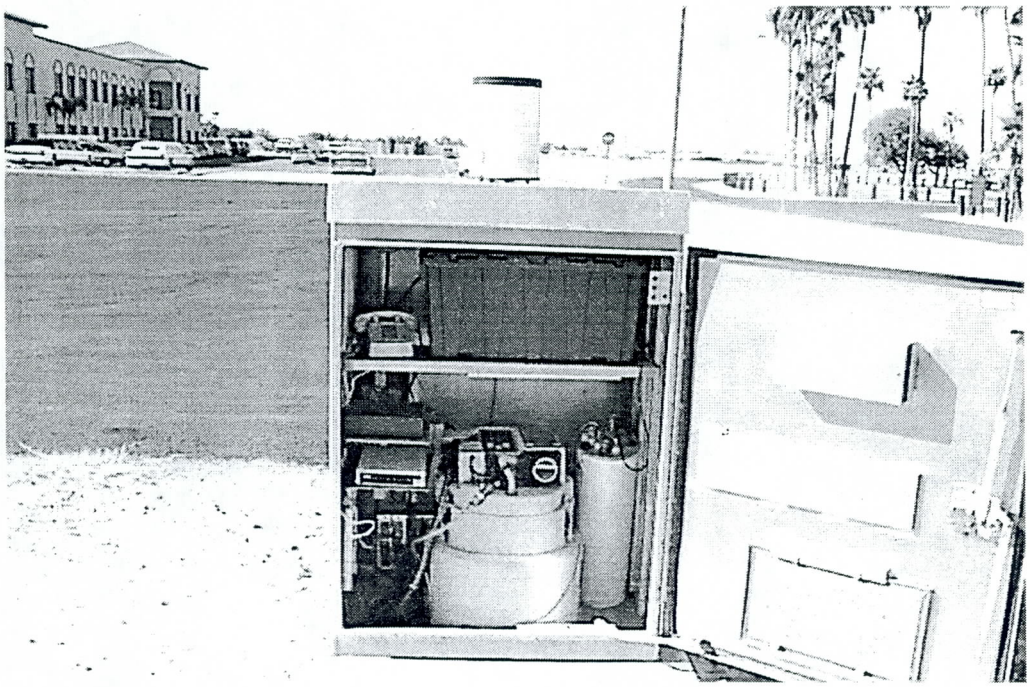
Equipment: **Sigma 800SL automatic sampler with integral flowmeter. An external autodialer and modem are attached for communications. Electric power and telephone service is available at this site.**

Mesa 3: Falcon Field



Mesa 3: Falcon Field





Mesa 4
Horne and Grandview

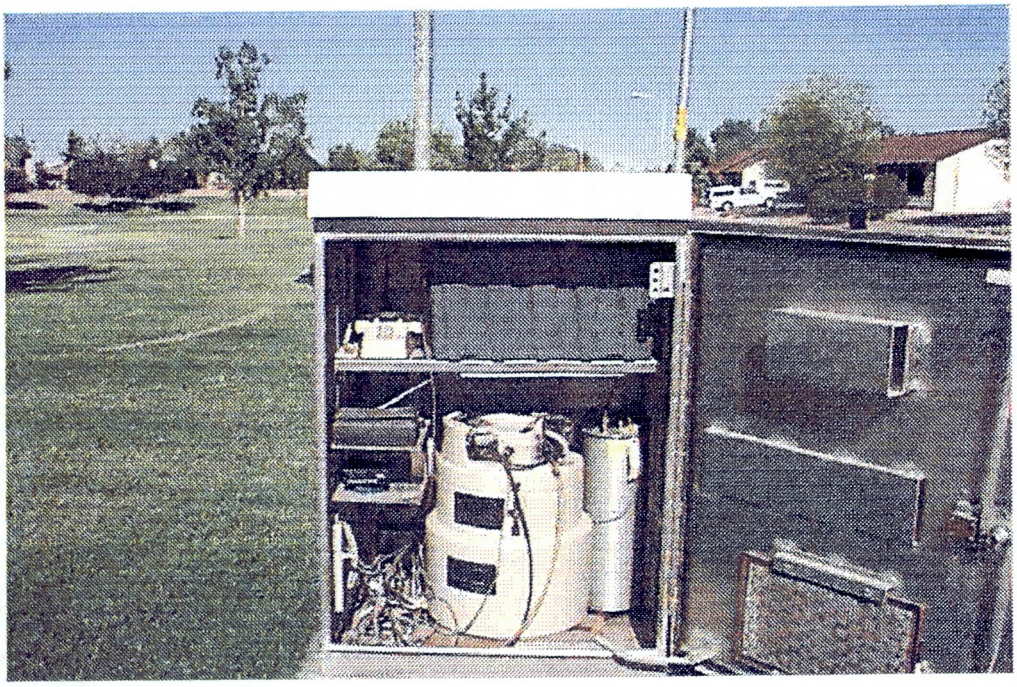
S11 T1N R5E

Southwest corner of Horne and Grandview

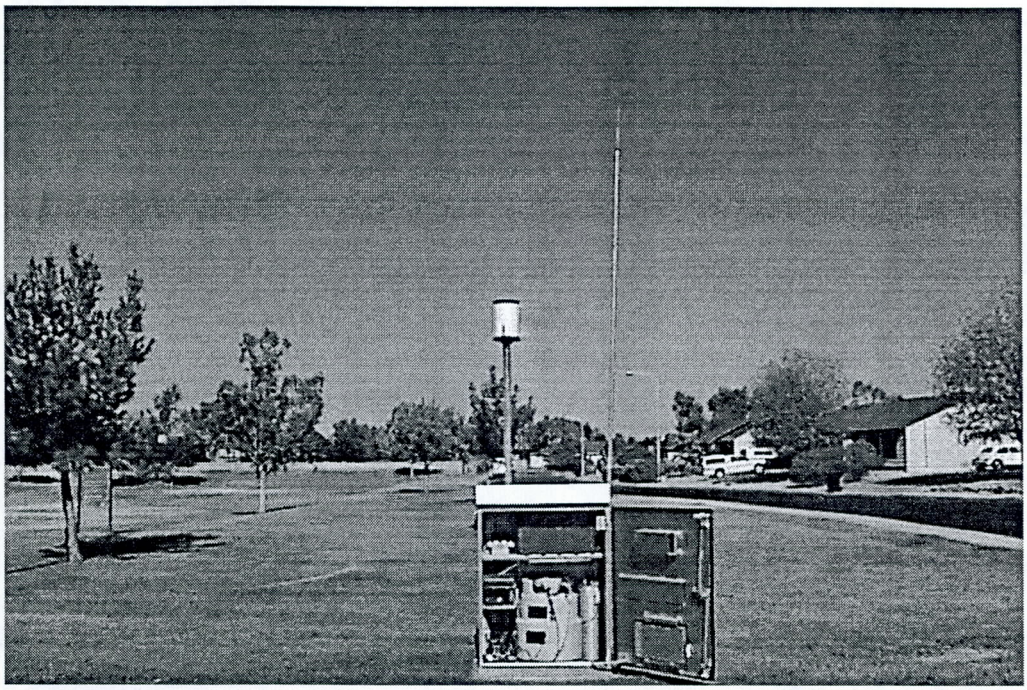
Site Description: **Gage collects runoff from a residential land use sub basin, approximately 66 acres. The storm drain is a 54 inch concrete pipe.**

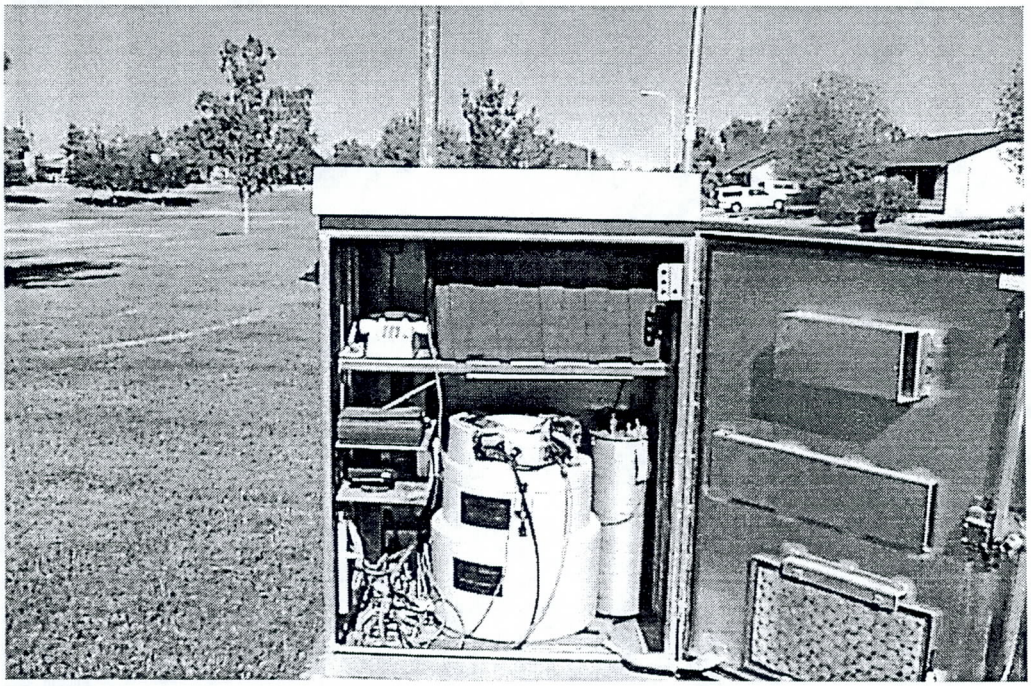
Equipment: **Sigma 800SL automatic sampler with integral flowmeter. An external autodialer and modem are attached for communications. Electric power and telephone service is available at this site.**

Mesa 4: Horne and Grandview



Mesa 4: Horne and Grandview





Mesa 5
Dobson Road south of Broadway

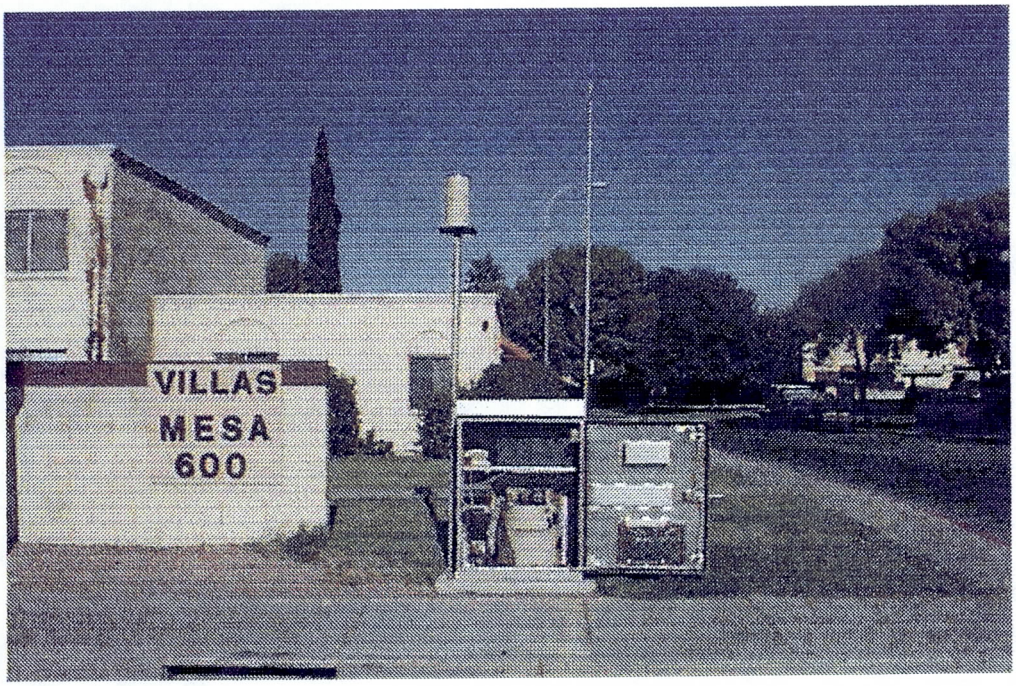
S30 T1N R5E

Approximately ¼ mile south of Broadway on west side of Dobson Road

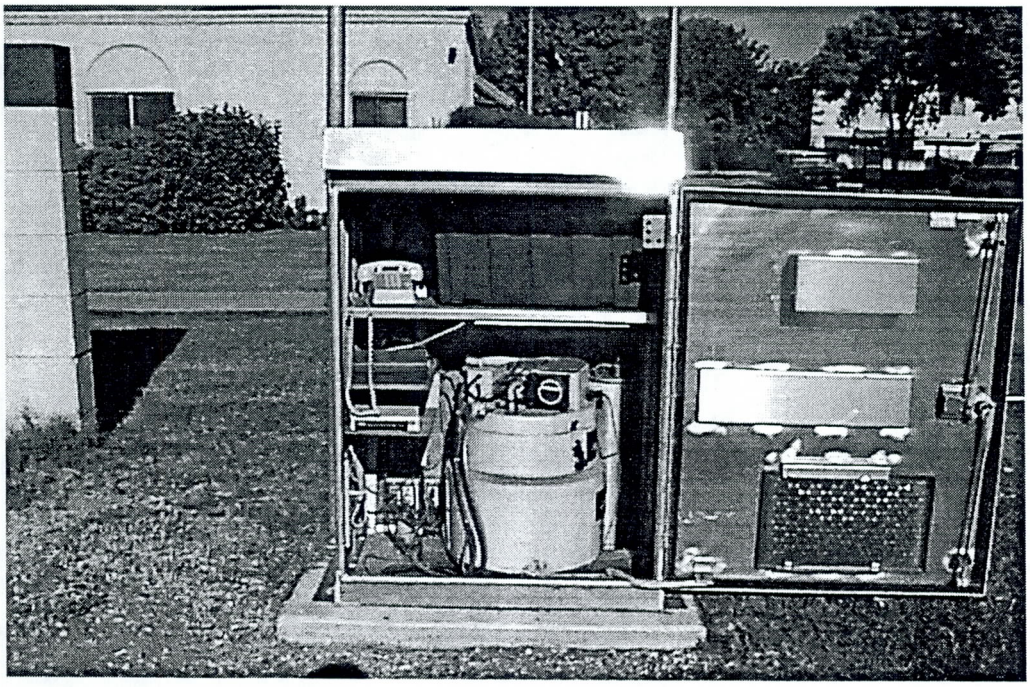
Site Description: **Gage collects runoff from a residential land use sub basin, approximately 62 acres. The storm drain is a 30 inch concrete pipe.**

Equipment: **Sigma 800SL automatic sampler with integral flowmeter. An external autodialer and modem are attached for communications. Electric power and telephone service is available at this site.**

Mesa 5: Dobson Road south of Broadway



Mesa 5: Dobson Road south of Broadway



POLLUTANT LOADING

Mesa 1
Horne and Sixth Street

Mesa 1 - Horne and Sixth Street	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
BOD5 (mg/l)	74.4	155	180	130	291300	75000	57100	22500	234200	52500
COD High Level (mg/l)	123	125	170	57	404300	70100	128500	52300	275800	17800
Chloride (mg/l as Cl)	8.9	11	15.5	6.5	30100	6500	9000	4400	21000	2100
Cyanide Total (mg/l as Cn)	0	0	0	0	0	0	0	0	0	0
Solids Residue at 180 Deg. C (TDS) (mg/l)	116	149	189	88.5	388200	88300	139800	59500	248300	28700
Residue, Total at 105 Deg. C (TSS) (mg/l)	106	190	271	68	387600	106700	157100	85300	230500	21400
Nitrogen No2 + No3, Total (mg/l as N)	0.96	1.23	1.60	0.67	3000	600	1100	400	1800	200
TKN Nitrogen (mg/l as N)	2.84	3.9	4.67	2.75	10600	2300	3300	1400	7200	800
Nitrogen, Ammonia + Organic, Total (mg/l as N)	2.46	3.9	4.67	2.75	9300	2300	2900	1400	6400	800
Nitrogen Nitrate Total (mg/l as N)	1.10	1.23	1.6	0.67	1800	600	900	400	900	200
Nitrogen Nitrite Total (mg/l as N)	0.24	0	0	0	0	0	0	0	0	0
Nitrogen Ammonia Total (mg/l as N)	1.38	1.85	1.71	2.06	2400	1200	800	500	1600	600
Nitrogen Organic Total (mg/l as N)	1.81	2.05	2.95	0.69	1800	1100	900	900	900	200
Phosphorous Total (mg/l as P)	0.43	0.45	0.53	0.34	1300	200	400	100	900	100
Phosphorous Dissolved (mg/l as P)	0.27	0.36	0.43	0.30	800	100	200	0	500	0
Phosphorous Ortho (mg/l as P)	0	0	0	0	0	0	0	0	0	0
Sulfate Dissolved (mg/l)	11.5	11.3	22	6	34400	3900	8300	2000	26000	1900
Hexavalent Chromium Total (mg/l)	0	0	0	0	0	0	0	0	0	0
Phenols Total Recoverable (ug/l)	15.5	16.7	18	14	26	8	9	6	16	2
Oil and Grease Total Recoverable (mg/l)	33.2	8.5	8.5	0	97300	2800	77700	2800	19500	0
Organic Carbon, Total (mg/l)	40.3	40.3	55.5	25	19400	19400	11400	11400	8000	8000
Bicarbonate Whole Field (mg/l as HCo3)	0	0	0	0	0	0	0	0	0	0
Bicarbonate Dissolved, Field (mg/l as HCo3)	0	0	0	0	0	0	0	0	0	0
Carbonate Water Field (mg/l as Co3)	0	0	0	0	0	0	0	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)	0	0	0	0	0	0	0	0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)	0	0	0	0	0	0	0	0	0	0
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	0	0	0	0	0	0	0	0	0	0
Alkalinity LAB (mg/l as CaCo3)	40.8	43.2	55.3	25	37600	27000	19000	19000	18500	7900
Silica Dissolved (mg/l as SiO2)	0	0	0	0	0	0	0	0	0	0
Hardness (mg/l)	72.1	88	122	37.5	60500	49000	37100	37100	23400	11900
Antimony (ug/l as Sb)	0	0	0	0	0	0	0	0	0	0
Antimony Dissolved (ug/l as Sb)	0	0	0	0	0	0	0	0	0	0
Arsenic Total (ug/l as As)	10	10	10	0	0	0	0	0	0	0
Arsenic Dissolved (ug/l as As)	0	0	0	0	0	0	0	0	0	0
Barium Dissolved (ug/l as Ba)	0	0	0	0	0	0	0	0	0	0
Beryllium Total Recoverable (ug/l as Be)	2	2	2	0	0	0	0	0	0	0
Beryllium Dissolved (ug/l as Be)	0	0	0	0	0	0	0	0	0	0
Cadmium Total Recoverable (ug/l as Cd)	5.5	5.5	6	5	1	1	0	0	0	0
Cadmium Dissolved (ug/l as Cd)	0.7	0	0	0	0	0	0	0	0	0
Calcium Dissolved (mg/l as Ca)	8.6	0	0	0	0	0	0	0	0	0
Chromium Total Recoverable (ug/l as Cr)	120	27	27	0	21	2	2	2	18	0
Chromium Dissolved (ug/l as Cr)	6	0	0	0	0	0	0	0	0	0
Cobalt Dissolved (ug/l as Co)	0	0	0	0	0	0	0	0	0	0

Mesa 1 - Horne and Sixth Street	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
Copper, Total Recoverable, (ug/l as Cu)	48.8	45	67.5	22.5	64	19	27	12	36	7
Copper, Dissolved, (ug/l as Cu)	19.7	24.5	24.5	0	6	4	6	4	0	0
Iron, Dissolved, (ug/l as Fe)	0	0	0	0	0	0	0	0	0	0
Lead, Total Recoverable, (ug/l as Pb)	28.6	37.7	86	13.5	20	12	9	7	11	4
Lead, Dissolved, (ug/l as Pb)	16.8	6	6	0	8	0	5	0	2	0
Lithium, Dissolved, (ug/l as Li)	0	0	0	0	0	0	0	0	0	0
Magnesium, Dissolved, (mg/l as Mg)	0.85	0	0	0	0	0	0	0	0	0
Manganese, Dissolved, (ug/l as Mn)	0	0	0	0	0	0	0	0	0	0
Mercury, Total Recoverable, (ug/l as Hg)	0	0	0	0	0	0	0	0	0	0
Mercury, Dissolved, (ug/l as Hg)	0	0	0	0	0	0	0	0	0	0
Molybdenum, Dissolved, (ug/l as Mo)	0	0	0	0	0	0	0	0	0	0
Nickel, Total Recoverable, (ug/l as Ni)	36.7	36.7	40	30	11	11	7	7	4	4
Nickel, Dissolved, (ug/l as Ni)	0	0	0	0	0	0	0	0	0	0
Potassium, Dissolved, (mg/l as K)	2.1	0	0	0	0	0	0	0	0	0
Selenium, Total, (ug/l as Se)	0	0	0	0	0	0	0	0	0	0
Selenium, Dissolved, (ug/l as Se)	0	0	0	0	0	0	0	0	0	0
Silver, Total Recoverable, (ug/l as Ag)	0	0	0	0	0	0	0	0	0	0
Silver, Dissolved, (ug/l as Ag)	0	0	0	0	0	0	0	0	0	0
Sodium, Dissolved, (mg/l as Na)	4.1	0	0	0	0	0	0	0	0	0
Strontium, Dissolved, (ug/l as Sr)	0	0	0	0	0	0	0	0	0	0
Thallium, Total, (ug/l as Tl)	0	0	0	0	0	0	0	0	0	0
Thallium, Dissolved, (ug/l as Tl)	0	0	0	0	0	0	0	0	0	0
Vanadium, Dissolved, (ug/l as V)	0	0	0	0	0	0	0	0	0	0
Zinc, Total Recoverable, (ug/l as Zn)	183	255	380	130	480	110	131	69	349	41
Zinc, Dissolved, (ug/l as Zn)	94.4	67.5	80	55	182	31	51	14	131	17
Diazinon, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Ethion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Malathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Trithion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-syston, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phorate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
DEF, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Fonofos(Dy-fonate), WWT, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aldrin, Total, (ug/l)	10.7	0	0	0	4.3	0	0	0	4.3	0
BHC - ALPHA, (ug/l)	0	0	0	0	0	0	0	0	0	0
BHC - Gamma (Lindane), (ug/l)	0	0	0	0	0	0	0	0	0	0
BHC - DELTA, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1016, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1221, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1232, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

Mesa 1 - Horne and Sixth Street	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
Aroclor 1242, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1248, PCB, Total, (ug/l)	2.7	0	0	0	0	0	0	0	0	0
Aroclor 1254, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1260, PCB, Total, (ug/L)	0	0	0	0	0	0	0	0	0	0
Chlordane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
P,P' DDD, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
P,P' DDE, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
P, P' DDT, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dieldrin, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Alpha, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Beta, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Sulfate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endrin Aldehyde, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endrin, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Heptachlor, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Heptachlor Epoxide, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Toxaphene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methoxychlor, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Beta Benzene Hexachloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,1,2-Tetrachloroethane, Total,(ug/l)	0	0	0	0	0	0	0	0	0	0
Tetrachloroethene, PCE, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,1- Trichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,2- Trichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Trichloroethene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1- Dichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1- Dichloroethene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2- Dichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2- Dichloropropane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2- Chloroethylvinyl Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
cis-1,3-Dichloropropene, (ug/l)	0	0	0	0	0	0	0	0	0	0
trans-1,2- Dichloroethene, (ug/l)	0	0	0	0	0	0	0	0	0	0
trans-1,3- Dichloropropene, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bromodichloromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bromoform, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Carbon Tetrachloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chloroethane, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chloroform, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Ethyl-Benzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methylene Chloride, Total, (ug/l)	1.4	0	0	0	0	0	0	0	0	0
Toluene, Total, (ug/l)	2.85	0	0	0	0	0	0	0	0	0

Mesa 1 - Horne and Sixth Street	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
Trichlorofluoromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Vinyl Chloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorodibromomethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	0	0	0	0	0	0	0	0	0	0
Acetone, Total, (ug/l)	35.1	0	0	0	28.9	0	0	0	28.9	0
2-Butanone, (ug/l)	12	0	0	0	2.7	0	0	0	2.7	0
Carbon Disulfide, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2 Dichloroethene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Xylenes, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Hexanone, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Styrene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acrolein, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acrylonitirile, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bromobenzene, Water Whole, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,3-Dichloropropane, Water Whole, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Bromide, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Chloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parachloro Toluene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dibromoethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acenaphthene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acenaphthylene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Anthracene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzidine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzoic Acid, Total, (ug/l)	13.7	13.7	11	15	5.8	5.8	1	1	4.8	4.8
Benzo (a) Anthracene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (b) Fluoranthene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (k) Fluoranthene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (ghi) Perylene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (a) Pyrene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzyl Alcohol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	44.8	54.3	35.5	73	37.9	36.4	12.8	12.8	25	23.5
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Butyl Benzyl Phthalate, Total, (ug/l)	94	94	0	94	14.2	14.2	0	0	14.2	14.2
2-Chloronapthalene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Chlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chrysene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-N-Butyl Phthalate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,3- Dichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

Mesa 1 - Horne and Sixth Street	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
1,4- Dichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2- Dichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
3,3'- Dichlorobenzidine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4- Dichlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Diethyl Phthalate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4- Dimethylphenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dimethyl Phthalate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4- Dinitrophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4- Dinitrotoluene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,6- Dinitrotoluene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-N-Octyl-Phthalate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Fluoranthene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Fluorene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Hexachlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Hexachlorobutadiene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Hexachlorocyclopentadiene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Hexachloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Isophorone, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Naphthalene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Nitrobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Nitrophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
4-Nitrophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
N-Nitrosodiphenylamine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Pentachlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phenanthrene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Pyrene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2,4-Trichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4,5- Trichlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4,6- Trichlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
N-Nitrosodimethylamine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2- Diphenylhydrazine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dichlorodifluoromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parachloro-Meta-Cresol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

Mesa 2
Broadway Road west of Lindsay

Mesa 2 - Broadway and Lindsay	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
BOD5 (mg/l)	35.7	119	176	34.5	289600	181800	199000	168400	90500	13400
COD High Level (mg/l)	125	73.5	77.1	59	1056500	108900	363900	95300	692600	13500
Chloride (mg/l as Cl)	9.14	8.6	9	8	63400	11800	23000	8500	40300	3300
Cyanide Total (mg/l as Cn)	0	0	0	0	0	0	0	0	0	0
Solids Residue at 180 Deg. C (TDS) (mg/l)	144	111	104	126	1116300	161800	351000	109400	765200	52400
Residue, Total at 105 Deg. C (TSS) (mg/l)	85.6	131	183	25.5	708900	187700	345500	177000	363300	10600
Nitrogen No2 + No3, Total (mg/l as N)	1.02	1.63	1.98	0.94	8000	2800	3400	2400	4600	300
TKN Nitrogen (mg/l as N)	4.14	4.78	4.90	4.54	31700	6800	11800	4800	19900	1900
Nitrogen, Ammonia + Organic, Total (mg/l as N)	3.32	4.78	4.90	4.54	26200	6800	8100	4800	18100	1900
Nitrogen Nitrate Total (mg/l as N)	1.34	1.60	1.94	0.94	5700	2700	3000	2300	2600	300
Nitrogen Nitrite Total (mg/l as N)	0.13	0.12	0.12	0	100	0	100	0	0	0
Nitrogen Ammonia Total (mg/l as N)	1.19	1.22	1.22	1.23	5900	1900	2500	1400	3300	500
Nitrogen Organic Total (mg/l as N)	3.33	3.79	3.68	4.01	8500	5100	3400	3400	5000	1700
Phosphorous Total (mg/l as P)	0.87	0.43	0.46	0.37	6800	600	2400	500	4400	100
Phosphorous Dissolved (mg/l as P)	0.69	0.54	0.68	0.32	5200	700	1500	600	3600	100
Phosphorous Ortho (mg/l as P)	0	0	0	0	0	0	0	0	0	0
Sulfate Dissolved (mg/l)	472	1928	2884	16	3657400	3586400	3591800	3579700	65500	6700
Hexavalent Chromium Total (mg/l)	0	0	0	0	0	0	0	0	0	0
Phenols Total Recoverable (ug/l)	31.6	17	28	6	24	10	10	8	14	1
Oil and Grease Total Recoverable (mg/l)	590	0	0	0	1472200	0	1033200	0	439000	0
Organic Carbon, Total (mg/l)	29.2	29.4	31	26.3	71700	24000	19200	19200	52500	4800
Bicarbonate Whole Field (mg/l as HCo3)	0	0	0	0	0	0	0	0	0	0
Bicarbonate Dissolved, Field (mg/l as HCo3)	0	0	0	0	0	0	0	0	0	0
Carbonate Water Field (mg/l as Co3)	0	0	0	0	0	0	0	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)	0	0	0	0	0	0	0	0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)	0	0	0	0	0	0	0	0	0	0
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	0	0	0	0	0	0	0	0	0	0
Alkalinity LAB (mg/l as CaCo3)	39.2	35.3	31	44	125200	49800	31200	31200	93900	18600
Silica Dissolved (mg/l as SiO2)	0	0	0	0	0	0	0	0	0	0
Hardness (mg/l)	52.2	47	44.5	52	188700	71300	49000	49000	139600	22300
Antimony (ug/l as Sb)	0	0	0	0	0	0	0	0	0	0
Antimony Dissolved (ug/l as Sb)	0	0	0	0	0	0	0	0	0	0
Arsenic Total (ug/l as As)	0	0	0	0	0	0	0	0	0	0
Arsenic Dissolved (ug/l as As)	5.5	5	5	0	2.2	1.5	2.2	1.5	0	0
Barium Dissolved (ug/l as Ba)	0	0	0	0	0	0	0	0	0	0
Beryllium Total Recoverable (ug/l as Be)	0	0	0	0	0	0	0	0	0	0
Beryllium Dissolved (ug/l as Be)	0	0	0	0	0	0	0	0	0	0
Cadmium Total Recoverable (ug/l as Cd)	0	0	0	0	0	0	0	0	0	0
Cadmium Dissolved (ug/l as Cd)	5.5	0	0	0	4.1	0	3.6	0	0.5	0
Calcium Dissolved (mg/l as Ca)	0	0	0	0	0	0	0	0	0	0
Chromium Total Recoverable (ug/l as Cr)	60.8	7.5	7.5	0	38	4.6	4.6	4.6	33.3	0
Chromium Dissolved (ug/l as Cr)	6	6	6	0	3.6	0.4	1	0.4	2.5	0
Cobalt Dissolved (ug/l as Co)	0	0	0	0	0	0	0	0	0	0

Mesa 2 - Broadway and Lindsay	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
Copper, Total Recoverable, (ug/l as Cu)	33.8	20.4	19.5	24	88.9	25.1	55.5	19.6	33.4	5.5
Copper, Dissolved, (ug/l as Cu)	30.3	16	16	0	17.7	5.1	8.6	5.1	9.1	0
Iron, Dissolved, (ug/l as Fe)	0	0	0	0	0	0	0	0	0	0
Lead, Total Recoverable, (ug/l as Pb)	46.3	12	12	0	32	11.3	11.3	11.3	20.7	0
Lead, Dissolved, (ug/l as Pb)	10.3	5	5	0	5.9	1.5	5.9	1.5	0	0
Lithium, Dissolved, (ug/l as Li)	0	0	0	0	0	0	0	0	0	0
Magnesium, Dissolved, (mg/l as Mg)	0	0	0	0	0	0	0	0	0	0
Manganese, Dissolved, (ug/l as Mn)	0	0	0	0	0	0	0	0	0	0
Mercury, Total Recoverable, (ug/l as Hg)	0	0	0	0	0	0	0	0	0	0
Mercury, Dissolved, (ug/l as Hg)	0.2	0.2	0.2	0	0	0	0	0	0	0
Molybdenum, Dissolved, (ug/l as Mo)	0	0	0	0	0	0	0	0	0	0
Nickel, Total Recoverable, (ug/l as Ni)	0	0	0	0	0	0	0	0	0	0
Nickel, Dissolved, (ug/l as Ni)	22	22	22	0	7	7	7	7	0	0
Potassium, Dissolved, (mg/l as K)	4	4	0	4	738	738	0	0	738	738
Selenium, Total, (ug/l as Se)	0	0	0	0	0	0	0	0	0	0
Selenium, Dissolved, (ug/l as Se)	0	0	0	0	0	0	0	0	0	0
Silver, Total Recoverable, (ug/l as Ag)	0	0	0	0	0	0	0	0	0	0
Silver, Dissolved, (ug/l as Ag)	0	0	0	0	0	0	0	0	0	0
Sodium, Dissolved, (mg/l as Na)	0	0	0	0	0	0	0	0	0	0
Strontium, Dissolved, (ug/l as Sr)	0	0	0	0	0	0	0	0	0	0
Thallium, Total, (ug/l as Tl)	0	0	0	0	0	0	0	0	0	0
Thallium, Dissolved, (ug/l as Tl)	0	0	0	0	0	0	0	0	0	0
Vanadium, Dissolved, (ug/l as V)	0	0	0	0	0	0	0	0	0	0
Zinc, Total Recoverable, (ug/l as Zn)	120	95	90	105	731.6	148.7	231.7	103.6	499.8	45.1
Zinc, Dissolved, (ug/l as Zn)	73.4	60	63.3	55	295.4	83.1	79.8	59.6	215.5	23.4
Diazinon, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Ethion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Malathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Trithion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-syston, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phorate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
DEF, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Fonofos(Dy-fonate), WWT, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aldrin, Total, (ug/l)	9.4	0	0	0	1.7	0	0	0	1.7	0
BHC - ALPHA, (ug/l)	0	0	0	0	0	0	0	0	0	0
BHC - Gamma (Lindane), (ug/l)	0	0	0	0	0	0	0	0	0	0
BHC - DELTA, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1016, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1221, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1232, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

Mesa 2 - Broadway and Lindsay	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
Aroclor 1242, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1248, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1254, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1260, PCB, Total, (ug/L)	0	0	0	0	0	0	0	0	0	0
Chlordane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
P,P' DDD, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
P,P' DDE, Total, (ug/l)	0.086	0	0	0	0.1	0	0.1	0	0	0
P, P' DDT, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dieldrin, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Alpha, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Beta, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Sulfate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endrin Aldehyde, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endrin, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Heptachlor, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Heptachlor Epoxide, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Toxaphene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methoxychlor, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Beta Benzene Hexachloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,1,2-Tetrachloroethane, Total,(ug/l)	0	0	0	0	0	0	0	0	0	0
Tetrachloroethene, PCE, Total, (ug/l)	6.63	0	0	0	0.4	0	0	0	0.4	0
1,1,1- Trichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,2- Trichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Trichloroethene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1- Dichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1- Dichloroethene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2- Dichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2- Dichloropropane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2- Chloroethylvinyl Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
cis-1,3-Dichloropropene, (ug/l)	0	0	0	0	0	0	0	0	0	0
trans-1,2- Dichloroethene, (ug/l)	0	0	0	0	0	0	0	0	0	0
trans-1,3- Dichloropropene, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bromodichloromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bromoform, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Carbon Tetrachloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chloroethane, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chloroform, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Ethyl-Benzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methylene Chloride, Total, (ug/l)	1.6	0	0	0	0	0	0	0	0	0
Toluene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

Mesa 2 - Broadway and Lindsay	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
Trichlorofluoromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Vinyl Chloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorodibromomethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	0	0	0	0	0	0	0	0	0	0
Acetone, Total, (ug/l)	15	0	0	0	15.7	0	0	0	15.7	0
2-Butanone, (ug/l)	0	0	0	0	0	0	0	0	0	0
Carbon Disulfide, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2 Dichloroethene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Xylenes, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Hexanone, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Styrene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acrolein, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acrylonitirile, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bromobenzene, Water Whole, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,3-Dichloropropane, Water Whole, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Bromide, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Chloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parachloro Toluene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dibromoethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acenaphthene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acenaphthylene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Anthracene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzidine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzoic Acid, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (a) Anthracene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (b) Fluoranthene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (k) Fluoranthene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (ghi) Perylene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (a) Pyrene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzyl Alcohol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	87.8	150	175	100	306	128	173	109.9	132.7	18.4
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Butyl Benzyl Phthalate, Total, (ug/l)	2	0	0	0	0	0	0	0	0.4	0
2-Chloronapthalene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Chlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chrysene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-N-Butyl Phthalate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,3- Dichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

Mesa 2 - Broadway and Lindsay	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
1,4- Dichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2- Dichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
3,3'- Dichlorobenzidine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4- Dichlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Diethyl Phthalate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4- Dimethylphenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dimethyl Phthalate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4- Dinitrophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4- Dinitrotoluene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,6- Dinitrotoluene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-N-Octyl-Phthalate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Fluoranthene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Fluorene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Hexachlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Hexachlorobutadiene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Hexachlorocyclopentadiene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Hexachloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Isophorone, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Naphthalene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Nitrobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Nitrophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
4-Nitrophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
N-Nitrosodiphenylamine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Pentachlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phenanthrene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Pyrene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2,4-Trichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4,5- Trichlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4,6- Trichlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
N-Nitrosodimethylamine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2- Diphenylhydrazine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dichlorodifluoromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parachloro-Meta-Cresol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

Mesa 3
Falcon Field

Mesa 3 - Falcon Field	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
BOD5 (mg/l)	56.6	117	168	65.8	1989800	851600	836700	421400	1153000	430200
COD High Level (mg/l)	155	271	376	139	4557900	1970700	2376600	1267500	2181300	703200
Chloride (mg/l as Cl)	6.94	10.8	9	14.5	237100	62800	62400	19300	174700	43400
Cyanide Total (mg/l as Cn)	0	0	0	0	47100	0	0	0	47100	0
Solids Residue at 180 Deg. C (TDS) (mg/l)	153	267	409	89	4969400	2042500	2802700	1564400	2166700	478000
Residue, Total at 105 Deg. C (TSS) (mg/l)	122	77	60.8	97.3	4972900	682400	3444600	288300	1528300	394000
Nitrogen No2 + No3, Total (mg/l as N)	1.11	1.41	2.09	0.74	78000	11300	17500	7700	60400	3600
TKN Nitrogen (mg/l as N)	3.88	6.32	8.29	3.85	162500	54300	58400	31400	104000	22900
Nitrogen, Ammonia + Organic, Total (mg/l as N)	3.73	6.32	8.29	3.85	163100	54300	58600	31400	104400	22900
Nitrogen Nitrate Total (mg/l as N)	1.21	1.40	2.09	0.71	69800	11200	15000	7700	54800	3500
Nitrogen Nitrite Total (mg/l as N)	0.08	0.11	0	0.11	47300	100	0	0	47300	100
Nitrogen Ammonia Total (mg/l as N)	2.29	3.33	4.60	1.75	87300	25400	24200	15700	63100	9600
Nitrogen Organic Total (mg/l as N)	2.93	2.98	3.69	2.10	86700	28900	15600	15600	71000	13200
Phosphorous Total (mg/l as P)	0.67	1.44	1.30	1.62	70000	13500	12400	6100	57600	7300
Phosphorous Dissolved (mg/l as P)	0.33	0.35	0.39	0.28	55500	3100	5400	1900	50000	1100
Phosphorous Ortho (mg/l as P)	0	0	0	0	47100	0	0	0	47100	0
Sulfate Dissolved (mg/l)	21.8	48.7	71	19	537400	213700	249700	150600	287700	63100
Hexavalent Chromium Total (mg/l)	0.011	0.011	0	0.011	47100	0	0	0	47100	0
Phenols Total Recoverable (ug/l)	29.8	18.7	23.3	9.5	231	75	83	55	147	19
Oil and Grease Total Recoverable (mg/l)	111	0	0	0	3090500	0	2646200	0	444200	0
Organic Carbon, Total (mg/l)	74.7	84.8	115	47.6	755900	643700	375300	375300	380600	268300
Bicarbonate Whole Field (mg/l as HCo3)	0	0	0	0	47100	0	0	0	47100	0
Bicarbonate Dissolved, Field (mg/l as HCo3)	0	0	0	0	47100	0	0	0	47100	0
Carbonate Water Field (mg/l as Co3)	0	0	0	0	47100	0	0	0	47100	0
Carbonate Water Dissolved, Field, (mg/l as Co3)	0	0	0	0	47100	0	0	0	47100	0
Alkalinity Water Field Total (mg/l as CaCo3)	0	0	0	0	47100	0	0	0	47100	0
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	0	0	0	0	47100	0	0	0	47100	0
Alkalinity LAB (mg/l as CaCo3)	27.5	26.2	38	20.3	285200	166000	50900	50900	234200	115000
Silica Dissolved (mg/l as SiO2)	0	0	0	0	47100	0	0	0	47100	0
Hardness (mg/l)	77.4	83.0	110	48.8	785700	618600	376100	376100	409600	242500
Antimony (ug/l as Sb)	0	0	0	0	47	0	0	0	47	0
Antimony Dissolved (ug/l as Sb)	0	0	0	0	47	0	0	0	47	0
Arsenic Total (ug/l as As)	6	6	6	0	50	3	3	3	47	0
Arsenic Dissolved (ug/l as As)	18	0	0	0	96	0	40	0	56	0
Barium Dissolved (ug/l as Ba)	0	0	0	0	47	0	0	0	47	0
Beryllium Total Recoverable (ug/l as Be)	0	0	0	0	47	0	0	0	47	0
Beryllium Dissolved (ug/l as Be)	7	7	7	0	63	16	16	16	47	0
Cadmium Total Recoverable (ug/l as Cd)	8	8	8	8	67	20	4	4	63	16
Cadmium Dissolved (ug/l as Cd)	2.16	7.5	7.5	0	83	23	28	23	54	0
Calcium Dissolved (mg/l as Ca)	0	0	0	0	47182	0	0	0	47182	0
Chromium Total Recoverable (ug/l as Cr)	149	13.2	13.8	12	530	57	360	32	169	25
Chromium Dissolved (ug/l as Cr)	8.59	11.4	12	10	173	74	55	46	117	28
Cobalt Dissolved (ug/l as Co)	0	0	0	0	47	0	0	0	47	0

Mesa 3 - Falcon Field	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
Copper, Total Recoverable, (ug/l as Cu)	46.6	33.7	35.75	29.5	603	179	456	123	147	55
Copper, Dissolved, (ug/l as Cu)	24	30.3	30.3	0	112	56	65	56	47	0
Iron, Dissolved, (ug/l as Fe)	0	0	0	0	47	0	0	0	47	0
Lead, Total Recoverable, (ug/l as Pb)	32.1	18.1	20.4	15.25	295	140	141	67	154	72
Lead, Dissolved, (ug/l as Pb)	16	16.4	20.8	10.7	223	82	94	43	128	39
Lithium, Dissolved, (ug/l as Li)	0	0	0	0	47	0	0	0	47	0
Magnesium, Dissolved, (mg/l as Mg)	0	0	0	0	47182	0	0	0	47182	0
Manganese, Dissolved, (ug/l as Mn)	0	0	0	0	47	0	0	0	47	0
Mercury, Total Recoverable, (ug/l as Hg)	0	0	0	0	47	0	0	0	47	0
Mercury, Dissolved, (ug/l as Hg)	0	0	0	0	47	0	0	0	47	0
Molybdenum, Dissolved, (ug/l as Mo)	0	0	0	0	47	0	0	0	47	0
Nickel, Total Recoverable, (ug/l as Ni)	50.3	50.3	63	25	279	232	139	139	139	92
Nickel, Dissolved, (ug/l as Ni)	45.7	45.7	68	23.3	276	229	114	114	162	114
Potassium, Dissolved, (mg/l as K)	0	0	0	0	47182	0	0	0	47182	0
Selenium, Total, (ug/l as Se)	0	0	0	0	47	0	0	0	47	0
Selenium, Dissolved, (ug/l as Se)	0	0	0	0	47	0	0	0	47	0
Silver, Total Recoverable, (ug/l as Ag)	0	0	0	0	47	0	0	0	47	0
Silver, Dissolved, (ug/l as Ag)	0	0	0	0	47	0	0	0	47	0
Sodium, Dissolved, (mg/l as Na)	0	0	0	0	47182	0	0	0	47182	0
Strontium, Dissolved, (ug/l as Sr)	0	0	0	0	47	0	0	0	47	0
Thallium, Total, (ug/l as Tl)	0	0	0	0	47	0	0	0	47	0
Thallium, Dissolved, (ug/l as Tl)	0	0	0	0	47	0	0	0	47	0
Vanadium, Dissolved, (ug/l as V)	0	0	0	0	47	0	0	0	47	0
Zinc, Total Recoverable, (ug/l as Zn)	211	232	332	106	4415	1677	1819	1149	2595	528
Zinc, Dissolved, (ug/l as Zn)	175	244	372	85	3307	1888	1880	1502	1426	385
Diazinon, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Ethion, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Malathion, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Methyl Parathion, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Parathion, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Trithion, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Di-syston, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Phorate, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Chlorpyrifos, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
DEF, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Fonofos(Dy-fonate), WWT, (ug/l)	0	0	0	0	47	0	0	0	47	0
Aldrin, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
BHC - ALPHA, (ug/l)	0	0	0	0	47	0	0	0	47	0
BHC - Gamma (Lindane), (ug/l)	0	0	0	0	47	0	0	0	47	0
BHC - DELTA, (ug/l)	0	0	0	0	47	0	0	0	47	0
Aroclor 1016, PCB, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Aroclor 1221, PCB, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Aroclor 1232, PCB, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0

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Aroclor 1242, PCB, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Aroclor 1248, PCB, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Aroclor 1254, PCB, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Aroclor 1260, PCB, Total, (ug/L)	0	0	0	0	47	0	0	0	47	0
Chlordane, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
P,P' DDD, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
P,P' DDE, Total, (ug/l)	0.093	0	0	0	47	0	0	0	47	0
P, P' DDT, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Dieldrin, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Endo-Sulfan Alpha, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Endo-Sulfan Beta, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Endo-Sulfan Sulfate, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Endrin Aldehyde, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Endrin, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Heptachlor, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Heptachlor Epoxide, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Toxaphene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Methoxychlor, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Beta Benzene Hexachloride, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
1,1,1,2-Tetrachloroethane, Total,(ug/l)	0	0	0	0	47	0	0	0	47	0
Tetrachloroethene, PCE, Total, (ug/l)	2.3	0	0	0	49	0	0	0	49	0
1,1,1- Trichloroethane, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
1,1,2- Trichloroethane, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Trichloroethene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
1,1- Dichloroethane, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
1,1- Dichloroethene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
1,2- Dichloroethane, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
1,2- Dichloropropane, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
2- Chloroethylvinyl Ether, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
cis-1,3-Dichloropropene, (ug/l)	0	0	0	0	47	0	0	0	47	0
trans-1,2- Dichloroethene, (ug/l)	0	0	0	0	47	0	0	0	47	0
trans-1,3- Dichloropropene, (ug/l)	0	0	0	0	47	0	0	0	47	0
Benzene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Bromodichloromethane, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Bromoform, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Carbon Tetrachloride, Total, (ug/l)	2	0	0	0	47	0	0	0	47	0
Chlorobenzene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Chloroethane, (ug/l)	0	0	0	0	47	0	0	0	47	0
Chloroform, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Ethyl-Benzene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Methylene Chloride, Total, (ug/l)	1.9	0	0	0	47	0	0	0	47	0
Toluene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0

Mesa 3 - Falcon Field	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
Trichlorofluoromethane, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Vinyl Chloride, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Chlorodibromomethane, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	0	0	0	0	47	0	0	0	47	0
Acetone, Total, (ug/l)	36.8	61	61	0	295	31	31	31	264	0
2-Butanone, (ug/l)	27	0	0	0	106	0	0	0	106	0
Carbon Disulfide, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
1,2 Dichloroethene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Xylenes, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
2-Hexanone, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Styrene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Acrolein, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Acrylonitirile, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Bromobenzene, Water Whole, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
1,3-Dichloropropane, Water Whole, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Methyl Bromide, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Methyl Chloride, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Parachloro Toluene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Dibromoethane, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Acenaphthene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Acenaphthylene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Anthracene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Benzidine, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Benzoic Acid, Total, (ug/l)	39.9	39.9	48	7.4	283	236	221	221	62	15
Benzo (a) Anthracene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Benzo (b) Fluoranthene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Benzo (k) Fluoranthene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Benzo (ghi) Perylene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Benzo (a) Pyrene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Benzyl Alcohol, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	48.1	34.8	50.2	9.07	855	415	438	377	416	38
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Butyl Benzyl Phthalate, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
2-Chloronapthalene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
2-Chlorophenol, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Chrysene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Di-N-Butyl Phthalate, Total, (ug/l)	6.13	6.13	4.2	10	75	28	11	11	64	16
1,3- Dichlorobenzene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0

Mesa 3 - Falcon Field	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
1,4- Dichlorobenzene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
1,2- Dichlorobenzene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
3,3'- Dichlorobenzidine, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
2,4- Dichlorophenol, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Diethyl Phthalate, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
2,4- Dimethylphenol, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Dimethyl Phthalate, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
2,4- Dinitrophenol, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
2,4- Dinitrotoluene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
2,6- Dinitrotoluene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Di-N-Octyl-Phthalate, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Fluoranthene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Fluorene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Hexachlorobenzene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Hexachlorobutadiene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Hexachlorocyclopentadiene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Hexachloroethane, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Isophorone, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Naphthalene, Total, (ug/l)	17	17	0	17	76	28	0	0	76	28
Nitrobenzene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
2-Nitrophenol, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
4-Nitrophenol, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
N-Nitrosodiphenylamine, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Pentachlorophenol, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Phenanthrene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Phenol, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Pyrene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
1,2,4-Trichlorobenzene, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
2,4,5- Trichlorophenol, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
2,4,6- Trichlorophenol, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
N-Nitrosodimethylamine, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
1,2- Diphenylhydrazine, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Dichlorodifluoromethane, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0
Parachloro-Meta-Cresol, Total, (ug/l)	0	0	0	0	47	0	0	0	47	0

Mesa 4
Horne and Grandview

Mesa 4 - Horne and Grandview	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
BOD5 (mg/l)	48.5	77.6	54.5	93	441100	201100	62200	54400	378900	146600
COD High Level (mg/l)	84.8	94	71.5	116.5	490200	189000	123300	101200	366800	87800
Chloride (mg/l as Cl)	6.77	9.67	7	11	32500	13700	9000	7700	23500	6000
Cyanide Total (mg/l as Cn)	0	0	0	0	0	0	0	0	0	0
Solids Residue at 180 Deg. C (TDS) (mg/l)	88.6	79.5	67	83.7	480000	196800	94700	74400	385300	122400
Residue, Total at 105 Deg. C (TSS) (mg/l)	55.1	57.8	130	33.7	424000	196900	151000	144400	272900	52500
Nitrogen No2 + No3, Total (mg/l as N)	0.73	0.79	0.75	0.82	3100	1400	1000	800	2000	600
TKN Nitrogen (mg/l as N)	2.10	3.24	3.3	3.19	16000	8800	5300	4400	10700	4300
Nitrogen, Ammonia + Organic, Total (mg/l as N)	1.59	2.80	1.6	3.19	11000	6100	2100	1700	8900	4300
Nitrogen Nitrate Total (mg/l as N)	0.68	0.79	0.75	0.82	1900	1400	800	800	1000	600
Nitrogen Nitrite Total (mg/l as N)	0	0	0	0	0	0	0	0	0	0
Nitrogen Ammonia Total (mg/l as N)	1.06	1.32	0.85	1.63	4700	3700	1300	1300	3400	2400
Nitrogen Organic Total (mg/l as N)	1.64	1.40	0.9	1.56	4200	2900	900	900	3200	1900
Phosphorous Total (mg/l as P)	0.32	0.35	0.39	0.33	2100	900	600	400	1500	400
Phosphorous Dissolved (mg/l as P)	0.22	0.22	0	0.22	900	200	0	0	900	200
Phosphorous Ortho (mg/l as P)	0	0	0	0	0	0	0	0	0	0
Sulfate Dissolved (mg/l)	9.08	11.7	10	12.5	38500	21300	12700	11100	25700	10200
Hexavalent Chromium Total (mg/l)	0	0	0	0	0	0	0	0	0	0
Phenols Total Recoverable (ug/l)	18.1	13	20	9.5	38500	29600	22200	22200	16300	7300
Oil and Grease Total Recoverable (mg/l)	98.4	17	17	0	226400	17000	17000	17000	209400	0
Organic Carbon, Total (mg/l)	32.7	36.3	11	44.7	71800	61600	12200	12200	59600	49300
Bicarbonate Whole Field (mg/l as HCo3)	0	0	0	0	0	0	0	0	0	0
Bicarbonate Dissolved, Field (mg/l as HCo3)	0	0	0	0	0	0	0	0	0	0
Carbonate Water Field (mg/l as Co3)	0	0	0	0	0	0	0	0	0	0
Carbonate Water Dissolved, Field, (mg/l as Co3)	0	0	0	0	0	0	0	0	0	0
Alkalinity Water Field Total (mg/l as CaCo3)	0	0	0	0	0	0	0	0	0	0
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	0	0	0	0	0	0	0	0	0	0
Alkalinity LAB (mg/l as CaCo3)	25.9	26.5	26	26.7	79600	63600	28800	28800	50700	34700
Silica Dissolved (mg/l as SiO2)	0	0	0	0	0	0	0	0	0	0
Hardness (mg/l)	39	40.5	38	41.3	119100	95900	42200	42200	76900	53700
Antimony (ug/l as Sb)	0	0	0	0	0	0	0	0	0	0
Antimony Dissolved (ug/l as Sb)	0	0	0	0	0	0	0	0	0	0
Arsenic Total (ug/l as As)	0	0	0	0	0	0	0	0	0	0
Arsenic Dissolved (ug/l as As)	0	0	0	0	0	0	0	0	0	0
Barium Dissolved (ug/l as Ba)	0	0	0	0	0	0	0	0	0	0
Beryllium Total Recoverable (ug/l as Be)	7	7	7	0	7	7	7	7	0	0
Beryllium Dissolved (ug/l as Be)	4	4	4	0	4	4	4	4	0	0
Cadmium Total Recoverable (ug/l as Cd)	4	5	5	0	6	5	5	5	0	0
Cadmium Dissolved (ug/l as Cd)	0	0	0	0	0	0	0	0	0	0
Calcium Dissolved (mg/l as Ca)	0	0	0	0	0	0	0	0	0	0
Chromium Total Recoverable (ug/l as Cr)	102	0	0	0	111	0	0	0	111	0
Chromium Dissolved (ug/l as Cr)	2	0	0	0	0	0	0	0	0	0
Cobalt Dissolved (ug/l as Co)	0	0	0	0	0	0	0	0	0	0

Mesa 4 - Horne and Grandview	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
Copper, Total Recoverable, (ug/l as Cu)	177	26.3	28	25.5	626	52	31	31	595	21
Copper, Dissolved, (ug/l as Cu)	13.5	13.5	18	9	21	21	19	19	1	1
Iron, Dissolved, (ug/l as Fe)	0	0	0	0	0	0	0	0	0	0
Lead, Total Recoverable, (ug/l as Pb)	23.6	7.33	7	7.5	64	14	7	7	56	6
Lead, Dissolved, (ug/l as Pb)	8.5	7	7	0	9	7	7	7	1	0
Lithium, Dissolved, (ug/l as Li)	0	0	0	0	0	0	0	0	0	0
Magnesium, Dissolved, (mg/l as Mg)	0	0	0	0	0	0	0	0	0	0
Manganese, Dissolved, (ug/l as Mn)	0	0	0	0	0	0	0	0	0	0
Mercury, Total Recoverable, (ug/l as Hg)	0	0	0	0	0	0	0	0	0	0
Mercury, Dissolved, (ug/l as Hg)	0	0	0	0	0	0	0	0	0	0
Molybdenum, Dissolved, (ug/l as Mo)	0	0	0	0	0	0	0	0	0	0
Nickel, Total Recoverable, (ug/l as Ni)	45	30	0	30	5	5	0	0	5	5
Nickel, Dissolved, (ug/l as Ni)	0	0	0	0	0	0	0	0	0	0
Potassium, Dissolved, (mg/l as K)	0	0	0	0	0	0	0	0	0	0
Selenium, Total, (ug/l as Se)	0	0	0	0	0	0	0	0	0	0
Selenium, Dissolved, (ug/l as Se)	0	0	0	0	0	0	0	0	0	0
Silver, Total Recoverable, (ug/l as Ag)	0	0	0	0	0	0	0	0	0	0
Silver, Dissolved, (ug/l as Ag)	0	0	0	0	0	0	0	0	0	0
Sodium, Dissolved, (mg/l as Na)	0	0	0	0	0	0	0	0	0	0
Strontium, Dissolved, (ug/l as Sr)	0	0	0	0	0	0	0	0	0	0
Thallium, Total, (ug/l as Tl)	2	2	0	2	1	1	0	0	1	1
Thallium, Dissolved, (ug/l as Tl)	0	0	0	0	0	0	0	0	0	0
Vanadium, Dissolved, (ug/l as V)	0	0	0	0	0	0	0	0	0	0
Zinc, Total Recoverable, (ug/l as Zn)	108	63.8	70	61.7	510	167	92	77	417	89
Zinc, Dissolved, (ug/l as Zn)	71.2	50	50	50	136	98	55	55	80	42
Diazinon, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Ethion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Malathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Trithion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-syston, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phorate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
DEF, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Fonofos(Dy-fonate), WWT, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aldrin, Total, (ug/l)	23.5	0	0	0	19	0	0	0	19	0
BHC - ALPHA, (ug/l)	0	0	0	0	0	0	0	0	0	0
BHC - Gamma (Lindane), (ug/l)	0	0	0	0	0	0	0	0	0	0
BHC - DELTA, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1016, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1221, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1232, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

Mesa 4 - Horne and Grandview	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
Aroclor 1242, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1248, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1254, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1260, PCB, Total, (ug/L)	0	0	0	0	0	0	0	0	0	0
Chlordane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
P,P' DDD, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
P,P' DDE, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
P, P' DDT, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dieldrin, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Alpha, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Beta, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Sulfate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endrin Aldehyde, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endrin, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Heptachlor, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Heptachlor Epoxide, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Toxaphene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methoxychlor, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Beta Benzene Hexachloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,1,2-Tetrachloroethane, Total,(ug/l)	0	0	0	0	0	0	0	0	0	0
Tetrachloroethene, PCE, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,1- Trichloroethane, Total, (ug/l)	3.5	0	0	0	0	0	0	0	0	0
1,1,2- Trichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Trichloroethene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1- Dichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1- Dichloroethene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2- Dichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2- Dichloropropane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2- Chloroethylvinyl Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
cis-1,3-Dichloropropene, (ug/l)	0	0	0	0	0	0	0	0	0	0
trans-1,2- Dichloroethene, (ug/l)	0	0	0	0	0	0	0	0	0	0
trans-1,3- Dichloropropene, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzene, Total, (ug/l)	2	0	0	0	0	0	0	0	0	0
Bromodichloromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bromoform, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Carbon Tetrachloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chloroethane, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chloroform, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Ethyl-Benzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methylene Chloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Toluene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

Mesa 4 - Horne and Grandview	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
Trichlorofluoromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Vinyl Chloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorodibromomethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	0	0	0	0	0	0	0	0	0	0
Acetone, Total, (ug/l)	27.7	0	0	0	20	0	0	0	20	0
2-Butanone, (ug/l)	12	0	0	0	1	0	0	0	1	0
Carbon Disulfide, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2 Dichloroethene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Xylenes, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Hexanone, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Styrene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acrolein, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acrylonitirile, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bromobenzene, Water Whole, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,3-Dichloropropane, Water Whole, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Bromide, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Chloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parachloro Toluene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dibromoethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acenaphthene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acenaphthylene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Anthracene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzidine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzoic Acid, Total, (ug/l)	11	11	11	0	5	5	5	5	0	0
Benzo (a) Anthracene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (b) Fluoranthene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (k) Fluoranthene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (ghi) Perylene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (a) Pyrene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzyl Alcohol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	63.6	28.3	36	24.5	84	47	19	19	65	28
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Butyl Benzyl Phthalate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Chloronapthalene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Chlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chrysene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-N-Butyl Phthalate, Total, (ug/l)	10	10	0	10	1	1	0	0	1	1
1,3- Dichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

Mesa 4 - Horne and Grandview	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
1,4- Dichlorobenzene, Total, (ug/l)	2	0	0	0	0	0	0	0	0	0
1,2- Dichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
3,3'- Dichlorobenzidine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4- Dichlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Diethyl Phthalate, Total, (ug/l)	10	0	0	0	0	0	0	0	0	0
2,4- Dimethylphenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dimethyl Phthalate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4- Dinitrophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4- Dinitrotoluene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,6- Dinitrotoluene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-N-Octyl-Phthalate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Fluoranthene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Fluorene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Hexachlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Hexachlorobutadiene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Hexachlorocyclopentadiene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Hexachloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Isophorone, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Naphthalene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Nitrobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Nitrophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
4-Nitrophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
N-Nitrosodiphenylamine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Pentachlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phenanthrene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Pyrene, Total, (ug/l)	2	0	0	0	0	0	0	0	0	0
1,2,4-Trichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4,5- Trichlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4,6- Trichlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
N-Nitrosodimethylamine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2- Diphenylhydrazine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dichlorodifluoromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parachloro-Meta-Cresol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

Mesa 5
Dobson Road south of Broadway

Mesa 5 - Broadway and Dobson	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
BOD5 (mg/l)	95.1	154	154	0	1515500	974500	1024800	974500	490600	0
COD High Level (mg/l)	181	242	242	0	2553700	1595300	1736000	1595300	817700	0
Chloride (mg/l as Cl)	7.90	19	19	0	145800	117500	122300	117500	23400	0
Cyanide Total (mg/l as Cn)	0	0	0	0	100	0	0	0	100	0
Solids Residue at 180 Deg. C (TDS) (mg/l)	114	167	167	0	1735400	1132300	1224300	1132300	511100	0
Residue, Total at 105 Deg. C (TSS) (mg/l)	110	96.7	96.7	0	1391100	684900	749900	684900	641200	0
Nitrogen No2 + No3, Total (mg/l as N)	1.43	2.87	2.87	0	23600	19800	20800	19800	2800	0
TKN Nitrogen (mg/l as N)	3.49	6.34	6.34	0	62400	44800	47100	44800	15200	0
Nitrogen, Ammonia + Organic, Total (mg/l as N)	3.56	7.18	7.18	0	66500	49000	51400	49000	15000	0
Nitrogen Nitrate Total (mg/l as N)	2.02	2.86	2.86	0	21300	19600	20600	19600	600	0
Nitrogen Nitrite Total (mg/l as N)	0.15	0.2	0.2	0	600	400	400	400	100	0
Nitrogen Ammonia Total (mg/l as N)	2.25	2.88	2.88	0	21600	19200	20500	19200	1100	0
Nitrogen Organic Total (mg/l as N)	3.12	4.3	4.3	0	31400	29800	29800	29800	1600	0
Phosphorous Total (mg/l as P)	0.49	0.52	0.52	0	6500	3700	4200	3700	2300	0
Phosphorous Dissolved (mg/l as P)	0.35	0.41	0.41	0	4800	3200	3600	3200	1200	0
Phosphorous Ortho (mg/l as P)	0	0	0	0	100	0	0	0	100	0
Sulfate Dissolved (mg/l)	78.3	370	370	0	1332800	1277300	1284400	1277300	48400	0
Hexavalent Chromium Total (mg/l)	0	0	0	0	100	0	0	0	100	0
Phenols Total Recoverable (ug/l)	37.3	27.8	27.8	0	145	124	124	124	20	0
Oil and Grease Total Recoverable (mg/l)	124	7	7	0	896100	14500	718100	14500	178000	0
Organic Carbon, Total (mg/l)	40.0	42.8	42.8	0	278100	273200	273200	273200	4900	0
Bicarbonate Whole Field (mg/l as HCo3)	0	0	0	0	100	0	0	0	100	0
Bicarbonate Dissolved, Field (mg/l as HCo3)	0	0	0	0	100	0	0	0	100	0
Carbonate Water Field (mg/l as Co3)	0	0	0	0	100	0	0	0	100	0
Carbonate Water Dissolved, Field, (mg/l as Co3)	0	0	0	0	100	0	0	0	100	0
Alkalinity Water Field Total (mg/l as CaCo3)	0	0	0	0	100	0	0	0	100	0
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	0	0	0	0	100	0	0	0	100	0
Alkalinity LAB (mg/l as CaCo3)	31.7	34.2	34.2	0	270700	244300	244300	244300	26400	0
Silica Dissolved (mg/l as SiO2)	0	0	0	0	100	0	0	0	100	0
Hardness (mg/l)	64.1	73.8	73.8	0	538800	500100	500100	500100	38600	0
Antimony (ug/l as Sb)	0	0	0	0	0	0	0	0	0	0
Antimony Dissolved (ug/l as Sb)	0	0	0	0	0	0	0	0	0	0
Arsenic Total (ug/l as As)	5.5	5.5	5.5	0	8	8	8	8	0	0
Arsenic Dissolved (ug/l as As)	5.5	5.5	5.5	0	8	7	7	7	0	0
Barium Dissolved (ug/l as Ba)	0	0	0	0	0	0	0	0	0	0
Beryllium Total Recoverable (ug/l as Be)	0	0	0	0	0	0	0	0	0	0
Beryllium Dissolved (ug/l as Be)	2	2	2	0	2	2	2	2	0	0
Cadmium Total Recoverable (ug/l as Cd)	4	4	4	0	2	2	2	2	0	0
Cadmium Dissolved (ug/l as Cd)	0.73	0	0	0	1	0	0	0	0	0
Calcium Dissolved (mg/l as Ca)	0	0	0	0	100	0	0	0	100	0
Chromium Total Recoverable (ug/l as Cr)	9.44	10.7	10.7	0	45	42	42	42	2	0
Chromium Dissolved (ug/l as Cr)	11.6	14	14	0	31	29	29	29	1	0
Cobalt Dissolved (ug/l as Co)	0	0	0	0	0	0	0	0	0	0

Mesa 5 - Broadway and Dobson	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
Copper, Total Recoverable, (ug/l as Cu)	51.6	46.7	46.7	0	368	317	317	317	51	0
Copper, Dissolved, (ug/l as Cu)	43	43	43	0	168	168	168	168	0	0
Iron, Dissolved, (ug/l as Fe)	0	0	0	0	0	0	0	0	0	0
Lead, Total Recoverable, (ug/l as Pb)	29.5	22.2	22.2	0	190	164	164	164	25	0
Lead, Dissolved, (ug/l as Pb)	8.67	11.3	11.3	0	39	32	35	32	4	0
Lithium, Dissolved, (ug/l as Li)	0	0	0	0	0	0	0	0	0	0
Magnesium, Dissolved, (mg/l as Mg)	0	0	0	0	100	0	0	0	100	0
Manganese, Dissolved, (ug/l as Mn)	0	0	0	0	0	0	0	0	0	0
Mercury, Total Recoverable, (ug/l as Hg)	50.1	0.2	0.2	0	61	0	0	0	60	0
Mercury, Dissolved, (ug/l as Hg)	0	0	0	0	0	0	0	0	0	0
Molybdenum, Dissolved, (ug/l as Mo)	0	0	0	0	0	0	0	0	0	0
Nickel, Total Recoverable, (ug/l as Ni)	20	20	20	0	41	41	41	41	0	0
Nickel, Dissolved, (ug/l as Ni)	30	30	30	0	25	25	25	25	0	0
Potassium, Dissolved, (mg/l as K)	0	0	0	0	100	0	0	0	100	0
Selenium, Total, (ug/l as Se)	0	0	0	0	0	0	0	0	0	0
Selenium, Dissolved, (ug/l as Se)	0	0	0	0	0	0	0	0	0	0
Silver, Total Recoverable, (ug/l as Ag)	0	0	0	0	0	0	0	0	0	0
Silver, Dissolved, (ug/l as Ag)	0	0	0	0	0	0	0	0	0	0
Sodium, Dissolved, (mg/l as Na)	0	0	0	0	100	0	0	0	100	0
Strontium, Dissolved, (ug/l as Sr)	0	0	0	0	0	0	0	0	0	0
Thallium, Total, (ug/l as Tl)	0	0	0	0	0	0	0	0	0	0
Thallium, Dissolved, (ug/l as Tl)	0	0	0	0	0	0	0	0	0	0
Vanadium, Dissolved, (ug/l as V)	0	0	0	0	0	0	0	0	0	0
Zinc, Total Recoverable, (ug/l as Zn)	217	340	340	0	3028	2250	2250	2250	778	0
Zinc, Dissolved, (ug/l as Zn)	155	258	258	0	1864	1551	1665	1551	199	0
Diazinon, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Ethion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Malathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parathion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Trithion, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-syston, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phorate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
DEF, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Fonofos(Dy-fonate), WWT, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aldrin, Total, (ug/l)	21	0	0	0	15	0	0	0	15	0
BHC - ALPHA, (ug/l)	0	0	0	0	0	0	0	0	0	0
BHC - Gamma (Lindane), (ug/l)	0	0	0	0	0	0	0	0	0	0
BHC - DELTA, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1016, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1221, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1232, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

Mesa 5 - Broadway and Dobson	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
Aroclor 1242, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1248, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1254, PCB, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Aroclor 1260, PCB, Total, (ug/L)	0	0	0	0	0	0	0	0	0	0
Chlordane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
P,P' DDD, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
P,P' DDE, Total, (ug/l)	0.018	0	0	0	0	0	0	0	0	0
P, P' DDT, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dieldrin, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Alpha, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Beta, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endo-Sulfan Sulfate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endrin Aldehyde, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Endrin, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Heptachlor, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Heptachlor Epoxide, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Toxaphene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methoxychlor, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Beta Benzene Hexachloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,2,2-Tetrachloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,1,2-Tetrachloroethane, Total,(ug/l)	0	0	0	0	0	0	0	0	0	0
Tetrachloroethene, PCE, Total, (ug/l)	3.3	0	0	0	0	0	0	0	0	0
1,1,1- Trichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1,2- Trichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Trichloroethene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1- Dichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,1- Dichloroethene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2- Dichloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2- Dichloropropane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2- Chloroethylvinyl Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
cis-1,3-Dichloropropene, (ug/l)	0	0	0	0	0	0	0	0	0	0
trans-1,2- Dichloroethene, (ug/l)	0	0	0	0	0	0	0	0	0	0
trans-1,3- Dichloropropene, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bromodichloromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bromoform, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Carbon Tetrachloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chloroethane, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chloroform, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Ethyl-Benzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methylene Chloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Toluene, Total, (ug/l)	6.5	10.8	10.8	0	9	9	9	9	0	0

Mesa 5 - Broadway and Dobson	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
Trichlorofluoromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Vinyl Chloride, Total, (ug/l)	2.1	0	0	0	0	0	0	0	0	0
Chlorodibromomethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	6.65	0	0	0	6	0	0	0	6	0
Acetone, Total, (ug/l)	54.2	0	0	0	125	0	0	0	125	0
2-Butanone, (ug/l)	35	0	0	0	44	0	0	0	44	0
Carbon Disulfide, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2 Dichloroethene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Xylenes, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Hexanone, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Styrene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acrolein, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acrylonitirile, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bromobenzene, Water Whole, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,3-Dichloropropane, Water Whole, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Bromide, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Methyl Chloride, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parachloro Toluene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dibromoethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acenaphthene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Acenaphthylene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Anthracene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzidine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzoic Acid, Total, (ug/l)	50.8	50.8	50.8	0	189	189	189	189	0	0
Benzo (a) Anthracene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (b) Fluoranthene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (k) Fluoranthene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Benzo (ghi) Perylene, Total, (ug/l)	2	0	0	0	1	0	0	0	1	0
Benzo (a) Pyrene, Total, (ug/l)	2.9	0	0	0	0	0	0	0	0	0
Benzyl Alcohol, Total, (ug/l)	4.4	4.4	4.4	0	3	3	3	3	0	0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	46.7	68	68	0	389	300	325	300	64	0
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Butyl Benzyl Phthalate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Chloronapthalene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Chlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Chrysene, Total, (ug/l)	5.6	0	0	0	2	0	0	0	2	0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-N-Butyl Phthalate, Total, (ug/l)	4.6	4.6	4.6	0	2	2	2	2	0	0
1,3- Dichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

Mesa 5 - Broadway and Dobson	Average Event Mean Concentration (all data)	Average Event Mean Concentration (SY97)	Average Event Mean Concentration (summer 96)	Average Event Mean Concentration (winter 97)	Pollutant Loading (pounds) (all years)	Annual Pollutant Loading (pounds) (SY97)	Summer Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (summer 96)	Winter Seasonal Pollutant Loading (pounds) (all years)	Seasonal Pollutant Loading (pounds) (winter 97)
1,4- Dichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2- Dichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
3,3'- Dichlorobenzidine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4- Dichlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Diethyl Phthalate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4- Dimethylphenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dimethyl Phthalate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4- Dinitrophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4- Dinitrotoluene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,6- Dinitrotoluene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Di-N-Octyl-Phthalate, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Fluoranthene, Total, (ug/l)	5.5	0	0	0	1	0	0	0	1	0
Fluorene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Hexachlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Hexachlorobutadiene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Hexachlorocyclopentadiene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Hexachloroethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	2.85	0	0	0	1	0	0	0	1	0
Isophorone, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Naphthalene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Nitrobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2-Nitrophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
4-Nitrophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
N-Nitrosodiphenylamine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Pentachlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phenanthrene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Phenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Pyrene, Total, (ug/l)	5.7	0	0	0	2	0	0	0	2	0
1,2,4-Trichlorobenzene, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4,5- Trichlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
2,4,6- Trichlorophenol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
N-Nitrosodimethylamine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
1,2- Diphenylhydrazine, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Dichlorodifluoromethane, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0
Parachloro-Meta-Cresol, Total, (ug/l)	0	0	0	0	0	0	0	0	0	0

WATER QUALITY DATA

Mesa 1
Horne and Sixth Street

Mesa 1 - Horne and Sixth Street												
Sampling Station Identification Number	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1
Date of Sampling	8/22/92	10/28/92	12/4/92	12/8/92	1/7/93	2/8/93	8/20/93	10/6/93	2/7/94	3/7/94	3/25/94	4/26/94
Agency Collecting Sample	Mesa	Mesa	Mesa	Mesa	Mesa	Mesa	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample	ATL	ATL	ATL	ATL	ATL	ATL	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH
Drainage Area (acres) (DA)	193	193	193	193	193	193	193	193	193	193	193	193
Impervious Area (acres) (IA)	121	121	121	121	121	121	121	121	121	121	121	121
Land Use - Residential	100	100	100	100	100	100	100	100	100	100	100	100
Land Use - Commercial	0	0	0	0	0	0	0	0	0	0	0	0
Land Use - Industrial	0	0	0	0	0	0	0	0	0	0	0	0
Land Use - Undeveloped	0	0	0	0	0	0	0	0	0	0	0	0
Sampling Duration (minutes)	UA	UA	UA	UA	UA	UA	175	UA	106	592	176	186
Storm Duration (minutes) (DRN)	UA	UA	UA	UA	UA	UA	UA	UA	UA	612	358	240
Runoff Sampled (cubic feet) (RUN)	UA	UA	UA	UA	UA	UA	15160	UA	9520	13232	20382	35900
Total Storm Runoff (cubic feet)	UA	UA	UA	UA	UA	UA	UA	UA	UA	13444	67000	45000
Instantaneous Discharge (cfs)	36.4	7.6	6.7	7.3	7.3	14.1	4.2	UA	4.0	1.1	4.1	6.8
Preceeding Dry Period (days) (ANT)	UA	UA	UA	UA	UA	UA	UA	47	124	28	18	32
Total Storm Rainfall (inch)	UA	UA	UA	UA	UA	UA	UA	UA	UA	0.24	0.73	0.54
Rainfall Sampled (inch) (TRN)	UA	UA	UA	UA	UA	UA	0.16	UA	0.31	0.23	0.36	0.53
Maximum 5-minute rain intensity (MAX5)	UA	UA	UA	UA	UA	UA	UA	UA	UA	0.24	1.08	0.96
Sample Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)	6.8	6.2	6.4	6.4	6.4	6.4	7.21	7.81	--	7.49	7.6	7.58
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)	--	--	--	--	--	--	--	86	--	--	79	86
BOD5 (mg/l)	6	16	12	10	8	7	39	25	13	100	24	140
COD High Level (mg/l)	40	120	95	62	71	71	310	100	--	220	130	150
Chloride (mg/l as Cl)	--	--	--	--	--	--	--	3.6	--	9.9	3.8	3.5
Cyanide Total (mg/l as Cn)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	--	--	<0.01	<0.01	<0.01
Fecal Coliform (CFU/100mL)	2	16000	800	2400	3000	500	>16	--	1400	1000	20000	9800
Fecal Streptococci (CFU/100mL)	9	90000	22000	30000	13000	50000	>16	--	170	140	20000	34000
Solids Residue at 180 Deg. C (TDS) (mg/l)	45	200	66	57	32	35	260	85	--	160	85	73
Residue, Total at 105 Deg. C (TSS) (mg/l)	82	89	60	30	56	46	110	270	--	49	88	89
Nitrogen No2 + No3, Total (mg/l as N)	0.33	0.59	0.3	0.26	0.25	--	1.6	0.66	--	1.8	0.55	0.65
TKN Nitrogen (mg/l as N)	1.7	2	1.2	1	0.9	0.9	5.3	3	--	4.2	3.2	2.6
Nitrogen, Ammonia + Organic, Total (mg/l as N)	0.5	1.1	0.8	0.5	0.3	0.4	5.3	3.7	--	4.2	3.2	2.8
Nitrogen Nitrate Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)	--	0.23	0.33	0.2	0.16	0.093	0.66	0.96	--	0.64	0.49	0.56
Phosphorous Dissolved (mg/l as P)	0.18	0.23	--	--	0.081	0.05	0.43	0.31	--	0.4	0.25	0.28

Mesa 1 - Horne and Sixth Street

Sampling Station Identification Number	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1
Date of Sampling	8/22/92	10/28/92	12/4/92	12/8/92	1/7/93	2/8/93	8/20/93	10/6/93	2/7/94	3/7/94	3/25/94	4/26/94
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	--	--	--	--	--	--	--	6.7	--	--	5.8	6.2
Hexavalent Chromium Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	<5	<5	<5	<5	5	<5	--	10	--	--	--	<10
Oil and Grease Total Recoverable (mg/l)	<5.0	22	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--	7	4.3	17
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Whole Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Field (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity LAB (mg/l as CaCo3)	--	--	--	--	--	--	--	52	--	--	--	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	<20	<20	<20	<20	<20	<20	--	<50	--	--	--	--
Antimony Dissolved (ug/l as Sb)	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	<20	<20	<20	<20	<20	<20	--	<50	<50	<50	<50	<50
Arsenic Dissolved (ug/l as As)	--	--	--	--	--	--	--	--	--	--	<5	<5
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	<50	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	<10	<10	<10	<10	<10	<10	--	<50	--	--	--	--
Beryllium Dissolved (ug/l as Be)	--	--	--	--	--	--	--	<50	--	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	<5	<5	<5	<5	<5	<5	<50	<50	<40	<40	<40	<40
Cadmium Dissolved (ug/l as Cd)	--	--	--	--	--	--	<0.5	<0.5	0.9	<0.5	<0.5	<0.5
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	8.6	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Chromium Dissolved (ug/l as Cr)	--	--	--	--	--	--	<5	<5	6	<5	<5	<5
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	<50	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	<50	<50	<50	<50	<50	<50	<50	<50	<50	60	<50	<50
Copper, Dissolved, (ug/l as Cu)	--	--	--	--	--	--	<50	<50	<50	<50	<50	<50
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	<100	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	<20	21	<20	<20	<20	<20	<50	50	<50	<50	<50	<50
Lead, Dissolved, (ug/l as Pb)	--	--	--	--	--	--	<5	<5	<5	<5	<5	<5
Lithium, Dissolved, (ug/l as Li)	--	--	--	--	--	--	--	<1000	--	--	--	--
Magnesium, Dissolved, (mg/l as Mg)	--	--	--	--	--	--	--	0.85	--	--	--	--
Manganese, Dissolved, (ug/l as Mn)	--	--	--	--	--	--	--	<50	--	--	--	--
Mercury, Total Recoverable, (ug/l as Hg)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Mercury, Dissolved, (ug/l as Hg)	--	--	--	--	--	--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	<50	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	<50	<50	<50	<50	<50	<50	--	<50	--	--	--	--
Nickel, Dissolved, (ug/l as Ni)	--	--	--	--	--	--	--	<50	--	--	--	--
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	2.1	--	--	--	--
Selenium, Total, (ug/l as Se)	<5	<5	<5	<5	<5	<5	--	<50	--	--	--	--
Selenium, Dissolved, (ug/l as Se)	--	--	--	--	--	--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	<20	<20	<20	<20	<20	<20	--	<50	--	--	--	--

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Sampling Station Identification Number	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1
Date of Sampling	8/22/92	10/28/92	12/4/92	12/8/92	1/7/93	2/8/93	8/20/93	10/6/93	2/7/94	3/7/94	3/25/94	4/26/94
Silver, Dissolved, (ug/l as Ag)	--	--	--	--	--	--	--	<2	--	--	--	--
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	4.1	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	<1000	--	--	--	--
Thallium, Total, (ug/l as Tl)	<10	<10	<10	<10	<10	<10	--	<50	--	--	--	--
Thallium, Dissolved, (ug/l as Tl)	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	<50	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	<100	150	100	<100	<100	<100	280	160	80	130	180	160
Zinc, Dissolved, (ug/l as Zn)	--	--	--	--	--	--	150	<50	110	<50	<50	60
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	<1.0	--	--	4.3	17
BHC - ALPHA, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.6	<0.6	--	--	--	<1.0
BHC - Gamma (Lindane), (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	--	--	--	<0.6
BHC - DELTA, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	--	--	--	--
Aroclor 1016, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20.0	<2.0	--	--	--	<0.2
Aroclor 1221, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20.0	<50.0	--	--	--	<2.0
Aroclor 1232, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20.0	<10.0	--	--	--	<50.0
Aroclor 1242, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20.0	<6.0	--	--	--	<10.0
Aroclor 1248, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20.0	2.7	--	--	--	<6.0
Aroclor 1254, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20.0	<2.0	--	--	--	<2.0
Aroclor 1260, PCB, Total, (ug/L)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<20.0	<4.0	--	--	--	<2.0
Chlordane, Total, (ug/l)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1.5	<1.5	--	--	--	<4.0
P,P' DDD, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.10	<0.1	--	--	--	<1.5
P,P' DDE, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.10	<0.1	--	<0.1	--	--
P, P' DDT, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<1.0	<1.0	--	--	--	--
Dieldrin, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.50	<0.50	--	--	--	--
Endo-Sulfan Alpha, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.4	<0.4	--	--	--	<0.5
Endo-Sulfan Beta, Total, (ug/l)	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<1.0	<1.0	--	--	--	<0.4
Endo-Sulfan Sulfate, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.4	<0.4	--	--	--	<1.0
Endrin Aldehyde, Total, (ug/l)	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.60	<0.60	--	--	--	<0.4
Endrin, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<1.5	<1.5	--	--	--	<0.6
Heptachlor, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.5	--	--	--	<1.5
Heptachlor Epoxide, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.5	--	--	--	<0.5
Toxaphene, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<2.5	<2.5	--	--	--	<0.5
Methoxychlor, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	--	--	--	--	--	--	<0.6	<0.6	--	--	--	<1.0

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Sampling Station Identification Number	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1
Date of Sampling	8/22/92	10/28/92	12/4/92	12/8/92	1/7/93	2/8/93	8/20/93	10/6/93	2/7/94	3/7/94	3/25/94	4/26/94
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	--	--	<2.0	<2.0	--	<2.5
1,1,1,2-Tetrachloroethane, Total,(ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	--	--	<2.0	<2.0	<2.0	<2.0
1,1,1- Trichloroethane, Total, (ug/l)	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	--	--	<2.0	<2.0	<2.0	<2.0
1,1,2- Trichloroethane, Total, (ug/l)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	<2.0	<2.0	<2.0	<2.0
Trichloroethene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	--	--	<2.0	<2.0	<2.0	<2.0
1,1- Dichloroethane, Total, (ug/l)	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	--	--	<2.0	<2.0	<2.0	<2.0
1,1- Dichloroethene, Total, (ug/l)	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	--	--	<2.0	<2.0	<2.0	<2.0
1,2- Dichloroethane, Total, (ug/l)	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	--	--	<2.0	<2.0	<2.0	<2.0
1,2- Dichloropropane, Total, (ug/l)	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	--	--	<2.0	<2.0	<2.0	<2.0
2- Chloroethylvinyl Ether, Total, (ug/l)	--	--	--	--	--	--	--	--	<5.0	<5.0	<2.0	<2.0
cis-1,3-Dichloropropene, (ug/l)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	<2.0	<2.0	<5.0	<5.0
trans-1,2- Dichloroethene, (ug/l)	--	--	--	--	--	--	--	--	<2.0	<2.0	<2.0	<2.0
trans-1,3- Dichloropropene, (ug/l)	--	--	--	--	--	--	--	--	<2.0	<2.0	<2.0	<2.0
Benzene, Total, (ug/l)	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	--	--	<2.0	<2.0	<2.0	<2.0
Bromodichloromethane, Total, (ug/l)	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	--	--	<2.0	<2.0	<2.0	<2.0
Bromoform, Total, (ug/l)	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	--	--	<5.0	<5.0	<2.0	<2.0
Carbon Tetrachloride, Total, (ug/l)	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	--	--	<2.0	<2.0	<5.0	<5.0
Chlorobenzene, Total, (ug/l)	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	--	--	<2.0	<2.0	<2.0	<2.0
Chloroethane, (ug/l)	--	--	--	--	--	--	--	--	<5.0	<5.0	<2.0	<2.0
Chloroform, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	--	--	<2.0	<2.0	<5.0	<5.0
Ethyl-Benzene, Total, (ug/l)	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	--	--	<2.0	<2.0	<5.0	<5.0
Methylene Chloride, Total, (ug/l)	<2.8	<2.8	<2.8	1.4	<2.8	<2.8	--	--	<5.0	<5.0	<2.0	<2.0
Toluene, Total, (ug/l)	<6.0	<6.0	5	0.7	<6.0	<6.0	--	--	<2.0	<2.0	<5.0	<5.0
Trichlorofluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride, Total, (ug/l)	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	--	--	<5.0	<5.0	<2.0	<2.0
Chlorodibromomethane, Total, (ug/l)	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	--	--	<2.0	<2.0	<10.0	<10.0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	--	--	--	--	--	--	--
Acetone, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Carbon Disulfide, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,2 Dichloroethene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	--	--	--	--	--	--	--	--	<2.0	<2.0	<2.0	<2.0
2-Hexanone, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Styrene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Acrolein, Total, (ug/l)	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	--	--	<10.0	<10.0	<5.0	<5.0
Acrylonitirile, Total, (ug/l)	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	--	--	<10.0	<10.0	<10.0	<10.0
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	--	--	--	--	--	--
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	--	<10.0
Acenaphthylene, Total, (ug/l)	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<10.0	--	--	--	--	<10.0

Mesa 1 - Horne and Sixth Street												
Sampling Station Identification Number	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**
Date of Sampling	**8/22/92**	**10/28/92**	**12/4/92**	**12/8/92**	**1/7/93**	**2/8/93**	**8/20/93**	**10/6/93**	**2/7/94**	**3/7/94**	**3/25/94**	**4/26/94**
Anthracene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	--	<10.0
Benzidine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0	--	--	--	--	--
Benzoic Acid, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Benzo (a) Anthracene, Total, (ug/l)	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<10.0	--	--	--	--	<10.0
Benzo (b) Fluoranthene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	--	--	--	--	<10.0
Benzo (ghi) Perylene, Total, (ug/l)	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<10.0	--	--	--	--	<10.0
Benzo (a) Pyrene, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	--	--	<10.0	<20	<10.0
Benzyl Alcohol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<10.0	--	--	--	--	<10.0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<10.0	--	--	--	--	<10.0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<10.0	--	--	--	--	<10.0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	--	--	--	--	<10.0
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	--	<10.0
Butyl Benzyl Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	--	--	--	--	<10.0
2-Chloronapthalene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	--	<10.0
2-Chlorophenol, Total, (ug/l)	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<10.0	--	--	--	--	<50.0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<10.0	--	--	--	--	<10.0
Chrysene, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	--	--	<10.0	<20.0	<10.0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	<10.0
Di-N-Butyl Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	--	--	--	--	<10.0
1,3- Dichlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	--	<10.0
1,4- Dichlorobenzene, Total, (ug/l)	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<10.0	--	--	--	--	<10.0
1,2- Dichlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	--	<10.0
3,3'- Dichlorobenzidine, Total, (ug/l)	<17.0	<17.0	<17.0	<17.0	<17.0	<17.0	<20.0	--	--	--	--	<10.0
2,4- Dichlorophenol, Total, (ug/l)	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<10.0	--	--	--	--	<10.0
Diethyl Phthalate, Total, (ug/l)	<22.0	<22.0	<22.0	<22.0	<22.0	<22.0	<10.0	--	--	--	--	<10.0
2,4- Dimethylphenol, Total, (ug/l)	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<10.0	--	--	--	--	<10.0
Dimethyl Phthalate, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<10.0	--	--	--	--	<10.0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<24.0	<24.0	<24.0	<24.0	<24.0	<24.0	--	--	--	--	--	<10.0
2,4- Dinitrophenol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
2,4- Dinitrotoluene, Total, (ug/l)	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<10.0	--	--	--	--	<20.0
2,6- Dinitrotoluene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	--	<10.0
Di-N-Octyl-Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	--	--	--	--	<10.0
Fluoranthene, Total, (ug/l)	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<10.0	--	--	<10.0	<20.0	<10.0
Fluorene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	--	<10.0
Hexachlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	--	<10.0
Hexachlorobutadiene, Total, (ug/l)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	--	--	--	--	<10.0
Hexachlorocyclopentadiene, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	--	--	--	--	--
Hexachloroethane, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<10.0	--	--	--	--	<10.0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<10.0	--	--	<10.0	<20.0	<10.0
Isophorone, Total, (ug/l)	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<10.0	--	--	--	--	<10.0
Naphthalene, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<10.0	--	--	--	--	<10.0
Nitrobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	--	<10.0
2-Nitrophenol, Total, (ug/l)	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<10.0	--	--	--	--	<10.0

Mesa 1 - Horne and Sixth Street												
Sampling Station Identification Number	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1
Date of Sampling	8/22/92	10/28/92	12/4/92	12/8/92	1/7/93	2/8/93	8/20/93	10/6/93	2/7/94	3/7/94	3/25/94	4/26/94
4-Nitrophenol, Total, (ug/l)	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<10.0	--	--	--	--	<10.0
N-Nitrosodiphenylamine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0	--	--	--	--	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0	--	--	--	--	--
Pentachlorophenol, Total, (ug/l)	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<10.0	--	--	--	--	<10.0
Phenanthrene, Total, (ug/l)	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<10.0	--	--	--	--	<10.0
Phenol, Total, (ug/l)	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<10.0	--	--	--	--	<10.0
Pyrene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	<10.0	<20	<10.0
1,2,4-Trichlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	--	<10.0
2,4,5- Trichlorophenol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<10.0	--	--	--	--	<30.0
N-Nitrosodimethylamine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0	--	--	--	<2.0	<2.0
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	--	--	<20.0	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	--	--	--	--	--	--

Mesa 1 - Horne and Sixth Street												
Sampling Station Identification Number	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1
Date of Sampling	5/25/94	7/19/94	8/8/94	10/15/94	11/12/94	12/5/94	1/4/95	2/28/95	3/5/95	3/11/95	5/7/95	8/19/95
Agency Collecting Sample	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH
Drainage Area (acres) (DA)	193	193	193	193	193	193	193	193	193	193	193	193
Impervious Area (acres) (IA)	121	121	121	121	121	121	121	121	121	121	121	121
Land Use - Residential	100	100	100	100	100	100	100	100	100	100	100	100
Land Use - Commercial	0	0	0	0	0	0	0	0	0	0	0	0
Land Use - Industrial	0	0	0	0	0	0	0	0	0	0	0	0
Land Use - Undeveloped	0	0	0	0	0	0	0	0	0	0	0	0
Sampling Duration (minutes)	808	1006	104	108	476	1044	312	272	522	724	516	184
Storm Duration (minutes) (DRN)	522	40	12	174	458	UA	184	222	686	588	206	220
Runoff Sampled (cubic feet) (RUN)	12643	13202	15265	60000	36267	26622	34506	8050	28665	18683	2249	47060
Total Storm Runoff (cubic feet)	12643	15000	17500	91000	38800	UA	52000	8750	71000	19000	2790	48850
Instantaneous Discharge (cfs)	2.1	3.2	4.6	21.9	6.6	1.5	2.3	0.9	2.3	2.4	0.3	9.2
Preceeding Dry Period (days) (ANT)	29	55	20	68	28	23	30	55	5	6	57	UA
Total Storm Rainfall (inch)	0.2	0.26	0.1	0.76	0.62	UA	0.13	0.11	0.69	0.23	0.07	0.82
Rainfall Sampled (inch) (TRN)	0.2	0.26	0.1	0.71	0.62	0.61	0.13	0.11	0.44	0.23	0.07	0.81
Maximum 5-minute rain intensity (MAX5)	0.6	0.84	0.84	1.32	0.36	0.24	0.24	0.24	0.24	0.36	0.24	5.16
Sample Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)	6.98	7.06	7.3	7.82	7.57	7.51	7.65	--	7.52	--	--	7.66
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)	200	240	170	100	360	72	110	--	110	--	--	130
BOD5 (mg/l)	110	24	45	57	68	39	23	78	100	--	54	18
COD High Level (mg/l)	220	97	230	89	67	70	89	--	59	--	--	170
Chloride (mg/l as Cl)	7.3	18	11	11	27	2.7	7.2	--	3.3	--	--	4.8
Cyanide Total (mg/l as Cn)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	<0.01	--	--	<0.01
Fecal Coliform (CFU/100mL)	--	97000	4600	4100	1000	--	13	8	440	76	87	130000
Fecal Streptococci (CFU/100mL)	--	90000	<1.	340	880	--	1.1	340	1100	630	430	110
Solids Residue at 180 Deg. C (TDS) (mg/l)	200	190	170	88	44	49	99	--	60	--	--	110
Residue, Total at 105 Deg. C (TSS) (mg/l)	70	110	130	42	54	30	40	--	53	--	--	230
Nitrogen No2 + No3, Total (mg/l as N)	0.97	1.4	1.8	0.78	<0.50	<0.50	0.8	--	<0.50	--	--	1.4
TKN Nitrogen (mg/l as N)	5.3	2.5	4.6	3.4	2	1.9	1.3	--	2	--	--	4
Nitrogen, Ammonia + Organic, Total (mg/l as N)	4.3	0.7	--	1.9	1.4	1.5	1.3	--	2	--	--	4
Nitrogen Nitrate Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	1.4
Nitrogen Nitrite Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	<0.05
Nitrogen Ammonia Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	1
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)	0.67	1.2	0.45	0.36	0.38	0.02	0.28	--	0.3	--	--	0.68
Phosphorous Dissolved (mg/l as P)	0.22	0.32	0.44	0.35	0.2	<0.10	0.19	--	0.23	--	--	0.46

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Sampling Station Identification Number	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1
Date of Sampling	5/25/94	7/19/94	8/8/94	10/15/94	11/12/94	12/5/94	1/4/95	2/28/95	3/5/95	3/11/95	5/7/95	8/19/95
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	17	22	13	8.6	31	6.8	11	--	6.1	--	--	7.3
Hexavalent Chromium Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	--	--	--	<10	30	20	10	--	--	--	--	--
Oil and Grease Total Recoverable (mg/l)	5.2	290	7	8	8.1	6	2.9	20	6.8	3.7	1.8	280
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Whole Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Field (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity LAB (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	--	--	--	--	--	--	--	--	--	--	--	--
Antimony Dissolved (ug/l as Sb)	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	<50	<50	<50	<50	<50	<50	<50	--	<50	<50	--	<50
Arsenic Dissolved (ug/l as As)	--	--	--	<5	<5	<5	<5	--	<5	--	--	<5
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	--	<5	--	--	--	--	--	--	--	--	--	--
Beryllium Dissolved (ug/l as Be)	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	<40	<40	<40	<40	<40	<40	<40	--	<40	<40	--	<40
Cadmium Dissolved (ug/l as Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	--	<0.5	--	--	<0.5
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	330	<50	<50	<50	<50	<50	<50	--	<50	<50	--	<50
Chromium Dissolved (ug/l as Cr)	<5	<5	<5	<5	<5	<5	<5	--	<5	--	--	<5
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	<50	<50	<50	70	<50	<50	<50	--	<50	<50	--	60
Copper, Dissolved, (ug/l as Cu)	<50	<50	<50	<50	<50	<50	<50	--	<50	--	--	<50
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	<50	<50	<50	<50	<50	<50	<50	--	<50	<50	--	<50
Lead, Dissolved, (ug/l as Pb)	<5	<5	<5	<5	<20	18	<5	--	<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)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	--	<1.0
Mercury, Dissolved, (ug/l as Hg)	--	--	--	--	--	--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Dissolved, (ug/l as Ni)	--	--	--	--	--	--	--	--	--	--	--	--
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Dissolved, (ug/l as Se)	--	--	--	--	--	--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	--	--	--	--	--	--	--	--	--	--	--	--

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Sampling Station Identification Number	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1
Date of Sampling	5/25/94	7/19/94	8/8/94	10/15/94	11/12/94	12/5/94	1/4/95	2/28/95	3/5/95	3/11/95	5/7/95	8/19/95
Silver, Dissolved, (ug/l as Ag)	--	--	--	--	--	--	--	--	--	--	--	--
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Dissolved, (ug/l as Tl)	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	160	620	330	130	60	60	<50	--	50	80	--	<660
Zinc, Dissolved, (ug/l as Zn)	120	170	100	<50	<50	60	70	--	<50	<50	--	<50
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	--	--	<1.0	<1.0	<0.1	<0.10	<0.10	--	<0.11	<0.10	--	--
BHC - ALPHA, (ug/l)	--	--	<1.0	<1.0	<0.1	<0.050	<0.050	--	<0.055	<0.05	--	--
BHC - Gamma (Lindane), (ug/l)	--	--	<0.5	<1.0	<0.1	<0.050	<0.050	--	<0.055	<0.05	--	--
BHC - DELTA, (ug/l)	--	--	<0.2	<1.0	<0.1	<0.40	<0.40	--	<0.44	<0.40	--	--
Aroclor 1016, PCB, Total, (ug/l)	--	--	<2.0	<10.	<1.0	<1.0	<1.0	--	<1.1	<1.0	--	--
Aroclor 1221, PCB, Total, (ug/l)	--	--	<50.0	<10.	<1.0	<1.0	<1.0	--	<1.1	<1.0	--	--
Aroclor 1232, PCB, Total, (ug/l)	--	--	<10.0	<10.	<1.0	<1.0	<1.0	--	<1.1	<1.0	--	--
Aroclor 1242, PCB, Total, (ug/l)	--	--	<6.0	<10.	<1.0	<1.0	<1.0	--	<1.1	<1.0	--	--
Aroclor 1248, PCB, Total, (ug/l)	--	--	<2.0	<10.	<1.0	<1.0	<1.0	--	<1.1	<1.0	--	--
Aroclor 1254, PCB, Total, (ug/l)	--	--	<2.0	<10.	<1.0	<1.0	<1.0	--	<1.1	<1.0	--	--
Aroclor 1260, PCB, Total, (ug/L)	--	--	<4.0	<10.	<1.0	<1.0	<1.0	--	<1.1	<1.0	--	--
Chlordane, Total, (ug/l)	--	--	<1.5	<1.0	<0.5	<0.15	<0.15	--	<0.17	<0.15	--	--
P,P' DDD, Total, (ug/l)	--	--	<0.1	<1.0	<0.1	<0.10	<0.10	--	<0.11	<0.10	--	--
P,P' DDE, Total, (ug/l)	<0.1	<0.1	<0.1	<1.0	<0.1	<0.050	<0.050	--	<0.055	<0.05	--	--
P, P' DDT, Total, (ug/l)	--	--	<1.0	<1.0	<0.1	<0.10	<0.10	--	<0.11	<0.10	--	--
Dieldrin, Total, (ug/l)	--	--	<0.5	<1.0	<0.1	<0.10	<0.10	--	<0.11	<0.10	--	--
Endo-Sulfan Alpha, Total, (ug/l)	--	--	<0.4	<1.0	<0.1	<0.10	<0.10	--	<0.17	<0.15	--	--
Endo-Sulfan Beta, Total, (ug/l)	--	--	<1.0	<1.0	<0.1	<0.15	<0.15	--	<0.11	<0.10	--	--
Endo-Sulfan Sulfate, Total, (ug/l)	--	--	<0.4	<1.0	<0.1	<0.75	<0.75	--	<0.83	<0.75	--	--
Endrin Aldehyde, Total, (ug/l)	--	--	<0.6	<1.0	<0.1	<0.25	<0.25	--	<0.28	<0.25	--	--
Endrin, Total, (ug/l)	--	--	<1.5	<1.0	<0.1	<0.10	<0.10	--	<0.11	<0.10	--	--
Heptachlor, Total, (ug/l)	--	--	<0.5	<1.0	<0.1	<0.25	<0.25	--	<0.11	<0.10	--	--
Heptachlor Epoxide, Total, (ug/l)	--	--	<0.5	<1.0	<0.1	<0.10	<0.10	--	<0.11	<0.10	--	--
Toxaphene, Total, (ug/l)	--	--	<2.5	<1.0	<0.1	<0.50	<0.50	--	<0.55	<0.50	--	--
Methoxychlor, Total, (ug/l)	--	--	--	--	--	--	--	--	--	<10	--	--
Beta Benzene Hexachloride, Total, (ug/l)	--	--	<1.0	<1.0	<0.1	<0.050	<0.050	--	<0.055	<0.05	--	--

Mesa 1 - Horne and Sixth Street												
Sampling Station Identification Number	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1
Date of Sampling	5/25/94	7/19/94	8/8/94	10/15/94	11/12/94	12/5/94	1/4/95	2/28/95	3/5/95	3/11/95	5/7/95	8/19/95
1,1,2,2-Tetrachloroethane, Total, (ug/l)	--	--	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
1,1,1,2-Tetrachloroethane, Total,(ug/l)	--	--	--	--	--	--	--	--	--	--	--	<2.0
Tetrachloroethene, PCE, Total, (ug/l)	--	--	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
1,1,1- Trichloroethane, Total, (ug/l)	--	--	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
1,1,2- Trichloroethane, Total, (ug/l)	--	--	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
Trichloroethene, Total, (ug/l)	--	--	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
1,1- Dichloroethane, Total, (ug/l)	--	--	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
1,1- Dichloroethene, Total, (ug/l)	--	--	<4.0	<2.0	--	<5.0	<0.5	<5.0	<5.0	<5.0	<0.5	<2.0
1,2- Dichloroethane, Total, (ug/l)	--	--	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
1,2- Dichloropropane, Total, (ug/l)	--	--	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
2- Chloroethylvinyl Ether, Total, (ug/l)	--	--	<10.0	<2.0	--	<2.0	<5.0	<2.0	<2.0	<2.0	--	<5.0
cis-1,3-Dichloropropene, (ug/l)	--	--	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
trans-1,2- Dichloroethene, (ug/l)	--	--	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
trans-1,3- Dichloropropene, (ug/l)	--	--	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
Benzene, Total, (ug/l)	--	--	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
Bromodichloromethane, Total, (ug/l)	--	--	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
Bromoform, Total, (ug/l)	--	--	<10.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<5.0
Carbon Tetrachloride, Total, (ug/l)	--	--	<4.0	<2.0	--	<5.0	<0.5	<5.0	<5.0	<5.0	<0.5	<2.0
Chlorobenzene, Total, (ug/l)	--	--	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
Chloroethane, (ug/l)	--	--	<10.0	<5.0	--	<5.0	<1.0	<5.0	<5.0	<5.0	<1.0	<5.0
Chloroform, Total, (ug/l)	--	--	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
Ethyl-Benzene, Total, (ug/l)	--	--	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
Methylene Chloride, Total, (ug/l)	<5.0	<1000	<10.0	<5.0	--	<10.	<1.0	<10	<10	<10	<1.0	<5.0
Toluene, Total, (ug/l)	<2.0	<400	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
Trichlorofluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	<5.0	--	<5.0
Vinyl Chloride, Total, (ug/l)	--	--	<10.0	<5.0	--	<5.0	<0.5	<5.0	<5.0	<5.0	<0.5	<5.0
Chlorodibromomethane, Total, (ug/l)	--	--	<4.0	<2.0	--	<2.0	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	--	<5.0	--	<5.0	--	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone, Total, (ug/l)	--	--	--	--	--	11	--	59	24	18	--	--
2-Butanone, (ug/l)	--	--	--	--	--	<10.	--	<10	<10	<10	--	--
Carbon Disulfide, Total, (ug/l)	--	--	--	--	--	<5.0	--	<5.0	<5.0	<5.0	--	--
1,2 Dichloroethene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	--	--	<4.0	--	--	<2.0	<1.0	<2.0	<2.0	<2.0	<1.0	--
2-Hexanone, Total, (ug/l)	--	--	--	--	--	<10.	--	<10	<10	<10	--	--
Styrene, Total, (ug/l)	--	--	--	--	--	<2.0	--	<2.0	<2.0	<2.0	--	--
Acrolein, Total, (ug/l)	--	--	<20.0	--	--	--	<50	--	--	--	--	--
Acrylonitirile, Total, (ug/l)	--	--	<20.0	--	--	--	<50	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	<5.0
Methyl Chloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	<5.0
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Acenaphthylene, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--

Mesa 1 - Horne and Sixth Street												
Sampling Station Identification Number	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1
Date of Sampling	5/25/94	7/19/94	8/8/94	10/15/94	11/12/94	12/5/94	1/4/95	2/28/95	3/5/95	3/11/95	5/7/95	8/19/95
Anthracene, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Benzidine, Total, (ug/l)	--	--	--	<100.	--	<100.	<10.0	--	<110	<110	--	--
Benzoic Acid, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Benzo (a) Anthracene, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Benzo (b) Fluoranthene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Benzo (ghi) Perylene, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Benzo (a) Pyrene, Total, (ug/l)	<10.0	<10.0	--	<10.	<5.0	<10.	<2.0	--	<11	<11	--	--
Benzyl Alcohol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	--	--	--	<20.	--	<20.	7	--	<22	<22	--	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Butyl Benzyl Phthalate, Total, (ug/l)	--	--	--	<20.	--	<20.	<2.0	--	<22	<22	--	--
2-Chloronapthalene, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
2-Chlorophenol, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Chrysene, Total, (ug/l)	<10.0	<10.0	--	<10.	<5.0	<10.	<2.0	--	<11	<11	--	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	--	--	--	<20.	--	<20.	<2.0	--	<22	<22	--	--
Di-N-Butyl Phthalate, Total, (ug/l)	--	--	--	<20.	--	<20.	<2.0	--	<22	<22	--	--
1,3- Dichlorobenzene, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
1,4- Dichlorobenzene, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
1,2- Dichlorobenzene, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
3,3'- Dichlorobenzidine, Total, (ug/l)	--	--	--	<40.	--	<40.	<5.0	--	<43	<43	--	--
2,4- Dichlorophenol, Total, (ug/l)	--	--	--	<10.	--	<10.	<5.0	--	<11	<11	--	--
Diethyl Phthalate, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
2,4- Dimethylphenol, Total, (ug/l)	--	--	--	<20.	--	<20.	<2.0	--	<22	<22	--	--
Dimethyl Phthalate, Total, (ug/l)	--	--	--	<10.0	--	<10.0	<2.0	--	<11	<11	--	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	--	--	--	--	--	--	<5.0	--	<43	<43	--	--
2,4- Dinitrophenol, Total, (ug/l)	--	--	--	<100.	--	<100.	<10.	--	<110	<110	--	--
2,4- Dinitrotoluene, Total, (ug/l)	--	--	--	<10.0	--	<10.	<2.0	--	<11	<11	--	--
2,6- Dinitrotoluene, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Di-N-Octyl-Phthalate, Total, (ug/l)	--	--	--	<40.	--	<40.	<2.0	--	<43	<43	--	--
Fluoranthene, Total, (ug/l)	<10.0	<10.0	--	<10.	<5.0	<10.	<2.0	--	<11	<11	--	--
Fluorene, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Hexachlorobenzene, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Hexachlorobutadiene, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Hexachlorocyclopentadiene, Total, (ug/l)	--	--	--	<40.	--	<40.	<2.0	--	<43	<43	--	--
Hexachloroethane, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<10.0	<10.0	--	<20.	<5.0	<20.	<2.0	--	<22	<22	--	--
Isophorone, Total, (ug/l)	--	--	--	<10.0	--	<10.	<2.0	--	<11	<11	--	--
Naphthalene, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Nitrobenzene, Total, (ug/l)	--	--	--	<40.0	--	<40.	<2.0	--	<43	<43	--	--
2-Nitrophenol, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--

Mesa 1 - Horne and Sixth Street												
Sampling Station Identification Number	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**
Date of Sampling	**5/25/94**	**7/19/94**	**8/8/94**	**10/15/94**	**11/12/94**	**12/5/94**	**1/4/95**	**2/28/95**	**3/5/95**	**3/11/95**	**5/7/95**	**8/19/95**
4-Nitrophenol, Total, (ug/l)	--	--	--	<100.	--	<100.	<5.0	--	<110	<110	--	--
N-Nitrosodiphenylamine, Total, (ug/l)	--	--	--	<10.0	--	<10.	<2.0	--	<11	<11	--	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	--	--	--	<10.0	--	<10.	<2.0	--	<11	<11	--	--
Pentachlorophenol, Total, (ug/l)	--	--	--	<40.	--	<40.	<5.0	--	<43	<43	--	--
Phenanthrene, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Phenol, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
Pyrene, Total, (ug/l)	<10.0	<10.0	--	<10.	<5.0	<10.	<2.0	--	<11	<11	--	--
1,2,4-Trichlorobenzene, Total, (ug/l)	--	--	--	<10.	--	<10.	<2.0	--	<11	<11	--	--
2,4,5- Trichlorophenol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	--	--	--	<20.0	--	<20.	<5.0	--	<22	<22	--	--
N-Nitrosodimethylamine, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	<1000.	--	<1000.	<2.0	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--

Mesa 1 - Horne and Sixth Street												
Sampling Station Identification Number	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1
Date of Sampling	9/7/95	11/1/95	2/1/96	2/26/96	3/13/96	7/9/96	7/25/96	9/2/96	9/11/96	9/24/96	1/13/97	1/26/97
Agency Collecting Sample	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample	WESTECH	WESTECH	DEL MAR	DEL MAR	DEL MAR	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN
Drainage Area (acres) (DA)	193	193	193	193	193	193	193	193	193	193	193	193
Impervious Area (acres) (IA)	121	121	121	121	121	121	121	121	121	121	121	121
Land Use - Residential	100	100	100	100	100	100	100	100	100	100	100	100
Land Use - Commercial	0	0	0	0	0	0	0	0	0	0	0	0
Land Use - Industrial	0	0	0	0	0	0	0	0	0	0	0	0
Land Use - Undeveloped	0	0	0	0	0	0	0	0	0	0	0	0
Sampling Duration (minutes)	316	146	814	226	1158	120	292	202	219	182	236	1467
Storm Duration (minutes) (DRN)	280	232	834	138	1067	167	235	159	228	16	227	422
Runoff Sampled (cubic feet) (RUN)	33513	55325	40175	17404	10550	5000	21540	21100	40200	1560	34777	9300
Total Storm Runoff (cubic feet)	40000	127250	56400	17600	10860	6200	22300	21800	54800	2460	41800	9600
Instantaneous Discharge (cfs)	4.4	12.3	9.5	2.9	1.9	1.4	3.7	5.5	7.1	0.3	5.4	0.5
Preceeding Dry Period (days) (ANT)	18	33	86	25	16	118	16	38	8	13	45	13
Total Storm Rainfall (inch)	0.3	0.94	0.69	0.53	0.42	0.12	0.73	0.55	1.01	0.07	0.5	0.14
Rainfall Sampled (inch) (TRN)	0.3	0.67	0.66	0.53	0.42	0.12	0.73	0.55	0.94	0.07	0.5	0.14
Maximum 5-minute rain intensity (MAX5)	0.36	1.32	1.8	0.96	0.36	0.6	1.68	2.16	2.52	0.36	0.48	0.12
Sample Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	13.3
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	8.2
pH, Lab (standard units)	6.94	7.13	7.2	7.9	--	--	8.6	7.6	7.4	--	7.6	--
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	170	75	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	8.9	5.7	7.2	5.82	7.6	--	6.1	8.9	9.9
Electrical Conductivity (umhos/cm)	170	87	--	--	--	--	271	1900	125	--	77	--
BOD5 (mg/l)	160	81	70	33	79	517	78	13	--	111	150	91
COD High Level (mg/l)	120	50	220	90	--	--	233	229	47	--	28	--
Chloride (mg/l as Cl)	11	5.3	8.9	4.6	--	--	19	--	12	--	8	--
Cyanide Total (mg/l as Cn)	<0.01	<0.01	<0.025	<0.025	--	--	<0.02	--	<0.02	--	<0.01	--
Fecal Coliform (CFU/100mL)	5700	--	--	700	1600	--	>160000	50000	>160000	3000	9000	160000
Fecal Streptococci (CFU/100mL)	270	--	--	9000	5000	>1600	3000	16000	16000	9000	5000	16000
Solids Residue at 180 Deg. C (TDS) (mg/l)	210	77	150	68	--	--	268	236	62	--	99	--
Residue, Total at 105 Deg. C (TSS) (mg/l)	59	140	150	41	--	--	580	150	84	--	40	--
Nitrogen No2 + No3, Total (mg/l as N)	1.2	0.75	1.3	0.53	--	--	2.32	2.1	0.38	--	0.54	--
TKN Nitrogen (mg/l as N)	3.7	2.3	2.2	1.7	--	--	6.4	5.9	1.7	--	2.44	--
Nitrogen, Ammonia + Organic, Total (mg/l as N)	3.7	2.3	1.8	1.63	--	--	6.4	5.9	1.7	--	2.44	--
Nitrogen Nitrate Total (mg/l as N)	0.92	0.75	1.3	0.53	--	--	2.32	2.1	0.38	--	0.54	--
Nitrogen Nitrite Total (mg/l as N)	0.24	<0.05	<0.15	<0.15	--	--	<0.1	<0.1	<0.1	--	<0.1	--
Nitrogen Ammonia Total (mg/l as N)	0.2	1	1.8	0.53	--	--	2.44	1.8	0.9	--	1.66	--
Nitrogen Organic Total (mg/l as N)	--	1.3	ND	1.1	--	--	3.96	4.1	0.8	--	0.78	--
Phosphorous Total (mg/l as P)	0.17	0.1	0.41	0.3	--	--	1.2	0.16	0.22	--	0.35	--
Phosphorous Dissolved (mg/l as P)	0.15	<0.10	0.17	0.089	--	--	0.36	0.5	--	--	0.17	--

Mesa 1 - Horne and Sixth Street												
Sampling Station Identification Number	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1
Date of Sampling	9/7/95	11/1/95	2/1/96	2/26/96	3/13/96	7/9/96	7/25/96	9/2/96	9/11/96	9/24/96	1/13/97	1/26/97
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	16	7.6	14	4.5	--	--	22	--	--	--	5	--
Hexavalent Chromium Total (mg/l)	--	--	<0.025	<0.025	--	--	<0.005	<0.005	<0.005	--	<0.010	--
Phenols Total Recoverable (ug/l)	20	10	--	<100	--	--	12	--	24	--	<5	--
Oil and Grease Total Recoverable (mg/l)	2.7	8.4	6.2	<1.0	5.2	<5.0	7	<5.0	10	<5.0	<5.0	<5.0
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	101	--	10	--	22	--
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)	--	--	40	18	--	--	98	38	30	--	20	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	43	22	--	--	278	58	29	--	28	--
Antimony (ug/l as Sb)	--	--	<50	<50	--	--	<5	<5	<5	--	<5	--
Antimony Dissolved (ug/l as Sb)	--	--	<50	<50	--	--	<5	<5	<5	--	<5	--
Arsenic Total (ug/l as As)	<30	<30	<10	<10	--	--	10	<5	<5	--	<5	--
Arsenic Dissolved (ug/l as As)	<20	<30	<10	<10	--	--	<5	<5	<5	--	<5	--
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	--	--	<5	<5	--	--	2	<2	<2	--	<2	--
Beryllium Dissolved (ug/l as Be)	--	--	<5	<5	--	--	<2	<2	<2	--	<2	--
Cadmium Total Recoverable (ug/l as Cd)	<4	<3	<5	<5	--	--	6	<4	<4	--	<4	--
Cadmium Dissolved (ug/l as Cd)	<1	<3	<4	<5	--	--	<4	<4	<4	--	<4	--
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	<7	3	<5	<5	--	--	27	<5	<5	--	<5	--
Chromium Dissolved (ug/l as Cr)	<2	<2	<5	<5	--	--	<5	<5	<5	--	<5	--
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	20	<50	<50	<50	--	--	108	27	<15	--	16	--
Copper, Dissolved, (ug/l as Cu)	10	<50	<50	<50	--	--	31	18	<10	--	<15	--
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	10	<23	27	7.8	--	--	86	<5	<5	--	8	--
Lead, Dissolved, (ug/l as Pb)	33	<23	<5	10	--	--	<5	6	<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)	<1.0	<1.0	<0.2	<0.2	--	--	<0.2	<0.2	<0.2	--	<0.2	--
Mercury, Dissolved, (ug/l as Hg)	--	--	<0.2	<0.2	--	--	<0.2	<0.2	<0.2	--	<0.2	--
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	--	--	<50	<50	--	--	60	20	<20	--	<20	--
Nickel, Dissolved, (ug/l as Ni)	--	--	<50	<50	--	--	<20	<20	<20	--	<20	--
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	--	--	<20	<20	--	--	<5	<5	<5	--	<5	--
Selenium, Dissolved, (ug/l as Se)	--	--	<20	<20	--	--	<5	<5	<5	--	<5	--
Silver, Total Recoverable, (ug/l as Ag)	--	--	<10	<5	--	--	<50	<50	<50	--	<50	--

Mesa 1 - Horne and Sixth Street												
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Date of Sampling	9/7/95	11/1/95	2/1/96	2/26/96	3/13/96	7/9/96	7/25/96	9/2/96	9/11/96	9/24/96	1/13/97	1/26/97
Silver, Dissolved, (ug/l as Ag)	--	--	<10	<5	--	--	<50	<50	<50	--	<50	--
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	--	--	<2	<20	--	--	<1	<1	<1	--	<1	--
Thallium, Dissolved, (ug/l as Tl)	--	--	<2	<20	--	--	<1	<1	<1	--	<1	--
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	<660	120	260	79	--	--	640	120	<20	--	100	--
Zinc, Dissolved, (ug/l as Zn)	120	110	76	<50	--	--	30	130	<10	--	30	--
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<0.10	<1.0	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
BHC - ALPHA, (ug/l)	<0.050	<0.6	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
BHC - Gamma (Lindane), (ug/l)	<0.050	<0.5	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
BHC - DELTA, (ug/l)	<0.40	<0.2	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
Aroclor 1016, PCB, Total, (ug/l)	<1.0	<2.0	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
Aroclor 1221, PCB, Total, (ug/l)	<1.0	<50	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
Aroclor 1232, PCB, Total, (ug/l)	<1.0	<10	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
Aroclor 1242, PCB, Total, (ug/l)	<1.0	<6.0	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
Aroclor 1248, PCB, Total, (ug/l)	<1.0	<2.0	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
Aroclor 1254, PCB, Total, (ug/l)	<1.0	<2.0	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
Aroclor 1260, PCB, Total, (ug/L)	<1.0	<4.0	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
Chlordane, Total, (ug/l)	<0.15	<1.5	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
P,P' DDD, Total, (ug/l)	<0.10	<0.1	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
P,P' DDE, Total, (ug/l)	<0.050	<0.2	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
P, P' DDT, Total, (ug/l)	<0.10	<1.0	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
Dieldrin, Total, (ug/l)	<0.10	<0.5	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
Endo-Sulfan Alpha, Total, (ug/l)	<0.15	<0.4	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
Endo-Sulfan Beta, Total, (ug/l)	<0.10	<1.0	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
Endo-Sulfan Sulfate, Total, (ug/l)	<0.75	<0.4	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
Endrin Aldehyde, Total, (ug/l)	<0.25	<0.6	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
Endrin, Total, (ug/l)	<0.10	<1.5	--	--	--	--	<0.1	--	<0.1	--	<0.2	--
Heptachlor, Total, (ug/l)	<0.10	<0.5	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
Heptachlor Epoxide, Total, (ug/l)	<0.10	<0.5	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
Toxaphene, Total, (ug/l)	<0.50	<2.5	--	--	--	--	<0.5	--	<0.5	--	<0.5	--
Methoxychlor, Total, (ug/l)	<10	--	--	--	--	--	--	--	--	--	<0.5	--
Beta Benzene Hexachloride, Total, (ug/l)	<0.050	<0.3	--	--	--	--	<0.5	--	<0.5	--	<0.5	--

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Date of Sampling	9/7/95	11/1/95	2/1/96	2/26/96	3/13/96	7/9/96	7/25/96	9/2/96	9/11/96	9/24/96	1/13/97	1/26/97
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
1,1,1,2-Tetrachloroethane, Total,(ug/l)	--	<2.0	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
1,1,1- Trichloroethane, Total, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
1,1,2- Trichloroethane, Total, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
Trichloroethene, Total, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
1,1- Dichloroethane, Total, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
1,1- Dichloroethene, Total, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
1,2- Dichloroethane, Total, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
1,2- Dichloropropane, Total, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
2- Chloroethylvinyl Ether, Total, (ug/l)	<50	<5.0	<5.0	<5.0	<5.0	<2	<2	<2	<2	<2	<2	<2
cis-1,3-Dichloropropene, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
trans-1,2- Dichloroethene, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
trans-1,3- Dichloropropene, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
Benzene, Total, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
Bromodichloromethane, Total, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
Bromoform, Total, (ug/l)	<50	<5.0	<5.0	<5.0	<5.0	<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride, Total, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
Chlorobenzene, Total, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
Chloroethane, (ug/l)	<50	<5.0	<5.0	<5.0	<5.0	<5	<5	<5	<5	<5	<5	<5
Chloroform, Total, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
Ethyl-Benzene, Total, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
Methylene Chloride, Total, (ug/l)	<50	<5.0	<10	<10	<10	--	--	--	--	--	--	--
Toluene, Total, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
Trichlorofluoromethane, Total, (ug/l)	<50	<5.0	<5.0	<5.0	<5.0	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride, Total, (ug/l)	<50	<5.0	<5.0	<5.0	<5.0	<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane, Total, (ug/l)	<20	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--	--
Acetone, Total, (ug/l)	--	--	52	58	24	<10	<10	<10	<10	<10	<10	<10
2-Butanone, (ug/l)	--	--	12	<10	<10	<10	<10	<10	<10	<10	<10	<10
Carbon Disulfide, Total, (ug/l)	--	--	<5.0	<5.0	<5.0	<10	<10	<10	<10	<10	<10	<10
1,2 Dichloroethene, Total, (ug/l)	--	--	--	--	--	<2	<2	<2	<2	<2	<2	<2
Xylenes, Total, (ug/l)	--	--	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
2-Hexanone, Total, (ug/l)	--	--	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Styrene, Total, (ug/l)	--	--	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2	<2
Acrolein, Total, (ug/l)	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10
Acrylonitirile, Total, (ug/l)	--	--	--	--	--	<10	<10	<10	<10	<10	<10	<10
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	<2	<2	<2	<2	<2	<2	<2
Methyl Bromide, Total, (ug/l)	<50	<5.0	<5.0	<5.0	<5.0	<5	<5	<5	<5	<5	<5	<5
Methyl Chloride, Total, (ug/l)	<50	<5.0	<5.0	<5.0	<5.0	<5	<5	<5	<5	<5	<5	<5
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Acenaphthylene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--

Mesa 1 - Horne and Sixth Street												
Sampling Station Identification Number	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1	MESA_1
Date of Sampling	9/7/95	11/1/95	2/1/96	2/26/96	3/13/96	7/9/96	7/25/96	9/2/96	9/11/96	9/24/96	1/13/97	1/26/97
Anthracene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Benzidine, Total, (ug/l)	<100	<100	--	--	--	--	<50	--	<50	--	<50	--
Benzoic Acid, Total, (ug/l)	<100	<100	--	--	--	--	11	--	<5	--	15	--
Benzo (a) Anthracene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Benzo (b) Fluoranthene, Total, (ug/l)	<10	<10	--	--	--	--	<5	--	<5	--	<5.0	--
Benzo (k) Fluoranthene, Total, (ug/l)	<10	<10	--	--	--	--	<5	--	<5	--	<5.0	--
Benzo (ghi) Perylene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Benzo (a) Pyrene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Benzyl Alcohol, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	<20	<20	--	--	--	--	23	--	48	--	73	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Butyl Benzyl Phthalate, Total, (ug/l)	<20	<20	--	--	--	--	<5	--	<5	--	<5.0	--
2-Chloronapthalene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
2-Chlorophenol, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Chrysene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	<20	<20	--	--	--	--	<5	--	<5	--	<5.0	--
Di-N-Butyl Phthalate, Total, (ug/l)	<20	<20	--	--	--	--	<3	--	<3	--	<3.0	--
1,3- Dichlorobenzene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
1,4- Dichlorobenzene, Total, (ug/l)	<10	<10	--	--	--	--	<5	--	<5	--	<3.0	--
1,2- Dichlorobenzene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
3,3'- Dichlorobenzidine, Total, (ug/l)	<40	<40	--	--	--	--	<5	--	<5	--	<5.0	--
2,4- Dichlorophenol, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Diethyl Phthalate, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
2,4- Dimethylphenol, Total, (ug/l)	<20	<20	--	--	--	--	<5	--	<5	--	<5.0	--
Dimethyl Phthalate, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<40	<40	--	--	--	--	<5	--	<5	--	<5.0	--
2,4- Dinitrophenol, Total, (ug/l)	<100	<100	--	--	--	--	<10	--	<10	--	<10	--
2,4- Dinitrotoluene, Total, (ug/l)	<10	<10	--	--	--	--	<5	--	<5	--	<5.0	--
2,6- Dinitrotoluene, Total, (ug/l)	<10	<10	--	--	--	--	<5	--	<5	--	<5.0	--
Di-N-Octyl-Phthalate, Total, (ug/l)	<40	<40	--	--	--	--	<5	--	<5	--	<5.0	--
Fluoranthene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Fluorene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Hexachlorobenzene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Hexachlorobutadiene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Hexachlorocyclopentadiene, Total, (ug/l)	<40	<40	--	--	--	--	<10	--	<10	--	<10	--
Hexachloroethane, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<20	<20	--	--	--	--	<5	--	<5	--	<5.0	--
Isophorone, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Naphthalene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Nitrobenzene, Total, (ug/l)	<40	<40	--	--	--	--	<3	--	<3	--	<3.0	--
2-Nitrophenol, Total, (ug/l)	<10	<10	--	--	--	--	<5	--	<5	--	<5.0	--

Mesa 1 - Horne and Sixth Street												
Sampling Station Identification Number	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**	**MESA_1**
Date of Sampling	**9/7/95**	**11/1/95**	**2/1/96**	**2/26/96**	**3/13/96**	**7/9/96**	**7/25/96**	**9/2/96**	**9/11/96**	**9/24/96**	**1/13/97**	**1/26/97**
4-Nitrophenol, Total, (ug/l)	<100	<100	--	--	--	--	<5	--	<5	--	<5.0	--
N-Nitrosodiphenylamine, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Pentachlorophenol, Total, (ug/l)	<40	<40	--	--	--	--	<5	--	<5	--	<5.0	--
Phenanthrene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Phenol, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
Pyrene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
1,2,4-Trichlorobenzene, Total, (ug/l)	<10	<10	--	--	--	--	<3	--	<3	--	<3.0	--
2,4,5- Trichlorophenol, Total, (ug/l)	<20	<20	--	--	--	--	<3	--	<3	--	<3.0	--
2,4,6- Trichlorophenol, Total, (ug/l)	<20	<20	--	--	--	--	<3	--	<3	--	<3.0	--
N-Nitrosodimethylamine, Total, (ug/l)	--	--	--	--	--	--	<5	--	<5	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--

Mesa 1 - Horne and Sixth Street		
Sampling Station Identification Number	**MESA_1**	**MESA_1**
Date of Sampling	**2/27/97**	**4/3/97**
Agency Collecting Sample	FCD	FCD
Agency Analyzing Sample	BOLIN	BOLIN
Drainage Area (acres) (DA)	193	193
Impervious Area (acres) (IA)	121	121
Land Use - Residential	100	100
Land Use - Commercial	0	0
Land Use - Industrial	0	0
Land Use - Undeveloped	0	0
Sampling Duration (minutes)	343	182
Storm Duration (minutes) (DRN)	428	634
Runoff Sampled (cubic feet) (RUN)	33000	5000
Total Storm Runoff (cubic feet)	37000	5800
Instantaneous Discharge (cfs)	4.9	1.4
Preceeding Dry Period (days) (ANT)	31	35
Total Storm Rainfall (inch)	0.41	0.19
Rainfall Sampled (inch) (TRN)	0.39	0.19
Maximum 5-minute rain intensity (MAX5)	0.36	0.24
Sample Temperature (deg. C)	13.1	NM
Effluent Temperature (deg. C)	NM	NM
Ambient Temperature (deg. C)	NM	NM
Barometric Pressure (mm Hg)	NM	NM
pH, Effluent (standard units)	7.75	NM
pH, Lab (standard units)	7.7	--
Specific Conductance, FIELD (us/cm)	--	--
Specific Conductance, LAB (us/cm)	--	--
Oxygen Dissolved (% saturation)	--	--
Oxygen Dissolved (mg/l)	9.15	7.06
Electrical Conductivity (umhos/cm)	113	--
BOD5 (mg/l)	130	148
COD High Level (mg/l)	86	--
Chloride (mg/l as Cl)	5	--
Cyanide Total (mg/l as Cn)	<0.01	--
Fecal Coliform (CFU/100mL)	9000	160000
Fecal Streptococci (CFU/100mL)	23	90000
Solids Residue at 180 Deg. C (TDS) (mg/l)	78	--
Residue, Total at 105 Deg. C (TSS) (mg/l)	96	--
Nitrogen No2 + No3, Total (mg/l as N)	0.8	--
TKN Nitrogen (mg/l as N)	3.06	--
Nitrogen, Ammonia + Organic, Total (mg/l as N)	3.06	--
Nitrogen Nitrate Total (mg/l as N)	0.8	--
Nitrogen Nitrite Total (mg/l as N)	<0.1	--
Nitrogen Ammonia Total (mg/l as N)	2.46	--
Nitrogen Organic Total (mg/l as N)	0.6	--
Phosphorous Total (mg/l as P)	0.33	--
Phosphorous Dissolved (mg/l as P)	0.42	--

Mesa 1 - Horne and Sixth Street		
Sampling Station Identification Number	**MESA_1**	**MESA_1**
Date of Sampling	**2/27/97**	**4/3/97**
Phosphorous Ortho (mg/l as P)	--	--
Sulfate Dissolved (mg/l)	7	--
Hexavalent Chromium Total (mg/l)	<0.010	--
Phenols Total Recoverable (ug/l)	14	--
Oil and Grease Total Recoverable (mg/l)	<10.0	<10.0
Organic Carbon, Total (mg/l)	28	--
Bicarbonate Whole Field (mg/l as HCo3)	--	--
Bicarbonate Dissolved, Field (mg/l as HCo3)	--	--
Carbonate Water Field (mg/l as Co3)	--	--
Carbonate Water Dissolved, Field, (mg/l as Co3)	--	--
Alkalinity Water Field Total (mg/l as CaCo3)	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	--	--
Alkalinity LAB (mg/l as CaCo3)	30	--
Silica Dissolved (mg/l as SiO2)	--	--
Hardness (mg/l)	47	--
Antimony (ug/l as Sb)	<5	--
Antimony Dissolved (ug/l as Sb)	<5	--
Arsenic Total (ug/l as As)	<5	--
Arsenic Dissolved (ug/l as As)	<5	--
Barium Dissolved (ug/l as Ba)	--	--
Beryllium Total Recoverable (ug/l as Be)	<2	--
Beryllium Dissolved (ug/l as Be)	<2	--
Cadmium Total Recoverable (ug/l as Cd)	5	--
Cadmium Dissolved (ug/l as Cd)	<5	--
Calcium Dissolved (mg/l as Ca)	--	--
Chromium Total Recoverable (ug/l as Cr)	<5	--
Chromium Dissolved (ug/l as Cr)	<5	--
Cobalt Dissolved (ug/l as Co)	--	--
Copper, Total Recoverable, (ug/l as Cu)	29	--
Copper, Dissolved, (ug/l as Cu)	<20	--
Iron, Dissolved, (ug/l as Fe)	--	--
Lead, Total Recoverable, (ug/l as Pb)	19	--
Lead, Dissolved, (ug/l as Pb)	<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)	<0.2	--
Mercury, Dissolved, (ug/l as Hg)	<0.2	--
Molybdenum, Dissolved, (ug/l as Mo)	--	--
Nickel, Total Recoverable, (ug/l as Ni)	30	--
Nickel, Dissolved, (ug/l as Ni)	<20	--
Potassium, Dissolved, (mg/l as K)	--	--
Selenium, Total, (ug/l as Se)	<5	--
Selenium, Dissolved, (ug/l as Se)	<5	--
Silver, Total Recoverable, (ug/l as Ag)	<50	--

Mesa 1 - Horne and Sixth Street		
Sampling Station Identification Number	MESA_1	MESA_1
Date of Sampling	2/27/97	4/3/97
Silver, Dissolved, (ug/l as Ag)	<50	--
Sodium, Dissolved, (mg/l as Na)	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--
Thallium, Total, (ug/l as Tl)	<1	--
Thallium, Dissolved, (ug/l as Tl)	<1	--
Vanadium, Dissolved, (ug/l as V)	--	--
Zinc, Total Recoverable, (ug/l as Zn)	160	--
Zinc, Dissolved, (ug/l as Zn)	80	--
Diazinon, Total, (ug/l)	--	--
Ethion, Total, (ug/l)	--	--
Malathion, Total, (ug/l)	--	--
Methyl Parathion, Total, (ug/l)	--	--
Parathion, Total, (ug/l)	--	--
Trithion, Total, (ug/l)	--	--
Di-syston, Total, (ug/l)	--	--
Phorate, Total, (ug/l)	--	--
Chlorpyrifos, Total, (ug/l)	--	--
DEF, Total, (ug/l)	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--
Aldrin, Total, (ug/l)	<0.5	--
BHC - ALPHA, (ug/l)	<0.5	--
BHC - Gamma (Lindane), (ug/l)	<0.5	--
BHC - DELTA, (ug/l)	<0.5	--
Aroclor 1016, PCB, Total, (ug/l)	<0.5	--
Aroclor 1221, PCB, Total, (ug/l)	<0.5	--
Aroclor 1232, PCB, Total, (ug/l)	<0.5	--
Aroclor 1242, PCB, Total, (ug/l)	<0.5	--
Aroclor 1248, PCB, Total, (ug/l)	<0.5	--
Aroclor 1254, PCB, Total, (ug/l)	<0.5	--
Aroclor 1260, PCB, Total, (ug/L)	<0.5	--
Chlordane, Total, (ug/l)	<0.5	--
P,P' DDD, Total, (ug/l)	<0.5	--
P,P' DDE, Total, (ug/l)	<0.5	--
P, P' DDT, Total, (ug/l)	<0.5	--
Dieldrin, Total, (ug/l)	<0.5	--
Endo-Sulfan Alpha, Total, (ug/l)	<0.5	--
Endo-Sulfan Beta, Total, (ug/l)	<0.5	--
Endo-Sulfan Sulfate, Total, (ug/l)	<0.5	--
Endrin Aldehyde, Total, (ug/l)	<0.5	--
Endrin, Total, (ug/l)	<0.2	--
Heptachlor, Total, (ug/l)	<0.5	--
Heptachlor Epoxide, Total, (ug/l)	<0.5	--
Toxaphene, Total, (ug/l)	<0.5	--
Methoxychlor, Total, (ug/l)	<0.5	--
Beta Benzene Hexachloride, Total, (ug/l)	<0.5	--

Mesa 1 - Horne and Sixth Street		
Sampling Station Identification Number	MESA_1	MESA_1
Date of Sampling	2/27/97	4/3/97
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<2	<2
1,1,1,2-Tetrachloroethane, Total,(ug/l)	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<2	<2
1,1,1- Trichloroethane, Total, (ug/l)	<2	<2
1,1,2- Trichloroethane, Total, (ug/l)	<2	<2
Trichloroethene, Total, (ug/l)	<2	<2
1,1- Dichloroethane, Total, (ug/l)	<2	<2
1,1- Dichloroethene, Total, (ug/l)	<2	<2
1,2- Dichloroethane, Total, (ug/l)	<2	<2
1,2- Dichloropropane, Total, (ug/l)	<2	<2
2- Chloroethylvinyl Ether, Total, (ug/l)	<2	<2
cis-1,3-Dichloropropene, (ug/l)	<2	<2
trans-1,2- Dichloroethene, (ug/l)	<2	<2
trans-1,3- Dichloropropene, (ug/l)	<2	<2
Benzene, Total, (ug/l)	<2	<2
Bromodichloromethane, Total, (ug/l)	<2	<2
Bromoform, Total, (ug/l)	<2	<2
Carbon Tetrachloride, Total, (ug/l)	<2	<2
Chlorobenzene, Total, (ug/l)	<2	<2
Chloroethane, (ug/l)	<5	<5
Chloroform, Total, (ug/l)	<2	<2
Ethyl-Benzene, Total, (ug/l)	<2	<2
Methylene Chloride, Total, (ug/l)	--	--
Toluene, Total, (ug/l)	<2	<2
Trichlorofluoromethane, Total, (ug/l)	<5	<5
Vinyl Chloride, Total, (ug/l)	<5	<5
Chlorodibromomethane, Total, (ug/l)	<2	<2
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--
Acetone, Total, (ug/l)	<10	<10
2-Butanone, (ug/l)	<10	<10
Carbon Disulfide, Total, (ug/l)	<10	<10
1,2 Dichloroethene, Total, (ug/l)	<2	<2
Xylenes, Total, (ug/l)	<2	<2
2-Hexanone, Total, (ug/l)	<10	<10
Styrene, Total, (ug/l)	<2	<2
Acrolein, Total, (ug/l)	<10	<10
Acrylonitirile, Total, (ug/l)	<10	<10
Bromobenzene, Water Whole, Total, (ug/l)	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	<2	<2
Methyl Bromide, Total, (ug/l)	<5	<5
Methyl Chloride, Total, (ug/l)	<5	<5
Parachloro Toluene, Total, (ug/l)	--	--
Dibromoethane, Total, (ug/l)	--	--
Acenaphthene, Total, (ug/l)	<3.0	--
Acenaphthylene, Total, (ug/l)	<3.0	--

Mesa 1 - Horne and Sixth Street		
Sampling Station Identification Number	MESA_1	MESA_1
Date of Sampling	2/27/97	4/3/97
Anthracene, Total, (ug/l)	<3.0	--
Benzidine, Total, (ug/l)	<50	--
Benzoic Acid, Total, (ug/l)	15	--
Benzo (a) Anthracene, Total, (ug/l)	<3.0	--
Benzo (b) Fluoranthene, Total, (ug/l)	<5.0	--
Benzo (k) Fluoranthene, Total, (ug/l)	<5.0	--
Benzo (ghi) Perylene, Total, (ug/l)	<3.0	--
Benzo (a) Pyrene, Total, (ug/l)	<3.0	--
Benzyl Alcohol, Total, (ug/l)	<3.0	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<3.0	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<3.0	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<3.0	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	73	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<3.0	--
Butyl Benzyl Phthalate, Total, (ug/l)	94	--
2-Chloronapthalene, Total, (ug/l)	<3.0	--
2-Chlorophenol, Total, (ug/l)	<3.0	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<3.0	--
Chrysene, Total, (ug/l)	<3.0	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	<5.0	--
Di-N-Butyl Phthalate, Total, (ug/l)	<3.0	--
1,3- Dichlorobenzene, Total, (ug/l)	<3.0	--
1,4- Dichlorobenzene, Total, (ug/l)	<3.0	--
1,2- Dichlorobenzene, Total, (ug/l)	<3.0	--
3,3'- Dichlorobenzidine, Total, (ug/l)	<5.0	--
2,4- Dichlorophenol, Total, (ug/l)	<3.0	--
Diethyl Phthalate, Total, (ug/l)	<3.0	--
2,4- Dimethylphenol, Total, (ug/l)	<5.0	--
Dimethyl Phthalate, Total, (ug/l)	<3.0	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<5.0	--
2,4- Dinitrophenol, Total, (ug/l)	<10	--
2,4- Dinitrotoluene, Total, (ug/l)	<5.0	--
2,6- Dinitrotoluene, Total, (ug/l)	<5.0	--
Di-N-Octyl-Phthalate, Total, (ug/l)	<5.0	--
Fluoranthene, Total, (ug/l)	<3.0	--
Fluorene, Total, (ug/l)	<3.0	--
Hexachlorobenzene, Total, (ug/l)	<3.0	--
Hexachlorobutadiene, Total, (ug/l)	<3.0	--
Hexachlorocyclopentadiene, Total, (ug/l)	<10	--
Hexachloroethane, Total, (ug/l)	<3.0	--
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<5.0	--
Isophorone, Total, (ug/l)	<3.0	--
Naphthalene, Total, (ug/l)	<3.0	--
Nitrobenzene, Total, (ug/l)	<3.0	--
2-Nitrophenol, Total, (ug/l)	<5.0	--

Mesa 1 - Horne and Sixth Street		
Sampling Station Identification Number	MESA_1	MESA_1
Date of Sampling	2/27/97	4/3/97
4-Nitrophenol, Total, (ug/l)	<5.0	--
N-Nitrosodiphenylamine, Total, (ug/l)	<3.0	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<3.0	--
Pentachlorophenol, Total, (ug/l)	<5.0	--
Phenanthrene, Total, (ug/l)	<3.0	--
Phenol, Total, (ug/l)	<3.0	--
Pyrene, Total, (ug/l)	<3.0	--
1,2,4-Trichlorobenzene, Total, (ug/l)	<3.0	--
2,4,5- Trichlorophenol, Total, (ug/l)	<3.0	--
2,4,6- Trichlorophenol, Total, (ug/l)	<3.0	--
N-Nitrosodimethylamine, Total, (ug/l)	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--

Mesa 2
Broadway Road west of Lindsay

Mesa 2 - Broadway and Lindsay												
Sampling Station Identification Number	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2
Date of Sampling	12/4/92	12/8/92	1/7/93	2/8/93	8/6/93	11/13/93	1/25/94	2/7/94	3/7/94	3/25/94	4/26/94	5/25/94
Agency Collecting Sample	Mesa	Mesa	Mesa	Mesa	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample	ATL	ATL	ATL	ATL	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH
Drainage Area (acres) (DA)	145	145	145	145	145	145	145	145	145	145	145	145
Impervious Area (acres) (IA)	37	37	37	37	37	37	37	37	37	37	37	37
Land Use - Residential	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Commercial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Industrial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Undeveloped	--	--	--	--	--	--	--	--	--	--	--	--
Sampling Duration (minutes)	UA	UA	UA	UA	230	UA	240	294	246	290	234	160
Storm Duration (minutes) (DRN)	UA	UA	UA	UA	UA	UA	36	530	176	382	316	38
Runoff Sampled (cubic feet) (RUN)	UA	UA	UA	UA	20200	UA	26453	37190	17030	30902	30939	22964
Total Storm Runoff (cubic feet)	UA	UA	UA	UA	UA	UA	32000	105000	24768	90500	45250	27700
Instantaneous Discharge (cfs)	13.2	4.1	2.3	8.4	6.6	UA	4.7	3.4	2.3	6.9	6.2	5.2
Preceeding Dry Period (days) (ANT)	UA	4	30	32	179	99	73	13	28	18	32	29
Total Storm Rainfall (inch)	UA	UA	UA	UA	UA	UA	0.15	0.61	0.15	0.55	0.38	0.2
Rainfall Sampled (inch) (TRN)	UA	UA	UA	UA	0.25	UA	0.15	0.33	0.15	0.37	0.35	0.2
Maximum 5-minute rain intensity (MAX5)	UA	UA	UA	UA	UA	UA	0.54	0.12	0.48	0.36	0.36	1.32
Sample Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)	7.1	6.6	7.4	6.6	7.26	--	--	7.43	7.78	7.7	7.77	8.07
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)	--	--	--	--	140	--	--	--	--	130	120	190
BOD5 (mg/l)	5	5	5	--	6	5	24	20	<5.0	<5.0	5	58
COD High Level (mg/l)	120	40	78	99	170	96	120	140	110	56	72	170
Chloride (mg/l as Cl)	--	--	--	--	23	9.8	9.8	2.7	9.7	3.9	4	6.5
Cyanide Total (mg/l as Cn)	<0.01	<0.01	<0.01	<0.01	<0.01	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fecal Coliform (CFU/100mL)	3000	5000	3000	3000	>16	400	2400	360	3400	3	5800	2500
Fecal Streptococci (CFU/100mL)	22000	17000	50000	50000	>16	710	16200	12000	<1.0	4	7	63
Solids Residue at 180 Deg. C (TDS) (mg/l)	65	56	100	44	96	160	140	120	160	100	99	130
Residue, Total at 105 Deg. C (TSS) (mg/l)	180	34	85	81	180	40	34	16	43	19	69	280
Nitrogen No2 + No3, Total (mg/l as N)	0.35	0.45	0.6	0.35	1.1	<0.5	1.8	0.51	1.4	0.53	0.69	1.1
TKN Nitrogen (mg/l as N)	1.9	0.9	1	0.9	3.1	4.8	5.5	1.8	3.1	2.3	3.1	12
Nitrogen, Ammonia + Organic, Total (mg/l as N)	0.8	0.4	0.4	--	--	4.8	5.5	1.8	3.1	2.3	3.1	11
Nitrogen Nitrate Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)	0.14	0.21	0.2	0.23	0.67	1.8	3.6	0.49	1	1.5	1.8	0.71
Phosphorous Dissolved (mg/l as P)	--	--	0.13	0.12	0.38	1	2.6	0.25	0.87	1.1	1.5	0.27

Mesa 2 - Broadway and Lindsay

Sampling Station Identification Number	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2
Date of Sampling	12/4/92	12/8/92	1/7/93	2/8/93	8/6/93	11/13/93	1/25/94	2/7/94	3/7/94	3/25/94	4/26/94	5/25/94
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	--	--	--	--	19	--	--	--	--	8.1	7.5	10
Hexavalent Chromium Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	53	53	53	53	--	--	--	--	--	--	<10	--
Oil and Grease Total Recoverable (mg/l)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1	9.4	4.7
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Whole Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Field (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity LAB (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	<20	<20	<20	<20	<50	--	--	--	--	--	--	--
Antimony Dissolved (ug/l as Sb)	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	<20	<20	<20	<20	<50	<50	<50	<50	<50	<50	<50	<50
Arsenic Dissolved (ug/l as As)	--	--	--	--	--	--	--	--	--	<5	<5	<5
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	<10	<10	<10	<10	<50	--	--	--	--	--	--	--
Beryllium Dissolved (ug/l as Be)	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	<5	<5	<5	<5	<50	<50	<40	<40	<40	<40	<40	<40
Cadmium Dissolved (ug/l as Cd)	--	--	--	--	<0.5	<0.5	0.5	0.9	<0.5	<0.5	0.6	<0.5
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<5	<5	220
Chromium Dissolved (ug/l as Cr)	--	--	--	--	<5	<5	<5	6	<5	<50	<50	<5
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	<50	<50	<50	<50	<50	<50	<50	<50	60	<50	<50	<50
Copper, Dissolved, (ug/l as Cu)	--	--	--	--	<50	<50	70	<50	<50	<50	<50	<50
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	<20	<20	<20	<20	<50	<50	<50	<50	190	<50	<50	<50
Lead, Dissolved, (ug/l as Pb)	--	--	--	--	<5	7	<5	<5	<5	<1.0	<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)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Mercury, Dissolved, (ug/l as Hg)	--	--	--	--	--	--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	<50	<50	<50	<50	<50	--	--	--	--	--	--	--
Nickel, Dissolved, (ug/l as Ni)	--	--	--	--	--	--	--	--	--	--	--	--
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	<5	<5	<5	<5	<50	--	--	--	--	--	--	--
Selenium, Dissolved, (ug/l as Se)	--	--	--	--	--	--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	<20	<20	<20	<20	<50	--	--	--	--	--	--	--

Mesa 2 - Broadway and Lindsay												
Sampling Station Identification Number	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2
Date of Sampling	12/4/92	12/8/92	1/7/93	2/8/93	8/6/93	11/13/93	1/25/94	2/7/94	3/7/94	3/25/94	4/26/94	5/25/94
Silver, Dissolved, (ug/l as Ag)	--	--	--	--	--	--	--	--	--	--	--	--
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	<10	<10	<10	<10	<50	--	--	--	--	--	--	--
Thallium, Dissolved, (ug/l as Tl)	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	130	<100	<100	<100	140	<50	90	80	60	70	90	160
Zinc, Dissolved, (ug/l as Zn)	--	--	--	--	<50	60	140	110	<50	<50	<50	<50
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.8	<1.0	<1.0	<1.0	<1.0	9.4	--
BHC - ALPHA, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.6	<0.3	<0.6	<0.6	<0.6	--	<1.0	--
BHC - Gamma (Lindane), (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.5	<0.1	<0.5	<0.5	<0.5	--	<0.6	--
BHC - DELTA, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.2	<0.1	<0.2	<0.2	<0.2	--	<0.5	--
Aroclor 1016, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<2.0	<0.25	<2.0	<2.0	<2.0	--	<0.2	--
Aroclor 1221, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<50.0	<0.25	<50.0	<50.0	<50.0	--	<2.0	--
Aroclor 1232, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<10.0	<0.25	<10.0	<10.0	<10.0	--	<50.0	--
Aroclor 1242, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<6.0	<0.25	<6.0	<6.0	<6.0	--	<10.0	--
Aroclor 1248, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<2.0	<0.25	<2.0	<2.0	<2.0	--	<6.0	--
Aroclor 1254, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<2.0	<0.25	<2.0	<2.0	<2.0	--	<2.0	--
Aroclor 1260, PCB, Total, (ug/L)	<0.20	<0.20	<0.20	<0.20	<4.0	<0.25	<4.0	<4.0	<4.0	--	<2.0	--
Chlordane, Total, (ug/l)	<0.1	<0.1	<0.1	<0.1	<1.5	<1.5	<1.5	<1.5	<1.5	--	<4.0	--
P,P' DDD, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.1	<0.1	<0.1	--	<1.5	--
P,P' DDE, Total, (ug/l)	0.14	0.027	0.12	0.016	<0.1	<0.1	<0.1	<0.1	<0.1	--	--	<0.1
P, P' DDT, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<1.0	<0.6	<1.0	<1.0	<1.0	--	--	--
Dieldrin, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.5	<0.3	<0.5	<0.5	<0.5	--	--	--
Endo-Sulfan Alpha, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.4	<0.2	<0.4	<0.4	<0.4	--	<0.5	--
Endo-Sulfan Beta, Total, (ug/l)	<0.02	<0.02	<0.02	<0.02	<1.0	<0.5	<1.0	<1.0	<1.0	--	<0.4	--
Endo-Sulfan Sulfate, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.4	<0.2	<0.4	<0.4	<0.4	--	<1.0	--
Endrin Aldehyde, Total, (ug/l)	<0.10	<0.10	<0.10	<0.10	<0.6	<0.3	<0.6	<0.6	<0.6	--	<0.4	--
Endrin, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<1.5	<0.1	<1.5	<1.5	<1.5	--	<0.6	--
Heptachlor, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.5	<0.3	<0.5	<0.5	<0.5	--	<1.5	--
Heptachlor Epoxide, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.5	<0.5	<0.5	--	<0.5	--
Toxaphene, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<2.5	<2.5	<2.5	<2.5	<2.5	--	<0.5	--
Methoxychlor, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.6	<0.3	<0.6	<0.6	<0.6	--	<1.0	--

Mesa 2 - Broadway and Lindsay												
Sampling Station Identification Number	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2
Date of Sampling	12/4/92	12/8/92	1/7/93	2/8/93	8/6/93	11/13/93	1/25/94	2/7/94	3/7/94	3/25/94	4/26/94	5/25/94
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<6.9	<6.9	<6.9	<6.9	<2.0	<0.5	<5.0	<5.0	<2.0	--	<2.5	--
1,1,1,2-Tetrachloroethane, Total,(ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<4.1	<4.1	<4.1	<4.1	<2.0	<0.5	<5.0	<5.0	<2.0	<2.0	<2.0	--
1,1,1- Trichloroethane, Total, (ug/l)	<3.8	<3.8	<3.8	<3.8	<2.0	<0.5	<5.0	<5.0	<2.0	<2.0	<2.0	--
1,1,2- Trichloroethane, Total, (ug/l)	<5.0	<5.0	<5.0	<5.0	<2.0	<0.5	<5.0	<5.0	<2.0	<2.0	<2.0	--
Trichloroethene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<2.0	<0.5	<5.0	<5.0	<2.0	<2.0	<2.0	--
1,1- Dichloroethane, Total, (ug/l)	<4.7	<4.7	<4.7	<4.7	<2.0	<0.5	<5.0	<5.0	<2.0	<2.0	<2.0	--
1,1- Dichloroethene, Total, (ug/l)	<2.8	<2.8	<2.8	<2.8	<2.0	<0.5	<5.0	<5.0	<2.0	<2.0	<2.0	--
1,2- Dichloroethane, Total, (ug/l)	<2.8	<2.8	<2.8	<2.8	<2.0	<0.5	<5.0	<5.0	<2.0	<2.0	<2.0	--
1,2- Dichloropropane, Total, (ug/l)	<6.0	<6.0	<6.0	<6.0	<2.0	<0.5	<5.0	<5.0	<2.0	<2.0	<2.0	--
2- Chloroethylvinyl Ether, Total, (ug/l)	--	--	--	--	<5.0	--	<15.0	<15.0	<5.0	<2.0	<2.0	--
cis-1,3-Dichloropropene, (ug/l)	<5.0	<5.0	<5.0	<5.0	<2.0	<0.5	<5.0	<5.0	<2.0	<5.0	<5.0	--
trans-1,2- Dichloroethene, (ug/l)	<1.6	<1.6	<1.6	<1.6	<2.0	<0.5	<5.0	<5.0	<2.0	<2.0	<2.0	--
trans-1,3- Dichloropropene, (ug/l)	--	--	--	--	<2.0	<0.5	<5.0	<5.0	<2.0	<2.0	<2.0	--
Benzene, Total, (ug/l)	<4.4	<4.4	<4.4	<4.4	<2.0	<0.5	<5.0	<5.0	<2.0	<2.0	<2.0	--
Bromodichloromethane, Total, (ug/l)	<2.2	<2.2	<2.2	<2.2	<2.0	<0.5	<5.0	<5.0	<2.0	<2.0	<2.0	--
Bromoform, Total, (ug/l)	<4.7	<4.7	<4.7	<4.7	<5.0	<0.5	<5.0	<5.0	<5.0	<2.0	<2.0	--
Carbon Tetrachloride, Total, (ug/l)	<2.8	<2.8	<2.8	<2.8	<2.0	<0.5	<5.0	<5.0	<2.0	<5.0	<5.0	--
Chlorobenzene, Total, (ug/l)	<6.0	<6.0	<6.0	<6.0	<2.0	<0.5	<10	<10	<2.0	<2.0	<2.0	--
Chloroethane, (ug/l)	--	--	--	--	<5.0	<0.5	<10	<10	<5.0	<2.0	<2.0	--
Chloroform, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<2.0	<0.5	<5.0	<5.0	<2.0	<5.0	<5.0	--
Ethyl-Benzene, Total, (ug/l)	<7.2	<7.2	<7.2	<7.2	<2.0	<0.5	<5.0	<5.0	<2.0	<5.0	<5.0	--
Methylene Chloride, Total, (ug/l)	<2.8	1.6	<2.8	<2.8	<5.0	--	<5.0	<5.0	<5.0	<2.0	<2.0	<5.0
Toluene, Total, (ug/l)	<6.0	<6.0	<6.0	<6.0	<2.0	<0.5	<5.0	<5.0	<2.0	<5.0	<5.0	<2.0
Trichlorofluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride, Total, (ug/l)	<3.5	<3.5	<3.5	<3.5	<5.0	<0.5	<10.0	<10.0	<5.0	<2.0	<2.0	--
Chlorodibromomethane, Total, (ug/l)	<3.1	<3.1	<3.1	<3.1	<5.0	<0.5	<5.0	<5.0	<2.0	<10.0	<10.0	--
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	--	--	--	--	--	--	--
Acetone, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Carbon Disulfide, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,2 Dichloroethene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	--	--	--	--	--	<0.5	<10.0	<10.0	<2.0	<2.0	<2.0	--
2-Hexanone, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Styrene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Acrolein, Total, (ug/l)	<50.0	<50.0	<50.0	<50.0	<10.0	--	<5.0	<5.0	<10.0	<5.0	<5.0	--
Acrylonitirile, Total, (ug/l)	<50.0	<50.0	<50.0	<50.0	<10.0	--	<5.0	<5.0	<10.0	<10.0	<10.0	--
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	<5.2	<5.2	<5.2	<5.2	--	--	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	<5.5	<5.5	<5.5	<5.5	--	--	--	--	--	--	--	--
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Acenaphthylene, Total, (ug/l)	<3.5	<3.5	<3.5	<3.5	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--

Mesa 2 - Broadway and Lindsay												
Sampling Station Identification Number	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2
Date of Sampling	12/4/92	12/8/92	1/7/93	2/8/93	8/6/93	11/13/93	1/25/94	2/7/94	3/7/94	3/25/94	4/26/94	5/25/94
Anthracene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Benzidine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<20.0	<20.0	<40.0	<40.0	<20.0	--	--	--
Benzoic Acid, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Benzo (a) Anthracene, Total, (ug/l)	<7.8	<7.8	<7.8	<7.8	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Benzo (b) Fluoranthene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Benzo (ghi) Perylene, Total, (ug/l)	<4.1	<4.1	<4.1	<4.1	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Benzo (a) Pyrene, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<10.0	<10.0	<20.0	<20.0	<10.0	<20.0	<10.0	<10
Benzyl Alcohol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<5.3	<5.3	<5.3	<5.3	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<5.7	<5.7	<5.7	<5.7	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<5.7	<5.7	<5.7	<5.7	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	4.9	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Butyl Benzyl Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
2-Chloronapthalene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
2-Chlorophenol, Total, (ug/l)	<3.3	<3.3	<3.3	<3.3	<10.0	<10.0	<20.0	<20.0	<10.0	--	<50.0	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<4.2	<4.2	<4.2	<4.2	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Chrysene, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<10.0	<10.0	<20.0	<20.0	<10.0	<20.0	<10.0	<10
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	--	--	--	--	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Di-N-Butyl Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
1,3- Dichlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<20.0	<20.0	<10.0	<2.0	<10.0	--
1,4- Dichlorobenzene, Total, (ug/l)	<4.4	<4.4	<4.4	<4.4	<10.0	<10.0	<20.0	<20.0	<10.0	<2.0	<10.0	--
1,2- Dichlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
3,3'- Dichlorobenzidine, Total, (ug/l)	<17.0	<17.0	<17.0	<17.0	<20.0	<20.0	<40.0	<40.0	<20.0	--	<20.0	--
2,4- Dichlorophenol, Total, (ug/l)	<2.7	<2.7	<2.7	<2.7	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Diethyl Phthalate, Total, (ug/l)	<22.0	<22.0	<22.0	<22.0	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
2,4- Dimethylphenol, Total, (ug/l)	<2.7	<2.7	<2.7	<2.7	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Dimethyl Phthalate, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<24.0	<24.0	<24.0	<24.0	<30.0	<30.0	<60.0	<60.0	<30.0	--	<10.0	--
2,4- Dinitrophenol, Total, (ug/l)	--	--	--	--	<50.0	<50.0	<100.0	<100.0	<50.0	--	--	--
2,4- Dinitrotoluene, Total, (ug/l)	<5.7	<5.7	<5.7	<5.7	<10.0	<10.0	<20.0	<20.0	<10.0	--	<20.0	--
2,6- Dinitrotoluene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Di-N-Octyl-Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Fluoranthene, Total, (ug/l)	<2.2	<2.2	<2.2	<2.2	<10.0	<10.0	<20.0	<20.0	<10.0	<20.0	<10.0	<10
Fluorene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Hexachlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Hexachlorobutadiene, Total, (ug/l)	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Hexachlorocyclopentadiene, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0	<20.0	<10.0	--	--	--
Hexachloroethane, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<3.7	<3.7	<3.7	<3.7	<10.0	<10.0	<20.0	<20.0	<10.0	<20.0	<10.0	<10
Isophorone, Total, (ug/l)	<2.2	<2.2	<2.2	<2.2	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Naphthalene, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Nitrobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
2-Nitrophenol, Total, (ug/l)	<3.6	<3.6	<3.6	<3.6	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--

Mesa 2 - Broadway and Lindsay												
Sampling Station Identification Number	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**
Date of Sampling	**12/4/92**	**12/8/92**	**1/7/93**	**2/8/93**	**8/6/93**	**11/13/93**	**1/25/94**	**2/7/94**	**3/7/94**	**3/25/94**	**4/26/94**	**5/25/94**
4-Nitrophenol, Total, (ug/l)	<2.4	<2.4	<2.4	<2.4	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
N-Nitrosodiphenylamine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<20.0	<20.0	<40.0	<40.0	<20.0	--	--	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<20.0	<20.0	<40.0	<40.0	<20.0	--	--	--
Pentachlorophenol, Total, (ug/l)	<3.6	<3.6	<3.6	<3.6	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Phenanthrene, Total, (ug/l)	<5.4	<5.4	<5.4	<5.4	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Phenol, Total, (ug/l)	<1.5	<1.5	<1.5	<1.5	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
Pyrene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<20.0	<20.0	<10.0	<20.0	<10.0	<10
1,2,4-Trichlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<20.0	<20.0	<10.0	--	<10.0	--
2,4,5- Trichlorophenol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	<2.7	<2.7	<2.7	<2.7	<10.0	<10.0	<20.0	<20.0	<10.0	--	<30.0	--
N-Nitrosodimethylamine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<20.0	<20.0	<40.0	<40.0	<20.0	<2.0	<2.0	--
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	<20.0	<20.0	<40.0	<40.0	<20.0	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	<3.0	<3.0	<3.0	<3.0	--	--	--	--	--	--	--	--

Mesa 2 - Broadway and Lindsay												
Sampling Station Identification Number	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2
Date of Sampling	**8/8/94**	**10/15/94**	**11/12/94**	**12/5/94**	**12/23/94**	**1/4/95**	**1/17/95**	**1/26/95**	**3/5/95**	**3/11/95**	**5/7/95**	**7/12/95**
Agency Collecting Sample	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH
Drainage Area (acres) (DA)	145	145	145	145	145	145	145	145	145	145	145	145
Impervious Area (acres) (IA)	37	37	37	37	37	37	37	37	37	37	37	37
Land Use - Residential	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Commercial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Industrial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Undeveloped	--	--	--	--	--	--	--	--	--	--	--	--
Sampling Duration (minutes)	154	150	402	516	308	622	UA	718	908	592	932	704
Storm Duration (minutes) (DRN)	10	192	602	448	274	564	UA	598	808	550	230	78
Runoff Sampled (cubic feet) (RUN)	21025	65420	27975	43610	50227	43355	UA	53975	8263	2117	52068	41769
Total Storm Runoff (cubic feet)	24500	76000	117000	50000	62000	46000	UA	54000	UA	UA	56000	44000
Instantaneous Discharge (cfs)	4.7	22.0	2.2	3.8	5.8	1.7	UA	2.6	0.5	0.6	1.5	2.1
Preceeding Dry Period (days) (ANT)	75	68	28	23	18	12	13	9	38	6	57	66
Total Storm Rainfall (inch)	0.13	0.56	0.71	0.39	0.42	0.16	UA	0.17	0.9	0.39	0.09	0.29
Rainfall Sampled (inch) (TRN)	0.13	0.52	0.19	0.39	0.42	0.16	UA	0.17	0.9	0.39	0.09	0.29
Maximum 5-minute rain intensity (MAX5)	1.2	3.96	0.72	0.12	0.36	0.12	UA	0.12	0.48	0.36	0.24	1.44
Sample Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)	7.94	7.75	7.59	7.67	7.11	7.7	7.88	7.18	--	--	7.42	8.34
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)	410	120	220	120	60	120	130	53	--	--	160	290
BOD5 (mg/l)	6	10	<5.0	<5.0	<5	--	99	6	6	9.6	10	9
COD High Level (mg/l)	280	270	150	83	65	71	57	71	--	--	55	750
Chloride (mg/l as Cl)	35	9.3	11	3.2	2.4	4.5	5.8	3.1	--	--	5.2	17
Cyanide Total (mg/l as Cn)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	--	<0.01	<0.01
Fecal Coliform (CFU/100mL)	2	620	600	--	2	<1	--	<1	9	<1	<1	62
Fecal Streptococci (CFU/100mL)	<1	880	<1	--	<1.	<1	--	3	28	6	<1	10
Solids Residue at 180 Deg. C (TDS) (mg/l)	410	100	190	79	720	96	110	120	--	--	110	260
Residue, Total at 105 Deg. C (TSS) (mg/l)	74	230	28	18	17	15	16	30	--	--	<5	22
Nitrogen No2 + No3, Total (mg/l as N)	1.7	0.73	1	0.67	<0.50	0.1	0.8	<0.5	--	--	<0.50	0.61
TKN Nitrogen (mg/l as N)	6.6	2.7	3	16	1.6	0.9	1.2	1.7	--	--	1.3	18
Nitrogen, Ammonia + Organic, Total (mg/l as N)	2.6	1.6	2.2	15	0.8	0.8	1.1	0.9	--	--	1.3	--
Nitrogen Nitrate Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)	2.1	1	1.8	0.81	0.19	0.4	0.28	0.22	--	--	1.4	1.7
Phosphorous Dissolved (mg/l as P)	0.4	0.72	1.6	0.78	0.16	0.36	<0.10	0.15	--	--	1.2	--

Mesa 2 - Broadway and Lindsay												
Sampling Station Identification Number	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2
Date of Sampling	8/8/94	10/15/94	11/12/94	12/5/94	12/23/94	1/4/95	1/17/95	1/26/95	3/5/95	3/11/95	5/7/95	7/12/95
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	30	10	16	9.2	10	11	12	6.8	--	--	5.7	12
Hexavalent Chromium Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	20	20	--	20	<10	--	<10	<10	--	--	10	--
Oil and Grease Total Recoverable (mg/l)	<5.0	7	2	<1.0	1700	7.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Whole Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Field (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity LAB (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	--	--	--	--	--	--	--	--	--	--	--	--
Antimony Dissolved (ug/l as Sb)	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	<50	<50	<50	<50	<50	<50	<50	<50	<50	--	<50	<50
Arsenic Dissolved (ug/l as As)	6	<5	<5	<5	<5	<5	<5	<5	--	--	<5	<5
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Dissolved (ug/l as Be)	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	<40	<40	<40	<40	<40	<40	<40	<40	<40	--	<40	<40
Cadmium Dissolved (ug/l as Cd)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	--	--	<0.5	20
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	<50	<50	<50	<50	<50	<50	<50	<50	<50	--	<50	<50
Chromium Dissolved (ug/l as Cr)	6	<5	<5	<5	<5	<5	<5	<5	--	--	<5	<5
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	<50	70	<50	<50	<50	<50	<50	<50	<50	--	<50	60
Copper, Dissolved, (ug/l as Cu)	<50	<50	<50	<50	<50	<50	<50	<50	--	--	<50	<50
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	<50	<50	<50	<50	<50	<50	<50	<50	<50	--	<50	<50
Lead, Dissolved, (ug/l as Pb)	<5	<5	<200	<10	<5	<5	<5	<5	--	--	<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)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
Mercury, Dissolved, (ug/l as Hg)	--	--	--	--	--	--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Dissolved, (ug/l as Ni)	--	--	--	--	--	--	--	--	--	--	--	--
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Dissolved, (ug/l as Se)	--	--	--	--	--	--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	--	--	--	--	--	--	--	--	--	--	--	--

Mesa 2 - Broadway and Lindsay

Sampling Station Identification Number	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2
Date of Sampling	8/8/94	10/15/94	11/12/94	12/5/94	12/23/94	1/4/95	1/17/95	1/26/95	3/5/95	3/11/95	5/7/95	7/12/95
Silver, Dissolved, (ug/l as Ag)	--	--	--	--	--	--	--	--	--	--	--	--
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Dissolved, (ug/l as Tl)	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	90	180	50	<50	<50	140	60	70	60	--	<50	660
Zinc, Dissolved, (ug/l as Zn)	70	<50	<50	<50	<50	<50	<50	<50	--	--	60	<50
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<10	<1.0	<0.1	<0.1	<0.02	<0.1	<0.005	<0.02	<0.11	--	<0.01	--
BHC - ALPHA, (ug/l)	<6.0	<1.0	<0.1	<0.05	<0.02	<0.05	<0.005	<0.02	<0.055	--	<0.01	--
BHC - Gamma (Lindane), (ug/l)	<5.0	<1.0	<0.1	<0.050	<0.02	<0.050	<0.005	<0.02	<0.055	--	<0.01	--
BHC - DELTA, (ug/l)	<2.0	<1.0	<0.1	<0.40	<0.02	<0.40	<0.005	<0.02	<0.44	--	<0.01	--
Aroclor 1016, PCB, Total, (ug/l)	<20	<10.	<1.0	<1.0	<0.05	<1.0	<0.01	<0.05	<1.1	--	<0.4	--
Aroclor 1221, PCB, Total, (ug/l)	<500	<10.	<1.0	<1.0	<0.05	<1.0	<0.01	<0.05	<1.1	--	<0.4	--
Aroclor 1232, PCB, Total, (ug/l)	<100	<10.	<1.0	<1.0	<0.05	<1.0	<0.01	<0.05	<1.1	--	<0.4	--
Aroclor 1242, PCB, Total, (ug/l)	<60	<10.	<1.0	<1.0	<0.05	<1.0	<0.01	<0.05	<1.1	--	<0.4	--
Aroclor 1248, PCB, Total, (ug/l)	<20	<10.	<1.0	<1.0	<0.05	<1.0	<0.01	<0.05	<1.1	--	<0.4	--
Aroclor 1254, PCB, Total, (ug/l)	<20	<10.	<1.0	<1.0	<0.05	<1.0	<0.01	<0.05	<1.1	--	<0.4	--
Aroclor 1260, PCB, Total, (ug/L)	<40	<10.	<1.0	<1.0	<0.05	<1.0	<0.01	<0.05	<1.1	--	<0.4	--
Chlordane, Total, (ug/l)	<15	<1.0	<0.5	<0.15	<0.05	<0.15	<0.01	<0.05	<0.17	--	<0.02	--
P,P' DDD, Total, (ug/l)	<1.0	<1.0	<0.1	<0.10	<0.02	<0.10	<0.005	<0.02	<0.11	--	<0.01	--
P,P' DDE, Total, (ug/l)	<1.0	<1.0	<0.1	<0.050	<0.02	<0.050	<0.005	<0.02	<0.055	--	<0.01	--
P, P' DDT, Total, (ug/l)	<10	<1.0	<0.1	<0.10	<0.02	<0.10	<0.005	<0.02	<0.11	--	<0.01	--
Dieldrin, Total, (ug/l)	<5.0	<1.0	<0.1	<0.10	<0.02	<0.10	<0.005	<0.02	<0.11	--	<0.01	--
Endo-Sulfan Alpha, Total, (ug/l)	<4.0	<1.0	<0.1	<0.15	<0.02	<0.15	<0.005	<0.02	<0.17	--	<0.01	--
Endo-Sulfan Beta, Total, (ug/l)	<10.0	<1.0	<0.1	<0.10	<0.02	<0.10	<0.005	<0.02	<0.11	--	<0.01	--
Endo-Sulfan Sulfate, Total, (ug/l)	<4.0	<1.0	<0.1	<0.75	<0.02	<0.75	<0.005	<0.02	<0.83	--	<0.01	--
Endrin Aldehyde, Total, (ug/l)	<6.0	<1.0	<0.1	<0.25	<0.05	<0.25	<0.01	<0.05	<0.28	--	<0.02	--
Endrin, Total, (ug/l)	<15	<1.0	<0.1	<0.10	<0.02	<0.10	<0.005	<0.02	<0.11	--	<0.01	--
Heptachlor, Total, (ug/l)	<5.0	<1.0	<0.1	<0.10	<0.02	<0.10	<0.005	<0.02	<0.11	--	<0.01	--
Heptachlor Epoxide, Total, (ug/l)	<5.0	<1.0	<0.1	<0.10	<0.02	<0.10	<0.005	<0.02	<0.11	--	<0.01	--
Toxaphene, Total, (ug/l)	<25	<1.0	<0.1	<0.50	<0.05	<0.50	<0.01	<0.05	<0.55	--	<0.02	--
Methoxychlor, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	<0.01	--
Beta Benzene Hexachloride, Total, (ug/l)	<6.0	<1.0	<0.1	<0.05	<0.02	<0.05	<0.005	<0.02	<0.055	--	<0.01	--

Mesa 2 - Broadway and Lindsay												
Sampling Station Identification Number	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2
Date of Sampling	8/8/94	10/15/94	11/12/94	12/5/94	12/23/94	1/4/95	1/17/95	1/26/95	3/5/95	3/11/95	5/7/95	7/12/95
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<4.0	<2.0	--	<2.0	<0.5	--	<0.5	<0.5	<2.0	<2.0	<0.5	<20.0
1,1,1,2-Tetrachloroethane, Total,(ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<4.0	<2.0	--	<2.0	<0.05	--	<0.5	<0.05	10	8.1	1.8	<20.0
1,1,1- Trichloroethane, Total, (ug/l)	<4.0	<2.0	--	<2.0	<0.05	--	<0.5	<0.05	<2.0	<2.0	<0.5	<20.0
1,1,2- Trichloroethane, Total, (ug/l)	<4.0	<2.0	--	<2.0	<0.05	--	<0.5	<0.05	<2.0	<2.0	<0.5	<20.0
Trichloroethene, Total, (ug/l)	<4.0	<2.0	--	<2.0	<0.05	--	<0.5	<0.05	<2.0	<2.0	<0.5	<20.0
1,1- Dichloroethane, Total, (ug/l)	<4.0	<2.0	--	<2.0	<0.05	--	<0.5	<0.05	<2.0	<2.0	<0.5	<20.0
1,1- Dichloroethene, Total, (ug/l)	<4.0	<2.0	--	<5.0	<0.05	--	<0.5	<0.05	<5.0	<5.0	<0.5	<20.0
1,2- Dichloroethane, Total, (ug/l)	<4.0	<2.0	--	<2.0	<0.05	--	<0.5	<0.05	<2.0	<2.0	<0.5	<20.0
1,2- Dichloropropane, Total, (ug/l)	<4.0	<2.0	--	<2.0	<0.05	--	<0.5	<0.05	<2.0	<2.0	<0.5	<20.0
2- Chloroethylvinyl Ether, Total, (ug/l)	<10.	<2.0	--	<2.0	<0.05	--	<5.0	<0.05	<2.0	<2.0	--	<50.0
cis-1,3-Dichloropropene, (ug/l)	<4.0	<2.0	--	<2.0	<0.05	--	<0.5	<0.05	<2.0	<2.0	<0.5	<20.0
trans-1,2- Dichloroethene, (ug/l)	<4.0	<2.0	--	<2.0	<0.05	--	<0.5	<0.05	<2.0	<2.0	<0.5	<20.0
trans-1,3- Dichloropropene, (ug/l)	<4.0	<2.0	--	<2.0	<0.05	--	<0.5	<0.05	<2.0	<2.0	<0.5	<20.0
Benzene, Total, (ug/l)	<4.0	<2.0	--	<2.0	<0.05	--	<0.5	<0.05	<2.0	<2.0	<0.5	<20.0
Bromodichloromethane, Total, (ug/l)	<4.0	<2.0	--	<2.0	<0.05	--	<0.5	<0.05	<2.0	<2.0	<0.5	<20.0
Bromoform, Total, (ug/l)	<10	<2.0	--	<2.0	<0.05	--	<0.5	<0.05	<2.0	<2.0	<0.5	<50.0
Carbon Tetrachloride, Total, (ug/l)	<4.0	<2.0	--	<5.0	<0.05	--	<0.5	<0.05	<5.0	<5.0	<0.5	<20.0
Chlorobenzene, Total, (ug/l)	<4.0	<2.0	--	<2.0	<0.05	--	<0.5	<0.05	<2.0	<2.0	<0.5	<20.0
Chloroethane, (ug/l)	<10	<5.0	--	<5.0	<1.0	--	<1.0	<1.0	<5.0	<5.0	<1.0	<50.0
Chloroform, Total, (ug/l)	<4.0	<2.0	--	<2.0	<0.5	--	<0.5	<0.5	<2.0	<2.0	<0.5	<20.0
Ethyl-Benzene, Total, (ug/l)	<4.0	<2.0	--	<2.0	<1.0	--	<0.5	<1.0	<2.0	<2.0	<0.5	<20.0
Methylene Chloride, Total, (ug/l)	<10	<5.0	--	<10.0	<1.0	--	<1.0	<1.0	<10	<10	<1.0	<50.0
Toluene, Total, (ug/l)	<4.0	<2.0	--	<2.0	<0.5	--	<0.5	<0.5	<2.0	<2.0	<0.5	<20.0
Trichlorofluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	<50.0
Vinyl Chloride, Total, (ug/l)	<10	<5.0	--	<5.0	<0.5	--	<0.5	<0.5	<5.0	<5.0	<0.5	<50.0
Chlorodibromomethane, Total, (ug/l)	<4.0	<2.0	--	<2.0	<0.5	--	<0.5	<0.5	<2.0	<2.0	<0.5	<20.0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	--	--	--	<5.0	<5.0	--	--
Acetone, Total, (ug/l)	--	--	--	<10.0	<0.5	--	--	<0.5	<10	<10	--	--
2-Butanone, (ug/l)	--	--	--	<10.0	<0.5	--	--	<0.5	<10	<10	--	--
Carbon Disulfide, Total, (ug/l)	--	--	--	<5.0	<0.5	--	--	<0.5	<5.0	<5.0	--	--
1,2 Dichloroethene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	<20.0
Xylenes, Total, (ug/l)	<4.0	--	--	<2.0	<1.0	--	<1.0	<1.0	<2.0	<2.0	<1.0	--
2-Hexanone, Total, (ug/l)	--	--	--	<10.0	<0.5	--	--	<0.5	<10	<10	--	--
Styrene, Total, (ug/l)	--	--	--	<2.0	<0.5	--	--	<0.5	<5.0	<5.0	--	--
Acrolein, Total, (ug/l)	<20	--	--	--	<0.5	--	<50.	<0.5	--	--	--	--
Acrylonitirile, Total, (ug/l)	<20	--	--	--	<0.5	--	<50.	<0.5	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Acenaphthylene, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--

Mesa 2 - Broadway and Lindsay												
Sampling Station Identification Number	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2
Date of Sampling	8/8/94	10/15/94	11/12/94	12/5/94	12/23/94	1/4/95	1/17/95	1/26/95	3/5/95	3/11/95	5/7/95	7/12/95
Anthracene, Total, (ug/l)	<23	<10.	--	<10	<5.0	--	<5.0	<5.0	<10	--	<2	--
Benzidine, Total, (ug/l)	--	<100.	--	<100	<20.	--	<20.	<20.	<100	--	<20	--
Benzoic Acid, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	<5	--
Benzo (a) Anthracene, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Benzo (b) Fluoranthene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	<2	--
Benzo (k) Fluoranthene, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Benzo (ghi) Perylene, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Benzo (a) Pyrene, Total, (ug/l)	<23	<10.	<5.0	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Benzyl Alcohol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	<2	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	<23	<20.	--	<20	12	--	13	13	<20	--	55	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Butyl Benzyl Phthalate, Total, (ug/l)	<23	<20.	--	<20	<2.0	--	2	2	<20	--	<2	--
2-Chloronapthalene, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
2-Chlorophenol, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Chrysene, Total, (ug/l)	<23	<10.	<5.0	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	<23	<20.	--	<20	<2.0	--	<2.0	<2.0	<20	--	<2	--
Di-N-Butyl Phthalate, Total, (ug/l)	<23	<20.	--	<20	<2.0	--	<2.0	<2.0	<20	--	<2	--
1,3- Dichlorobenzene, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
1,4- Dichlorobenzene, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
1,2- Dichlorobenzene, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
3,3'- Dichlorobenzidine, Total, (ug/l)	<46	<40.	--	<40	<5.0	--	<5.0	<5.0	<40	--	<5	--
2,4- Dichlorophenol, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Diethyl Phthalate, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
2,4- Dimethylphenol, Total, (ug/l)	--	<20.	--	<20	<2.0	--	<2.0	<2.0	<20	--	<2	--
Dimethyl Phthalate, Total, (ug/l)	<23	<10.0	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<69	--	--	--	--	--	--	--	<40	--	<5	--
2,4- Dinitrophenol, Total, (ug/l)	<120	<100.	--	<100	<10.	--	<10.	<10.	<100	--	<10	--
2,4- Dinitrotoluene, Total, (ug/l)	<23	<10.0	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
2,6- Dinitrotoluene, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Di-N-Octyl-Phthalate, Total, (ug/l)	<23	<40.	--	<40	<2.0	--	<2.0	<2.0	<40	--	<2	--
Fluoranthene, Total, (ug/l)	<23	<10.	<5.0	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Fluorene, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Hexachlorobenzene, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Hexachlorobutadiene, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Hexachlorocyclopentadiene, Total, (ug/l)	<23	<40.	--	<40	<2.0	--	<2.0	<2.0	<40	--	<2	--
Hexachloroethane, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<23	<20.	<5.0	<20	<2.0	--	<2.0	<2.0	<20	--	<2	--
Isophorone, Total, (ug/l)	<23	<10.0	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Naphthalene, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Nitrobenzene, Total, (ug/l)	<23	<40.0	--	<40	<2.0	--	<2.0	<2.0	<40	--	<2	--
2-Nitrophenol, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--

Mesa 2 - Broadway and Lindsay												
Sampling Station Identification Number	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**
Date of Sampling	**8/8/94**	**10/15/94**	**11/12/94**	**12/5/94**	**12/23/94**	**1/4/95**	**1/17/95**	**1/26/95**	**3/5/95**	**3/11/95**	**5/7/95**	**7/12/95**
4-Nitrophenol, Total, (ug/l)	<23	<100.	--	<100	<5.0	--	<5.0	<5.0	<100	--	<5	--
N-Nitrosodiphenylamine, Total, (ug/l)	--	<10.0	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<46	<10.0	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Pentachlorophenol, Total, (ug/l)	<23	<40.	--	<40	<5.0	--	<5.0	<5.0	<40	--	<5	--
Phenanthrene, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Phenol, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
Pyrene, Total, (ug/l)	<23	<10.	<5.0	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
1,2,4-Trichlorobenzene, Total, (ug/l)	<23	<10.	--	<10	<2.0	--	<2.0	<2.0	<10	--	<2	--
2,4,5- Trichlorophenol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	<5	--
2,4,6- Trichlorophenol, Total, (ug/l)	<23	<20.0	--	<20	<5.0	--	<5.0	<5.0	<20	--	<5	--
N-Nitrosodimethylamine, Total, (ug/l)	--	--	--	--	<0.5	--	--	<0.5	--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	--	<1000.	--	--	<2.0	--	<2.0	<2.0	--	--	<2	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--

Mesa 2 - Broadway and Lindsay												
Sampling Station Identification Number	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2
Date of Sampling	**8/19/95**	**9/7/95**	**9/28/95**	**2/1/96**	**2/26/96**	**3/13/96**	**7/9/96**	**7/14/96**	**9/2/96**	**9/11/96**	**1/13/97**	**2/27/97**
Agency Collecting Sample	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample	WESTECH	WESTECH	WESTECH	DEL MAR	DEL MAR	DEL MAR	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN
Drainage Area (acres) (DA)	145	145	145	145	145	145	145	145	145	145	145	145
Impervious Area (acres) (IA)	37	37	37	37	37	37	37	37	37	37	37	37
Land Use - Residential	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Commercial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Industrial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Undeveloped	--	--	--	--	--	--	--	--	--	--	--	--
Sampling Duration (minutes)	184	552	294	550	506	1194	300	592	296	400	1420	954
Storm Duration (minutes) (DRN)	198	230	328	1146	132	1027	234	199	162	245	248	1008
Runoff Sampled (cubic feet) (RUN)	84603	55225	122465	57569	58103	53770	64500	61630	63600	21000	40463	51700
Total Storm Runoff (cubic feet)	105000	55500	170000	256000	61000	58100	78000	75000	77000	17700	45000	56100
Instantaneous Discharge (cfs)	22.5	3.3	29.4	5.1	6.3	3.5	6.3	11.2	7.2	2.2	1.9	2.5
Preceeding Dry Period (days) (ANT)	7	19	21	86	25	16	118	5	7	9	45	31
Total Storm Rainfall (inch)	0.84	0.28	0.75	0.63	0.36	0.31	0.69	0.37	1.14	0.52	0.31	0.56
Rainfall Sampled (inch) (TRN)	0.83	0.28	0.73	0.22	0.36	0.31	0.69	0.37	1.14	0.52	0.35	0.55
Maximum 5-minute rain intensity (MAX5)	5.2	0.7	2.28	1.92	0.48	0.36	4.08	3.84	3.9	1.92	0.36	0.72
Sample Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	13.8
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.51
pH, Lab (standard units)	7.51	7.82	7.32	7	7.6	7.4	6.9	6.9	7.8	7.5	6.9	7.7
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	200	110	250	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	5	8	9	0.85	7.46	6.6	--	7.9	9.61
Electrical Conductivity (umhos/cm)	150	200	100	--	--	--	188	118	891	102	120	181
BOD5 (mg/l)	24	6	24	45	5	11	507	5	15	--	53	16
COD High Level (mg/l)	120	73	53	260	67	73	130	91	80	7.5	<20	59
Chloride (mg/l as Cl)	7.2	8.3	4.3	12	4.5	20	12	7	8	<5.0	8	8
Cyanide Total (mg/l as Cn)	<0.01	<0.01	<0.01	<0.025	<0.025	<0.025	<0.02	<0.02	<0.02	<0.02	<0.01	<0.01
Fecal Coliform (CFU/100mL)	620	330	--	2400	600	30	--	>160000	30000	50000	90000	160000
Fecal Streptococci (CFU/100mL)	1	<1	--	>16000	8	33	>1600	4<X<50	5000	24000	50000	23
Solids Residue at 180 Deg. C (TDS) (mg/l)	130	190	78	90	91	200	155	92	80	87	116	135
Residue, Total at 105 Deg. C (TSS) (mg/l)	170	32	110	160	44	16	132	76	302	222	23	28
Nitrogen No2 + No3, Total (mg/l as N)	1.3	0.88	<0.50	1.9	0.71	0.65	5.6	1.1	0.8	0.4	0.68	1.19
TKN Nitrogen (mg/l as N)	2.9	2.5	1.7	5.9	1.7	<0.50	4.22	4.46	5.7	5.2	3.09	5.99
Nitrogen, Ammonia + Organic, Total (mg/l as N)	2.9	2.5	1.7	5.4	1.55	0.68	4.22	4.46	5.7	5.2	3.09	5.99
Nitrogen Nitrate Total (mg/l as N)	1.3	0.69	<0.50	1.9	0.71	0.54	5.6	0.95	0.8	0.4	0.68	1.19
Nitrogen Nitrite Total (mg/l as N)	<0.05	0.19	0.09	<0.15	<0.15	0.11	<0.1	0.12	<0.1	<0.1	<0.1	<0.01
Nitrogen Ammonia Total (mg/l as N)	1	<0.1	1	2.4	0.63	0.68	1.87	1.41	1.2	0.4	1.4	1.06
Nitrogen Organic Total (mg/l as N)	--	--	--	3	0.92	ND	2.35	3.05	4.5	4.8	3.09	4.93
Phosphorous Total (mg/l as P)	1.3	1.4	0.69	0.46	0.29	0.61	0.88	0.62	0.15	0.2	0.38	0.36
Phosphorous Dissolved (mg/l as P)	0.76	1.2	0.41	0.46	0.25	0.61	1.5	0.39	0.15	--	0.37	0.27

Mesa 2 - Broadway and Lindsay												
Sampling Station Identification Number	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2
Date of Sampling	8/19/95	9/7/95	9/28/95	2/1/96	2/26/96	3/13/96	7/9/96	7/14/96	9/2/96	9/11/96	1/13/97	2/27/97
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	8.8	14	<5.0	25	6.8	22	2947	8563	10	14	14	18
Hexavalent Chromium Total (mg/l)	--	--	--	<0.025	<0.025	<0.025	<0.005	<0.05	<0.005	<0.005	<0.010	<0.010
Phenols Total Recoverable (ug/l)	<10	<10	<10	<100	<100	<100	28	<5	<5	--	<5	6
Oil and Grease Total Recoverable (mg/l)	2400	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0
Organic Carbon, Total (mg/l)	--	--	--	33	17	37	--	41	21	--	26.3	<0.2
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)	--	--	--	51	34	56	34	34	24	32	36	52
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	89	31	68	57	43	49	29	35	69
Antimony (ug/l as Sb)	--	--	--	<50	<50	<50	<5	<5	<5	<5	<5	<5
Antimony Dissolved (ug/l as Sb)	--	--	--	<50	<50	<50	<5	<5	<5	<5	<5	<5
Arsenic Total (ug/l as As)	<50	<30	<30	<10	<10	<10	<10	<5	<5	<5	<5	<5
Arsenic Dissolved (ug/l as As)	<5	<20	<50	<10	<10	<10	5	<5	<5	<5	<5	<5
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	--	--	--	<5	<5	<5	<2	<2	<2	<2	<2	<2
Beryllium Dissolved (ug/l as Be)	--	--	--	<4	<5	<4	<2	<2	<2	<2	<2	<2
Cadmium Total Recoverable (ug/l as Cd)	<40	<4	<4	<5	<5	<5	<4	<4	<4	<4	<4	<4
Cadmium Dissolved (ug/l as Cd)	<0.5	<1	<1	<5	<5	<5	<4	<4	<4	<4	<4	<4
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	<50	<7	<7	8	<5	<5	<5	8	7	<5	<5	<5
Chromium Dissolved (ug/l as Cr)	<5	<2	<2	<5	<5	<5	<5	<5	<5	6	<5	<5
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	<50	15	31	<50	<50	<50	21	21	16	20	<15	24
Copper, Dissolved, (ug/l as Cu)	<50	<2	5	<50	<50	<50	16	<10	<10	<10	<15	<20
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	<50	<10	<10	<5	5.7	<10	12	8	16	<5	<5	<5
Lead, Dissolved, (ug/l as Pb)	<5	19	<13	<5	<5	<10	5	<5	<5	<5	<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)	<1.0	<1.0	<1.0	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)	--	--	--	<0.2	<0.2	<0.2	0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	--	--	--	<50	<50	<50	<20	<20	<20	<20	<20	<20
Nickel, Dissolved, (ug/l as Ni)	--	--	--	<50	<50	<50	22	<20	<20	<20	<20	<20
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	4	--
Selenium, Total, (ug/l as Se)	--	--	--	<20	<20	<20	<5	<5	<5	<5	<5	<5
Selenium, Dissolved, (ug/l as Se)	--	--	--	<20	<20	<20	<5	<5	<5	<5	<5	<5
Silver, Total Recoverable, (ug/l as Ag)	--	--	--	<10	<5	<10	<50	<50	<50	<50	<50	<50

Mesa 2 - Broadway and Lindsay												
Sampling Station Identification Number	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2
Date of Sampling	8/19/95	9/7/95	9/28/95	2/1/96	2/26/96	3/13/96	7/9/96	7/14/96	9/2/96	9/11/96	1/13/97	2/27/97
Silver, Dissolved, (ug/l as Ag)	--	--	--	<10	<5	<10	<50	<50	<50	<50	<50	<50
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	--	--	--	<2	<20	<50	<1	<1	<1	<1	<1	<1
Thallium, Dissolved, (ug/l as Tl)	--	--	--	<2	<20	<50	<2	<2	<1	<1	<1	<1
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	<660	<660	<660	180	74	51	120	90	110	40	70	140
Zinc, Dissolved, (ug/l as Zn)	<50	58	<5	92	64	<50	80	80	30	<10	40	70
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<0.10	<0.10	<0.10	--	<0.10	<0.10	<0.5	<0.5	<0.5	--	<0.5	<0.5
BHC - ALPHA, (ug/l)	<0.050	<0.050	<0.050	--	<0.05	<0.05	<0.5	<0.5	<0.5	--	<0.5	<0.5
BHC - Gamma (Lindane), (ug/l)	<0.050	<0.050	<0.050	--	<0.05	<0.05	<0.5	<0.5	<0.5	--	<0.5	<0.5
BHC - DELTA, (ug/l)	<0.40	<0.40	<0.40	--	<0.40	<0.40	<0.5	<0.5	<0.5	--	<0.5	<0.5
Aroclor 1016, PCB, Total, (ug/l)	<1.0	<1.0	<1.0	--	<1.0	<1.0	<0.5	<0.5	<0.5	--	<0.5	<0.5
Aroclor 1221, PCB, Total, (ug/l)	<1.0	<1.0	<1.0	--	<1.0	<1.0	<0.5	<0.5	<0.5	--	<0.5	<0.5
Aroclor 1232, PCB, Total, (ug/l)	<1.0	<1.0	<1.0	--	<1.0	<1.0	<0.5	<0.5	<0.5	--	<0.5	<0.5
Aroclor 1242, PCB, Total, (ug/l)	<1.0	<1.0	<1.0	--	<1.0	<1.0	<0.5	<0.5	<0.5	--	<0.5	<0.5
Aroclor 1248, PCB, Total, (ug/l)	<1.0	<1.0	<1.0	--	<1.0	<1.0	<0.5	<0.5	<0.5	--	<0.5	<0.5
Aroclor 1254, PCB, Total, (ug/l)	<1.0	<1.0	<1.0	--	<1.0	<1.0	<0.5	<0.5	<0.5	--	<0.5	<0.5
Aroclor 1260, PCB, Total, (ug/L)	<1.0	<1.0	<1.0	--	<1.0	<1.0	<0.5	<0.5	<0.5	--	<0.5	<0.5
Chlordane, Total, (ug/l)	<0.15	<0.15	<0.15	--	<0.15	<0.15	<0.5	<0.5	<0.5	--	<0.5	<0.5
P,P' DDD, Total, (ug/l)	<0.10	<0.10	<0.10	--	<0.10	<0.10	<0.5	<0.5	<0.5	--	<0.5	<0.5
P,P' DDE, Total, (ug/l)	0.11	<0.050	0.1	--	<0.05	<0.05	<0.5	<0.5	<0.5	--	<0.5	<0.5
P, P' DDT, Total, (ug/l)	<0.10	<0.10	<0.10	--	<0.10	<0.10	<0.5	<0.5	<0.5	--	<0.5	<0.5
Dieldrin, Total, (ug/l)	<0.10	<0.10	<0.10	--	<0.10	<0.10	<0.5	<0.5	<0.5	--	<0.5	<0.5
Endo-Sulfan Alpha, Total, (ug/l)	<0.15	<0.15	<0.15	--	<0.15	<0.15	<0.5	<0.5	<0.5	--	<0.5	<0.5
Endo-Sulfan Beta, Total, (ug/l)	<0.10	<0.10	<0.10	--	<0.10	<0.10	<0.5	<0.5	<0.5	--	<0.5	<0.5
Endo-Sulfan Sulfate, Total, (ug/l)	<0.75	<0.75	<0.75	--	<0.75	<0.75	<0.5	<0.5	<0.5	--	<0.5	<0.5
Endrin Aldehyde, Total, (ug/l)	<0.25	<0.25	<0.25	--	<0.25	<0.25	<0.5	<0.5	<0.5	--	<0.5	<0.5
Endrin, Total, (ug/l)	<0.10	<0.10	<0.10	--	<0.10	<0.10	<0.1	<0.1	<0.1	--	<0.1	<0.1
Heptachlor, Total, (ug/l)	<0.10	<0.10	<0.10	--	<0.10	<0.10	<0.5	<0.5	<0.5	--	<0.5	<0.5
Heptachlor Epoxide, Total, (ug/l)	<0.10	<0.10	<0.10	--	<0.10	<0.10	<0.5	<0.5	<0.5	--	<0.5	<0.5
Toxaphene, Total, (ug/l)	<0.50	<0.50	<0.50	--	<0.50	<0.50	<0.5	<0.5	<0.5	--	<0.5	<0.5
Methoxychlor, Total, (ug/l)	<10	<10	<10	--	<10	<10	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	<0.050	<0.050	<0.050	--	<0.05	<0.050	<0.5	<0.5	<0.5	--	<0.5	<0.5

Mesa 2 - Broadway and Lindsay												
Sampling Station Identification Number	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2
Date of Sampling	8/19/95	9/7/95	9/28/95	2/1/96	2/26/96	3/13/96	7/9/96	7/14/96	9/2/96	9/11/96	1/13/97	2/27/97
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,1,1,2-Tetrachloroethane, Total,(ug/l)	<2.0	<2.0	<2.0	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,1,1- Trichloroethane, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,1,2- Trichloroethane, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Trichloroethene, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,1- Dichloroethane, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,1- Dichloroethene, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,2- Dichloroethane, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,2- Dichloropropane, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
2- Chloroethylvinyl Ether, Total, (ug/l)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2	<2	<2	<2	<2	<2
cis-1,3-Dichloropropene, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
trans-1,2- Dichloroethene, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
trans-1,3- Dichloropropene, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Benzene, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Bromodichloromethane, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Bromoform, Total, (ug/l)	<5.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride, Total, (ug/l)	<2.0	<2.0	<2.0	<5.0	<5.0	<5.0	<2	<2	<2	<2	<2	<2
Chlorobenzene, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Chloroethane, (ug/l)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5	<5	<5	<5	<5	<5
Chloroform, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Ethyl-Benzene, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Methylene Chloride, Total, (ug/l)	<5.0	<5.0	<5.0	<10	<10	<10	--	--	--	--	--	--
Toluene, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Trichlorofluoromethane, Total, (ug/l)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5	<5	<5	<5	<5	<5
Vinyl Chloride, Total, (ug/l)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5	<5	<5	<5	<5	<5
Chlorodibromomethane, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--
Acetone, Total, (ug/l)	--	--	--	15	<10	<10	<10	<10	<10	<10	<10	<10
2-Butanone, (ug/l)	--	--	--	<10	<10	<10	<10	<10	<10	<10	<10	<10
Carbon Disulfide, Total, (ug/l)	--	--	--	<5.0	<5.0	<5.0	<10	<10	<10	<10	<10	<10
1,2 Dichloroethene, Total, (ug/l)	--	--	--	--	--	--	<2	<2	<2	<2	<2	<2
Xylenes, Total, (ug/l)	--	--	--	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
2-Hexanone, Total, (ug/l)	--	--	--	<10	<10	<10	<10	<10	<10	<10	<10	<10
Styrene, Total, (ug/l)	--	--	--	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Acrolein, Total, (ug/l)	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10
Acrylonitirile, Total, (ug/l)	--	--	--	--	--	--	<10	<10	<10	<10	<10	<10
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	<2	<2	<2	<2	<2	<2
Methyl Bromide, Total, (ug/l)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5	<5	<5	<5	<5	<5
Methyl Chloride, Total, (ug/l)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5	<5	<5	<5	<5	<5
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Acenaphthylene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--

Mesa 2 - Broadway and Lindsay												
Sampling Station Identification Number	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2	MESA_2
Date of Sampling	8/19/95	9/7/95	9/28/95	2/1/96	2/26/96	3/13/96	7/9/96	7/14/96	9/2/96	9/11/96	1/13/97	2/27/97
Anthracene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Benzidine, Total, (ug/l)	<110	<2500	<100	--	<110	<100	<50	<50	--	--	<50	--
Benzoic Acid, Total, (ug/l)	<110	<2500	<100	--	<110	<100	<5	<5	--	--	<5.0	--
Benzo (a) Anthracene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Benzo (b) Fluoranthene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<5	<5	--	--	<5.0	--
Benzo (k) Fluoranthene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<5	<5	--	--	<5.0	--
Benzo (ghi) Perylene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Benzo (a) Pyrene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Benzyl Alcohol, Total, (ug/l)	<21	<500	<20	--	<21	<20	<3	<3	--	--	<3.0	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	65	<500	51	--	240	150	190	160	--	--	100	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Butyl Benzyl Phthalate, Total, (ug/l)	<21	<500	<20	--	<21	<20	<5	<5	--	--	<5.0	--
2-Chloronapthalene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
2-Chlorophenol, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Chrysene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	<21	<500	<20	--	<21	<20	<5	<5	--	--	<5.0	--
Di-N-Butyl Phthalate, Total, (ug/l)	<21	<500	<20	--	<21	<20	<3	<3	--	--	<3.0	--
1,3- Dichlorobenzene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
1,4- Dichlorobenzene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<5	<5	--	--	<3.0	--
1,2- Dichlorobenzene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
3,3'- Dichlorobenzidine, Total, (ug/l)	<43	<1000	<40	--	<42	<40	<5	<5	--	--	<5.0	--
2,4- Dichlorophenol, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Diethyl Phthalate, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
2,4- Dimethylphenol, Total, (ug/l)	<21	<500	<20	--	<21	<20	<5	<5	--	--	<5.0	--
Dimethyl Phthalate, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<43	<1000	<40	--	<42	<40	<5	<5	--	--	<5.0	--
2,4- Dinitrophenol, Total, (ug/l)	<110	<2500	<100	--	<110	<100	<10	<10	--	--	<10	--
2,4- Dinitrotoluene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<5	<5	--	--	<5.0	--
2,6- Dinitrotoluene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<5	<5	--	--	<5.0	--
Di-N-Octyl-Phthalate, Total, (ug/l)	<43	<1000	<40	--	<42	<40	<5	<5	--	--	<5.0	--
Fluoranthene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Fluorene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Hexachlorobenzene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Hexachlorobutadiene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Hexachlorocyclopentadiene, Total, (ug/l)	<43	<1000	<40	--	<42	<40	<10	<10	--	--	<10	--
Hexachloroethane, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<21	<500	<20	--	<21	<20	<5	<5	--	--	<5.0	--
Isophorone, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Naphthalene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Nitrobenzene, Total, (ug/l)	<43	<1000	<40	--	<42	<40	<3	<3	--	--	<3.0	--
2-Nitrophenol, Total, (ug/l)	<11	<250	<10	--	<11	<10	<5	<5	--	--	<5.0	--

Mesa 2 - Broadway and Lindsay												
Sampling Station Identification Number	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**	**MESA_2**
Date of Sampling	**8/19/95**	**9/7/95**	**9/28/95**	**2/1/96**	**2/26/96**	**3/13/96**	**7/9/96**	**7/14/96**	**9/2/96**	**9/11/96**	**1/13/97**	**2/27/97**
4-Nitrophenol, Total, (ug/l)	<110	<2500	<100	--	<110	<100	<5	<5	--	--	<5.0	--
N-Nitrosodiphenylamine, Total, (ug/l)	<11	<250	<!0	--	<11	<10	<3	<3	--	--	<3.0	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Pentachlorophenol, Total, (ug/l)	<43	<1000	<40	--	<42	<40	<5	<5	--	--	<5.0	--
Phenanthrene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Phenol, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
Pyrene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
1,2,4-Trichlorobenzene, Total, (ug/l)	<11	<250	<10	--	<11	<10	<3	<3	--	--	<3.0	--
2,4,5- Trichlorophenol, Total, (ug/l)	<21	<500	<20	--	<21	<20	<3	<3	--	--	<3.0	--
2,4,6- Trichlorophenol, Total, (ug/l)	<21	<500	<20	--	<21	<20	<3	<3	--	--	<3.0	--
N-Nitrosodimethylamine, Total, (ug/l)	--	--	--	--	<11	<10	<5	<5	--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	<1100	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--

Mesa 3
Falcon Field

Mesa 3 - Falcon Field												
Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	8/22/92	12/4/92	12/8/92	1/7/93	2/8/93	8/24/93	11/13/93	1/25/94	2/7/94	5/25/94	7/17/94	8/8/94
Agency Collecting Sample	Mesa	Mesa	Mesa	Mesa	Mesa	FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample	ATL	ATL	ATL	ATL	ATL	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH
Drainage Area (acres) (DA)	171	171	171	171	171	171	171	171	171	171	171	171
Impervious Area (acres) (IA)	111	111	111	111	111	111	111	111	111	111	111	111
Land Use - Residential	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Commercial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Industrial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Undeveloped	--	--	--	--	--	--	--	--	--	--	--	--
Sampling Duration (minutes)	UA	UA	UA	UA	UA	50	UA	90	174	56	124	72
Storm Duration (minutes) (DRN)	UA	UA	UA	UA	UA	UA	UA	40	626	36	82	12
Runoff Sampled (cubic feet) (RUN)	UA	UA	UA	UA	UA	101150	UA	51500	37660	63380	27920	25350
Total Storm Runoff (cubic feet)	UA	UA	UA	UA	UA	UA	UA	103000	411000	94750	47750	43845
Instantaneous Discharge (cfs)	20.1	17.1	13.3	7.6	40.6	45.9	UA	15.8	12.1	32.4	10.0	8.4
Preceeding Dry Period (days) (ANT)	UA	104	4	30	32	197	81	73	13	107	53	22
Total Storm Rainfall (inch)	UA	UA	UA	UA	UA	UA	UA	0.2	0.5	0.42	0.13	0.12
Rainfall Sampled (inch) (TRN)	UA	UA	UA	UA	UA	0.5	UA	0.2	0.38	0.42	0.13	0.12
Maximum 5-minute rain intensity (MAX5)	UA	UA	UA	UA	UA	UA	UA	0.66	0.12	1.32	0.78	1.2
Sample Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)	6.1	6.5	6.7	6.8	6.7	7.39	--	7.17	7.71	7.42	5.73	6.43
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)	--	--	--	--	--	--	--	--	--	74	--	180
BOD5 (mg/l)	12	7	5	5	--	19	5	59	28	14	63	42
COD High Level (mg/l)	150	95	37	43	99	61	95	270	85	96	250	300
Chloride (mg/l as Cl)	--	--	--	--	--	--	1.3	6	4.4	1.9	8.5	9
Cyanide Total (mg/l as Cn)	<0.01	<0.01	<0.01	<0.01	<0.01	--	--	<0.01	<0.01	<0.01	<0.01	<0.01
Fecal Coliform (CFU/100mL)	2	240	170	220	130	>16	420	7	29	12	21	3100
Fecal Streptococci (CFU/100mL)	2	2300	7000	7000	2400	>16	280	13	690	3	4	33
Solids Residue at 180 Deg. C (TDS) (mg/l)	61	75	54	130	55	69	85	230	120	69	150	260
Residue, Total at 105 Deg. C (TSS) (mg/l)	82	23	56	25	100	150	56	76	22	130	120	120
Nitrogen No2 + No3, Total (mg/l as N)	0.6	0.3	0.21	0.22	0.32	0.73	0.6	2.3	0.69	0.57	2.2	2.5
TKN Nitrogen (mg/l as N)	2.5	0.5	0.9	0.4	0.9	2.4	11	5.3	3.3	1.2	8.6	6.1
Nitrogen, Ammonia + Organic, Total (mg/l as N)	1.5	0.5	0.3	0.2	0.3	--	11	5.3	3.3	1.2	8.6	4
Nitrogen Nitrate Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)	--	0.2	0.17	0.085	0.15	0.32	0.29	0.44	2.5	0.47	0.57	0.45

Mesa 3 - Falcon Field

Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	8/22/92	12/4/92	12/8/92	1/7/93	2/8/93	8/24/93	11/13/93	1/25/94	2/7/94	5/25/94	7/17/94	8/8/94
Phosphorous Dissolved (mg/l as P)	0.17	--	--	0.072	0.12	0.14	0.11	0.23	2.3	0.16	0.53	0.35
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	6.7	--	19
Hexavalent Chromium Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	53	53	53	53	53	--	--	--	--	--	--	<10
Oil and Grease Total Recoverable (mg/l)	5	<5.0	<5.0	<5.0	<5.0	7	<5.0	7.3	1.6	<1.0	380	<5.0
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Whole Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Field (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity LAB (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	<20	<20	<20	<20	<20	<50	--	--	--	--	--	--
Antimony Dissolved (ug/l as Sb)	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	<20	<20	<20	<20	<20	<50	<50	<50	<50	<50	<50	<50
Arsenic Dissolved (ug/l as As)	--	--	--	--	--	--	--	--	--	<5	<5	<5
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	<10	<10	<10	<10	<10	<50	--	--	--	--	--	--
Beryllium Dissolved (ug/l as Be)	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	<5	<5	<5	<5	<5	<50	<50	<40	<40	<40	<40	<40
Cadmium Dissolved (ug/l as Cd)	--	--	--	--	--	<0.5	1	5.1	<0.5	0.8	3.9	2.1
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	<50	<50	<50	<50	<50	<50	<50	<50	<50	160	1500	<50
Chromium Dissolved (ug/l as Cr)	--	--	--	--	--	<5	<5	9	<5	<5	8	6
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	<50	<50	<50	<50	<50	<50	<50	70	60	<50	50	<50
Copper, Dissolved, (ug/l as Cu)	--	--	--	--	--	<50	<50	<50	<50	<50	<50	<50
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	<20	<20	<20	<20	<20	50	<50	<50	<50	<50	<50	60
Lead, Dissolved, (ug/l as Pb)	--	--	--	--	--	<5	13	<50	<5	<5	<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)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Mercury, Dissolved, (ug/l as Hg)	--	--	--	--	--	--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	<50	<50	<50	<50	<50	<50	--	--	--	--	--	--
Nickel, Dissolved, (ug/l as Ni)	--	--	--	--	--	--	--	--	--	--	--	--
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	<5	<5	<5	<5	<5	<50	--	--	--	--	--	--

Mesa 3 - Falcon Field

Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	8/22/92	12/4/92	12/8/92	1/7/93	2/8/93	8/24/93	11/13/93	1/25/94	2/7/94	5/25/94	7/17/94	8/8/94
Selenium, Dissolved, (ug/l as Se)	--	--	--	--	--	--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	<20	<20	<20	<20	<20	<50	--	--	--	--	--	--
Silver, Dissolved, (ug/l as Ag)	--	--	--	--	--	--	--	--	--	--	--	--
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	<10	<10	<10	<10	<10	<100	--	--	--	--	--	--
Thallium, Dissolved, (ug/l as Tl)	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	<100	<100	<100	<100	130	120	100	220	80	130	480	270
Zinc, Dissolved, (ug/l as Zn)	--	--	--	--	--	<50	60	150	<50	50	410	200
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<1.0	<0.6	<0.1	<1.0	--	<1.0	<10
BHC - ALPHA, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.6	<0.3	<0.6	<0.6	--	<0.6	<6.0
BHC - Gamma (Lindane), (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.1	<0.5	<0.5	--	<0.5	<5.0
BHC - DELTA, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.1	<0.2	<0.2	--	<0.2	<2.0
Aroclor 1016, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<50.0	<0.25	<2.0	<2.0	--	<2.0	<20
Aroclor 1221, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<10.0	<0.25	<50.	<50.	--	<50.	<500
Aroclor 1232, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<10.0	<0.25	<10.	<10.	--	<10.	<100
Aroclor 1242, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<6.0	<0.25	<6.0	<6.0	--	<6.0	<60
Aroclor 1248, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.25	<2.0	<2.0	--	<2.0	<20
Aroclor 1254, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<2.0	<0.25	<2.0	<2.0	--	<2.0	<20
Aroclor 1260, PCB, Total, (ug/L)	<0.20	<0.20	<0.20	<0.20	<0.20	<4.0	<0.25	<4.0	<4.0	--	<4.0	<20
Chlordane, Total, (ug/l)	<0.1	<0.1	<0.1	<0.1	<0.1	<1.5	<1.5	<1.5	<1.5	--	<1.5	<15
P,P' DDD, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.6	<0.1	<0.1	--	<0.1	<10
P,P' DDE, Total, (ug/l)	<0.01	<0.01	0.13	0.017	0.033	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<10
P, P' DDT, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<1.0	<0.05	<1.0	<1.0	--	<1.0	<10
Dieldrin, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.3	<0.5	<0.5	--	<0.5	<5.0
Endo-Sulfan Alpha, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.4	<0.2	<0.4	<0.4	--	<0.4	<4.0
Endo-Sulfan Beta, Total, (ug/l)	<0.02	<0.02	<0.02	<0.02	<0.02	<1.0	<0.5	<1.0	<1.0	--	<1.0	<10
Endo-Sulfan Sulfate, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.4	<0.2	<0.4	<0.4	--	<0.4	<40
Endrin Aldehyde, Total, (ug/l)	<0.10	<0.10	<0.10	<0.10	<0.10	<0.6	<0.3	<0.6	<0.6	--	<0.6	<60
Endrin, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<1.5	<0.1	<1.5	<1.5	--	<1.5	<15
Heptachlor, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.3	<0.5	<0.5	--	<0.5	<5.0
Heptachlor Epoxide, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.1	<0.5	<0.5	--	<0.5	<5.0

Mesa 3 - Falcon Field

Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	8/22/92	12/4/92	12/8/92	1/7/93	2/8/93	8/24/93	11/13/93	1/25/94	2/7/94	5/25/94	7/17/94	8/8/94
Toxaphene, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<2.5	<2.5	<2.5	<2.5	--	<2.5	<25
Methoxychlor, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<6.9	<6.9	<6.9	<6.9	<6.9	<2.0	<0.5	<5.0	<2.0	--	<10	<4.0
1,1,1,2-Tetrachloroethane, Total,(ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<4.1	<4.1	<4.1	<4.1	<4.1	--	<0.5	<5.0	<2.0	--	<10	<4.0
1,1,1- Trichloroethane, Total, (ug/l)	<3.8	<3.8	<3.8	<3.8	<3.8	<2.0	<0.5	<5.0	<2.0	--	<10	<4.0
1,1,2- Trichloroethane, Total, (ug/l)	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<0.5	<5.0	<2.0	--	<10	<4.0
Trichloroethene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	--	<0.5	<5.0	<2.0	--	<10	<4.0
1,1- Dichloroethane, Total, (ug/l)	<4.7	<4.7	<4.7	<4.7	<4.7	<2.0	<0.5	<5.0	<2.0	--	<10	<4.0
1,1- Dichloroethene, Total, (ug/l)	<2.8	<2.8	<2.8	<2.8	<2.8	--	<0.5	<5.0	<2.0	--	<10	<4.0
1,2- Dichloroethane, Total, (ug/l)	<2.8	<2.8	<2.8	<2.8	<2.8	<2.0	<0.5	<5.0	<2.0	--	<10	<4.0
1,2- Dichloropropane, Total, (ug/l)	<6.0	<6.0	<6.0	<6.0	<6.0	<2.0	<0.5	<5.0	<2.0	--	<10	<4.0
2- Chloroethylvinyl Ether, Total, (ug/l)	--	--	--	--	--	--	--	<15.0	<5.0	--	<25	<10.
cis-1,3-Dichloropropene, (ug/l)	<5.0	<5.0	<5.0	<5.0	<5.0	--	<0.5	<5.0	<2.0	--	<10	<4.0
trans-1,2- Dichloroethene, (ug/l)	<1.6	<1.6	<1.6	<1.6	<1.6	--	<0.5	<5.0	<2.0	--	<10	<4.0
trans-1,3- Dichloropropene, (ug/l)	--	--	--	--	--	--	<0.5	<5.0	<2.0	--	<10	<4.0
Benzene, Total, (ug/l)	<4.4	<4.4	<4.4	<4.4	<4.4	<5.0	<0.5	<5.0	<2.0	--	<10	<4.0
Bromodichloromethane, Total, (ug/l)	<2.2	<2.2	<2.2	<2.2	<2.2	--	<0.5	<5.0	<2.0	--	<10	<4.0
Bromoform, Total, (ug/l)	<4.7	<4.7	<4.7	<4.7	<4.7	<5.0	<0.5	<5.0	<5.0	--	<25	<10
Carbon Tetrachloride, Total, (ug/l)	<2.8	<2.8	<2.8	<2.8	<2.8	2	<0.5	<5.0	<2.0	--	<10	<4.0
Chlorobenzene, Total, (ug/l)	<6.0	<6.0	<6.0	<6.0	<6.0	<2.0	<0.5	<10.0	<2.0	--	<10	<4.0
Chloroethane, (ug/l)	--	--	--	--	--	--	<0.5	<10.0	<5.0	--	<25	<10
Chloroform, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<1.6	<2.0	<0.5	<5.0	<2.0	--	<10	<4.0
Ethyl-Benzene, Total, (ug/l)	<7.2	<7.2	<7.2	<7.2	<7.2	<2.0	<0.5	<5.0	<2.0	--	<10	<4.0
Methylene Chloride, Total, (ug/l)	<2.8	<2.8	1.9	<2.8	<2.8	<5.0	--	<5.0	<5.0	<5.0	<25	<10
Toluene, Total, (ug/l)	<6.0	<6.0	<6.0	<6.0	<6.0	<2.0	<0.5	<5.0	<2.0	<2.0	<10	<4.0
Trichlorofluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride, Total, (ug/l)	<3.5	<3.5	<3.5	<3.5	<3.5	<5.0	<0.5	<10.0	<5.0	--	<25	<10
Chlorodibromomethane, Total, (ug/l)	<3.1	<3.1	<3.1	<3.1	<3.1	--	<0.5	<5.0	<2.0	--	<10	<4.0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	--	--	--	--	--	--	--
Acetone, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Carbon Disulfide, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,2 Dichloroethene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	--	--	--	--	--	--	<0.5	<10.0	<2.0	--	<10	<4.0
2-Hexanone, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Styrene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Acrolein, Total, (ug/l)	<50.0	<50.0	<50.0	<50.0	<50.0	<10.0	--	<5.0	<10.0	--	<50	<20
Acrylonitirile, Total, (ug/l)	<50.0	<50.0	<50.0	<50.0	<50.0	<10.0	--	<5.0	<10.0	--	<50	<20
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	<5.2	<5.2	<5.2	<5.2	<5.2	--	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	<5.5	<5.5	<5.5	<5.5	<5.5	--	--	--	--	--	--	--

Mesa 3 - Falcon Field												
Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	8/22/92	12/4/92	12/8/92	1/7/93	2/8/93	8/24/93	11/13/93	1/25/94	2/7/94	5/25/94	7/17/94	8/8/94
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Acenaphthylene, Total, (ug/l)	<3.5	<3.5	<3.5	<3.5	<3.5	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Anthracene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Benzidine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0	<20.0	<200.0	<40.0	--	--	--
Benzoic Acid, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Benzo (a) Anthracene, Total, (ug/l)	<7.8	<7.8	<7.8	<7.8	<7.8	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Benzo (b) Fluoranthene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Benzo (ghi) Perylene, Total, (ug/l)	<4.1	<4.1	<4.1	<4.1	<4.1	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Benzo (a) Pyrene, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	<10.0	<100.0	<20.0	<10	<10	<20
Benzyl Alcohol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<5.3	<5.3	<5.3	<5.3	<5.3	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<5.7	<5.7	<5.7	<5.7	<5.7	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<5.7	<5.7	<5.7	<5.7	<5.7	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	5.8	<10.0	<10.0	<100.0	<20.0	--	<10	<20
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Butyl Benzyl Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	<10.0	<100.0	<20.0	--	<10	<20
2-Chloronapthalene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<100.0	<20.0	--	<10	<20
2-Chlorophenol, Total, (ug/l)	<3.3	<3.3	<3.3	<3.3	<3.3	<10.0	<10.0	<100.0	<20.0	--	<10	<20
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<4.2	<4.2	<4.2	<4.2	<4.2	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Chrysene, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	<10.0	<100.0	<20.0	<10	<10	<20
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	--	--	--	--	--	--	<10.0	<100.0	<20.0	--	<10	<20
Di-N-Butyl Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	<10.0	<100.0	<20.0	--	<10	<20
1,3- Dichlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<100.0	<20.0	--	<10	<20
1,4- Dichlorobenzene, Total, (ug/l)	<4.4	<4.4	<4.4	<4.4	<4.4	<10.0	<10.0	<100.0	<20.0	--	<10	<20
1,2- Dichlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<100.0	<20.0	--	<10	<20
3,3'- Dichlorobenzidine, Total, (ug/l)	<17.0	<17.0	<17.0	<17.0	<17.0	<20.0	<20.0	<200.0	<40.0	--	<20	<40
2,4- Dichlorophenol, Total, (ug/l)	<2.7	<2.7	<2.7	<2.7	<2.7	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Diethyl Phthalate, Total, (ug/l)	<22.0	<22.0	<22.0	<22.0	<22.0	<10.0	<10.0	<100.0	<20.0	--	<10	<20
2,4- Dimethylphenol, Total, (ug/l)	<2.7	<2.7	<2.7	<2.7	<2.7	<10.0	<10.0	<100.0	<20.0	--	--	--
Dimethyl Phthalate, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<1.6	<10.0	<10.0	<100.0	<20.0	--	<10	<20
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<24.0	<24.0	<24.0	<24.0	<24.0	--	<30.0	<310.0	<60.0	--	<30	<60
2,4- Dinitrophenol, Total, (ug/l)	--	--	--	--	--	--	<50.0	<510.0	<100.0	--	<50	<100
2,4- Dinitrotoluene, Total, (ug/l)	<5.7	<5.7	<5.7	<5.7	<5.7	<10.0	<10.0	<100.0	<20.0	--	<10	<20
2,6- Dinitrotoluene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Di-N-Octyl-Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Fluoranthene, Total, (ug/l)	<2.2	<2.2	<2.2	<2.2	<2.2	<10.0	<10.0	<100.0	<20.0	<10	<10	<20
Fluorene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Hexachlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Hexachlorobutadiene, Total, (ug/l)	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Hexachlorocyclopentadiene, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<100.0	<20.0	--	--	--
Hexachloroethane, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<1.6	<10.0	<10.0	<100.0	<20.0	--	<10	<20

Mesa 3 - Falcon Field												
Sampling Station Identification Number	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**
Date of Sampling	**8/22/92**	**12/4/92**	**12/8/92**	**1/7/93**	**2/8/93**	**8/24/93**	**11/13/93**	**1/25/94**	**2/7/94**	**5/25/94**	**7/17/94**	**8/8/94**
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<3.7	<3.7	<3.7	<3.7	<3.7	<10.0	<10.0	<100.0	<20.0	<10	<10	<20
Isophorone, Total, (ug/l)	<2.2	<2.2	<2.2	<2.2	<2.2	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Naphthalene, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<1.6	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Nitrobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<100.0	<20.0	--	<10	<20
2-Nitrophenol, Total, (ug/l)	<3.6	<3.6	<3.6	<3.6	<3.6	<10.0	<10.0	<100.0	<20.0	--	<10	<20
4-Nitrophenol, Total, (ug/l)	<2.4	<2.4	<2.4	<2.4	<2.4	<10.0	<10.0	<100.0	<20.0	--	<10	<20
N-Nitrosodiphenylamine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0	<20.0	<200	<40.0	--	--	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0	<20.0	<200	<40.0	--	--	<40
Pentachlorophenol, Total, (ug/l)	<3.6	<3.6	<3.6	<3.6	<3.6	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Phenanthrene, Total, (ug/l)	<5.4	<5.4	<5.4	<5.4	<5.4	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Phenol, Total, (ug/l)	<1.5	<1.5	<1.5	<1.5	<1.5	<10.0	<10.0	<100.0	<20.0	--	<10	<20
Pyrene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<100.0	<20.0	<10	<10	<20
1,2,4-Trichlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<10.0	<10.0	<100.0	<20.0	--	<10	<20
2,4,5- Trichlorophenol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	<2.7	<2.7	<2.7	<2.7	<2.7	<10.0	<10.0	<100.0	<20.0	--	<10	<20
N-Nitrosodimethylamine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0	<20.0	<200	<40.0	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	--	<10.0	<20.0	<200.0	<40.0	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	<3.0	<3.0	<3.0	<3.0	<3.0	--	--	--	--	--	--	--

Mesa 3 - Falcon Field												
Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	9/2/94	10/15/94	11/12/94	12/5/94	12/23/94	1/4/95	1/25/95	2/13/95	2/23/95	2/28/95	3/5/95	3/11/95
Agency Collecting Sample	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH
Drainage Area (acres) (DA)	171	171	171	171	171	171	171	171	171	171	171	171
Impervious Area (acres) (IA)	111	111	111	111	111	111	111	111	111	111	111	111
Land Use - Residential	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Commercial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Industrial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Undeveloped	--	--	--	--	--	--	--	--	--	--	--	--
Sampling Duration (minutes)	60	82	432	296	170	198	450	346	600	330	258	346
Storm Duration (minutes) (DRN)	14	UA	616	492	268	166	536	576	440	218	UA	278
Runoff Sampled (cubic feet) (RUN)	50900	44260	102430	59349	73457	68917	148347	137000	122891	126100	139347	126206
Total Storm Runoff (cubic feet)	93900	UA	392800	271200	139300	96150	86200	334000	70000	129500	UA	130200
Instantaneous Discharge (cfs)	25.0	29.8	25.2	7.9	13.1	18.1	9.6	11.6	8.6	13.4	18.3	10.9
Preceeding Dry Period (days) (ANT)	25	43	28	23	18	12	21	19	10	5	5	6
Total Storm Rainfall (inch)	0.32	UA	0.67	0.41	0.23	0.14	0.15	0.34	0.09	0.1	UA	0.13
Rainfall Sampled (inch) (TRN)	0.32	0.38	0.32	0.19	0.2	0.14	0.11	0.19	0.09	0.1	0.3	0.13
Maximum 5-minute rain intensity (MAX5)	3.6	0.6	0.48	0.12	0.12	0.24	0.36	0.48	0.24	0.48	0.12	0.12
Sample Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)	7.05	7.17	7.47	7.4	7.36	7.42	7.27	7.26	7.48	7.36	7.23	7.33
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)	--	190	81	190	81	41	100	76	62	61	46	54
BOD5 (mg/l)	38	55	35	35	75	20	18	--	35	12	17	13
COD High Level (mg/l)	120	260	110	110	150	44	67	130	58	91	63	88
Chloride (mg/l as Cl)	1.4	21	3.7	30	5.4	2.2	3.8	2.4	2.2	2.7	3.3	2.6
Cyanide Total (mg/l as Cn)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fecal Coliform (CFU/100mL)	95000	590	420	--	38	<1	29	--	100	300	140	7
Fecal Streptococci (CFU/100mL)	4500	140	33	--	11	34	4	--	900	17	3	140
Solids Residue at 180 Deg. C (TDS) (mg/l)	100	210	93	160	140	52	84	74	68	83	48	80
Residue, Total at 105 Deg. C (TSS) (mg/l)	640	230	29	25	34	17	20	27	20	52	45	35
Nitrogen No2 + No3, Total (mg/l as N)	1.5	2.2	0.64	0.75	<0.05	<0.50	0.69	0.58	0.64	1.6	<0.50	<0.50
TKN Nitrogen (mg/l as N)	4.4	6.2	2.3	2.4	2.5	0.6	1.7	1	1.7	2.4	1.5	1.7
Nitrogen, Ammonia + Organic, Total (mg/l as N)	4.4	6.2	2.3	2.4	2.5	0.6	1.7	1	1.7	2.4	1.5	1.7
Nitrogen Nitrate Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)	0.86	0.54	0.29	0.26	0.24	0.13	0.53	0.14	0.18	0.41	0.19	0.39

Mesa 3 - Falcon Field

Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	9/2/94	10/15/94	11/12/94	12/5/94	12/23/94	1/4/95	1/25/95	2/13/95	2/23/95	2/28/95	3/5/95	3/11/95
Phosphorous Dissolved (mg/l as P)	0.29	0.41	0.14	0.16	0.19	0.1	0.44	0.12	<0.10	0.26	0.16	0.16
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	--	18	8.7	33	10	6.8	10	8.4	8.7	9.7	6.1	7.2
Hexavalent Chromium Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	<10	20	--	20	30	30	30	<10	--	--	<10	<10
Oil and Grease Total Recoverable (mg/l)	3.9	<5	7.8	5.9	610	4.6	<1.0	--	1.7	1.7	2.3	<1.0
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Whole Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Field (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity LAB (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	--	--	--	--	--	--	--	--	--	--	--	--
Antimony Dissolved (ug/l as Sb)	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Arsenic Dissolved (ug/l as As)	<5	<5	<5	<5	<5	<5	<5	<5	<5	17	<5	<5
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Dissolved (ug/l as Be)	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40
Cadmium Dissolved (ug/l as Cd)	0.6	1.3	0.5	0.9	<0.5	0.5	<0.5	0.5	0.5	1.3	0.5	<0.5
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Chromium Dissolved (ug/l as Cr)	<5	<5	<5	<5	<5	<5	5	13	6	<5	<5	<5
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	90	80	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Copper, Dissolved, (ug/l as Cu)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	140	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Lead, Dissolved, (ug/l as Pb)	<5	<5	<20	28	<5	5	<5	<5	10	12	<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)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Mercury, Dissolved, (ug/l as Hg)	--	--	--	--	--	--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Dissolved, (ug/l as Ni)	--	--	--	--	--	--	--	--	--	--	--	--
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	--	--	--	--	--	--	--	--	--	--	--	--

Mesa 3 - Falcon Field												
Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	9/2/94	10/15/94	11/12/94	12/5/94	12/23/94	1/4/95	1/25/95	2/13/95	2/23/95	2/28/95	3/5/95	3/11/95
Selenium, Dissolved, (ug/l as Se)	--	--	--	--	--	--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	--	--	--	--	--	--	--	--	--	--	--	--
Silver, Dissolved, (ug/l as Ag)	--	--	--	--	--	--	--	--	--	--	--	--
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Dissolved, (ug/l as Tl)	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	630	310	80	130	<50	140	<50	80	90	140	80	100
Zinc, Dissolved, (ug/l as Zn)	110	100	<50	<50	<50	<50	<50	60	60	90	<50	<50
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<1.0	<1	<0.1	<0.1	<0.02	<0.10	<0.01	<0.10	<0.10	<0.10	<0.10	<0.10
BHC - ALPHA, (ug/l)	<0.6	<1	<0.1	<0.05	<0.02	<0.050	<0.01	<0.050	<0.50	<0.050	<0.050	<0.050
BHC - Gamma (Lindane), (ug/l)	<0.5	<1	<0.1	<0.05	<0.02	<0.050	<0.01	<0.050	<0.050	<0.050	<0.050	<0.050
BHC - DELTA, (ug/l)	<0.2	<1	<0.1	<0.4	<0.02	<0.40	<0.01	<0.40	<0.40	<0.40	<0.40	<0.40
Aroclor 1016, PCB, Total, (ug/l)	<2.0	<10	<1.0	<1.0	<0.05	<1.0	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0
Aroclor 1221, PCB, Total, (ug/l)	<50.	<10	<1.0	<1.0	<0.05	<1.0	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0
Aroclor 1232, PCB, Total, (ug/l)	<10.	<10	<1.0	<1.0	<0.05	<1.0	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0
Aroclor 1242, PCB, Total, (ug/l)	<6.0	<10	<1.0	<1.0	<0.05	<1.0	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0
Aroclor 1248, PCB, Total, (ug/l)	<2.0	<10	<1.0	<1.0	<0.05	<1.0	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0
Aroclor 1254, PCB, Total, (ug/l)	<2.0	<10	<1.0	<1.0	<0.05	<1.0	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0
Aroclor 1260, PCB, Total, (ug/L)	<4.0	<10	<1.0	<1.0	<0.05	<1.0	<0.02	<1.0	<1.0	<1.0	<1.0	<1.0
Chlordane, Total, (ug/l)	<1.5	<1	<0.5	<0.5	<0.05	<0.15	<0.02	<0.15	<0.15	<0.15	<0.15	<0.15
P,P' DDD, Total, (ug/l)	<0.1	<1	<0.1	<0.1	<0.02	<0.10	<0.01	<0.10	<0.10	<0.10	<0.10	<0.10
P,P' DDE, Total, (ug/l)	<0.1	<1	<0.1	<0.05	<0.02	<0.050	<0.01	<0.050	<0.050	<0.050	<0.050	<0.050
P, P' DDT, Total, (ug/l)	<1.0	<1	<0.1	<0.1	<0.02	<0.10	<0.01	<0.10	<0.10	<0.10	<0.10	<0.10
Dieldrin, Total, (ug/l)	<0.5	<1	<0.1	<0.1	<0.02	<0.10	<0.01	<0.10	<0.10	<0.10	<0.10	<0.10
Endo-Sulfan Alpha, Total, (ug/l)	<0.4	<1	<0.1	<0.15	<0.02	<0.15	<0.01	<0.15	<0.15	<0.15	<0.15	<0.15
Endo-Sulfan Beta, Total, (ug/l)	<1.0	<1	<0.1	<0.1	<0.02	<0.10	<0.01	<0.10	<0.10	<0.10	<0.10	<0.10
Endo-Sulfan Sulfate, Total, (ug/l)	<0.4	<1	<0.1	<0.75	<0.02	<0.75	<0.01	<0.75	<0.75	<0.75	<0.75	<0.75
Endrin Aldehyde, Total, (ug/l)	<0.6	<1	<0.1	<0.25	<0.05	<0.25	<0.02	<0.25	<0.25	<0.25	<0.25	<0.25
Endrin, Total, (ug/l)	<1.5	<1	<0.1	<0.1	<0.02	<0.10	<0.01	<0.10	<0.10	<0.10	<0.10	<0.10
Heptachlor, Total, (ug/l)	<0.5	<1	<0.1	<0.1	<0.02	<0.10	<0.01	<0.10	<0.10	<0.10	<0.10	<0.10
Heptachlor Epoxide, Total, (ug/l)	<0.5	<1	<0.1	<0.1	<0.02	<0.10	<0.01	<0.10	<0.10	<0.10	<0.10	<0.10

Mesa 3 - Falcon Field												
Sampling Station Identification Number	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**
Date of Sampling	**9/2/94**	**10/15/94**	**11/12/94**	**12/5/94**	**12/23/94**	**1/4/95**	**1/25/95**	**2/13/95**	**2/23/95**	**2/28/95**	**3/5/95**	**3/11/95**
Toxaphene, Total, (ug/l)	<2.5	<1	<1.0	<0.5	<0.05	<0.50	<0.02	<0.50	<0.50	<0.50	<0.50	<0.50
Methoxychlor, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
1,1,1,2-Tetrachloroethane, Total,(ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
1,1,1- Trichloroethane, Total, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
1,1,2- Trichloroethane, Total, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
Trichloroethene, Total, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
1,1- Dichloroethane, Total, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
1,1- Dichloroethene, Total, (ug/l)	<100	<2	--	<5.0	<0.5	<0.5	<0.5	--	<5.0	<5.0	<5.0	<5.0
1,2- Dichloroethane, Total, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
1,2- Dichloropropane, Total, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
2- Chloroethylvinyl Ether, Total, (ug/l)	<250	<2	--	<2.0	--	<5.0	<5.0	--	<2.0	<2.0	<2.0	<2.0
cis-1,3-Dichloropropene, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
trans-1,2- Dichloroethene, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
trans-1,3- Dichloropropene, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
Benzene, Total, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
Bromodichloromethane, Total, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
Bromoform, Total, (ug/l)	<250	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
Carbon Tetrachloride, Total, (ug/l)	<100	<2	--	<5.0	<0.5	<0.5	<0.5	--	<5.0	<5.0	<5.0	<5.0
Chlorobenzene, Total, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
Chloroethane, (ug/l)	<250	<5	--	<5.0	<1	<1.0	<1.0	--	<5.0	<5.0	<5.0	<5.0
Chloroform, Total, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
Ethyl-Benzene, Total, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
Methylene Chloride, Total, (ug/l)	<250	<5	--	<10	<1	<1.0	<1.0	--	<10	<10	<10	<10
Toluene, Total, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
Trichlorofluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride, Total, (ug/l)	<250	<5	--	<5.0	<0.5	<0.5	<0.5	--	<5.0	<5.0	<5.0	<5.0
Chlorodibromomethane, Total, (ug/l)	<100	<2	--	<2.0	<0.5	<0.5	<0.5	--	<2.0	<2.0	<2.0	<2.0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	--	--	--	<5.0	<5.0	<5.0	<5.0
Acetone, Total, (ug/l)	--	--	--	37	--	--	--	--	<10	25	10	28
2-Butanone, (ug/l)	--	--	--	29	--	--	--	--	<10	<10	<10	<10
Carbon Disulfide, Total, (ug/l)	--	--	--	<5.0	--	--	--	--	<5.0	<5.0	<5.0	<5.0
1,2 Dichloroethene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	<100	--	--	<2.0	<1	<1.0	<1.0	--	<2.0	<2.0	<2.0	<2.0
2-Hexanone, Total, (ug/l)	--	--	--	<10	--	--	--	--	<10	<10	<10	<10
Styrene, Total, (ug/l)	--	--	--	<2.0	--	--	--	--	<2.0	<2.0	<2.0	<2.0
Acrolein, Total, (ug/l)	<500	--	--	--	--	<50	<50	--	--	--	--	--
Acrylonitirile, Total, (ug/l)	<500	--	--	--	--	<50	<50	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--

Mesa 3 - Falcon Field												
Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	9/2/94	10/15/94	11/12/94	12/5/94	12/23/94	1/4/95	1/25/95	2/13/95	2/23/95	2/28/95	3/5/95	3/11/95
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Acenaphthylene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Anthracene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Benzidine, Total, (ug/l)	--	<100	--	<100	<100	<20	<20	<110	--	--	<100	<100
Benzoic Acid, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Benzo (a) Anthracene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Benzo (b) Fluoranthene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Benzo (ghi) Perylene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Benzo (a) Pyrene, Total, (ug/l)	<21	<10	<5	<10	<10	<2	<2	<11	--	--	<10	<10
Benzyl Alcohol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	<21	<20	--	<20	130	86	<5	34	--	--	<20	<20
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Butyl Benzyl Phthalate, Total, (ug/l)	<21	<20	--	<20	<10	<2	<2	<21	--	--	<20	<20
2-Chloronapthalene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
2-Chlorophenol, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Chrysene, Total, (ug/l)	<21	<10	<5	<10	<10	<2	<2	<11	--	--	<10	<10
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	<21	<20	--	<20	<10	<2	<2	<21	--	--	<20	<20
Di-N-Butyl Phthalate, Total, (ug/l)	<21	<20	--	<20	<10	<2	<2	<21	--	--	<20	<20
1,3- Dichlorobenzene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
1,4- Dichlorobenzene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
1,2- Dichlorobenzene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
3,3'- Dichlorobenzidine, Total, (ug/l)	<42	<40	--	<40	<10	<5	<5	<42	--	--	<40	<40
2,4- Dichlorophenol, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Diethyl Phthalate, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
2,4- Dimethylphenol, Total, (ug/l)	--	<20	--	<20	<10	<2	<2	<21	--	--	<20	<20
Dimethyl Phthalate, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<63	--	--	<40	--	<5	<5	<42	--	--	<40	<40
2,4- Dinitrophenol, Total, (ug/l)	<110	<100	--	<100	<50	<10	<10	<110	--	--	<100	<100
2,4- Dinitrotoluene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
2,6- Dinitrotoluene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Di-N-Octyl-Phthalate, Total, (ug/l)	<21	<40	--	<40	<10	<2	<2	<42	--	--	<40	<40
Fluoranthene, Total, (ug/l)	<21	<10	<5	<10	<10	<2	<2	<11	--	--	<10	<10
Fluorene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Hexachlorobenzene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Hexachlorobutadiene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Hexachlorocyclopentadiene, Total, (ug/l)	--	<40	--	<40	<10	<2	<2	<42	--	--	<40	<40
Hexachloroethane, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10

Mesa 3 - Falcon Field												
Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	9/2/94	10/15/94	11/12/94	12/5/94	12/23/94	1/4/95	1/25/95	2/13/95	2/23/95	2/28/95	3/5/95	3/11/95
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<21	<20	<1	<20	<10	<2	<2	<21	--	--	<20	<20
Isophorone, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Naphthalene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Nitrobenzene, Total, (ug/l)	<21	<40	--	<40	<10	<2	<2	<42	--	--	<40	<40
2-Nitrophenol, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
4-Nitrophenol, Total, (ug/l)	<21	<100	--	<100	<20	<2	<2	<110	--	--	<100	<100
N-Nitrosodiphenylamine, Total, (ug/l)	--	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<42	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Pentachlorophenol, Total, (ug/l)	<21	<40	--	<40	<20	<5	<5	<42	--	--	<40	<40
Phenanthrene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Phenol, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
Pyrene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
1,2,4-Trichlorobenzene, Total, (ug/l)	<21	<10	--	<10	<10	<2	<2	<11	--	--	<10	<10
2,4,5- Trichlorophenol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	<21	<20	--	<20	<20	<5	<5	<21	--	--	<20	<20
N-Nitrosodimethylamine, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	--	<1000	--	--	<10	<2	<2	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--

Mesa 3 - Falcon Field												
Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	5/7/95	7/11/95	8/14/95	8/19/95	8/24/95	9/7/95	9/28/95	11/1/95	2/1/96	2/26/96	3/13/96	7/9/96
Agency Collecting Sample	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	DEL MAR	DEL MAR	DEL MAR	BOLIN
Drainage Area (acres) (DA)	171	171	171	171	171	171	171	171	171	171	171	171
Impervious Area (acres) (IA)	111	111	111	111	111	111	111	111	111	111	111	111
Land Use - Residential	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Commercial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Industrial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Undeveloped	--	--	--	--	--	--	--	--	--	--	--	--
Sampling Duration (minutes)	268	268	100	116	162	318	248	168	480	136	233	645
Storm Duration (minutes) (DRN)	250	6	94	172	30	226	422	272	UA	306	373	211
Runoff Sampled (cubic feet) (RUN)	128335	132037	193137	220071	155789	141420	175620	174110	171435	159309	140840	128000
Total Storm Runoff (cubic feet)	193285	151500	286200	503500	260000	217400	439500	460275	UA	310600	260500	135000
Instantaneous Discharge (cfs)	11.9	15.3	56.7	56.9	25.4	10.6	56.4	46.9	13.9	32.3	18.5	17.0
Preceeding Dry Period (days) (ANT)	17	65	34	5	4	14	21	34	86	25	16	118
Total Storm Rainfall (inch)	0.2	0.07	0.44	0.67	0.11	0.18	0.68	0.9	UA	0.2	0.13	0.14
Rainfall Sampled (inch) (TRN)	0.2	0.07	0.44	0.58	0.11	0.18	0.52	0.64	0.15	0.17	0.12	0.14
Maximum 5-minute rain intensity (MAX5)	0.36	0.72	2.64	2.04	0.24	0.12	1.32	0.84	0.12	0.48	0.24	0.84
Sample Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)	--	6.17	8.13	7.45	8.22	7.22	8.13	7.09	7.7	8	8.4	6.9
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	190	78	160	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	9	5.7	1.9
Electrical Conductivity (umhos/cm)	--	220	140	100	140	110	130	150	--	--	--	286
BOD5 (mg/l)	43	84	87	<5	35	89	61	99	28	31	159	447
COD High Level (mg/l)	--	490	130	110	94	76	60	90	130	63	130	413
Chloride (mg/l as Cl)	--	17	5	2.6	2.9	5	5.5	4.2	8	2.9	6.1	9
Cyanide Total (mg/l as Cn)	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	<0.025	<0.025	<0.02
Fecal Coliform (CFU/100mL)	<1	11000	1500	830	270	2800	1300	--	--	2800	50	--
Fecal Streptococci (CFU/100mL)	27	24000	30	17	11	31	34	--	--	3000	1600	>1600
Solids Residue at 180 Deg. C (TDS) (mg/l)	--	250	230	100	150	130	120	170	200	96	190	396
Residue, Total at 105 Deg. C (TSS) (mg/l)	--	140	260	810	410	44	180	230	200	110	24	92
Nitrogen No2 + No3, Total (mg/l as N)	--	1.7	1.2	0.85	2	0.97	0.65	0.94	1.9	0.43	0.43	<0.1
TKN Nitrogen (mg/l as N)	--	9.3	1.3	2.2	3.9	2.3	2.5	2.5	2.8	7.8	<0.50	6.93
Nitrogen, Ammonia + Organic, Total (mg/l as N)	--	9.3	1.8	2.2	3.9	2.3	2.5	2.5	2.5	7.6	0.78	6.93
Nitrogen Nitrate Total (mg/l as N)	--	--	1.2	0.85	2	0.92	0.65	0.94	1.9	0.43	0.43	<0.05
Nitrogen Nitrite Total (mg/l as N)	--	--	<0.05	<0.05	<0.05	0.05	<0.05	<0.05	<0.15	<0.15	<0.10	<0.1
Nitrogen Ammonia Total (mg/l as N)	--	--	1.8	0.6	1.8	0.3	1.6	1.6	1.6	1.1	0.78	3.37
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	0.9	0.9	6.5	ND	3.56
Phosphorous Total (mg/l as P)	--	0.98	0.58	1.2	0.59	0.2	0.66	0.13	--	0.19	0.18	1.3

Mesa 3 - Falcon Field

Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	5/7/95	7/11/95	8/14/95	8/19/95	8/24/95	9/7/95	9/28/95	11/1/95	2/1/96	2/26/96	3/13/96	7/9/96
Phosphorous Dissolved (mg/l as P)	--	0.65	0.85	0.25	0.4	0.15	0.4	<0.10	--	0.17	0.086	0.45
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	--	42	12	5.9	12	14	10	25	19	4.6	15	39
Hexavalent Chromium Total (mg/l)	--	--	--	--	--	--	--	--	--	<0.025	<0.025	<0.005
Phenols Total Recoverable (ug/l)	20	30	<10	<10	<10	10	<10	<10	--	<100	<10	<5
Oil and Grease Total Recoverable (mg/l)	3	3.1	77	1200	<1	1	<1	4.7	1	<1.0	9.4	<5.0
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	15	43	126
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)	--	--	--	--	--	--	--	--	--	23	40	54
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	38	67	145
Antimony (ug/l as Sb)	--	--	--	--	--	--	--	--	--	<50	<50	<5
Antimony Dissolved (ug/l as Sb)	--	--	--	--	--	--	--	--	--	<50	<50	<5
Arsenic Total (ug/l as As)	<50	<500	<50	<50	<30	<30	<30	<30	--	<10	<10	<5
Arsenic Dissolved (ug/l as As)	<5	<5	7	<5	30	<20	<50	<30	--	<10	<10	<5
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	--	--	--	--	--	--	--	--	--	<5	<5	<2
Beryllium Dissolved (ug/l as Be)	--	--	--	--	--	--	--	--	--	<5	<4	<2
Cadmium Total Recoverable (ug/l as Cd)	<40	<40	<40	<40	<4	<4	<4	<3	--	<5	<5	<4
Cadmium Dissolved (ug/l as Cd)	1.1	4.4	<0.5	<0.5	<1	1	<1	<3	--	<5	<5	<4
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	<50	<50	<50	<50	11	<7	13	15	--	<5	6.6	16
Chromium Dissolved (ug/l as Cr)	7	<5	<5	<5	<2	4	2	6	--	<5	<5	14
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	<50	<50	60	60	40	10	24	<50	--	<50	<50	38
Copper, Dissolved, (ug/l as Cu)	<50	<50	<50	<50	<2	<2	5	<50	--	<50	<50	29
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	<50	<50	<50	<50	<10	10	<10	<23	--	27	<10	20
Lead, Dissolved, (ug/l as Pb)	<5	12	<50	<5	22	23	<13	<23	--	<5	<10	14
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)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	<0.2	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)	--	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	--	--	--	--	--	--	--	--	--	<50	<50	40
Nickel, Dissolved, (ug/l as Ni)	--	--	--	--	--	--	--	--	--	<50	<50	40
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	--	--	--	--	--	--	--	--	--	<20	<20	<5

Mesa 3 - Falcon Field												
Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	5/7/95	7/11/95	8/14/95	8/19/95	8/24/95	9/7/95	9/28/95	11/1/95	2/1/96	2/26/96	3/13/96	7/9/96
Selenium, Dissolved, (ug/l as Se)	--	--	--	--	--	--	--	--	--	<20	<20	<5
Silver, Total Recoverable, (ug/l as Ag)	--	--	--	--	--	--	--	--	--	<5	<10	<50
Silver, Dissolved, (ug/l as Ag)	--	--	--	--	--	--	--	--	--	<5	<10	<50
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	--	--	--	--	--	--	--	--	--	<20	<50	<1
Thallium, Dissolved, (ug/l as Tl)	--	--	--	--	--	--	--	--	--	<20	<50	<2
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	<50	460	<660	<660	<660	<660	<660	540	--	80	58	180
Zinc, Dissolved, (ug/l as Zn)	60	110	<50	<50	16	150	<5	370	--	<50	<50	140
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<0.02	<0.10	<0.10	--	<0.10	<0.10	<0.10	<1.0	--	<0.10	<0.10	<0.5
BHC - ALPHA, (ug/l)	<0.02	<0.050	<0.050	--	<0.050	<0.050	<0.050	<0.6	--	<0.05	<0.05	<0.5
BHC - Gamma (Lindane), (ug/l)	<0.02	<0.40	<0.40	--	<0.40	<0.40	<0.40	<0.5	--	<0.05	<0.05	<0.5
BHC - DELTA, (ug/l)	<0.02	<0.050	<0.050	--	<0.050	<0.050	<0.050	<0.2	--	<0.40	<0.40	<0.5
Aroclor 1016, PCB, Total, (ug/l)	<1	<1.0	<1.0	--	<1.0	<1.0	<1.0	<2.0	--	<1.0	<1.0	<0.5
Aroclor 1221, PCB, Total, (ug/l)	<1	<1.0	<1.0	--	<1.0	<1.0	<1.0	<50	--	<1.0	<1.0	<0.5
Aroclor 1232, PCB, Total, (ug/l)	<1	<1.0	<1.0	--	<1.0	<1.0	<1.0	<10	--	<1.0	<1.0	<0.5
Aroclor 1242, PCB, Total, (ug/l)	<1	<1.0	<1.0	--	<1.0	<1.0	<1.0	<6.0	--	<1.0	<1.0	<0.5
Aroclor 1248, PCB, Total, (ug/l)	<1	<1.0	<1.0	--	<1.0	<1.0	<1.0	<2.0	--	<1.0	<1.0	<0.5
Aroclor 1254, PCB, Total, (ug/l)	<1	<1.0	<1.0	--	<1.0	<1.0	<1.0	<2.0	--	<1.0	<1.0	<0.5
Aroclor 1260, PCB, Total, (ug/L)	<1	<1.0	<1.0	--	<1.0	<1.0	<1.0	<4.0	--	<1.0	<1.0	<0.5
Chlordane, Total, (ug/l)	<0.05	<0.15	<0.15	--	<0.15	<0.15	<0.15	<1.5	--	<0.15	<0.15	<0.5
P,P' DDD, Total, (ug/l)	<0.02	<0.10	<0.10	--	<0.10	<0.10	<0.10	<0.1	--	<0.10	<0.10	<0.5
P,P' DDE, Total, (ug/l)	<0.02	0.06	0.17	--	0.18	<0.050	0.06	<0.2	--	<0.05	<0.05	<0.5
P, P' DDT, Total, (ug/l)	<0.02	<0.10	<0.10	--	<0.10	<0.10	<0.10	<1.0	--	<0.10	<0.10	<0.5
Dieldrin, Total, (ug/l)	<0.02	<0.10	<0.10	--	<0.10	<0.10	<0.10	<0.5	--	<0.10	<0.10	<0.5
Endo-Sulfan Alpha, Total, (ug/l)	<0.02	<0.15	<0.15	--	<0.15	<0.15	<0.15	<0.4	--	<0.15	<0.15	<0.5
Endo-Sulfan Beta, Total, (ug/l)	<0.02	<0.10	<0.10	--	<0.10	<0.10	<0.10	<1.0	--	<0.10	<0.10	<0.5
Endo-Sulfan Sulfate, Total, (ug/l)	<0.02	<0.75	<0.75	--	<0.75	<0.75	<0.75	<0.4	--	<0.75	<0.75	<0.5
Endrin Aldehyde, Total, (ug/l)	<0.05	<0.25	<0.25	--	<0.25	<0.25	<0.25	<0.6	--	<0.25	<0.25	<0.5
Endrin, Total, (ug/l)	<0.02	<0.10	<0.10	--	<0.10	<0.10	<0.10	<1.5	--	<0.10	<0.10	<0.1
Heptachlor, Total, (ug/l)	<0.02	<0.10	<0.10	--	<0.10	<0.10	<0.10	<0.5	--	<0.10	<0.10	<0.5
Heptachlor Epoxide, Total, (ug/l)	<0.02	<0.10	<0.10	--	<0.10	<0.10	<0.10	<0.5	--	<0.10	<0.10	<0.5

Mesa 3 - Falcon Field												
Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	5/7/95	7/11/95	8/14/95	8/19/95	8/24/95	9/7/95	9/28/95	11/1/95	2/1/96	2/26/96	3/13/96	7/9/96
Toxaphene, Total, (ug/l)	<0.05	<0.50	<0.50	--	<0.50	<0.50	<0.50	<2.5	--	<0.50	<0.50	<0.5
Methoxychlor, Total, (ug/l)	<0.02	<10	<10	--	<10	<10	<10	--	--	<10	<10	--
Beta Benzene Hexachloride, Total, (ug/l)	--	<0.050	<0.050	--	<0.050	<0.050	<0.050	<0.3	--	<0.05	<0.050	<0.5
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
1,1,1,2-Tetrachloroethane, Total,(ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	2.3	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
1,1,1- Trichloroethane, Total, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
1,1,2- Trichloroethane, Total, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
Trichloroethene, Total, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
1,1- Dichloroethane, Total, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
1,1- Dichloroethene, Total, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
1,2- Dichloroethane, Total, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
1,2- Dichloropropane, Total, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
2- Chloroethylvinyl Ether, Total, (ug/l)	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<2
cis-1,3-Dichloropropene, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
trans-1,2- Dichloroethene, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
trans-1,3- Dichloropropene, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
Benzene, Total, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
Bromodichloromethane, Total, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
Bromoform, Total, (ug/l)	<0.5	--	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<2
Carbon Tetrachloride, Total, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<5.0	<5.0	<5.0	<2
Chlorobenzene, Total, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
Chloroethane, (ug/l)	<1.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<5
Chloroform, Total, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
Ethyl-Benzene, Total, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
Methylene Chloride, Total, (ug/l)	<1.0	--	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	--
Toluene, Total, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
Trichlorofluoromethane, Total, (ug/l)	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<5
Vinyl Chloride, Total, (ug/l)	<0.5	--	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<5
Chlorodibromomethane, Total, (ug/l)	<0.5	--	<2.0	<2.0	<2.0	<2.0	<2.0	<10.0	<2.0	<2.0	<2.0	<2
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0	--
Acetone, Total, (ug/l)	--	--	--	--	--	--	--	--	16	29	88	<10
2-Butanone, (ug/l)	--	--	--	--	--	--	--	--	<10	<10	25	<10
Carbon Disulfide, Total, (ug/l)	--	--	--	--	--	--	--	--	<5.0	<5.0	<5.0	<10
1,2 Dichloroethene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	<2
Xylenes, Total, (ug/l)	<1.0	--	--	--	--	--	--	--	<2.0	<2.0	<2.0	<2
2-Hexanone, Total, (ug/l)	--	--	--	--	--	--	--	--	<10	<10	<10	<10
Styrene, Total, (ug/l)	--	--	--	--	--	--	--	--	<2.0	<2.0	<2.0	<2
Acrolein, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	<10
Acrylonitirile, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	<10
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	<2
Methyl Bromide, Total, (ug/l)	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<5
Methyl Chloride, Total, (ug/l)	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<25.0	<5.0	<5.0	<5.0	<5

Mesa 3 - Falcon Field												
Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	5/7/95	7/11/95	8/14/95	8/19/95	8/24/95	9/7/95	9/28/95	11/1/95	2/1/96	2/26/96	3/13/96	7/9/96
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Acenaphthylene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Anthracene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Benzidine, Total, (ug/l)	<20	<100	<100	<100	<100	<100	<100	<100	--	--	<100	<50
Benzoic Acid, Total, (ug/l)	<5	<100	<100	<100	<100	<100	<100	<100	--	--	<100	<5
Benzo (a) Anthracene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Benzo (b) Fluoranthene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<5
Benzo (k) Fluoranthene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<5
Benzo (ghi) Perylene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Benzo (a) Pyrene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Benzyl Alcohol, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<20	<3
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	20	<20	<20	<20	22	43	<20	<20	--	--	150	40
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Butyl Benzyl Phthalate, Total, (ug/l)	<2	<20	<20	<20	<20	<20	<20	<20	--	--	<20	<5
2-Chloronapthalene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
2-Chlorophenol, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Chrysene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	<2	<20	<20	<20	<20	<20	<20	<20	--	--	<20	<5
Di-N-Butyl Phthalate, Total, (ug/l)	<2	<20	<20	<20	<20	<20	<20	<20	--	--	<20	<3
1,3- Dichlorobenzene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
1,4- Dichlorobenzene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<5
1,2- Dichlorobenzene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
3,3'- Dichlorobenzidine, Total, (ug/l)	<5	<40	<40	<40	<40	<40	<40	<40	--	--	<40	<5
2,4- Dichlorophenol, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Diethyl Phthalate, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
2,4- Dimethylphenol, Total, (ug/l)	<2	<20	<20	<20	<20	<20	<20	<20	--	--	<20	<5
Dimethyl Phthalate, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<5	<40	<40	<40	<40	<40	<40	<40	--	--	<40	<5
2,4- Dinitrophenol, Total, (ug/l)	<2	<100	<100	<100	<100	<100	<100	<100	--	--	<100	<10
2,4- Dinitrotoluene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<5
2,6- Dinitrotoluene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<5
Di-N-Octyl-Phthalate, Total, (ug/l)	<2	<40	<40	<40	<40	<40	<40	<40	--	--	<40	<5
Fluoranthene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Fluorene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Hexachlorobenzene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Hexachlorobutadiene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Hexachlorocyclopentadiene, Total, (ug/l)	<2	<40	<40	<40	<40	<40	<40	<40	--	--	<40	<10
Hexachloroethane, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3

Mesa 3 - Falcon Field												
Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	5/7/95	7/11/95	8/14/95	8/19/95	8/24/95	9/7/95	9/28/95	11/1/95	2/1/96	2/26/96	3/13/96	7/9/96
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<2	<20	<20	<20	<20	<20	<20	<20	--	--	<20	<5
Isophorone, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Naphthalene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Nitrobenzene, Total, (ug/l)	<2	<40	<40	<40	<40	<40	<40	<40	--	--	<40	<3
2-Nitrophenol, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<5
4-Nitrophenol, Total, (ug/l)	<2	<100	<100	<100	<100	<100	<100	<100	--	--	<100	<5
N-Nitrosodiphenylamine, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Pentachlorophenol, Total, (ug/l)	<2	<40	<40	<40	<40	<40	<40	<40	--	--	<40	<5
Phenanthrene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Phenol, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
Pyrene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
1,2,4-Trichlorobenzene, Total, (ug/l)	<2	<10	<10	<10	<10	<10	<10	<10	--	--	<10	<3
2,4,5- Trichlorophenol, Total, (ug/l)	<2	<20	<20	<20	<20	<20	<20	<20	--	--	<20	<3
2,4,6- Trichlorophenol, Total, (ug/l)	<2	<20	<20	<20	<20	<20	<20	<20	--	--	<20	<3
N-Nitrosodimethylamine, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	<10	<5
1,2- Diphenylhydrazine, Total, (ug/l)	<2	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--

Mesa 3 - Falcon Field								
Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	7/25/96	8/27/96	9/2/96	9/24/96	1/13/97	1/26/97	2/27/97	4/3/97
Agency Collecting Sample	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN
Drainage Area (acres) (DA)	171	171	171	171	171	171	171	171
Impervious Area (acres) (IA)	111	111	111	111	111	111	111	111
Land Use - Residential	--	--	--	--	--	--	--	--
Land Use - Commercial	--	--	--	--	--	--	--	--
Land Use - Industrial	--	--	--	--	--	--	--	--
Land Use - Undeveloped	--	--	--	--	--	--	--	--
Sampling Duration (minutes)	200	745	93	332	325	283	183	205
Storm Duration (minutes) (DRN)	266	7	290	38	628	523	UA	87
Runoff Sampled (cubic feet) (RUN)	141450	124000	213000	153000	164000	142000	201500	134100
Total Storm Runoff (cubic feet)	233750	124000	563000	81000	507000	414600	UA	272800
Instantaneous Discharge (cfs)	19.3	15.3	56.8	16.5	32.8	15.5	57.2	19.1
Preceeding Dry Period (days) (ANT)	16	33	5	22	45	13	31	35
Total Storm Rainfall (inch)	0.42	0.27	2.11	0.05	0.44	0.17	UA	0.09
Rainfall Sampled (inch) (TRN)	0.36	0.27	1.42	0.05	0.33	0.13	0.43	0.09
Maximum 5-minute rain intensity (MAX5)	0.96	3.24	5.64	0.12	0.36	0.12	1.44	0.24
Sample Temperature (deg. C)	NM	NM	NM	NM	NM	13.7	11.7	NM
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	NM	NM	NM	NM	NM	7.6	NM	NM
pH, Lab (standard units)	6.5	4.1	7.5	4.8	7	7.1	6.4	6.7
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	7.84	7.75	6.6	7.6	7.3	10.5	10.1	9.17
Electrical Conductivity (umhos/cm)	168	609	1676	180	52	80	125	191
BOD5 (mg/l)	77	--	26	121	83	101	8	71
COD High Level (mg/l)	258	797	126	288	37	108	58	353
Chloride (mg/l as Cl)	5	13	--	9	<5.0	19	<5.0	10
Cyanide Total (mg/l as Cn)	--	<0.02	--	<0.02	<0.01	<0.01	<0.01	<0.01
Fecal Coliform (CFU/100mL)	16000	50000	90000	9000	>160000	160000	90000	5000
Fecal Streptococci (CFU/100mL)	5000	30000	>1600	3000	280	300	50	1600
Solids Residue at 180 Deg. C (TDS) (mg/l)	223	930	250	246	83	40	79	154
Residue, Total at 105 Deg. C (TSS) (mg/l)	72	64	56	20	48	5	308	28
Nitrogen No2 + No3, Total (mg/l as N)	2.25	3.3	1.5	1.3	0.28	0.42	0.64	1.61
TKN Nitrogen (mg/l as N)	5.34	18.8	4.8	5.6	2.3	7.16	2.3	3.62
Nitrogen, Ammonia + Organic, Total (mg/l as N)	5.34	18.8	4.8	5.6	2.3	7.16	2.3	3.62
Nitrogen Nitrate Total (mg/l as N)	2.25	3.3	1.5	1.3	0.28	0.42	0.64	1.5
Nitrogen Nitrite Total (mg/l as N)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.01	0.11
Nitrogen Ammonia Total (mg/l as N)	3.04	12.1	1.7	2.8	1.64	1.49	2.19	1.67
Nitrogen Organic Total (mg/l as N)	2.3	6.7	3.1	2.8	0.66	5.67	0.11	1.95
Phosphorous Total (mg/l as P)	3.8	0.56	0.6	0.25	0.13	0.25	0.39	5.7

Mesa 3 - Falcon Field								
Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	7/25/96	8/27/96	9/2/96	9/24/96	1/13/97	1/26/97	2/27/97	4/3/97
Phosphorous Dissolved (mg/l as P)	0.29	0.49	0.49	0.24	0.28	--	0.075	0.47
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	21	196	--	28	<5.0	12	26	19
Hexavalent Chromium Total (mg/l)	<0.005	<0.01	<0.005	<0.01	<0.010	<0.010	<0.010	0.011
Phenols Total Recoverable (ug/l)	6	40	7	40	--	--	6	13
Oil and Grease Total Recoverable (mg/l)	<5	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0
Organic Carbon, Total (mg/l)	71	247	35	94	27	58	14.4	91
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)	22	<2	<2	<2	17	20	12	32
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--
Hardness (mg/l)	60.7	248	40	58	24	29	53	89
Antimony (ug/l as Sb)	<5	<5	<5	<5	<5	<5	<5	<5
Antimony Dissolved (ug/l as Sb)	<5	<5	<5	<5	<5	<5	<5	<5
Arsenic Total (ug/l as As)	<5	6	<5	<5	<5	<5	<5	<5
Arsenic Dissolved (ug/l as As)	<5	<5	<5	<5	<5	<5	<5	<5
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	<2	<2	<2	<2	<2	<2	<2	<2
Beryllium Dissolved (ug/l as Be)	<2	<2	7	<2	<2	<2	<2	<2
Cadmium Total Recoverable (ug/l as Cd)	<4	8	<4	<4	8	<4	<4	<4
Cadmium Dissolved (ug/l as Cd)	<4	6	9	<4	<4	<4	<4	<4
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	10	23	<5	6	<5	<5	6	18
Chromium Dissolved (ug/l as Cr)	6	20	8	12	6	<5	<5	14
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	25	59	21	<15	<15	<15	35	24
Copper, Dissolved, (ug/l as Cu)	19	43	<10	<10	<15	<5	<20	<20
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	13	54	6	9	11	6	32	12
Lead, Dissolved, (ug/l as Pb)	5	54	<5	10	6	6	20	<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)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	30	162	<20	20	20	30	<20	<20
Nickel, Dissolved, (ug/l as Ni)	20	144	<20	<20	20	30	<20	20
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	<5	<5	<5	<5	<5	<5	<5	<5

Mesa 3 - Falcon Field								
Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	7/25/96	8/27/96	9/2/96	9/24/96	1/13/97	1/26/97	2/27/97	4/3/97
Selenium, Dissolved, (ug/l as Se)	<5	<5	<5	<5	<5	<5	<5	<5
Silver, Total Recoverable, (ug/l as Ag)	<50	<50	<50	<50	<50	<50	<50	<50
Silver, Dissolved, (ug/l as Ag)	<50	<50	<50	<50	<50	<50	<50	<50
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	<1	<1	<1	<1	<1	<1	<1	<1
Thallium, Dissolved, (ug/l as Tl)	<1	<1	<1	<1	<1	<1	<1	<1
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	130	910	160	280	80	45	170	130
Zinc, Dissolved, (ug/l as Zn)	110	980	310	320	30	40	160	110
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BHC - ALPHA, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BHC - Gamma (Lindane), (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BHC - DELTA, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1016, PCB, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1221, PCB, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1232, PCB, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1242, PCB, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1248, PCB, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1254, PCB, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1260, PCB, Total, (ug/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6
Chlordane, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
P,P' DDD, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
P,P' DDE, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
P, P' DDT, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dieldrin, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Endo-Sulfan Alpha, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Endo-Sulfan Beta, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Endo-Sulfan Sulfate, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Endrin Aldehyde, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Endrin, Total, (ug/l)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Heptachlor Epoxide, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Mesa 3 - Falcon Field								
Sampling Station Identification Number	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**	**MESA_3**
Date of Sampling	**7/25/96**	**8/27/96**	**9/2/96**	**9/24/96**	**1/13/97**	**1/26/97**	**2/27/97**	**4/3/97**
Toxaphene, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methoxychlor, Total, (ug/l)	--	--	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
1,1,1,2-Tetrachloroethane, Total,(ug/l)	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
1,1,1- Trichloroethane, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
1,1,2- Trichloroethane, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
Trichloroethene, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
1,1- Dichloroethane, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
1,1- Dichloroethene, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
1,2- Dichloroethane, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
1,2- Dichloropropane, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
2- Chloroethylvinyl Ether, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
cis-1,3-Dichloropropene, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
trans-1,2- Dichloroethene, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
trans-1,3- Dichloropropene, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
Benzene, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
Bromodichloromethane, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
Bromoform, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
Chlorobenzene, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
Chloroethane, (ug/l)	<5	<5	<5	<5	<5	<5	<5	<5
Chloroform, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
Ethyl-Benzene, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
Methylene Chloride, Total, (ug/l)	--	--	--	--	--	--	--	--
Toluene, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
Trichlorofluoromethane, Total, (ug/l)	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride, Total, (ug/l)	<5	<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	--	--	--
Acetone, Total, (ug/l)	<10	61	<10	<10	<10	<10	<10	<10
2-Butanone, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10
Carbon Disulfide, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10
1,2 Dichloroethene, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
Xylenes, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
2-Hexanone, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10
Styrene, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
Acrolein, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10
Acrylonitirile, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	<2	<2	<2	<2	<2	<2	<2	<2
Methyl Bromide, Total, (ug/l)	<5	<5	<5	<5	<5	<5	<5	<5
Methyl Chloride, Total, (ug/l)	<5	<5	<5	<5	<5	<5	<5	<5

Mesa 3 - Falcon Field								
Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	7/25/96	8/27/96	9/2/96	9/24/96	1/13/97	1/26/97	2/27/97	4/3/97
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Acenaphthylene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Anthracene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Benzidine, Total, (ug/l)	<50	<10	<50	<50	<50	<10	<50	<50
Benzoic Acid, Total, (ug/l)	21	68	67	36	7.4	<10	<5.0	<5.0
Benzo (a) Anthracene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Benzo (b) Fluoranthene, Total, (ug/l)	<5	<10	<5	<5	<5.0	<10	<5.0	<5.0
Benzo (k) Fluoranthene, Total, (ug/l)	<5	<10	<5	<5	<5.0	<10	<5.0	<5.0
Benzo (ghi) Perylene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Benzo (a) Pyrene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Benzyl Alcohol, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	36	31	130	14	10	<10	4.2	13
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Butyl Benzyl Phthalate, Total, (ug/l)	<5	<10	<5	<5	<5.0	<10	<5.0	<5.0
2-Chloronapthalene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
2-Chlorophenol, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Chrysene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	<5	<10	<5	<5	<5.0	<10	<5.0	<5.0
Di-N-Butyl Phthalate, Total, (ug/l)	<3	<6	4.2	4.2	<3.0	10	<3.0	<3.0
1,3- Dichlorobenzene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
1,4- Dichlorobenzene, Total, (ug/l)	<5	<10	<5	<5	<3.0	<10	<3.0	<3.0
1,2- Dichlorobenzene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
3,3'- Dichlorobenzidine, Total, (ug/l)	<5	<10	<5	<5	<5.0	<10	<5.0	<5.0
2,4- Dichlorophenol, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Diethyl Phthalate, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
2,4- Dimethylphenol, Total, (ug/l)	<5	<10	<5	<5	<5.0	<10	<5.0	<5.0
Dimethyl Phthalate, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<5	<10	<5	<5	<5.0	<10	<5.0	<5.0
2,4- Dinitrophenol, Total, (ug/l)	<10	<20	<10	<10	<10	<10	<10	<10
2,4- Dinitrotoluene, Total, (ug/l)	<5	<10	<5	<5	<5.0	<10	<5.0	<5.0
2,6- Dinitrotoluene, Total, (ug/l)	<5	<10	<5	<5	<5.0	<10	<5.0	<5.0
Di-N-Octyl-Phthalate, Total, (ug/l)	<5	<10	<5	<5	<5.0	<10	<5.0	<5.0
Fluoranthene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Fluorene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Hexachlorobenzene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Hexachlorobutadiene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Hexachlorocyclopentadiene, Total, (ug/l)	<10	<20	<10	<10	<10	<10	<10	<10
Hexachloroethane, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0

Mesa 3 - Falcon Field								
Sampling Station Identification Number	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3	MESA_3
Date of Sampling	7/25/96	8/27/96	9/2/96	9/24/96	1/13/97	1/26/97	2/27/97	4/3/97
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<5	<10	<5	<5	<5.0	<10	<5.0	<5.0
Isophorone, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Naphthalene, Total, (ug/l)	<3	<6	<3	<3	<3.0	17	<3.0	<3.0
Nitrobenzene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
2-Nitrophenol, Total, (ug/l)	<5	<10	<5	<5	<5.0	<10	<5.0	<5.0
4-Nitrophenol, Total, (ug/l)	<5	<10	<5	<5	<5.0	<10	<5.0	<5.0
N-Nitrosodiphenylamine, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Pentachlorophenol, Total, (ug/l)	<5	<10	<5	<5	<5.0	<10	<5.0	<5.0
Phenanthrene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Phenol, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
Pyrene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
1,2,4-Trichlorobenzene, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
2,4,5- Trichlorophenol, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
2,4,6- Trichlorophenol, Total, (ug/l)	<3	<6	<3	<3	<3.0	<10	<3.0	<3.0
N-Nitrosodimethylamine, Total, (ug/l)	<5	<10	<5	<5	--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--

Mesa 4
Horne and Grandview

Mesa 4 - Horne and Grandview												
Sampling Station Identification Number	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4
Date of Sampling	10/28/92	12/4/92	12/5/92	12/8/92	12/9/92	1/6/93	2/8/93	2/10/93	8/24/93	10/6/93	2/7/94	3/7/94
Agency Collecting Sample	Mesa	Mesa	Mesa	Mesa	Mesa	Mesa	Mesa	Mesa	FCD	FCD	FCD	FCD
Agency Analyzing Sample	ATL	ATL	ATL	ATL	ATL	ATL	ATL	ATL	WTI	WTI	WTI	WTI
Drainage Area (acres) (DA)	113	113	113	113	113	113	113	113	113	113	113	113
Impervious Area (acres) (IA)	58	58	58	58	58	58	58	58	58	58	58	58
Land Use - Residential	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Commercial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Industrial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Undeveloped	--	--	--	--	--	--	--	--	--	--	--	--
Sampling Duration (minutes)	UA	UA	UA	UA	UA	UA	UA	UA	UA	110	202	1180
Storm Duration (minutes) (DRN)	UA	UA	UA	UA	UA	UA	UA	UA	UA	UA	230	444
Runoff Sampled (cubic feet) (RUN)	UA	UA	UA	UA	UA	UA	UA	UA	UA	157120	32000	22160
Total Storm Runoff (cubic feet)	UA	UA	UA	UA	UA	UA	UA	UA	UA	UA	34100	22275
Instantaneous Discharge (cfs)	18.8	12.4	13.5	UA	UA	5.4	55.4	UA	UA	74.3	4.9	2.5
Preceeding Dry Period (days) (ANT)	UA	37	1	3	1	28	33	2	195	43	13	28
Total Storm Rainfall (inch)	UA	UA	UA	UA	UA	UA	UA	UA	UA	UA	0.22	0.21
Rainfall Sampled (inch) (TRN)	UA	UA	UA	UA	UA	UA	UA	UA	UA	0.72	0.21	0.21
Maximum 5-minute rain intensity (MAX5)	UA	UA	UA	UA	UA	UA	UA	UA	UA	UA	0.24	0.24
Sample Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)	6.4	6.5	6.6	6.9	6.7	7.1	6.5	6.8	7.61	8.04	7.54	7.54
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)	--	--	--	--	--	--	--	--	--	82	--	--
BOD5 (mg/l)	13	8	6	7	5	7	8	--	13	16	11	93
COD High Level (mg/l)	100	51	47	40	26	71	89	85	--	70	24	160
Chloride (mg/l as Cl)	--	--	--	--	--	--	--	--	--	4.2	1.7	8.9
Cyanide Total (mg/l as Cn)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	<0.01	<0.01	<0.01
Fecal Coliform (CFU/100mL)	16000	5000	9000	2400	1700	250	2400	500	>16	--	4000	15
Fecal Streptococci (CFU/100mL)	30000	22000	17000	30000	5000	9000	11000	1100	>16	--	70	3.3
Solids Residue at 180 Deg. C (TDS) (mg/l)	81	56	77	160	88	73	65	39	--	92	47	140
Residue, Total at 105 Deg. C (TSS) (mg/l)	110	20	17	20	10	49	28	6	--	120	32	140
Nitrogen No2 + No3, Total (mg/l as N)	0.5	0.32	0.21	0.45	0.21	0.54	0.75	--	--	0.58	<0.5	1.6
TKN Nitrogen (mg/l as N)	2	1.3	1.1	2.4	1	1.1	1.4	0.6	--	2.6	1.8	3.3
Nitrogen, Ammonia + Organic, Total (mg/l as N)	0.9	0.8	0.6	0.5	0.2	0.4	0.8	0.2	--	--	1.8	3.3
Nitrogen Nitrate Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)	--	0.21	0.22	0.16	0.094	0.13	0.16	0.088	--	0.34	0.3	0.45
Phosphorous Dissolved (mg/l as P)	0.29	--	--	--	--	--	0.0112	0.064	--	0.26	0.21	0.28

Mesa 4 - Horne and Grandview

Sampling Station Identification Number	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4
Date of Sampling	10/28/92	12/4/92	12/5/92	12/8/92	12/9/92	1/6/93	2/8/93	2/10/93	8/24/93	10/6/93	2/7/94	3/7/94
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	<5	<5	<5	<5	<5	5	<5	53	--	<10	--	--
Oil and Grease Total Recoverable (mg/l)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5	6	<1.0	5
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Whole Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Field (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity LAB (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	<20	<20	<20	<20	<20	<20	<20	<20	--	--	--	--
Antimony Dissolved (ug/l as Sb)	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	<20	<20	<20	<20	<20	<20	<20	<20	--	<50	<50	<50
Arsenic Dissolved (ug/l as As)	--	--	--	--	--	--	--	--	--	--	--	--
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	<10	<10	<10	<10	<10	<10	<10	<10	--	<50	--	--
Beryllium Dissolved (ug/l as Be)	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	<5	<5	<5	<5	<5	<5	<5	<5	--	<50	<40	<40
Cadmium Dissolved (ug/l as Cd)	--	--	--	--	--	--	--	--	--	<0.5	<0.5	<0.5
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	<50	<50	<50	<50	<50	<50	52	<50	--	<50	<50	<50
Chromium Dissolved (ug/l as Cr)	--	--	--	--	--	--	--	--	--	<5	<5	<5
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	<50	<50	<50	<50	<50	<50	<50	<50	--	850	<50	<50
Copper, Dissolved, (ug/l as Cu)	--	--	--	--	--	--	--	--	--	<50	<50	<50
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	<20	<20	<20	<20	<20	<20	<20	<20	--	70	<50	<50
Lead, Dissolved, (ug/l as Pb)	--	--	--	--	--	--	--	--	--	<5	<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)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0
Mercury, Dissolved, (ug/l as Hg)	--	--	--	--	--	--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	<50	<50	<50	<50	<50	<50	60	<50	--	<50	--	--
Nickel, Dissolved, (ug/l as Ni)	--	--	--	--	--	--	--	--	--	--	--	--
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	<5	<5	<5	<5	<5	<5	<5	<5	--	<50	--	--
Selenium, Dissolved, (ug/l as Se)	--	--	--	--	--	--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	<20	<20	<20	<20	<20	<20	<20	<20	--	<50	--	--

Mesa 4 - Horne and Grandview												
Sampling Station Identification Number	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4
Date of Sampling	10/28/92	12/4/92	12/5/92	12/8/92	12/9/92	1/6/93	2/8/93	2/10/93	8/24/93	10/6/93	2/7/94	3/7/94
Silver, Dissolved, (ug/l as Ag)	--	--	--	--	--	--	--	--	--	--	--	--
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	<10	<10	<10	<10	<10	<10	<10	<10	--	<50	--	--
Thallium, Dissolved, (ug/l as Tl)	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	<100	<100	<100	<100	<100	<100	<100	<100	--	160	<50	160
Zinc, Dissolved, (ug/l as Zn)	--	--	--	--	--	--	--	--	--	<50	<50	<50
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	<1.0	<1.0	--
BHC - ALPHA, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	<0.6	<0.6	--
BHC - Gamma (Lindane), (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	<0.5	<0.5	--
BHC - DELTA, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	<0.2	<0.2	--
Aroclor 1016, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	--	<2.0	<2.0	--
Aroclor 1221, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	--	<50.0	<50.0	--
Aroclor 1232, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	--	<10.0	<10.0	--
Aroclor 1242, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	--	<6.0	<6.0	--
Aroclor 1248, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	--	<2.0	<2.0	--
Aroclor 1254, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	--	<2.0	<2.0	--
Aroclor 1260, PCB, Total, (ug/L)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	--	<4.0	<4.0	--
Chlordane, Total, (ug/l)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	--	<1.5	<1.5	--
P,P' DDD, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	<0.1	<0.1	--
P,P' DDE, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	<0.1	<0.1	<0.1
P, P' DDT, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	<1.0	<1.0	--
Dieldrin, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	<0.5	<0.5	--
Endo-Sulfan Alpha, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	<0.4	<0.4	--
Endo-Sulfan Beta, Total, (ug/l)	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	--	<1.0	<1.0	--
Endo-Sulfan Sulfate, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	--	<0.4	<0.4	--
Endrin Aldehyde, Total, (ug/l)	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	--	<0.6	<0.6	--
Endrin, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	<1.5	<1.5	--
Heptachlor, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	<0.5	<0.5	--
Heptachlor Epoxide, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	--	<0.5	<0.5	--
Toxaphene, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	--	<2.5	<2.5	--
Methoxychlor, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--

Mesa 4 - Horne and Grandview

Sampling Station Identification Number	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4
Date of Sampling	10/28/92	12/4/92	12/5/92	12/8/92	12/9/92	1/6/93	2/8/93	2/10/93	8/24/93	10/6/93	2/7/94	3/7/94
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	--	--	<2.0	<2.0
1,1,1,2-Tetrachloroethane, Total,(ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	--	--	<2.0	<2.0
1,1,1- Trichloroethane, Total, (ug/l)	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	--	--	<2.0	<2.0
1,1,2- Trichloroethane, Total, (ug/l)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	<2.0	<2.0
Trichloroethene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	--	--	<2.0	<2.0
1,1- Dichloroethane, Total, (ug/l)	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	--	--	<2.0	<2.0
1,1- Dichloroethene, Total, (ug/l)	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	--	--	<2.0	<2.0
1,2- Dichloroethane, Total, (ug/l)	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	--	--	<2.0	<2.0
1,2- Dichloropropane, Total, (ug/l)	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	--	--	<2.0	<2.0
2- Chloroethylvinyl Ether, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	<5.0	<5.0
cis-1,3-Dichloropropene, (ug/l)	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--	--	<2.0	<2.0
trans-1,2- Dichloroethene, (ug/l)	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	--	--	<2.0	<2.0
trans-1,3- Dichloropropene, (ug/l)	--	--	--	--	--	--	--	--	--	--	<2.0	<2.0
Benzene, Total, (ug/l)	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	--	--	<2.0	<2.0
Bromodichloromethane, Total, (ug/l)	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	--	--	<2.0	<2.0
Bromoform, Total, (ug/l)	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	--	--	<5.0	<5.0
Carbon Tetrachloride, Total, (ug/l)	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	--	--	<2.0	<2.0
Chlorobenzene, Total, (ug/l)	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	--	--	<2.0	<2.0
Chloroethane, (ug/l)	--	--	--	--	--	--	--	--	--	--	<5.0	<5.0
Chloroform, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	--	--	<2.0	<2.0
Ethyl-Benzene, Total, (ug/l)	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	--	--	<2.0	<2.0
Methylene Chloride, Total, (ug/l)	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	--	--	<5.0	<5.0
Toluene, Total, (ug/l)	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	--	--	<2.0	<2.0
Trichlorofluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride, Total, (ug/l)	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	--	--	<5.0	<5.0
Chlorodibromomethane, Total, (ug/l)	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	--	--	<2.0	<2.0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	--	--	--	--	--	--	--
Acetone, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Carbon Disulfide, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,2 Dichloroethene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	<2.0	<2.0
2-Hexanone, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Styrene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Acrolein, Total, (ug/l)	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	--	--	<10.0	<10.0
Acrylonitirile, Total, (ug/l)	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	--	--	<10.0	<10.0
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	--	--	--	--
Methyl Chloride, Total, (ug/l)	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	--	--	--	--
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	--	<10.0	<20.0	--
Acenaphthylene, Total, (ug/l)	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	--	<10.0	<20.0	--

Mesa 4 - Horne and Grandview												
Sampling Station Identification Number	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4
Date of Sampling	10/28/92	12/4/92	12/5/92	12/8/92	12/9/92	1/6/93	2/8/93	2/10/93	8/24/93	10/6/93	2/7/94	3/7/94
Anthracene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	--	<10.0	<20.0	--
Benzidine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	--	<20.0	<40.0	--
Benzoic Acid, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Benzo (a) Anthracene, Total, (ug/l)	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	--	<10.0	<20.0	--
Benzo (b) Fluoranthene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	--	<10.0	<20.0	--
Benzo (ghi) Perylene, Total, (ug/l)	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	--	<10.0	<20.0	--
Benzo (a) Pyrene, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	--	<10.0	<20.0	<10.0
Benzyl Alcohol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	--	<10.0	<20.0	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	--	<10.0	<20.0	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	--	<10.0	<20.0	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	12	5.8	<2.5	--	<10.0	<20.0	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	--	<10.0	<20.0	--
Butyl Benzyl Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	--	<10.0	<20.0	--
2-Chloronapthalene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	--	<10.0	<20.0	--
2-Chlorophenol, Total, (ug/l)	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	--	<10.0	<20.0	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	--	<10.0	<20.0	--
Chrysene, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	--	<10.0	<20.0	<10.0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	<10.0	<20.0	--
Di-N-Butyl Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	--	<10.0	<20.0	--
1,3- Dichlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	--	<10.0	<20.0	--
1,4- Dichlorobenzene, Total, (ug/l)	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	--	<10.0	<20.0	--
1,2- Dichlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	--	<10.0	<20.0	--
3,3'- Dichlorobenzidine, Total, (ug/l)	<17.0	<17.0	<17.0	<17.0	<17.0	<17.0	<17.0	<17.0	--	<20.0	<40.0	--
2,4- Dichlorophenol, Total, (ug/l)	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	--	<10.0	<20.0	--
Diethyl Phthalate, Total, (ug/l)	<22.0	<22.0	<22.0	<22.0	<22.0	<22.0	<22.0	<22.0	--	<10.0	<20.0	--
2,4- Dimethylphenol, Total, (ug/l)	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	--	<10.0	<20.0	--
Dimethyl Phthalate, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	--	<10.0	<20.0	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<24.0	<24.0	<24.0	<24.0	<24.0	<24.0	<24.0	<24.0	--	<30.0	<60.0	--
2,4- Dinitrophenol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	<50.0	<100.0	--
2,4- Dinitrotoluene, Total, (ug/l)	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	--	<10.0	<20.0	--
2,6- Dinitrotoluene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	--	<10.0	<20.0	--
Di-N-Octyl-Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	--	<10.0	<20.0	--
Fluoranthene, Total, (ug/l)	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	--	<10.0	<20.0	<10.0
Fluorene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	--	<10.0	<20.0	--
Hexachlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	--	<10.0	<20.0	--
Hexachlorobutadiene, Total, (ug/l)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--	<10.0	<20.0	--
Hexachlorocyclopentadiene, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	--	<10.0	<20.0	--
Hexachloroethane, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	--	<10.0	<20.0	--
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	--	<10.0	<20.0	<10.0
Isophorone, Total, (ug/l)	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	--	<10.0	<20.0	--
Naphthalene, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	--	<10.0	<20.0	--
Nitrobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	--	<10.0	<20.0	--
2-Nitrophenol, Total, (ug/l)	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	--	<10.0	<20.0	--

Mesa 4 - Horne and Grandview												
Sampling Station Identification Number	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**
Date of Sampling	**10/28/92**	**12/4/92**	**12/5/92**	**12/8/92**	**12/9/92**	**1/6/93**	**2/8/93**	**2/10/93**	**8/24/93**	**10/6/93**	**2/7/94**	**3/7/94**
4-Nitrophenol, Total, (ug/l)	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4	--	<10.0	<20.0	--
N-Nitrosodiphenylamine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	--	<20.0	<40.0	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	--	<20.0	<40.0	--
Pentachlorophenol, Total, (ug/l)	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	--	<10.0	<20.0	--
Phenanthrene, Total, (ug/l)	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	--	<10.0	<20.0	--
Phenol, Total, (ug/l)	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	--	<10.0	<20.0	--
Pyrene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	--	<10.0	<20.0	<10.0
1,2,4-Trichlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	--	<10.0	<20.0	--
2,4,5- Trichlorophenol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	--	<10.0	<20.0	--
N-Nitrosodimethylamine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	--	<20.0	<40.0	--
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	--	--	--	--	--	<20.0	<40.0	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	--	--	--	--

Mesa 4 - Horne and Grandview												
Sampling Station Identification Number	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4
Date of Sampling	3/25/94	4/26/94	5/25/94	7/19/94	8/8/94	10/15/94	12/5/94	12/23/94	12/29/94	1/4/95	2/28/95	3/5/95
Agency Collecting Sample	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample	WTI	WTI	WTI	WTI	WTI	WTI	WTI	WTI	WTI	WTI	WTI	WTI
Drainage Area (acres) (DA)	113	113	113	113	113	113	113	113	113	113	113	113
Impervious Area (acres) (IA)	58	58	58	58	58	58	58	58	58	58	58	58
Land Use - Residential	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Commercial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Industrial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Undeveloped	--	--	--	--	--	--	--	--	--	--	--	--
Sampling Duration (minutes)	188	164	UA	154	118	UA	696	544	74	640	408	172
Storm Duration (minutes) (DRN)	378	174	UA	10	8	UA	794	606	6	546	206	356
Runoff Sampled (cubic feet) (RUN)	38120	61950	UA	13700	44050	UA	28617	29701	6954	15702	95467	507600
Total Storm Runoff (cubic feet)	107750	89100	UA	14500	45000	UA	42000	48000	7500	16000	376000	557600
Instantaneous Discharge (cfs)	9.8	16.1	UA	4.8	22.5	UA	2.9	3.3	3.3	1.3	50.2	70.2
Preceeding Dry Period (days) (ANT)	18	32	29	55	20	68	51	18	6	6	55	5
Total Storm Rainfall (inch)	0.62	0.48	UA	0.1	0.2	UA	0.54	0.45	0.09	0.23	0.11	0.38
Rainfall Sampled (inch) (TRN)	0.28	0.46	UA	0.1	0.2	UA	0.42	0.36	0.09	0.23	0.11	0.11
Maximum 5-minute rain intensity (MAX5)	0.6	0.72	UA	0.84	2.1	UA	0.24	0.36	0.84	0.24	0.36	0.24
Sample Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)	7.54	7.63	--	--	7.49	7.9	7.42	7.37	7.49	7.37	7.61	7.38
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)	73	120	--	--	120	75	79	81	--	130	110	41
BOD5 (mg/l)	190	130	60	22	35	23	55	65	31	31	60	8
COD High Level (mg/l)	110	140	--	--	120	35	60	72	140	86	110	32
Chloride (mg/l as Cl)	4.4	11	--	--	6.7	3.3	4.1	3	--	18	4.6	2
Cyanide Total (mg/l as Cn)	<0.01	<0.01	--	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fecal Coliform (CFU/100mL)	180	100000	850000	--	43000	2700	--	100	--	4	1	45
Fecal Streptococci (CFU/100mL)	110	17000	140000	--	81	200	--	50	--	1	640	100
Solids Residue at 180 Deg. C (TDS) (mg/l)	58	110	--	--	110	150	52	110	96	110	120	28
Residue, Total at 105 Deg. C (TSS) (mg/l)	82	110	--	--	36	160	25	19	110	27	15	51
Nitrogen No2 + No3, Total (mg/l as N)	<0.50	0.83	--	--	1.2	<0.50	<0.50	0.55	1	0.68	1.8	<0.50
TKN Nitrogen (mg/l as N)	2	1.7	--	3.5	3.8	1.6	0.8	1.8	0.7	1.4	2.5	1.1
Nitrogen, Ammonia + Organic, Total (mg/l as N)	2	1.7	--	1.4	1.4	1.6	0.8	1.8	0.7	1.4	2.5	1.1
Nitrogen Nitrate Total (mg/l as N)	<0.50	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	<0.05	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)	1	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)	0.37	0.61	--	0.76	0.46	0.25	0.27	0.66	0.31	0.23	0.59	0.18
Phosphorous Dissolved (mg/l as P)	0.17	0.25	--	--	0.33	<0.10	0.2	0.63	0.12	0.12	0.31	0.11

Mesa 4 - Horne and Grandview												
Sampling Station Identification Number	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4
Date of Sampling	3/25/94	4/26/94	5/25/94	7/19/94	8/8/94	10/15/94	12/5/94	12/23/94	12/29/94	1/4/95	2/28/95	3/5/95
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	5.5	10.4	--	--	9.1	5.7	7.5	8.6	18	11	11	6
Hexavalent Chromium Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	<10	20	--	--	<10	--	<10	<10	--	<10	--	<10
Oil and Grease Total Recoverable (mg/l)	33	14	1.7	--	<5.0	6	5.1	790	830	5.4	2	16
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Whole Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Field (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity LAB (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	--	--	--	--	--	--	--	--	--	--	--	--
Antimony Dissolved (ug/l as Sb)	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	<50	<50	--	--	<50	<50	<50	<50	<50	<50	<50	<50
Arsenic Dissolved (ug/l as As)	<5	<5	--	--	<5	<5	<5	<5	<5	<5	<5	<5
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Dissolved (ug/l as Be)	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	<40	<40	--	--	<40	<40	<40	<40	<40	<40	<40	<40
Cadmium Dissolved (ug/l as Cd)	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	250	<50	--	--	<50	<50	<50	<50	<50	<50	<50	<50
Chromium Dissolved (ug/l as Cr)	<5	<5	--	--	<5	<5	<5	<5	<5	<5	<5	<5
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	60	<50	--	--	<50	70	<50	<50	<50	<50	<50	<50
Copper, Dissolved, (ug/l as Cu)	<50	<50	--	--	<50	<50	<50	<50	<50	<50	<50	<50
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	<50	<50	--	--	<50	<50	<50	<50	<50	<50	<50	<50
Lead, Dissolved, (ug/l as Pb)	<5	<5	--	--	<5	<5	10	<5	<5	<5	<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)	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Mercury, Dissolved, (ug/l as Hg)	--	--	--	--	--	--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Dissolved, (ug/l as Ni)	--	--	--	--	--	--	--	--	--	--	--	--
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Dissolved, (ug/l as Se)	--	--	--	--	--	--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	--	--	--	--	--	--	--	--	--	--	--	--

Mesa 4 - Horne and Grandview												
Sampling Station Identification Number	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4
Date of Sampling	3/25/94	4/26/94	5/25/94	7/19/94	8/8/94	10/15/94	12/5/94	12/23/94	12/29/94	1/4/95	2/28/95	3/5/95
Silver, Dissolved, (ug/l as Ag)	--	--	--	--	--	--	--	--	--	--	--	--
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Dissolved, (ug/l as Tl)	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	130	140	--	--	80	200	110	<50	80	50	60	<50
Zinc, Dissolved, (ug/l as Zn)	<50	<50	--	--	<50	<50	<50	<50	<50	<50	<50	<50
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	33	14	--	--	<10	--	<0.10	<0.02	--	<0.05	<0.11	<0.11
BHC - ALPHA, (ug/l)	--	<1.0	--	--	<6.0	--	<0.050	<0.02	--	<0.05	<0.055	<0.055
BHC - Gamma (Lindane), (ug/l)	--	<0.6	--	--	<5.0	--	<0.050	<0.02	--	<0.05	<0.055	<0.055
BHC - DELTA, (ug/l)	--	<0.5	--	--	<2.0	--	<0.40	<0.02	--	<0.05	<0.44	<0.44
Aroclor 1016, PCB, Total, (ug/l)	--	<0.2	--	--	<20	--	<1.0	<0.05	--	<0.1	<1.1	<1.1
Aroclor 1221, PCB, Total, (ug/l)	--	<2.0	--	--	<500	--	<1.0	<0.05	--	<0.1	<1.1	<1.1
Aroclor 1232, PCB, Total, (ug/l)	--	<50.0	--	--	<100	--	<1.0	<0.05	--	<0.1	<1.1	<1.1
Aroclor 1242, PCB, Total, (ug/l)	--	<10.0	--	--	<60	--	<1.0	<0.05	--	<0.1	<1.1	<1.1
Aroclor 1248, PCB, Total, (ug/l)	--	<6.0	--	--	<20	--	<1.0	<0.05	--	<0.1	<1.1	<1.1
Aroclor 1254, PCB, Total, (ug/l)	--	<2.0	--	--	<20	--	<1.0	<0.05	--	<0.1	<1.1	<1.1
Aroclor 1260, PCB, Total, (ug/L)	--	<2.0	--	--	<20	--	<1.0	<0.05	--	<0.1	<1.1	<1.1
Chlordane, Total, (ug/l)	--	<4.0	--	--	<15	--	<0.15	<0.05	--	<0.1	<0.17	<0.17
P,P' DDD, Total, (ug/l)	--	<1.5	--	--	<10	--	<0.10	<0.02	--	<0.05	<0.11	<0.11
P,P' DDE, Total, (ug/l)	--	--	--	--	<10	--	<0.050	<0.02	--	<0.05	<0.055	<0.055
P, P' DDT, Total, (ug/l)	--	--	--	--	<10	--	<0.10	<0.02	--	<0.05	<0.11	<0.11
Dieldrin, Total, (ug/l)	--	--	--	--	<5.0	--	<0.10	<0.02	--	<0.05	<0.11	<0.11
Endo-Sulfan Alpha, Total, (ug/l)	--	<0.5	--	--	<4.0	--	<0.15	<0.02	--	<0.05	<0.17	<0.17
Endo-Sulfan Beta, Total, (ug/l)	--	<0.4	--	--	<10	--	<0.10	<0.02	--	<0.05	<0.11	<0.11
Endo-Sulfan Sulfate, Total, (ug/l)	--	<1.0	--	--	<40	--	<0.75	<0.02	--	<0.05	<0.83	<0.83
Endrin Aldehyde, Total, (ug/l)	--	<0.4	--	--	<60	--	<0.25	<0.05	--	<0.1	<0.28	<0.28
Endrin, Total, (ug/l)	--	<0.6	--	--	<15	--	<0.10	<0.02	--	<0.05	<0.11	<0.11
Heptachlor, Total, (ug/l)	--	<1.5	--	--	<5.0	--	<0.10	<0.02	--	<0.05	<0.11	<0.11
Heptachlor Epoxide, Total, (ug/l)	--	<0.5	--	--	<5.0	--	<0.10	<0.02	--	<0.05	<0.11	<0.11
Toxaphene, Total, (ug/l)	--	<0.5	--	--	<25	--	<0.50	<0.05	--	<0.1	<0.55	<0.55
Methoxychlor, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--

Mesa 4 - Horne and Grandview												
Sampling Station Identification Number	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4
Date of Sampling	3/25/94	4/26/94	5/25/94	7/19/94	8/8/94	10/15/94	12/5/94	12/23/94	12/29/94	1/4/95	2/28/95	3/5/95
1,1,2,2-Tetrachloroethane, Total, (ug/l)	--	<2.5	--	--	<4.0	<2	<2.0	<0.5	<2.0	<0.5	<2.0	<2.0
1,1,1,2-Tetrachloroethane, Total,(ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<2.0	<2.0	--	--	<4.0	<2	<2.0	<0.5	<2.0	<0.5	<2.0	<2.0
1,1,1- Trichloroethane, Total, (ug/l)	<2.0	<2.0	--	--	<4.0	<2	3.5	<0.5	<2.0	<0.5	<2.0	<2.0
1,1,2- Trichloroethane, Total, (ug/l)	<2.0	<2.0	--	--	<4.0	<2	<2.0	<0.5	<4.0	<0.5	<2.0	<2.0
Trichloroethene, Total, (ug/l)	<2.0	<2.0	--	--	<4.0	<2	<2.0	<0.5	<2.0	<0.5	<2.0	<2.0
1,1- Dichloroethane, Total, (ug/l)	<2.0	<2.0	--	--	<4.0	<2	<2.0	<0.5	<2.0	<0.5	<2.0	<2.0
1,1- Dichloroethene, Total, (ug/l)	<2.0	<2.0	--	--	<4.0	<2	<5.0	<0.5	<4.0	<0.5	<5.0	<5.0
1,2- Dichloroethane, Total, (ug/l)	<2.0	<2.0	--	--	<4.0	<2	<2.0	<0.5	<2.0	<0.5	<2.0	<2.0
1,2- Dichloropropane, Total, (ug/l)	<2.0	<2.0	--	--	<4.0	<2	<2.0	<0.5	<2.0	<0.5	<2.0	<2.0
2- Chloroethylvinyl Ether, Total, (ug/l)	<2.0	<2.0	--	--	<10.	<2	<2.0	--	--	<5	<2.0	<2.0
cis-1,3-Dichloropropene, (ug/l)	<5.0	<5.0	--	--	<4.0	<2	<2.0	<0.5	<2.0	<0.5	<2.0	<2.0
trans-1,2- Dichloroethene, (ug/l)	<2.0	<2.0	--	--	<4.0	<2	<2.0	<0.5	<2.0	<0.5	<2.0	<2.0
trans-1,3- Dichloropropene, (ug/l)	<2.0	<2.0	--	--	<4.0	<2	<2.0	<0.5	<2.0	<0.5	<2.0	<2.0
Benzene, Total, (ug/l)	<2.0	<2.0	--	--	<4.0	2	<2.0	<0.5	<2.0	<0.5	<2.0	<2.0
Bromodichloromethane, Total, (ug/l)	<2.0	<2.0	--	--	<4.0	<2	<2.0	<0.5	<2.0	<0.5	<2.0	<2.0
Bromoform, Total, (ug/l)	<2.0	<2.0	--	--	<10	<2	<2.0	<0.5	<2.0	<0.5	<2.0	<2.0
Carbon Tetrachloride, Total, (ug/l)	<5.0	<5.0	--	--	<4.0	<2	<5.0	<0.5	<2.0	<0.5	<5.0	<5.0
Chlorobenzene, Total, (ug/l)	<2.0	<2.0	--	--	<4.0	<2	<2.0	<0.5	<2.0	<0.5	<2.0	<2.0
Chloroethane, (ug/l)	<2.0	<2.0	--	--	<10	<5	<5.0	<1	<4.0	<1	<5.0	<5.0
Chloroform, Total, (ug/l)	<5.0	<5.0	--	--	<4.0	<2	<2.0	<0.5	<2.0	<0.5	<2.0	<2.0
Ethyl-Benzene, Total, (ug/l)	<5.0	<5.0	--	--	<4.0	<2	<2.0	<0.5	<2.0	<0.5	<2.0	<2.0
Methylene Chloride, Total, (ug/l)	<2.0	<2.0	<5.0	--	<10	<5	<10	<1	<10	<1	<10	<10
Toluene, Total, (ug/l)	<5.0	<5.0	<2.0	--	<4.0	<2	<2.0	<0.5	<2.0	<0.5	<2.0	<2.0
Trichlorofluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride, Total, (ug/l)	<2.0	<2.0	--	--	<10	<5	<5.0	<0.5	<4.0	<0.5	<5.0	<5.0
Chlorodibromomethane, Total, (ug/l)	<10.0	<10.0	--	--	<4.0	<2	<2.0	<0.5	<2.0	<0.5	<2.0	<2.0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	<5.0	<5.0	--	<5.0	--	<5.0	<5.0
Acetone, Total, (ug/l)	--	--	--	--	--	--	14	--	--	--	52	13
2-Butanone, (ug/l)	--	--	--	--	--	--	--	--	--	--	<10	<10
Carbon Disulfide, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	<5.0	<5.0
1,2 Dichloroethene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	--	--	--	--	<4.0	--	<2.0	<1	--	<1	<2.0	<2.0
2-Hexanone, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	<10	<10
Styrene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	<2.0	<2.0
Acrolein, Total, (ug/l)	<5.0	<5.0	--	--	<20	--	--	--	--	<50	--	--
Acrylonitirile, Total, (ug/l)	<10.0	<10.0	--	--	<20	--	--	--	--	<50	--	--
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Acenaphthylene, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10

Mesa 4 - Horne and Grandview												
Sampling Station Identification Number	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4
Date of Sampling	3/25/94	4/26/94	5/25/94	7/19/94	8/8/94	10/15/94	12/5/94	12/23/94	12/29/94	1/4/95	2/28/95	3/5/95
Anthracene, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Benzidine, Total, (ug/l)	--	--	--	--	--	--	<100	<20	--	<100	--	<100
Benzoic Acid, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Benzo (a) Anthracene, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<20	--	<10
Benzo (b) Fluoranthene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Benzo (ghi) Perylene, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Benzo (a) Pyrene, Total, (ug/l)	<20.0	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Benzyl Alcohol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	--	<10.0	--	--	<22	--	87	7	--	310	--	66
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Butyl Benzyl Phthalate, Total, (ug/l)	--	<10.0	--	--	<22	--	<20	<2	--	<10	--	<20
2-Chloronapthalene, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
2-Chlorophenol, Total, (ug/l)	--	<50.0	--	--	<22	--	<10	<2	--	<10	--	<10
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Chrysene, Total, (ug/l)	<20.0	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	--	<10.0	--	--	<22	--	<20	<2	--	<10	--	<20
Di-N-Butyl Phthalate, Total, (ug/l)	--	<10.0	--	--	<22	--	<20	<2	--	<10	--	<20
1,3- Dichlorobenzene, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
1,4- Dichlorobenzene, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	2	--	<10	--	<10
1,2- Dichlorobenzene, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
3,3'- Dichlorobenzidine, Total, (ug/l)	--	<20.0	--	--	<44	--	<40	<5	--	<20	--	<40
2,4- Dichlorophenol, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Diethyl Phthalate, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	10	--	<10
2,4- Dimethylphenol, Total, (ug/l)	--	<10.0	--	--	<22	--	<20	<2	--	<10	--	<20
Dimethyl Phthalate, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	--	<10.0	--	--	<66	--	<40	<5	--	<20	--	<40
2,4- Dinitrophenol, Total, (ug/l)	--	--	--	--	<110	--	<100	<10	--	<50	--	<100
2,4- Dinitrotoluene, Total, (ug/l)	--	<20.0	--	--	<22	--	<10	<2	--	<10	--	<10
2,6- Dinitrotoluene, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Di-N-Octyl-Phthalate, Total, (ug/l)	--	<10.0	--	--	<22	--	<40	<2	--	<10	--	<40
Fluoranthene, Total, (ug/l)	<20.0	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Fluorene, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Hexachlorobenzene, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Hexachlorobutadiene, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Hexachlorocyclopentadiene, Total, (ug/l)	--	--	--	--	<22	--	<40	<2	--	<10	--	<40
Hexachloroethane, Total, (ug/l)	--	--	--	--	<22	--	<10	<2	--	<10	--	<10
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<20.0	<10.0	--	--	<22	--	<20	<2	--	<10	--	<20
Isophorone, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Naphthalene, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Nitrobenzene, Total, (ug/l)	--	<10.0	--	--	<22	--	<40	<2	--	<10	--	<40
2-Nitrophenol, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10

Mesa 4 - Horne and Grandview												
Sampling Station Identification Number	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**
Date of Sampling	**3/25/94**	**4/26/94**	**5/25/94**	**7/19/94**	**8/8/94**	**10/15/94**	**12/5/94**	**12/23/94**	**12/29/94**	**1/4/95**	**2/28/95**	**3/5/95**
4-Nitrophenol, Total, (ug/l)	--	<10.0	--	--	<22	--	<100	<5	--	<20	--	<100
N-Nitrosodiphenylamine, Total, (ug/l)	--	--	--	--	--	--	<10	<2	--	<10	--	<10
N-Nitrosodi-N-Propylamine, Total, (ug/l)	--	--	--	--	<44	--	<10	<2	--	<10	--	<10
Pentachlorophenol, Total, (ug/l)	--	<10.0	--	--	<22	--	<40	<5	--	<20	--	<40
Phenanthrene, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Phenol, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
Pyrene, Total, (ug/l)	<20.0	<10.0	--	--	<22	--	<10	2	--	<10	--	<10
1,2,4-Trichlorobenzene, Total, (ug/l)	--	<10.0	--	--	<22	--	<10	<2	--	<10	--	<10
2,4,5- Trichlorophenol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	--	<30.0	--	--	<22	--	<20	<5	--	<20	--	<20
N-Nitrosodimethylamine, Total, (ug/l)	<2.0	<2.0	--	--	--	--	--	--	--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	--	--	--	<2	--	<10	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--

Mesa 4 - Horne and Grandview										
Sampling Station Identification Number	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4
Date of Sampling	**11/6/95**	**2/1/96**	**2/26/96**	**3/13/96**	**7/25/96**	**9/2/96**	**9/11/96**	**1/13/97**	**1/26/97**	**2/27/97**
Agency Collecting Sample	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample	WESTECH	DEL MAR	DEL MAR	DEL MAR	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN
Drainage Area (acres) (DA)	113	113	113	113	113	113	113	113	113	113
Impervious Area (acres) (IA)	58	58	58	58	58	58	58	58	58	58
Land Use - Residential	--	--	--	100	100	100	100	100	100	100
Land Use - Commercial	--	--	--	0	0	0	0	0	0	0
Land Use - Industrial	--	--	--	0	0	0	0	0	0	0
Land Use - Undeveloped	--	--	--	0	0	0	0	0	0	0
Sampling Duration (minutes)	328	1264	173	1365	220	163	134	144	561	236
Storm Duration (minutes) (DRN)	354	UA	146	1112	257	113	242	237	426	324
Runoff Sampled (cubic feet) (RUN)	36555	52710	61282	37880	89765	114000	131000	81000	45400	60800
Total Storm Runoff (cubic feet)	40000	UA	67800	37900	103000	129000	271000	163000	48500	128800
Instantaneous Discharge (cfs)	5.5	9.2	10.2	5.3	26.8	37.7	51.1	21.0	4.3	10.3
Preceeding Dry Period (days) (ANT)	5	86	25	16	16	38	8	45	13	31
Total Storm Rainfall (inch)	0.41	UA	0.57	0.39	1.01	0.81	1.25	0.57	0.15	0.43
Rainfall Sampled (inch) (TRN)	0.38	0.49	0.57	0.39	0.96	0.8	1.25	0.39	0.15	0.26
Maximum 5-minute rain intensity (MAX5)	0.36	0.6	1.2	0.36	2.64	2.76	3.24	0.6	0.24	0.48
Sample Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	14.7	14.5
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	NM	NM	NM	NM	NM	NM	NM	NM	8.37	7.45
pH, Lab (standard units)	7.26	7.4	8.2	7.3	--	8.1	7.7	7.8	7.6	7.7
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	1200	59	130	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	5.1	8.1	6.1	7.93	--	--	8.5	10.1	8.73
Electrical Conductivity (umhos/cm)	89	--	--	--	--	--	95	79	151	128
BOD5 (mg/l)	17	80	73	96	30	79	--	129	57	93
COD High Level (mg/l)	33	140	71	170	--	99	44	<20	107	126
Chloride (mg/l as Cl)	7	6.6	4.5	9.7	--	--	7	<5.0	17	5
Cyanide Total (mg/l as Cn)	<0.01	<0.025	<0.025	<0.025	--	--	<0.02	<0.01	<0.01	<0.01
Fecal Coliform (CFU/100mL)	--	>16000	280	1600	>160000	>160000	>160000	>160000	>160000	16000
Fecal Streptococci (CFU/100mL)	--	>16000	2400	3000	5000	>1600	16000	>160000	1600	23
Solids Residue at 180 Deg. C (TDS) (mg/l)	86	130	72	100	--	--	67	85	67	99
Residue, Total at 105 Deg. C (TSS) (mg/l)	38	77	28	36	--	--	130	34	17	50
Nitrogen No2 + No3, Total (mg/l as N)	0.59	0.81	0.36	0.59	--	--	0.75	<0.1	0.75	0.88
TKN Nitrogen (mg/l as N)	0.4	4.5	2.2	2.2	--	5	1.6	2.34	3.06	4.18
Nitrogen, Ammonia + Organic, Total (mg/l as N)	0.5	4.3	2.06	2.05	--	--	1.6	2.34	3.06	4.18
Nitrogen Nitrate Total (mg/l as N)	0.59	0.81	0.36	0.59	--	--	0.75	<0.1	0.75	0.88
Nitrogen Nitrite Total (mg/l as N)	<0.05	<0.15	<0.15	<0.10	--	--	<0.1	<0.1	<0.1	<0.1
Nitrogen Ammonia Total (mg/l as N)	0.5	1.1	0.66	0.75	--	1	0.7	1.62	1.23	2.05
Nitrogen Organic Total (mg/l as N)	<0.1	3.2	1.4	1.3	--	--	0.9	0.72	1.83	2.13
Phosphorous Total (mg/l as P)	<0.10	0.26	0.13	0.19	--	0.64	0.14	0.36	0.25	0.38
Phosphorous Dissolved (mg/l as P)	<0.10	0.26	0.13	0.19	--	--	--	0.21	--	0.22

Mesa 4 - Horne and Grandview										
Sampling Station Identification Number	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4
Date of Sampling	11/6/95	2/1/96	2/26/96	3/13/96	7/25/96	9/2/96	9/11/96	1/13/97	1/26/97	2/27/97
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	8.3	6.2	3.8	8.2	--	--	10	<5.0	9	16
Hexavalent Chromium Total (mg/l)	--	<0.025	<0.025	<0.025	--	<0.005	<0.005	<0.010	<0.010	<0.010
Phenols Total Recoverable (ug/l)	10	--	<100	<100	--	--	20	<5	8	11
Oil and Grease Total Recoverable (mg/l)	6.9	5.7	<1.0	5.5	9	25	<5.0	<5.0	<5.0	<10.0
Organic Carbon, Total (mg/l)	--	--	19	32	--	--	11	26	76	32
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)	--	32	19	24	--	--	26	22	32	26
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	52	23	36	--	--	38	29	48	47
Antimony (ug/l as Sb)	--	<50	<50	<50	--	--	<5	<5	<5	<5
Antimony Dissolved (ug/l as Sb)	--	<50	<50	<50	--	--	<5	<5	<5	<5
Arsenic Total (ug/l as As)	<30	<10	<10	<10	--	--	<5	<5	<5	<5
Arsenic Dissolved (ug/l as As)	<30	<10	<10	<10	--	--	<5	<5	<5	<5
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	--	<5	<5	<5	--	--	7	<2	<2	<2
Beryllium Dissolved (ug/l as Be)	--	<4	<5	<5	--	--	4	<2	<2	<2
Cadmium Total Recoverable (ug/l as Cd)	3	<5	<5	<5	--	--	5	<4	<4	<4
Cadmium Dissolved (ug/l as Cd)	<3	<5	<5	<4	--	--	<4	<4	<4	<4
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	4	<5	<5	<5	--	--	<5	<5	<5	<5
Chromium Dissolved (ug/l as Cr)	2	<5	<5	<5	--	--	<5	<5	<5	<5
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	<50	<50	<50	<50	--	--	28	<15	18	33
Copper, Dissolved, (ug/l as Cu)	<50	<50	<50	<50	--	--	18	<15	9	<20
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	<23	26	<5	<10	--	--	7	<5	5	10
Lead, Dissolved, (ug/l as Pb)	<23	<5	<5	<10	--	--	7	<5	<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)	<1.0	<0.2	<0.2	<0.2	--	--	<0.2	<0.2	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)	--	<0.2	<0.2	<0.2	--	--	<0.2	<0.2	<0.2	<0.2
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	--	<50	<50	<50	--	--	<20	<20	30	<20
Nickel, Dissolved, (ug/l as Ni)	--	<50	<50	<50	--	--	<20	<20	<20	<20
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	--	<20	<20	<20	--	--	<5	<5	<5	<5
Selenium, Dissolved, (ug/l as Se)	--	<20	<20	<20	--	--	<5	<5	<5	<5
Silver, Total Recoverable, (ug/l as Ag)	--	<10	<5	<10	--	--	<50	<50	<50	<50

Mesa 4 - Horne and Grandview										
Sampling Station Identification Number	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4
Date of Sampling	11/6/95	2/1/96	2/26/96	3/13/96	7/25/96	9/2/96	9/11/96	1/13/97	1/26/97	2/27/97
Silver, Dissolved, (ug/l as Ag)	--	<10	<5	<10	--	--	<50	<50	<50	<50
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	--	<2	<20	<50	--	--	<1	2	<1	<1
Thallium, Dissolved, (ug/l as Tl)	--	<2	<20	<50	--	--	<1	<1	<1	<1
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	150	190	<50	71	--	--	70	50	45	90
Zinc, Dissolved, (ug/l as Zn)	130	76	<50	<50	--	--	50	<20	30	70
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<1.0	--	<0.10	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
BHC - ALPHA, (ug/l)	<0.6	--	<0.05	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
BHC - Gamma (Lindane), (ug/l)	<0.5	--	<0.05	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
BHC - DELTA, (ug/l)	<0.2	--	<0.40	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1016, PCB, Total, (ug/l)	<2.0	--	<1.0	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1221, PCB, Total, (ug/l)	<50	--	<1.0	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1232, PCB, Total, (ug/l)	<10	--	<1.0	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1242, PCB, Total, (ug/l)	<6.0	--	<1.0	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1248, PCB, Total, (ug/l)	<2.0	--	<1.0	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1254, PCB, Total, (ug/l)	<2.0	--	<1.0	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1260, PCB, Total, (ug/L)	<4.0	--	<1.0	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Chlordane, Total, (ug/l)	<1.5	--	<0.15	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
P,P' DDD, Total, (ug/l)	<0.1	--	<0.10	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
P,P' DDE, Total, (ug/l)	<0.1	--	<0.05	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
P, P' DDT, Total, (ug/l)	<1.0	--	<0.10	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Dieldrin, Total, (ug/l)	<0.5	--	<0.10	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Endo-Sulfan Alpha, Total, (ug/l)	<0.4	--	<0.15	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Endo-Sulfan Beta, Total, (ug/l)	<1.0	--	<0.10	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Endo-Sulfan Sulfate, Total, (ug/l)	<0.4	--	<0.75	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Endrin Aldehyde, Total, (ug/l)	<0.6	--	<0.25	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Endrin, Total, (ug/l)	<1.5	--	<0.10	--	--	<0.1	<0.1	<0.2	<0.2	<0.2
Heptachlor, Total, (ug/l)	<0.5	--	<0.10	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Heptachlor Epoxide, Total, (ug/l)	<0.5	--	<0.10	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Toxaphene, Total, (ug/l)	<2.5	--	<0.50	--	--	<0.5	<0.5	<0.5	<0.5	<0.5
Methoxychlor, Total, (ug/l)	--	--	<10	--	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	<0.3	--	<0.05	--	--	<0.5	<0.5	<0.5	<0.5	<0.5

Mesa 4 - Horne and Grandview										
Sampling Station Identification Number	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**
Date of Sampling	**11/6/95**	**2/1/96**	**2/26/96**	**3/13/96**	**7/25/96**	**9/2/96**	**9/11/96**	**1/13/97**	**1/26/97**	**2/27/97**
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,1,1,2-Tetrachloroethane, Total,(ug/l)	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,1,1- Trichloroethane, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,1,2- Trichloroethane, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Trichloroethene, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,1- Dichloroethane, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,1- Dichloroethene, Total, (ug/l)	<5.0	<5.0	<5.0	<5.0	<2	<2	<2	<2	<2	<2
1,2- Dichloroethane, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
1,2- Dichloropropane, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
2- Chloroethylvinyl Ether, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
cis-1,3-Dichloropropene, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
trans-1,2- Dichloroethene, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
trans-1,3- Dichloropropene, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Benzene, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Bromodichloromethane, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Bromoform, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride, Total, (ug/l)	<5.0	<5.0	<5.0	<5.0	<2	<2	<2	<2	<2	<2
Chlorobenzene, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Chloroethane, (ug/l)	<5.0	<5.0	<5.0	<5.0	<5	<5	<5	<5	<5	<5
Chloroform, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Ethyl-Benzene, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Methylene Chloride, Total, (ug/l)	<10	<10	<10	<10	--	--	--	--	--	--
Toluene, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Trichlorofluoromethane, Total, (ug/l)	--	<5.0	<5.0	<5.0	<5	<5	<5	<5	<5	<5
Vinyl Chloride, Total, (ug/l)	<5.0	<5.0	<5.0	<5.0	<5	<5	<5	<5	<5	<5
Chlorodibromomethane, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	<5.0	<5.0	<5.0	<5.0	--	--	--	--	--	--
Acetone, Total, (ug/l)	--	17	29	41	<10	<10	<10	<10	<10	<10
2-Butanone, (ug/l)	<10	<10	<10	12	<10	<10	<10	<10	<10	<10
Carbon Disulfide, Total, (ug/l)	<5.0	<5.0	<5.0	<5.0	<10	<10	<10	<10	<10	<10
1,2 Dichloroethene, Total, (ug/l)	--	--	--	--	<2	<2	<2	<2	<2	<2
Xylenes, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
2-Hexanone, Total, (ug/l)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Styrene, Total, (ug/l)	<2.0	<2.0	<2.0	<2.0	<2	<2	<2	<2	<2	<2
Acrolein, Total, (ug/l)	--	--	--	--	<10	<10	<10	<10	<10	<10
Acrylonitirile, Total, (ug/l)	--	--	--	--	<10	<10	<10	<10	<10	<10
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	<2	<2	<2	<2	<2	<2
Methyl Bromide, Total, (ug/l)	--	<5.0	<5.0	<5.0	<5	<5	<5	<5	<5	<5
Methyl Chloride, Total, (ug/l)	--	<5.0	<5.0	<5.0	<5	<5	<5	<5	<5	<5
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Acenaphthylene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0

Mesa 4 - Horne and Grandview										
Sampling Station Identification Number	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4	MESA_4
Date of Sampling	11/6/95	2/1/96	2/26/96	3/13/96	7/25/96	9/2/96	9/11/96	1/13/97	1/26/97	2/27/97
Anthracene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Benzidine, Total, (ug/l)	<100	--	--	--	--	<50	--	<50	<10	<50
Benzoic Acid, Total, (ug/l)	--	--	--	--	--	11	--	<5.0	<10	<5.0
Benzo (a) Anthracene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Benzo (b) Fluoranthene, Total, (ug/l)	--	--	--	--	--	<5	--	<5.0	<10	<5.0
Benzo (k) Fluoranthene, Total, (ug/l)	<10	--	--	--	--	<5	--	<5.0	<10	<5.0
Benzo (ghi) Perylene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Benzo (a) Pyrene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Benzyl Alcohol, Total, (ug/l)	--	--	--	--	--	<3	--	<3.0	<10	<3.0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	<20	--	--	--	--	36	--	18	<10	31
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Butyl Benzyl Phthalate, Total, (ug/l)	<20	--	--	--	--	<5	--	<5.0	<10	<5.0
2-Chloronapthalene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
2-Chlorophenol, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Chrysene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	<20	--	--	--	--	<5	--	<5.0	<10	<5.0
Di-N-Butyl Phthalate, Total, (ug/l)	<20	--	--	--	--	<3	--	<3.0	10	<3.0
1,3- Dichlorobenzene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
1,4- Dichlorobenzene, Total, (ug/l)	<10	--	--	--	--	<5	--	<3.0	<10	<3.0
1,2- Dichlorobenzene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
3,3'- Dichlorobenzidine, Total, (ug/l)	<40	--	--	--	--	<5	--	<5.0	<10	<5.0
2,4- Dichlorophenol, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Diethyl Phthalate, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
2,4- Dimethylphenol, Total, (ug/l)	<20	--	--	--	--	<5	--	<5.0	<10	<5.0
Dimethyl Phthalate, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<40	--	--	--	--	<5	--	<5.0	<10	<5.0
2,4- Dinitrophenol, Total, (ug/l)	<100	--	--	--	--	<10	--	<10	<10	<10
2,4- Dinitrotoluene, Total, (ug/l)	<10	--	--	--	--	<5	--	<5.0	<10	<5.0
2,6- Dinitrotoluene, Total, (ug/l)	<10	--	--	--	--	<5	--	<5.0	<10	<5.0
Di-N-Octyl-Phthalate, Total, (ug/l)	<40	--	--	--	--	<5	--	<5.0	<10	<5.0
Fluoranthene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Fluorene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Hexachlorobenzene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Hexachlorobutadiene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Hexachlorocyclopentadiene, Total, (ug/l)	<40	--	--	--	--	<10	--	<10	<10	<10
Hexachloroethane, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<20	--	--	--	--	<5	--	<5.0	<10	<5.0
Isophorone, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Naphthalene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Nitrobenzene, Total, (ug/l)	<40	--	--	--	--	<3	--	<3.0	<10	<3.0
2-Nitrophenol, Total, (ug/l)	<10	--	--	--	--	<5	--	<5.0	<10	<5.0

Mesa 4 - Horne and Grandview										
Sampling Station Identification Number	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**	**MESA_4**
Date of Sampling	**11/6/95**	**2/1/96**	**2/26/96**	**3/13/96**	**7/25/96**	**9/2/96**	**9/11/96**	**1/13/97**	**1/26/97**	**2/27/97**
4-Nitrophenol, Total, (ug/l)	<100	--	--	--	--	<5	--	<5.0	<10	<5.0
N-Nitrosodiphenylamine, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Pentachlorophenol, Total, (ug/l)	<40	--	--	--	--	<5	--	<5.0	<10	<5.0
Phenanthrene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Phenol, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
Pyrene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
1,2,4-Trichlorobenzene, Total, (ug/l)	<10	--	--	--	--	<3	--	<3.0	<10	<3.0
2,4,5- Trichlorophenol, Total, (ug/l)	--	--	--	--	--	<3	--	<3.0	<10	<3.0
2,4,6- Trichlorophenol, Total, (ug/l)	<20	--	--	--	--	<3	--	<3.0	<10	<3.0
N-Nitrosodimethylamine, Total, (ug/l)	--	--	--	--	--	<5	--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--

Mesa 5
Dobson Road south of Broadway

Mesa 5 - Broadway and Dobson												
Sampling Station Identification Number	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5
Date of Sampling	12/4/92	12/8/92	1/6/93	2/8/93	11/13/93	2/7/94	3/7/94	3/25/94	4/26/94	5/25/94	11/12/94	12/5/94
Agency Collecting Sample	Mesa	Mesa	Mesa	Mesa	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample	ATL	ATL	ATL	ATL	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH
Drainage Area (acres) (DA)	63	63	63	63	63	63	63	63	63	63	63	63
Impervious Area (acres) (IA)	56	56	56	56	56	56	56	56	56	56	56	56
Land Use - Residential	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Commercial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Industrial	--	--	--	--	--	--	--	--	--	--	--	--
Land Use - Undeveloped	--	--	--	--	--	--	--	--	--	--	--	--
Sampling Duration (minutes)	UA	UA	UA	UA	400	UA	554	190	228	742	216	350
Storm Duration (minutes) (DRN)	UA	UA	UA	UA	UA	UA	510	382	186	522	242	428
Runoff Sampled (cubic feet) (RUN)	UA	UA	UA	UA	32490	UA	18020	42790	28350	32240	89050	58216
Total Storm Runoff (cubic feet)	UA	UA	UA	UA	UA	UA	20000	147500	35500	33000	UA	127250
Instantaneous Discharge (cfs)	16.1	10.4	2.2	16.2	3.0	UA	1.3	7.4	4.9	4.1	16.2	6.9
Preceeding Dry Period (days) (ANT)	UA	4	29	33	278	86	28	18	32	29	171	23
Total Storm Rainfall (inch)	UA	UA	UA	UA	UA	UA	0.19	0.7	0.32	0.28	0.59	0.37
Rainfall Sampled (inch) (TRN)	UA	UA	UA	UA	0.34	UA	0.19	0.36	0.32	0.28	0.57	0.27
Maximum 5-minute rain intensity (MAX5)	UA	UA	UA	UA	UA	UA	0.24	0.48	0.36	0.72	0.48	0.12
Sample Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)	6.6	6.9	7.4	6.9	--	--	7.58	7.7	6.96	7.42	7.74	7.29
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Electrical Conductivity (umhos/cm)	--	--	--	--	--	--	--	81	240	140	72	120
BOD5 (mg/l)	16	9	9	6	14	14	130	96	290	<5.0	140	200
COD High Level (mg/l)	210	58	67	110	47	--	660	130	190	100	87	230
Chloride (mg/l as Cl)	--	--	--	--	2.1	--	12	4.5	8.1	6.5	2.4	3.8
Cyanide Total (mg/l as Cn)	<0.01	<0.01	<0.01	<0.01	--	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fecal Coliform (CFU/100mL)	2400	2400	500	1700	2600	900	5	150	TNTC	<1	150	--
Fecal Streptococci (CFU/100mL)	24000	30000	11000	500	250	97	4.8	130	360000	<1	71	--
Solids Residue at 180 Deg. C (TDS) (mg/l)	90	60	74	43	43	--	210	69	190	120	60	110
Residue, Total at 105 Deg. C (TSS) (mg/l)	120	21	77	130	27	--	190	120	350	85	66	51
Nitrogen No2 + No3, Total (mg/l as N)	0.32	0.21	0.5	--	<0.5	--	3.3	<0.50	1.2	0.86	<0.50	0.84
TKN Nitrogen (mg/l as N)	2.1	1	1.3	1	2.1	--	7.2	2.5	4.7	2	1.5	4.1
Nitrogen, Ammonia + Organic, Total (mg/l as N)	1	0.7	0.6	0.6	2.1	--	7.2	2.5	4.7	2	1.5	4.1
Nitrogen Nitrate Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Nitrite Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Ammonia Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	--	--	--	--	--
Phosphorous Total (mg/l as P)	0.4	0.18	0.22	0.22	0.2	--	0.98	0.51	0.76	2.4	0.25	0.22
Phosphorous Dissolved (mg/l as P)	--	--	--	0.15	0.12	--	0.41	0.2	0.36	2	0.14	<0.10

Mesa 5 - Broadway and Dobson												
Sampling Station Identification Number	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5
Date of Sampling	12/4/92	12/8/92	1/6/93	2/8/93	11/13/93	2/7/94	3/7/94	3/25/94	4/26/94	5/25/94	11/12/94	12/5/94
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	--	--	--	--	--	--	--	6.6	11	9.6	6.5	12
Hexavalent Chromium Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phenols Total Recoverable (ug/l)	53	53	53	53	--	--	--	--	<10	--	--	30
Oil and Grease Total Recoverable (mg/l)	<5.0	<5.0	<5.0	<5.0	12	11	22	19	23	<1.0	10	30
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Whole Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Bicarbonate Dissolved, Field (mg/l as HCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Field (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Carbonate Water Dissolved, Field, (mg/l as Co3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity Dissolved Water Field Total (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Alkalinity LAB (mg/l as CaCo3)	--	--	--	--	--	--	--	--	--	--	--	--
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	--	--	--
Antimony (ug/l as Sb)	<20	<20	<20	<20	--	--	--	--	--	--	--	--
Antimony Dissolved (ug/l as Sb)	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic Total (ug/l as As)	<20	<20	<20	<20	<50	--	<50	<50	--	<50	<50	<50
Arsenic Dissolved (ug/l as As)	--	--	--	--	--	--	--	<5	--	<5	<5	<5
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	<10	<10	<10	<10	--	--	--	--	--	--	--	--
Beryllium Dissolved (ug/l as Be)	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium Total Recoverable (ug/l as Cd)	<5	<5	<5	<5	<50	--	<40	<40	<40	<40	<40	<40
Cadmium Dissolved (ug/l as Cd)	--	--	--	--	<0.5	--	0.8	0.8	0.6	<0.5	<0.5	<0.5
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	<50	<50	<50	<50	<50	--	<50	<50	<50	<50	<50	<50
Chromium Dissolved (ug/l as Cr)	--	--	--	--	<5	--	<5	<5	<50	<5	<5	<5
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	<50	<50	<50	<50	<50	--	70	60	<50	<50	<50	<50
Copper, Dissolved, (ug/l as Cu)	--	--	--	--	<50	--	<50	<50	<50	<50	<50	<50
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	27	<20	<20	32	<50	--	80	<50	<50	<50	<50	<50
Lead, Dissolved, (ug/l as Pb)	--	--	--	--	5	--	<5	<5	<5	<5	<20	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)	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	100	<1.0	<1.0	<1.0	<1.0
Mercury, Dissolved, (ug/l as Hg)	--	--	--	--	--	--	--	--	--	--	--	--
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	<50	<50	<50	<50	--	--	--	--	--	--	--	--
Nickel, Dissolved, (ug/l as Ni)	--	--	--	--	--	--	--	--	--	--	--	--
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	<5	<5	<5	<5	--	--	--	--	--	--	--	--
Selenium, Dissolved, (ug/l as Se)	--	--	--	--	--	--	--	--	--	--	--	--
Silver, Total Recoverable, (ug/l as Ag)	<20	<20	<20	<20	--	--	--	--	--	--	--	--

Mesa 5 - Broadway and Dobson

Sampling Station Identification Number	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5
Date of Sampling	12/4/92	12/8/92	1/6/93	2/8/93	11/13/93	2/7/94	3/7/94	3/25/94	4/26/94	5/25/94	11/12/94	12/5/94
Silver, Dissolved, (ug/l as Ag)	--	--	--	--	--	--	--	--	--	--	--	--
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	<10	<10	<10	<10	--	--	--	--	--	--	--	--
Thallium, Dissolved, (ug/l as Tl)	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	180	120	<0.1	140	80	--	360	250	290	120	90	130
Zinc, Dissolved, (ug/l as Zn)	--	--	--	--	<50	--	70	60	90	<50	<50	90
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.8	--	--	19	23	--	<0.1	<0.10
BHC - ALPHA, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.3	--	--	--	<1.0	--	<0.1	<0.050
BHC - Gamma (Lindane), (ug/l)	<0.01	<0.01	<0.01	<0.01	<10.0	--	--	--	<0.6	--	<0.1	<0.050
BHC - DELTA, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.10	--	--	--	<0.5	--	<0.1	<0.40
Aroclor 1016, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.15	--	--	--	<0.2	--	<1.0	<1.0
Aroclor 1221, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.15	--	--	--	<2.0	--	<1.0	<1.0
Aroclor 1232, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.15	--	--	--	<50.0	--	<1.0	<1.0
Aroclor 1242, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.15	--	--	--	<10.0	--	<1.0	<1.0
Aroclor 1248, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.15	--	--	--	<6.0	--	<1.0	<1.0
Aroclor 1254, PCB, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.15	--	--	--	<2.0	--	<1.0	<1.0
Aroclor 1260, PCB, Total, (ug/L)	<0.20	<0.20	<0.20	<0.20	<0.15	--	--	--	<2.0	--	<1.0	<1.0
Chlordane, Total, (ug/l)	<0.1	<0.1	<0.1	<0.1	<1.50	--	--	--	<4.0	--	<0.5	<0.15
P,P' DDD, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--	<1.5	--	<0.1	<0.10
P,P' DDE, Total, (ug/l)	<0.01	<0.01	0.014	0.022	<0.1	--	<0.1	--	--	<0.1	<0.1	<0.050
P, P' DDT, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.6	--	--	--	--	--	<0.1	<0.10
Dieldrin, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.30	--	--	--	--	--	<0.1	<0.10
Endo-Sulfan Alpha, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.20	--	--	--	<0.5	--	<0.1	<0.15
Endo-Sulfan Beta, Total, (ug/l)	<0.02	<0.02	<0.02	<0.02	<0.50	--	--	--	<0.4	--	<0.1	<0.10
Endo-Sulfan Sulfate, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<0.20	--	--	--	<1.0	--	<0.1	<0.75
Endrin Aldehyde, Total, (ug/l)	<0.10	<0.10	<0.10	<0.10	<0.30	--	--	--	<0.4	--	<0.1	<0.25
Endrin, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.10	--	--	--	<0.6	--	<0.1	<0.10
Heptachlor, Total, (ug/l)	<0.01	<0.01	<0.01	<0.01	<0.30	--	--	--	<1.5	--	<0.1	<0.10
Heptachlor Epoxide, Total, (ug/l)	<0.05	<0.05	<0.05	<0.05	<0.10	--	--	--	<0.50	--	<0.1	<0.10
Toxaphene, Total, (ug/l)	<0.20	<0.20	<0.20	<0.20	<2.50	--	--	--	<0.50	--	<1.0	<0.50
Methoxychlor, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--

Mesa 5 - Broadway and Dobson												
Sampling Station Identification Number	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5
Date of Sampling	12/4/92	12/8/92	1/6/93	2/8/93	11/13/93	2/7/94	3/7/94	3/25/94	4/26/94	5/25/94	11/12/94	12/5/94
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<6.9	<6.9	<6.9	<6.9	<0.50	<2.0	<2.0	--	<2.50	--	--	<2.0
1,1,1,2-Tetrachloroethane, Total,(ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<4.1	<4.1	<4.1	<4.1	<0.50	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
1,1,1- Trichloroethane, Total, (ug/l)	<3.8	<3.8	<3.8	<3.8	<0.50	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
1,1,2- Trichloroethane, Total, (ug/l)	<5.0	<5.0	<5.0	<5.0	<0.50	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
Trichloroethene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<0.50	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
1,1- Dichloroethane, Total, (ug/l)	<4.7	<4.7	<4.7	<4.7	<0.50	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
1,1- Dichloroethene, Total, (ug/l)	<2.8	<2.8	<2.8	<2.8	<0.50	<2.0	<2.0	<2.0	<2.0	--	--	<5.0
1,2- Dichloroethane, Total, (ug/l)	<2.8	<2.8	<2.8	<2.8	<0.50	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
1,2- Dichloropropane, Total, (ug/l)	<6.0	<6.0	<6.0	<6.0	<0.50	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
2- Chloroethylvinyl Ether, Total, (ug/l)	--	--	--	--	<0.50	<5.0	<5.0	<2.0	<2.0	--	--	<2.0
cis-1,3-Dichloropropene, (ug/l)	<5.0	<5.0	<5.0	<5.0	<0.50	<2.0	<2.0	<5.0	<5.0	--	--	<2.0
trans-1,2- Dichloroethene, (ug/l)	<1.6	<1.6	<1.6	<1.6	<0.50	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
trans-1,3- Dichloropropene, (ug/l)	--	--	--	--	<0.50	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
Benzene, Total, (ug/l)	<4.4	<4.4	<4.4	<4.4	<0.50	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
Bromodichloromethane, Total, (ug/l)	<2.2	<2.2	<2.2	<2.2	<0.50	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
Bromoform, Total, (ug/l)	<4.7	<4.7	<4.7	<4.7	<0.50	<5.0	<5.0	<2.0	<2.0	--	--	<2.0
Carbon Tetrachloride, Total, (ug/l)	<2.8	<2.8	<2.8	<2.8	<0.50	<2.0	<2.0	<5.0	<5.0	--	--	<5.0
Chlorobenzene, Total, (ug/l)	<6.0	<6.0	<6.0	<6.0	<0.50	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
Chloroethane, (ug/l)	--	--	--	--	<0.50	<5.0	<5.0	<2.0	<2.0	--	--	<5.0
Chloroform, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<0.50	<2.0	<2.0	<5.0	<5.0	--	--	<2.0
Ethyl-Benzene, Total, (ug/l)	<7.2	<7.2	<7.2	<7.2	<0.50	<2.0	<2.0	<5.0	<5.0	--	--	<2.0
Methylene Chloride, Total, (ug/l)	<2.8	<2.8	<2.8	<2.8	<0.50	<5.0	<5.0	<2.0	<2.0	<5.0	--	<10
Toluene, Total, (ug/l)	<6.0	<6.0	<6.0	<6.0	<0.50	<2.0	<2.0	<5.0	<5.0	<2.0	--	<2.0
Trichlorofluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride, Total, (ug/l)	<3.5	<3.5	<3.5	<3.5	<0.50	<5.0	<5.0	<2.0	2.1	--	--	<5.0
Chlorodibromomethane, Total, (ug/l)	<3.1	<3.1	<3.1	<3.1	<0.50	<2.0	<2.0	<10.0	<10.0	--	--	<2.0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	--	--	--	--	--	--	<5.0
Acetone, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	56
2-Butanone, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	53
Carbon Disulfide, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	<5.0
1,2 Dichloroethene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	--	--	--	--	<0.50	<2.0	<2.0	<2.0	<2.0	--	--	<2.0
2-Hexanone, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	<10
Styrene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	<2.0
Acrolein, Total, (ug/l)	<50.0	<50.0	<50.0	<50.0	<0.50	<10.0	<10.0	<5.0	<5.0	--	--	--
Acrylonitirile, Total, (ug/l)	<50.0	<50.0	<50.0	<50.0	<0.50	<10.0	<10.0	<10.0	<10.0	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	<5.2	<5.2	<5.2	<5.2	--	--	--	--	--	--	--	--
Methyl Chloride, Total, (ug/l)	<5.5	<5.5	<5.5	<5.5	--	--	--	--	--	--	--	--
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	<10.0	--	--	<10
Acenaphthylene, Total, (ug/l)	<3.5	<3.5	<3.5	<3.5	<10.0	--	--	--	<10.0	--	--	<10

Mesa 5 - Broadway and Dobson												
Sampling Station Identification Number	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5
Date of Sampling	12/4/92	12/8/92	1/6/93	2/8/93	11/13/93	2/7/94	3/7/94	3/25/94	4/26/94	5/25/94	11/12/94	12/5/94
Anthracene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	<10.0	--	--	<10
Benzidine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<20.0	--	--	--	--	--	--	<100
Benzoic Acid, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Benzo (a) Anthracene, Total, (ug/l)	<7.8	<7.8	<7.8	<7.8	<10.0	--	--	--	<10.0	--	--	<10
Benzo (b) Fluoranthene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<10.0	--	--	--	<10.0	--	--	<10
Benzo (ghi) Perylene, Total, (ug/l)	<4.1	<4.1	<4.1	<4.1	<10.0	--	--	--	<10.0	--	--	<10
Benzo (a) Pyrene, Total, (ug/l)	<2.5	<2.5	<2.5	2.9	<10.0	--	<20.0	<20.0	<10.0	<10	<5	<10
Benzyl Alcohol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<5.3	<5.3	<5.3	<5.3	<10.0	--	--	--	<10.0	--	--	<10
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<5.7	<5.7	<5.7	<5.7	<10.0	--	--	--	<10.0	--	--	<10
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<5.7	<5.7	<5.7	<5.7	<10.0	--	--	--	<10.0	--	--	<10
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	<2.5	<2.5	14	12	<10.0	--	--	--	<10.0	--	--	<10
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	<10.0	--	--	<10
Butyl Benzyl Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<10.0	--	--	--	<10.0	--	--	<20
2-Chloronapthalene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	<10.0	--	--	<10
2-Chlorophenol, Total, (ug/l)	<3.3	<3.3	<3.3	<3.3	<10.0	--	--	--	<50.0	--	--	<10
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<4.2	<4.2	<4.2	<4.2	<10.0	--	--	--	<10.0	--	--	<10
Chrysene, Total, (ug/l)	<2.5	<2.5	<2.5	6.2	<10.0	--	<20.0	<20.0	<10.0	<10	<5	<10
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	--	--	--	--	<10.0	--	--	--	<10.0	--	--	<20
Di-N-Butyl Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<10.0	--	--	--	<10.0	--	--	<20
1,3- Dichlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	<10.0	--	--	<10
1,4- Dichlorobenzene, Total, (ug/l)	<4.4	<4.4	<4.4	<4.4	<10.0	--	--	--	<10.0	--	--	<10
1,2- Dichlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	<10.0	--	--	<10
3,3'- Dichlorobenzidine, Total, (ug/l)	<17.0	<17.0	<17.0	<17.0	<20.0	--	--	--	<20.0	--	--	<40
2,4- Dichlorophenol, Total, (ug/l)	<2.7	<2.7	<2.7	<2.7	<10.0	--	--	--	<10.0	--	--	<10
Diethyl Phthalate, Total, (ug/l)	<22.0	<22.0	<22.0	<22.0	<10.0	--	--	--	<10.0	--	--	<10
2,4- Dimethylphenol, Total, (ug/l)	<2.7	<2.7	<2.7	<2.7	<10.0	--	--	--	<10.0	--	--	<20
Dimethyl Phthalate, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<10.0	--	--	--	<10.0	--	--	<10
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<24.0	<24.0	<24.0	<24.0	<30.0	--	--	--	<10.0	--	--	<40
2,4- Dinitrophenol, Total, (ug/l)	--	--	--	--	<50.0	--	--	--	--	--	--	<100
2,4- Dinitrotoluene, Total, (ug/l)	<5.7	<5.7	<5.7	<5.7	<10.0	--	--	--	<20.0	--	--	<10
2,6- Dinitrotoluene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	<10.0	--	--	<10
Di-N-Octyl-Phthalate, Total, (ug/l)	<2.5	<2.5	<2.5	<2.5	<10.0	--	--	--	<10.0	--	--	<40
Fluoranthene, Total, (ug/l)	<2.2	<2.2	<2.2	8	<10.0	--	<20.0	<20.0	<10.0	<10	<5	<10
Fluorene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	<10.0	--	--	<10
Hexachlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	<10.0	--	--	<10
Hexachlorobutadiene, Total, (ug/l)	<1.0	<1.0	<1.0	<1.0	<10.0	--	--	--	<10.0	--	--	<10
Hexachlorocyclopentadiene, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<10.0	--	--	--	--	--	--	<40
Hexachloroethane, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<10.0	--	--	--	--	--	--	<10
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<3.7	<3.7	<3.7	3.7	<10.0	--	<20.0	<20.0	<10.0	<10	<5	<20
Isophorone, Total, (ug/l)	<2.2	<2.2	<2.2	<2.2	<10.0	--	--	--	<10.0	--	--	<10
Naphthalene, Total, (ug/l)	<1.6	<1.6	<1.6	<1.6	<10.0	--	--	--	<10.0	--	--	<10
Nitrobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	<10.0	--	--	<40
2-Nitrophenol, Total, (ug/l)	<3.6	<3.6	<3.6	<3.6	<10.0	--	--	--	<10.0	--	--	<10

Mesa 5 - Broadway and Dobson												
Sampling Station Identification Number	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5
Date of Sampling	12/4/92	12/8/92	1/6/93	2/8/93	11/13/93	2/7/94	3/7/94	3/25/94	4/26/94	5/25/94	11/12/94	12/5/94
4-Nitrophenol, Total, (ug/l)	<2.4	<2.4	<2.4	<2.4	<10.0	--	--	--	<10.0	--	--	<100
N-Nitrosodiphenylamine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<20.0	--	--	--	--	--	--	<10
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<20.0	--	--	--	--	--	--	<10
Pentachlorophenol, Total, (ug/l)	<3.6	<3.6	<3.6	<3.6	<10.0	--	--	--	<10.0	--	--	<40
Phenanthrene, Total, (ug/l)	<5.4	<5.4	<5.4	<5.4	<10.0	--	--	--	<10.0	--	--	<10
Phenol, Total, (ug/l)	<1.5	<1.5	<1.5	<1.5	<10.0	--	--	--	<10.0	--	--	<10
Pyrene, Total, (ug/l)	<1.9	<1.9	<1.9	7.4	<10.0	--	<20.0	<20.0	<10.0	<10	<5	<10
1,2,4-Trichlorobenzene, Total, (ug/l)	<1.9	<1.9	<1.9	<1.9	<10.0	--	--	--	<10.0	--	--	<10
2,4,5- Trichlorophenol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	<2.7	<2.7	<2.7	<2.7	<10.0	--	--	--	<30.0	--	--	<20
N-Nitrosodimethylamine, Total, (ug/l)	<10.0	<10.0	<10.0	<10.0	<20.0	--	--	<2.0	<2.0	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	<20.0	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	<3.0	<3.0	<3.0	<3.0	--	--	--	--	--	--	--	--

Mesa 5 - Broadway and Dobson												
Sampling Station Identification Number	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5
Date of Sampling	**12/23/94**	**12/29/94**	**1/4/95**	**1/25/95**	**3/5/95**	**3/11/95**	**4/19/95**	**5/7/95**	**8/19/95**	**2/1/96**	**2/26/96**	**3/13/96**
Agency Collecting Sample	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	WESTECH	DEL MAR	DEL MAR	DEL MAR
Drainage Area (acres) (DA)	63	63	63	63	63	63	63	63	63	63	63	63
Impervious Area (acres) (IA)	56	56	56	56	56	56	56	56	56	56	56	56
Land Use - Residential	--	--	--	--	--	--	--	--	--	--	--	0
Land Use - Commercial	--	--	--	--	--	--	--	--	--	--	--	100
Land Use - Industrial	--	--	--	--	--	--	--	--	--	--	--	0
Land Use - Undeveloped	--	--	--	--	--	--	--	--	--	--	--	0
Sampling Duration (minutes)	186	246	538	422	332	628	526	452	170	870	176	1094
Storm Duration (minutes) (DRN)	UA	16	546	368	384	646	506	256	192	UA	139	1004
Runoff Sampled (cubic feet) (RUN)	84675	46700	53650	106724	81647	81105	47724	35517	107055	41224	128206	43430
Total Storm Runoff (cubic feet)	UA	47350	67000	131500	90500	101000	62200	36500	132000	UA	217500	44500
Instantaneous Discharge (cfs)	11.4	15.5	5.4	16.2	10.1	14.6	7.0	15.1	15.1	15.1	15.5	5.7
Preceeding Dry Period (days) (ANT)	18	6	6	21	39	6	39	18	8	86	25	16
Total Storm Rainfall (inch)	UA	0.12	0.19	0.49	0.24	0.27	0.19	0.09	0.36	UA	0.48	0.41
Rainfall Sampled (inch) (TRN)	0.32	0.12	0.18	0.49	0.23	0.26	0.19	0.09	0.35	0.5	0.48	0.41
Maximum 5-minute rain intensity (MAX5)	0.36	1.2	0.24	1.92	0.24	0.6	0.36	0.24	0.72	1.68	0.48	0.24
Sample Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)	7.26	7.8	7.84	7.79	7.24	7.86	7.47	6.9	7.15	7.9	8	7.7
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--	--	--	--	110	69	110
Oxygen Dissolved (% saturation)	--	--	--	--	--	--	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	--	--	--	--	--	--	--	--	--	<1.0	9.1	7.9
Electrical Conductivity (umhos/cm)	97	73	110	130	72	87	120	170	160	--	--	--
BOD5 (mg/l)	86	30	48	47	90	83	120	93	93	91	6	124
COD High Level (mg/l)	110	96	160	170	110	220	210	310	260	110	59	82
Chloride (mg/l as Cl)	3.9	3.1	4.3	3	2.9	3.5	5.2	7.4	9	3.2	4.6	5
Cyanide Total (mg/l as Cn)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	<0.025	<0.025
Fecal Coliform (CFU/100mL)	5	--	5	45	34	22	3400	200	74000	2400	>16000	900
Fecal Streptococci (CFU/100mL)	40	--	<1	240	49	370	4500	440	600	>16000	>16000	1600
Solids Residue at 180 Deg. C (TDS) (mg/l)	30	49	120	130	72	110	120	190	170	72	56	120
Residue, Total at 105 Deg. C (TSS) (mg/l)	25	71	99	400	37	200	80	40	120	180	19	98
Nitrogen No2 + No3, Total (mg/l as N)	0.81	0.6	0.77	<0.50	<0.50	0.64	0.88	1.5	1.9	0.5	0.32	0.49
TKN Nitrogen (mg/l as N)	3.6	1.3	2.9	1.9	2.7	2.2	3.7	5.6	4.4	2.2	2.2	1.1
Nitrogen, Ammonia + Organic, Total (mg/l as N)	3.6	1.3	2.9	1.9	2.7	2.2	3.7	5.6	4.4	1.9	2.12	0.93
Nitrogen Nitrate Total (mg/l as N)	--	--	--	--	--	--	--	--	1.8	0.5	0.32	0.49
Nitrogen Nitrite Total (mg/l as N)	--	--	--	--	--	--	--	--	0.05	<0.15	<0.15	<0.10
Nitrogen Ammonia Total (mg/l as N)	--	--	--	--	--	--	--	--	2.5	1.3	0.62	0.78
Nitrogen Organic Total (mg/l as N)	--	--	--	--	--	--	--	--	--	0.6	1.5	0.15
Phosphorous Total (mg/l as P)	0.32	0.31	0.35	0.42	0.33	0.32	0.46	0.41	1	--	0.19	0.29
Phosphorous Dissolved (mg/l as P)	0.27	0.1	0.21	0.1	0.15	0.14	0.28	<0.10	0.68	--	0.16	0.15

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Sampling Station Identification Number	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5
Date of Sampling	12/23/94	12/29/94	1/4/95	1/25/95	3/5/95	3/11/95	4/19/95	5/7/95	8/19/95	2/1/96	2/26/96	3/13/96
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	12	9.8	13	9.5	8.2	11	9.9	15	13	5.3	6.2	5.8
Hexavalent Chromium Total (mg/l)	--	--	--	--	--	--	--	--	--	<0.025	<0.025	<0.025
Phenols Total Recoverable (ug/l)	--	--	--	<10	<10	<10	20	--	<10	--	<100	<100
Oil and Grease Total Recoverable (mg/l)	350	500	7.7	9.5	14	<1.0	3.8	7.2	1300	--	2.5	20
Organic Carbon, Total (mg/l)	--	--	--	--	--	--	--	--	--	--	--	26
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)	--	--	--	--	--	--	--	--	--	31	17	32
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--	--	--	--	--	--	--
Hardness (mg/l)	--	--	--	--	--	--	--	--	--	66	21	47
Antimony (ug/l as Sb)	--	--	--	--	--	--	--	--	--	<50	<50	<50
Antimony Dissolved (ug/l as Sb)	--	--	--	--	--	--	--	--	--	<50	<50	<50
Arsenic Total (ug/l as As)	--	<50	<50	<50	<50	<50	<50	<50	<50	<10	<10	<10
Arsenic Dissolved (ug/l as As)	--	<5	<5	<5	<5	<5	<5	--	<5	<10	<10	<10
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	--	--	--	--	--	--	--	--	--	<5	<5	<5
Beryllium Dissolved (ug/l as Be)	--	--	--	--	--	--	--	--	--	<4	<5	<5
Cadmium Total Recoverable (ug/l as Cd)	--	<40	<40	<40	<40	<40	<40	<40	<40	<5	<5	<5
Cadmium Dissolved (ug/l as Cd)	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--	0.7	<5	<5	<4
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	--	<50	<50	<50	<50	<50	<50	<50	<50	8.8	<5	6.4
Chromium Dissolved (ug/l as Cr)	--	<5	<5	<5	<5	<5	<5	--	<5	9.2	<5	<5
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	--	<50	<50	<50	<50	<50	<50	<50	<50	54	<50	<50
Copper, Dissolved, (ug/l as Cu)	--	<50	<50	<50	<50	<50	<50	--	<50	<50	<50	<50
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	--	<50	<50	<50	<50	<50	<50	<50	<50	54	6.5	22
Lead, Dissolved, (ug/l as Pb)	--	<5	<5	<5	<5	<5	<5	--	5	<5	<5	<10
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)	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.2	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)	--	--	--	--	--	--	--	--	--	<0.2	<0.2	<0.2
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	--	--	--	--	--	--	--	--	--	<50	<50	<50
Nickel, Dissolved, (ug/l as Ni)	--	--	--	--	--	--	--	--	--	<50	<50	<50
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	--	--	--	--	--	--	--	--	--	<20	<20	<20
Selenium, Dissolved, (ug/l as Se)	--	--	--	--	--	--	--	--	--	<20	<20	<20
Silver, Total Recoverable, (ug/l as Ag)	--	--	--	--	--	--	--	--	--	<10	<5	<10

Mesa 5 - Broadway and Dobson												
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Date of Sampling	12/23/94	12/29/94	1/4/95	1/25/95	3/5/95	3/11/95	4/19/95	5/7/95	8/19/95	2/1/96	2/26/96	3/13/96
Silver, Dissolved, (ug/l as Ag)	--	--	--	--	--	--	--	--	--	<10	<5	<10
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	--	--	--	--	--	--	--	--	--	<2	<20	<50
Thallium, Dissolved, (ug/l as Tl)	--	--	--	--	--	--	--	--	--	<2	<20	<50
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	--	90	200	<50	90	240	150	190	<660	380	93	200
Zinc, Dissolved, (ug/l as Zn)	--	<50	<50	<50	60	<50	<50	--	210	83	58	50
Diazinon, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<0.02	--	<0.11	<0.05	<0.10	<0.11	<0.10	--	--	--	--	--
BHC - ALPHA, (ug/l)	<0.02	--	<0.055	<0.05	<0.050	<0.055	<0.050	--	--	--	--	--
BHC - Gamma (Lindane), (ug/l)	<0.02	--	<0.055	<0.05	<0.050	<0.055	<0.050	--	--	--	--	--
BHC - DELTA, (ug/l)	<0.02	--	<0.44	<0.05	<0.40	<0.44	<0.40	--	--	--	--	--
Aroclor 1016, PCB, Total, (ug/l)	<0.05	--	<1.1	<0.1	<1.0	<1.1	<1.0	--	--	--	--	--
Aroclor 1221, PCB, Total, (ug/l)	<0.05	--	<1.1	<0.1	<1.0	<1.1	<1.0	--	--	--	--	--
Aroclor 1232, PCB, Total, (ug/l)	<0.05	--	<1.1	<0.1	<1.0	<1.1	<1.0	--	--	--	--	--
Aroclor 1242, PCB, Total, (ug/l)	<0.05	--	<1.1	<0.1	<1.0	<1.1	<1.0	--	--	--	--	--
Aroclor 1248, PCB, Total, (ug/l)	<0.05	--	<1.1	<0.1	<1.0	<1.1	<1.0	--	--	--	--	--
Aroclor 1254, PCB, Total, (ug/l)	<0.05	--	<1.1	<0.1	<1.0	<1.1	<1.0	--	--	--	--	--
Aroclor 1260, PCB, Total, (ug/L)	<0.05	--	<1.1	<0.1	<1.0	<1.1	<1.0	--	--	--	--	--
Chlordane, Total, (ug/l)	<0.05	--	<0.17	<0.1	<0.15	<0.17	<0.15	--	--	--	--	--
P,P' DDD, Total, (ug/l)	<0.02	--	<0.11	<0.05	<0.10	<0.11	<0.10	--	--	--	--	--
P,P' DDE, Total, (ug/l)	<0.02	--	<0.055	<0.05	<0.050	<0.055	<0.050	--	--	--	--	--
P, P' DDT, Total, (ug/l)	<0.02	--	<0.11	<0.05	<0.10	<0.11	<0.10	--	--	--	--	--
Dieldrin, Total, (ug/l)	<0.02	--	<0.11	<0.05	<0.10	<0.11	<0.10	--	--	--	--	--
Endo-Sulfan Alpha, Total, (ug/l)	<0.02	--	<0.17	<0.05	<0.15	<0.17	<0.15	--	--	--	--	--
Endo-Sulfan Beta, Total, (ug/l)	<0.02	--	<0.11	<0.05	<0.10	<0.11	<0.10	--	--	--	--	--
Endo-Sulfan Sulfate, Total, (ug/l)	<0.02	--	<0.83	<0.05	<0.75	<0.83	<0.75	--	--	--	--	--
Endrin Aldehyde, Total, (ug/l)	<0.05	--	<0.28	<0.1	<0.25	<0.28	<0.25	--	--	--	--	--
Endrin, Total, (ug/l)	<0.02	--	<0.11	<0.05	<0.10	<0.11	<0.10	--	--	--	--	--
Heptachlor, Total, (ug/l)	<0.02	--	<0.11	<0.05	<0.10	<0.11	<0.10	--	--	--	--	--
Heptachlor Epoxide, Total, (ug/l)	<0.02	--	<0.11	<0.05	<0.10	<0.11	<0.10	--	--	--	--	--
Toxaphene, Total, (ug/l)	<0.05	--	<0.55	<0.1	<0.50	<0.55	<0.50	--	--	--	--	--
Methoxychlor, Total, (ug/l)	--	--	--	--	--	--	<10	--	--	--	--	--
Beta Benzene Hexachloride, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--

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Date of Sampling	12/23/94	12/29/94	1/4/95	1/25/95	3/5/95	3/11/95	4/19/95	5/7/95	8/19/95	2/1/96	2/26/96	3/13/96
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0	<2.0	<2.0	<2.0
1,1,1,2-Tetrachloroethane, Total,(ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	3.3	<2.0	<2.0	<2.0	<2.0
1,1,1- Trichloroethane, Total, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0	<2.0	<2.0	<2.0
1,1,2- Trichloroethane, Total, (ug/l)	<0.5	<4.0	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0	<2.0	<2.0	<2.0
Trichloroethene, Total, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0	<2.0	<2.0	<2.0
1,1- Dichloroethane, Total, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0	<2.0	<2.0	<2.0
1,1- Dichloroethene, Total, (ug/l)	<0.5	<4.0	<0.5	<0.5	<5.0	<5.0	<5.0	<0.5	<2.0	<2.0	<2.0	<2.0
1,2- Dichloroethane, Total, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0	<2.0	<2.0	<2.0
1,2- Dichloropropane, Total, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0	<2.0	<2.0	<2.0
2- Chloroethylvinyl Ether, Total, (ug/l)	--	--	<1	<20	<2.0	<2.0	<2.0	--	<5.0	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0	<2.0	<2.0	<2.0
trans-1,2- Dichloroethene, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0	<2.0	<2.0	<2.0
trans-1,3- Dichloropropene, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0	<2.0	<2.0	<2.0
Benzene, Total, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0	<2.0	<2.0	<2.0
Bromodichloromethane, Total, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0	<2.0	<2.0	<2.0
Bromoform, Total, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride, Total, (ug/l)	<0.5	<2.0	<0.5	<0.5	<5.0	<5.0	<5.0	<0.5	<2.0	<5.0	<5.0	<5.0
Chlorobenzene, Total, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0	<2.0	<2.0	<2.0
Chloroethane, (ug/l)	<1	<4.0	<0.5	<0.5	<5.0	<5.0	<5.0	<1.0	<5.0	<2.0	<2.0	<2.0
Chloroform, Total, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0	<2.0	<2.0	<2.0
Ethyl-Benzene, Total, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0	<2.0	<2.0	<2.0
Methylene Chloride, Total, (ug/l)	<1	<10	<1	<1	<10	<10	<10	<1.0	<5.0	<10	<10	<10
Toluene, Total, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	2.2	<2.0	<2.0	<2.0	<2.0
Trichlorofluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride, Total, (ug/l)	<0.5	<4.0	<0.5	<0.5	<5.0	<5.0	<5.0	<0.5	<5.0	<5.0	<5.0	<5.0
Chlorodibromomethane, Total, (ug/l)	<0.5	<2.0	<0.5	<0.5	<2.0	<2.0	<2.0	<0.5	<2.0	<2.0	<2.0	<2.0
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	<5.0	--	--	<5.0	<5.0	<5.0	--	<5.0	<5.0	5.4	7.9
Acetone, Total, (ug/l)	--	--	--	--	84	44	49	--	--	<10	38	<10
2-Butanone, (ug/l)	--	--	--	--	28	<10	24	--	--	<10	<10	<10
Carbon Disulfide, Total, (ug/l)	--	--	--	--	<5.0	<5.0	<5.0	--	--	<5.0	<5.0	<5.0
1,2 Dichloroethene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes, Total, (ug/l)	<1	--	<1	<1	<2.0	<2.0	<2.0	<1.0	--	<2.0	<2.0	<2.0
2-Hexanone, Total, (ug/l)	--	--	--	--	<10	<10	<10	--	--	<10	<10	<10
Styrene, Total, (ug/l)	--	--	--	--	<2.0	<2.0	<2.0	--	--	<2.0	<2.0	<2.0
Acrolein, Total, (ug/l)	--	--	<50	<50	--	--	--	--	--	--	--	--
Acrylonitirile, Total, (ug/l)	--	--	<50	<50	--	--	--	--	--	--	--	--
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Methyl Bromide, Total, (ug/l)	--	--	--	--	--	--	--	--	<5.0	<5.0	<5.0	<5.0
Methyl Chloride, Total, (ug/l)	--	--	--	--	--	--	--	--	<5.0	<5.0	<5.0	<5.0
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Acenaphthylene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--

Mesa 5 - Broadway and Dobson												
Sampling Station Identification Number	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5
Date of Sampling	12/23/94	12/29/94	1/4/95	1/25/95	3/5/95	3/11/95	4/19/95	5/7/95	8/19/95	2/1/96	2/26/96	3/13/96
Anthracene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Benzidine, Total, (ug/l)	--	--	--	<20	<100	<100	<110	--	<100	--	--	--
Benzoic Acid, Total, (ug/l)	--	--	--	--	--	--	<110	--	<100	--	--	--
Benzo (a) Anthracene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Benzo (b) Fluoranthene, Total, (ug/l)	--	--	--	--	--	--	<11	--	<10	--	--	--
Benzo (k) Fluoranthene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Benzo (ghi) Perylene, Total, (ug/l)	--	--	--	2	<10	<10	<11	--	<10	--	--	--
Benzo (a) Pyrene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Benzyl Alcohol, Total, (ug/l)	--	--	--	--	--	--	<21	--	<10	--	--	--
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	--	--	--	30	44	46	49	--	47	--	--	--
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Butyl Benzyl Phthalate, Total, (ug/l)	--	--	--	<2	<20	<20	<21	--	<20	--	--	--
2-Chloronapthalene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
2-Chlorophenol, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Chrysene, Total, (ug/l)	--	--	--	5	<10	<10	<11	--	<10	--	--	--
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	--	--	--	<2	<20	<20	<21	--	<20	--	--	--
Di-N-Butyl Phthalate, Total, (ug/l)	--	--	--	<2	<20	<20	<21	--	<20	--	--	--
1,3- Dichlorobenzene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
1,4- Dichlorobenzene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
1,2- Dichlorobenzene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
3,3'- Dichlorobenzidine, Total, (ug/l)	--	--	--	<5	<40	<40	<43	--	<40	--	--	--
2,4- Dichlorophenol, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Diethyl Phthalate, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
2,4- Dimethylphenol, Total, (ug/l)	--	--	--	<2	<20	<20	<21	--	<20	--	--	--
Dimethyl Phthalate, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	--	--	--	<5	<40	<40	<43	--	<40	--	--	--
2,4- Dinitrophenol, Total, (ug/l)	--	--	--	<10	<100	<100	<110	--	<100	--	--	--
2,4- Dinitrotoluene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
2,6- Dinitrotoluene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Di-N-Octyl-Phthalate, Total, (ug/l)	--	--	--	<2	<40	<40	<43	--	<40	--	--	--
Fluoranthene, Total, (ug/l)	--	--	--	3	<10	<10	<11	--	<10	--	--	--
Fluorene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Hexachlorobenzene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Hexachlorobutadiene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Hexachlorocyclopentadiene, Total, (ug/l)	--	--	--	<2	<40	<40	<43	--	<40	--	--	--
Hexachloroethane, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	--	--	--	2	<20	<20	<21	--	<20	--	--	--
Isophorone, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Naphthalene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Nitrobenzene, Total, (ug/l)	--	--	--	<2	<40	<40	<43	--	<40	--	--	--
2-Nitrophenol, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--

Mesa 5 - Broadway and Dobson												
Sampling Station Identification Number	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5
Date of Sampling	12/23/94	12/29/94	1/4/95	1/25/95	3/5/95	3/11/95	4/19/95	5/7/95	8/19/95	2/1/96	2/26/96	3/13/96
4-Nitrophenol, Total, (ug/l)	--	--	--	<5	<100	<100	<110	--	<100	--	--	--
N-Nitrosodiphenylamine, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
N-Nitrosodi-N-Propylamine, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Pentachlorophenol, Total, (ug/l)	--	--	--	<5	<40	<40	<43	--	<40	--	--	--
Phenanthrene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Phenol, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
Pyrene, Total, (ug/l)	--	--	--	4	<10	<10	<11	--	<10	--	--	--
1,2,4-Trichlorobenzene, Total, (ug/l)	--	--	--	<2	<10	<10	<11	--	<10	--	--	--
2,4,5- Trichlorophenol, Total, (ug/l)	--	--	--	--	--	--	<21	--	<20	--	--	--
2,4,6- Trichlorophenol, Total, (ug/l)	--	--	--	<5	<20	<20	<21	--	<20	--	--	--
N-Nitrosodimethylamine, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	<2	--	--	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--

Mesa 5 - Broadway and Dobson						
Sampling Station Identification Number	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5	MESA_5
Date of Sampling	7/9/96	7/25/96	8/18/96	9/2/96	9/6/96	9/24/96
Agency Collecting Sample	FCD	FCD	FCD	FCD	FCD	FCD
Agency Analyzing Sample	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN	BOLIN
Drainage Area (acres) (DA)	63	63	63	63	63	63
Impervious Area (acres) (IA)	56	56	56	56	56	56
Land Use - Residential	0	0	0	0	0	0
Land Use - Commercial	100	100	100	100	100	100
Land Use - Industrial	0	0	0	0	0	0
Land Use - Undeveloped	0	0	0	0	0	0
Sampling Duration (minutes)	185	232	185	152	261	155
Storm Duration (minutes) (DRN)	66	322	49	58	225	21
Runoff Sampled (cubic feet) (RUN)	84000	136300	100000	128500	136300	230000
Total Storm Runoff (cubic feet)	205000	500000	510000	290000	UA	UA
Instantaneous Discharge (cfs)	11.6	16.2	11.3	16.1	15.0	12.2
Preceeding Dry Period (days) (ANT)	118	16	24	14	3	18
Total Storm Rainfall (inch)	0.22	0.57	0.13	0.23	0.15	0.1
Rainfall Sampled (inch) (TRN)	0.22	0.42	0.13	0.23	0.15	0.1
Maximum 5-minute rain intensity (MAX5)	1.92	2.04	0.6	2.04	0.36	
Sample Temperature (deg. C)	NM	NM	NM	NM	NM	NM
Effluent Temperature (deg. C)	NM	NM	NM	NM	NM	NM
Ambient Temperature (deg. C)	NM	NM	NM	NM	NM	NM
Barometric Pressure (mm Hg)	NM	NM	NM	NM	NM	NM
pH, Effluent (standard units)	NM	NM	NM	NM	NM	NM
pH, Lab (standard units)	6.7	7.2	7.3	7	6.3	7.6
Specific Conductance, FIELD (us/cm)	--	--	--	--	--	--
Specific Conductance, LAB (us/cm)	--	--	--	--	--	--
Oxygen Dissolved (% saturation)	--	--	--	--	--	--
Oxygen Dissolved (mg/l)	3.41	6.75	5.2	7.2	7.1	5.7
Electrical Conductivity (umhos/cm)	267	176	149	78.2	201	196
BOD5 (mg/l)	303	104	74	76	215	150
COD High Level (mg/l)	388	153	202	58	387	263
Chloride (mg/l as Cl)	30	27	7	--	18	13
Cyanide Total (mg/l as Cn)	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fecal Coliform (CFU/100mL)	--	16000	>160000	16000	>160000	3000
Fecal Streptococci (CFU/100mL)	>1600	90000	3000	9000	50000	>160000
Solids Residue at 180 Deg. C (TDS) (mg/l)	260	170	110	50	286	123
Residue, Total at 105 Deg. C (TSS) (mg/l)	80	88	36	118	56	202
Nitrogen No2 + No3, Total (mg/l as N)	4.3	1.53	2.06	4.6	3	1.7
TKN Nitrogen (mg/l as N)	9.95	4.7	6.2	3.7	8.48	5
Nitrogen, Ammonia + Organic, Total (mg/l as N)	15	4.7	6.2	3.7	8.48	5
Nitrogen Nitrate Total (mg/l as N)	4.3	1.53	2	4.6	3	1.7
Nitrogen Nitrite Total (mg/l as N)	0.34	<0.1	0.06	<0.1	<0.1	<0.1
Nitrogen Ammonia Total (mg/l as N)	5.05	2.32	2.1	1	4.61	2.2
Nitrogen Organic Total (mg/l as N)	9.95	2.38	4.1	2.7	3.87	2.8
Phosphorous Total (mg/l as P)	0.33	0.81	0.145	0.44	0.91	0.48
Phosphorous Dissolved (mg/l as P)	0.74	0.79	0.12	0.29	0.18	0.32

Mesa 5 - Broadway and Dobson						
Sampling Station Identification Number	**MESA_5**	**MESA_5**	**MESA_5**	**MESA_5**	**MESA_5**	**MESA_5**
Date of Sampling	**7/9/96**	**7/25/96**	**8/18/96**	**9/2/96**	**9/6/96**	**9/24/96**
Phosphorous Ortho (mg/l as P)	--	--	--	--	--	--
Sulfate Dissolved (mg/l)	1439	15	11	--	--	15
Hexavalent Chromium Total (mg/l)	<0.005	<0.005	<0.1	<0.005	<0.01	<0.01
Phenols Total Recoverable (ug/l)	20	<5	26	<5	20	45
Oil and Grease Total Recoverable (mg/l)	6	<5	<5.0	8	<5.0	<5.0
Organic Carbon, Total (mg/l)	--	56.7	38.1	13.3	100	6
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)	34	28	30	18	40	55
Silica Dissolved (mg/l as SiO2)	--	--	--	--	--	--
Hardness (mg/l)	103	54.8	54	30	96	105
Antimony (ug/l as Sb)	<5	<5	<5	<5	<5	<5
Antimony Dissolved (ug/l as Sb)	<5	<5	<5	<5	<5	<5
Arsenic Total (ug/l as As)	<5	<5	<5	<5	5	6
Arsenic Dissolved (ug/l as As)	6	<5	<5	<5	5	<5
Barium Dissolved (ug/l as Ba)	--	--	--	--	--	--
Beryllium Total Recoverable (ug/l as Be)	<2	<2	<2	<2	<2	<2
Beryllium Dissolved (ug/l as Be)	<2	<2	<2	2	<2	<2
Cadmium Total Recoverable (ug/l as Cd)	<4	<4	<4	<4	4	<4
Cadmium Dissolved (ug/l as Cd)	<4	<4	<4	<4	<4	<4
Calcium Dissolved (mg/l as Ca)	--	--	--	--	--	--
Chromium Total Recoverable (ug/l as Cr)	<5	5	6	<5	<5	21
Chromium Dissolved (ug/l as Cr)	<5	<5	14	<5	<5	<5
Cobalt Dissolved (ug/l as Co)	--	--	--	--	--	--
Copper, Total Recoverable, (ug/l as Cu)	69	36	33	15	54	73
Copper, Dissolved, (ug/l as Cu)	61	30	<10	<10	55	26
Iron, Dissolved, (ug/l as Fe)	--	--	--	--	--	--
Lead, Total Recoverable, (ug/l as Pb)	19	18	24	8	21	43
Lead, Dissolved, (ug/l as Pb)	16	6	<5	<5	12	<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)	<0.2	<0.2	0.2	<0.2	<0.2	<0.2
Mercury, Dissolved, (ug/l as Hg)	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Molybdenum, Dissolved, (ug/l as Mo)	--	--	--	--	--	--
Nickel, Total Recoverable, (ug/l as Ni)	<20	20	<20	<20	<20	<20
Nickel, Dissolved, (ug/l as Ni)	30	<20	<20	<20	<20	<20
Potassium, Dissolved, (mg/l as K)	--	--	--	--	--	--
Selenium, Total, (ug/l as Se)	<5	--	<5	<5	<5	<5
Selenium, Dissolved, (ug/l as Se)	<5	--	<5	<5	<5	<5
Silver, Total Recoverable, (ug/l as Ag)	<50	<50	<50	<50	<50	<50

Mesa 5 - Broadway and Dobson						
Sampling Station Identification Number	**MESA_5**	**MESA_5**	**MESA_5**	**MESA_5**	**MESA_5**	**MESA_5**
Date of Sampling	**7/9/96**	**7/25/96**	**8/18/96**	**9/2/96**	**9/6/96**	**9/24/96**
Silver, Dissolved, (ug/l as Ag)	<50	<50	<50	<50	<50	<50
Sodium, Dissolved, (mg/l as Na)	--	--	--	--	--	--
Strontium, Dissolved, (ug/l as Sr)	--	--	--	--	--	--
Thallium, Total, (ug/l as Tl)	<1	--	<1	<1	<1	<1
Thallium, Dissolved, (ug/l as Tl)	<2	<1	<1	<1	<1	<1
Vanadium, Dissolved, (ug/l as V)	--	--	--	--	--	--
Zinc, Total Recoverable, (ug/l as Zn)	500	270	230	90	540	410
Zinc, Dissolved, (ug/l as Zn)	470	220	60	150	550	100
Diazinon, Total, (ug/l)	--	--	--	--	--	--
Ethion, Total, (ug/l)	--	--	--	--	--	--
Malathion, Total, (ug/l)	--	--	--	--	--	--
Methyl Parathion, Total, (ug/l)	--	--	--	--	--	--
Parathion, Total, (ug/l)	--	--	--	--	--	--
Trithion, Total, (ug/l)	--	--	--	--	--	--
Di-syston, Total, (ug/l)	--	--	--	--	--	--
Phorate, Total, (ug/l)	--	--	--	--	--	--
Chlorpyrifos, Total, (ug/l)	--	--	--	--	--	--
DEF, Total, (ug/l)	--	--	--	--	--	--
Fonofos(Dy-fonate), WWT, (ug/l)	--	--	--	--	--	--
Aldrin, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BHC - ALPHA, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BHC - Gamma (Lindane), (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BHC - DELTA, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1016, PCB, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1221, PCB, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1232, PCB, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1242, PCB, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1248, PCB, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1254, PCB, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aroclor 1260, PCB, Total, (ug/L)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlordane, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
P,P' DDD, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
P,P' DDE, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
P, P' DDT, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dieldrin, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Endo-Sulfan Alpha, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Endo-Sulfan Beta, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Endo-Sulfan Sulfate, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Endrin Aldehyde, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Endrin, Total, (ug/l)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Heptachlor, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Heptachlor Epoxide, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Toxaphene, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methoxychlor, Total, (ug/l)	--	--	--	--	--	<0.5
Beta Benzene Hexachloride, Total, (ug/l)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Mesa 5 - Broadway and Dobson						
Sampling Station Identification Number	**MESA_5**	**MESA_5**	**MESA_5**	**MESA_5**	**MESA_5**	**MESA_5**
Date of Sampling	**7/9/96**	**7/25/96**	**8/18/96**	**9/2/96**	**9/6/96**	**9/24/96**
1,1,2,2-Tetrachloroethane, Total, (ug/l)	<2	<2	<2	<2	<2	<2
1,1,1,2-Tetrachloroethane, Total,(ug/l)	--	--	--	--	--	--
Tetrachloroethene, PCE, Total, (ug/l)	<2	<2	<2	<2	<2	<2
1,1,1- Trichloroethane, Total, (ug/l)	<2	<2	<2	<2	<2	<2
1,1,2- Trichloroethane, Total, (ug/l)	<2	<2	<2	<2	<2	<2
Trichloroethene, Total, (ug/l)	<2	<2	<2	<2	<2	<2
1,1- Dichloroethane, Total, (ug/l)	<2	<2	<2	<2	<2	<2
1,1- Dichloroethene, Total, (ug/l)	<2	<2	<2	<2	<2	<2
1,2- Dichloroethane, Total, (ug/l)	<2	<2	<2	<2	<2	<2
1,2- Dichloropropane, Total, (ug/l)	<2	<2	<2	<2	<2	<2
2- Chloroethylvinyl Ether, Total, (ug/l)	<2	<2	<2	<2	<2	<2
cis-1,3-Dichloropropene, (ug/l)	<2	<2	<2	<2	<2	<2
trans-1,2- Dichloroethene, (ug/l)	<2	<2	<2	<2	<2	<2
trans-1,3- Dichloropropene, (ug/l)	<2	<2	<2	<2	<2	<2
Benzene, Total, (ug/l)	<2	<2	<2	<2	<2	<2
Bromodichloromethane, Total, (ug/l)	<2	<2	<2	<2	<2	<2
Bromoform, Total, (ug/l)	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride, Total, (ug/l)	<2	<2	<2	<2	<2	<2
Chlorobenzene, Total, (ug/l)	<2	<2	<2	<2	<2	<2
Chloroethane, (ug/l)	<5	<5	<5	<5	<5	<5
Chloroform, Total, (ug/l)	<2	<2	<2	<2	<2	<2
Ethyl-Benzene, Total, (ug/l)	<2	<2	<2	<2	<2	<2
Methylene Chloride, Total, (ug/l)	--	--	--	--	--	--
Toluene, Total, (ug/l)	10.8	<2	<2	<2	<2	<2
Trichlorofluoromethane, Total, (ug/l)	<5	<5	<5	<5	<5	<5
Vinyl Chloride, Total, (ug/l)	<5	<5	<5	<5	<5	<5
Chlorodibromomethane, Total, (ug/l)	<2	<2	<2	<2	<2	<2
4- Methyl, 2- Pentanone, (MIBK), Total, (ug/L)	--	--	--	--	--	--
Acetone, Total, (ug/l)	<10	<10	<10	<10	<10	<10
2-Butanone, (ug/l)	<10	<10	<10	<10	<10	<10
Carbon Disulfide, Total, (ug/l)	<10	<10	<10	<10	<10	<10
1,2 Dichloroethene, Total, (ug/l)	<2	<2	<2	<2	<2	<2
Xylenes, Total, (ug/l)	<2	<2	<2	<2	<2	<2
2-Hexanone, Total, (ug/l)	<10	<10	<10	<10	<10	<10
Styrene, Total, (ug/l)	<2	<2	<2	<2	<2	<2
Acrolein, Total, (ug/l)	<10	<10	<10	<10	<10	<10
Acrylonitirile, Total, (ug/l)	<10	<10	<10	<10	<10	<10
Bromobenzene, Water Whole, Total, (ug/l)	--	--	--	--	--	--
1,3-Dichloropropane, Water Whole, Total, (ug/l)	<2	<2	<2	<2	<2	<2
Methyl Bromide, Total, (ug/l)	<5	<5	<5	<5	<5	<5
Methyl Chloride, Total, (ug/l)	<5	<5	<5	<5	<5	<5
Parachloro Toluene, Total, (ug/l)	--	--	--	--	--	--
Dibromoethane, Total, (ug/l)	--	--	--	--	--	--
Acenaphthene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Acenaphthylene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0

Mesa 5 - Broadway and Dobson						
Sampling Station Identification Number	**MESA_5**	**MESA_5**	**MESA_5**	**MESA_5**	**MESA_5**	**MESA_5**
Date of Sampling	**7/9/96**	**7/25/96**	**8/18/96**	**9/2/96**	**9/6/96**	**9/24/96**
Anthracene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Benzidine, Total, (ug/l)	<50	<50	<2500	--	<50	<50
Benzoic Acid, Total, (ug/l)	34	26	<150	--	71	72
Benzo (a) Anthracene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Benzo (b) Fluoranthene, Total, (ug/l)	<5	<5	<250	--	<5	<5.0
Benzo (k) Fluoranthene, Total, (ug/l)	<5	<5	<250	--	<5	<5.0
Benzo (ghi) Perylene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Benzo (a) Pyrene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Benzyl Alcohol, Total, (ug/l)	4.4	<3	<150	--	<3	<3.0
Bis-(2-Chloroethoxy)-Methane, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Bis-(2-Chloroethyl)-Ether, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Bis-(2-Chloroisopropyl)-Ether, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Bis(2-Ethyl Hexyl) Phthalate, Total, (ug/l)	82	71	<150	--	69	50
4-Bromo-Phenyl Phenyl Ether, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Butyl Benzyl Phthalate, Total, (ug/l)	<5	<5	<250	--	<5	<5.0
2-Chloronapthalene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
2-Chlorophenol, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
4-Chloro-Phenyl Phenyl Ether, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Chrysene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Dibenzo-[a,h]-Anthracene, Total, (ug/l)	<5	<5	<250	--	<5	<5.0
Di-N-Butyl Phthalate, Total, (ug/l)	<3	<3	<150	--	4.6	<3.0
1,3- Dichlorobenzene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
1,4- Dichlorobenzene, Total, (ug/l)	<5	<5	<250	--	<5	<3.0
1,2- Dichlorobenzene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
3,3'- Dichlorobenzidine, Total, (ug/l)	<5	<5	<250	--	<5	<5.0
2,4- Dichlorophenol, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Diethyl Phthalate, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
2,4- Dimethylphenol, Total, (ug/l)	<5	<5	<250	--	<5	<5.0
Dimethyl Phthalate, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
2-Methyl-4,6-Dinitrophenol, Total, (ug/l)	<5	<5	<250	--	<5	<5.0
2,4- Dinitrophenol, Total, (ug/l)	<10	<10	<500	--	<10	<10
2,4- Dinitrotoluene, Total, (ug/l)	<5	<5	<250	--	<5	<5.0
2,6- Dinitrotoluene, Total, (ug/l)	<5	<5	<250	--	<5	<5.0
Di-N-Octyl-Phthalate, Total, (ug/l)	<5	<5	<250	--	<5	<5.0
Fluoranthene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Fluorene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Hexachlorobenzene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Hexachlorobutadiene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Hexachlorocyclopentadiene, Total, (ug/l)	<10	<10	<500	--	<10	<10
Hexachloroethane, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Indeno (1,2,3-CD) Pyrene, Total, (ug/l)	<5	<5	<250	--	<5	<5.0
Isophorone, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Naphthalene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Nitrobenzene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
2-Nitrophenol, Total, (ug/l)	<5	<5	<250	--	<5	<5.0

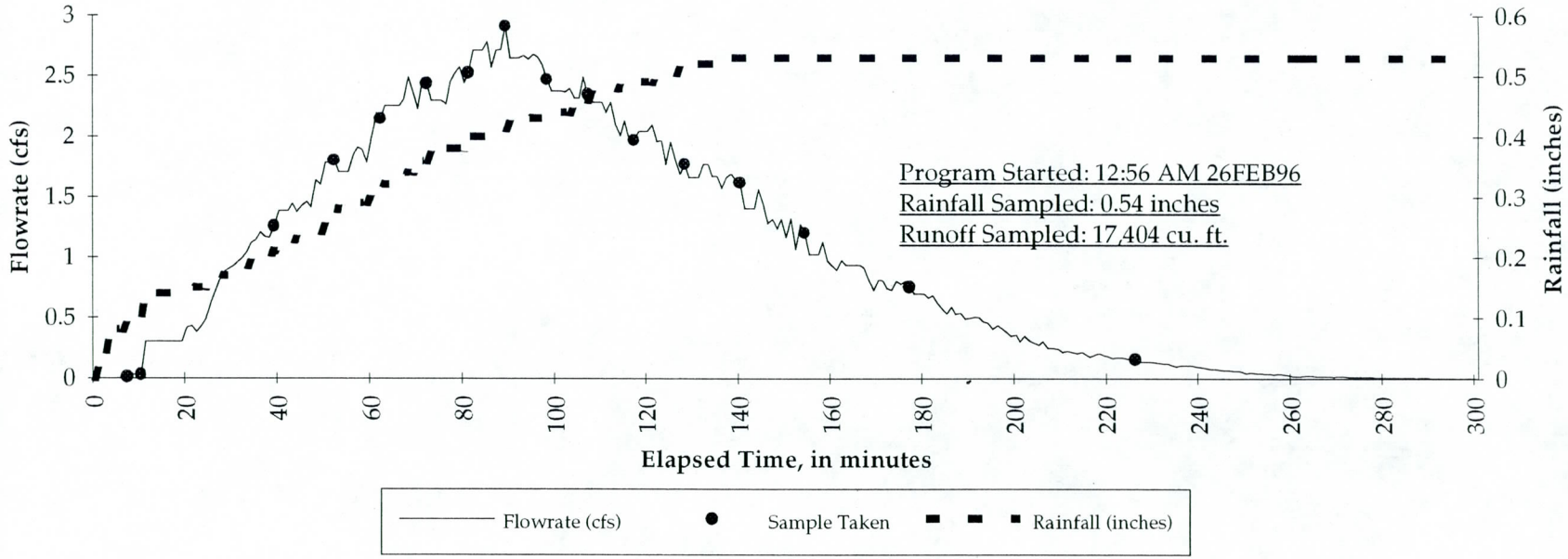
Mesa 5 - Broadway and Dobson						
Sampling Station Identification Number	**MESA_5**	**MESA_5**	**MESA_5**	**MESA_5**	**MESA_5**	**MESA_5**
Date of Sampling	**7/9/96**	**7/25/96**	**8/18/96**	**9/2/96**	**9/6/96**	**9/24/96**
4-Nitrophenol, Total, (ug/l)	<5	<5	<250	--	<5	<5.0
N-Nitrosodiphenylamine, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
N-Nitrosodi-N-Propylamine, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Pentachlorophenol, Total, (ug/l)	<5	<5	<250	--	<5	<5.0
Phenanthrene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Phenol, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
Pyrene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
1,2,4-Trichlorobenzene, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
2,4,5- Trichlorophenol, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
2,4,6- Trichlorophenol, Total, (ug/l)	<3	<3	<150	--	<3	<3.0
N-Nitrosodimethylamine, Total, (ug/l)	<5	<5	<250	--	<5	--
1,2- Diphenylhydrazine, Total, (ug/l)	--	--	--	--	--	--
Dichlorodifluoromethane, Total, (ug/l)	--	--	--	--	--	--
Parachloro-Meta-Cresol, Total, (ug/l)	--	--	--	--	--	--

STORM HYDROGRAPHS

Mesa 1
Horne and Sixth Street

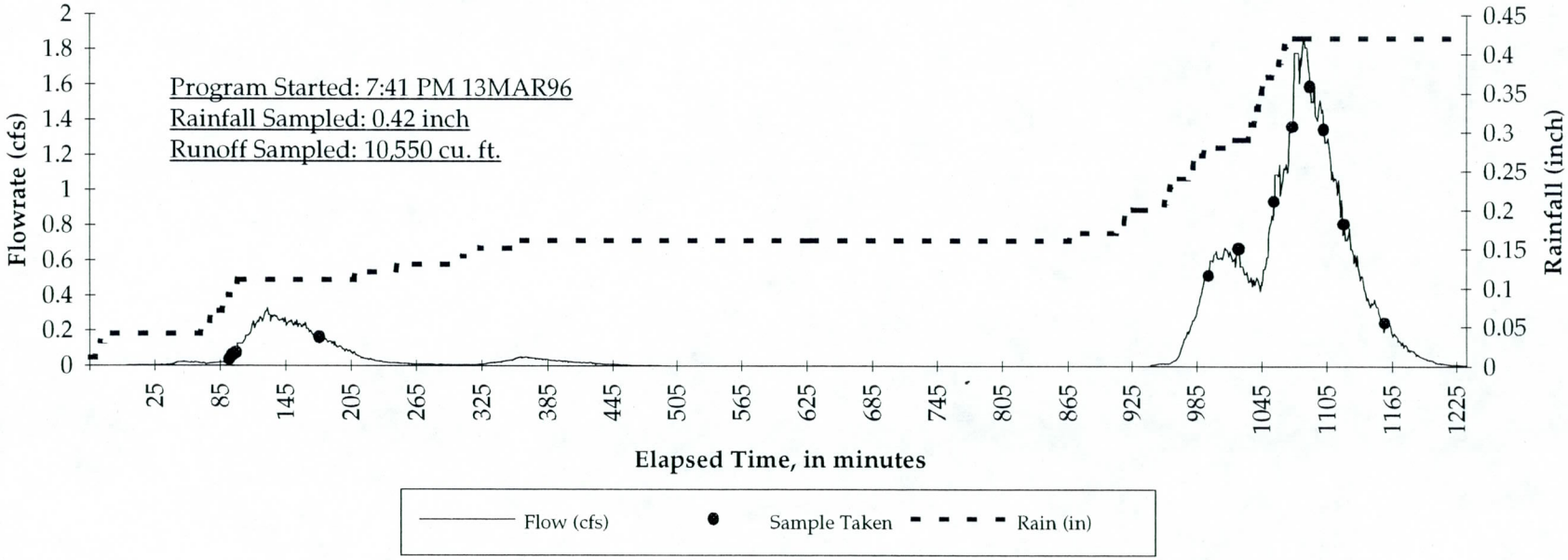
Mesa 1: Horne and Sixth Street

26 February 1996



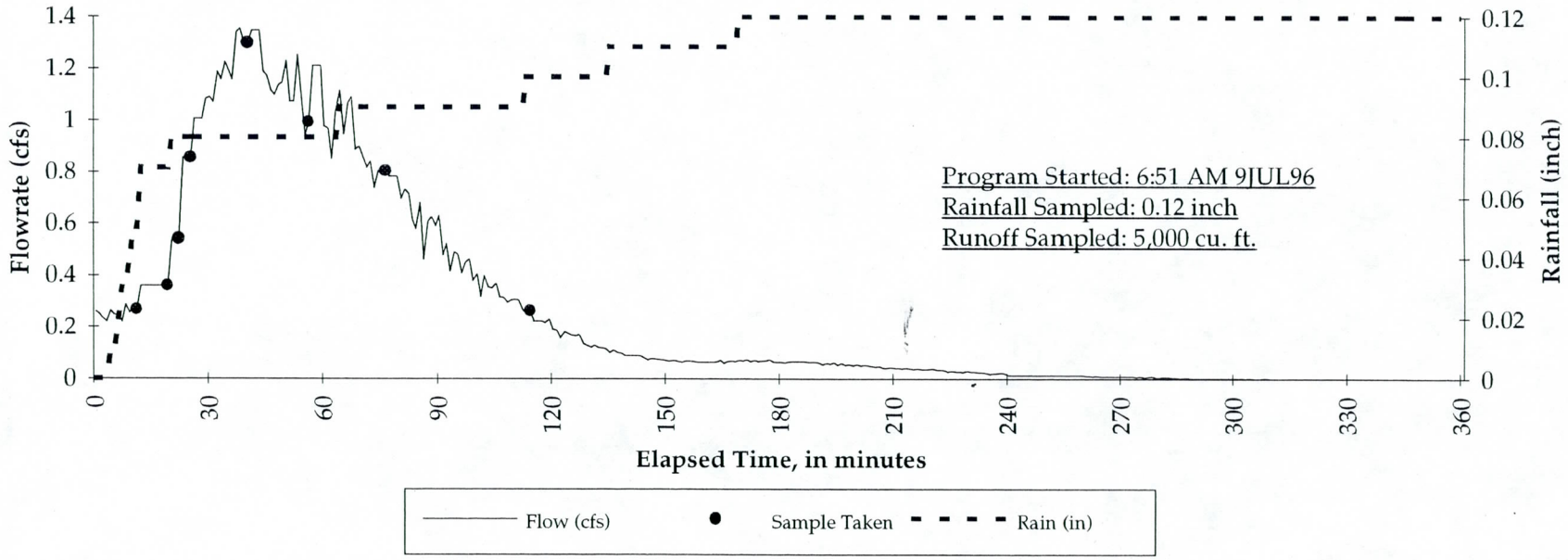
Mesa 1: Horne and Sixth Street

13 March 1996



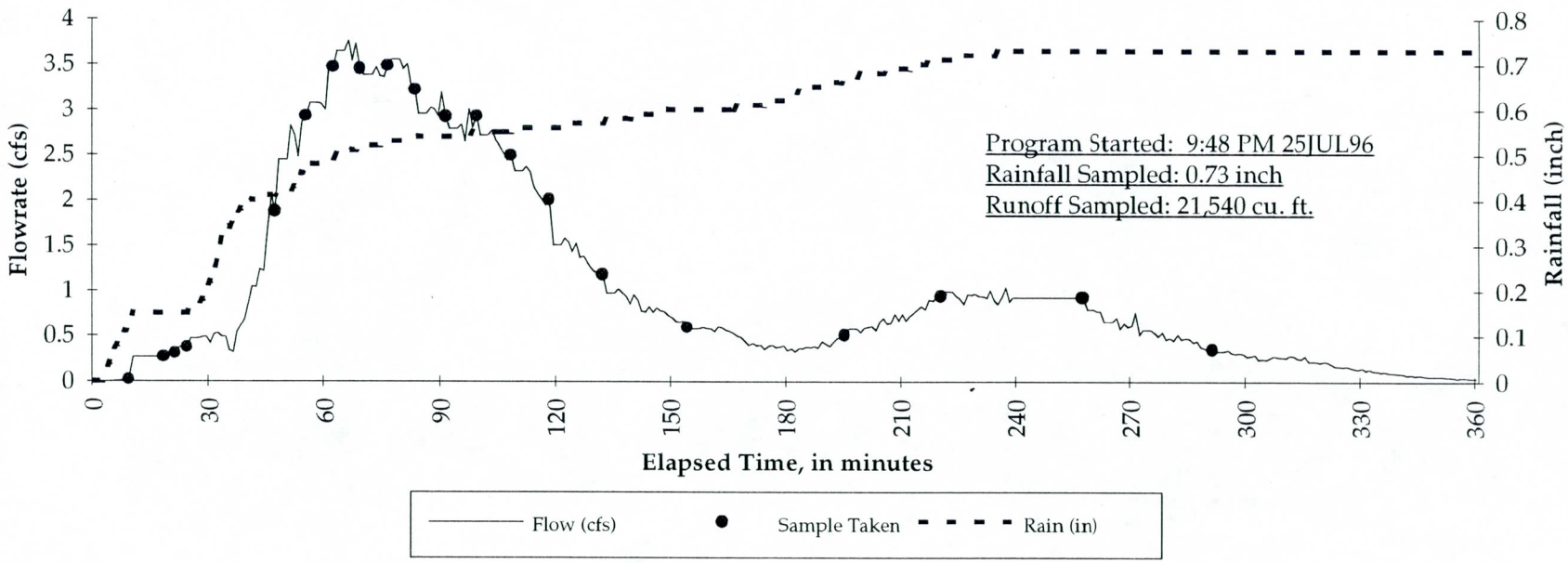
Mesa 1: Horne and Sixth Street

9 July 1996



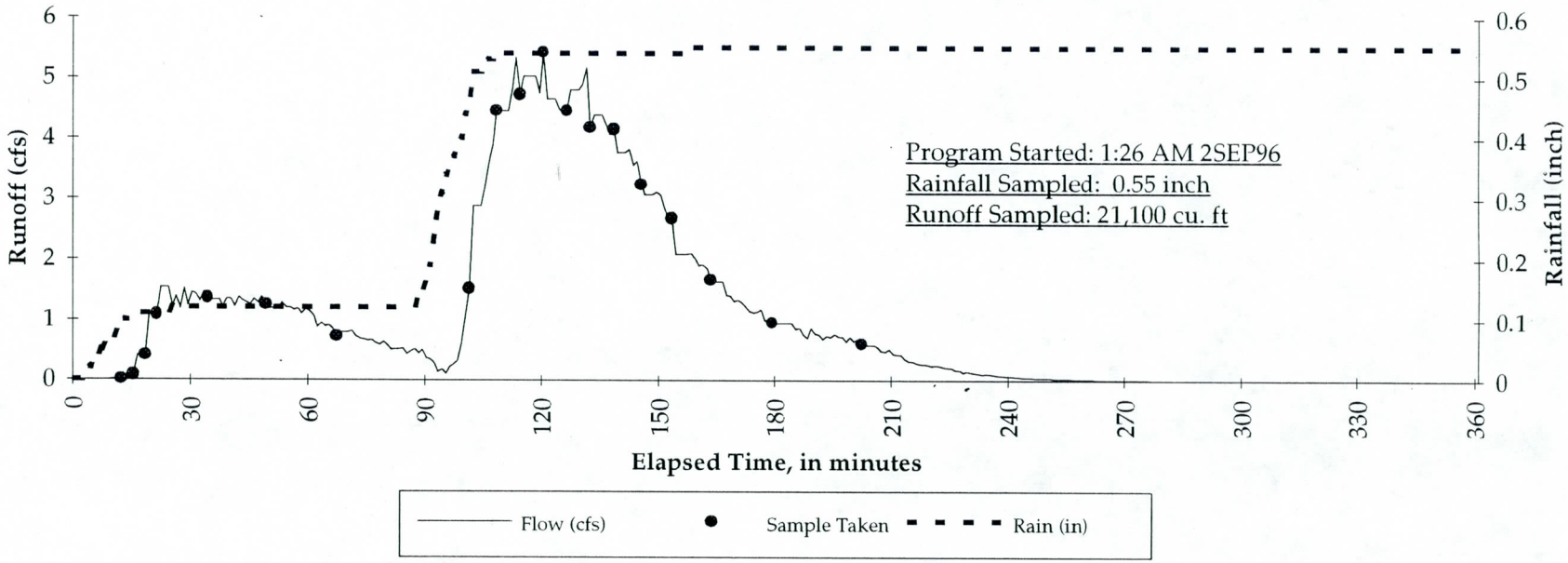
Mesa 1: Sixth and Horne

25 July 1996



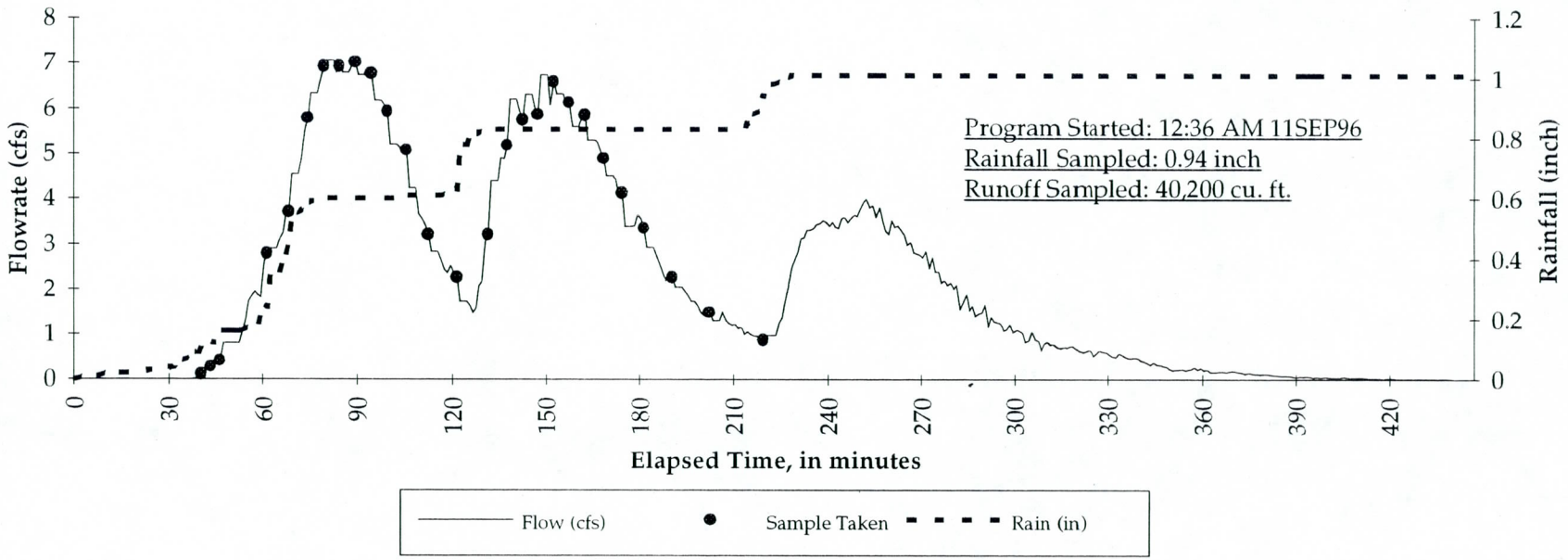
Mesa 1: Horne and Sixth Street

2 September 1996



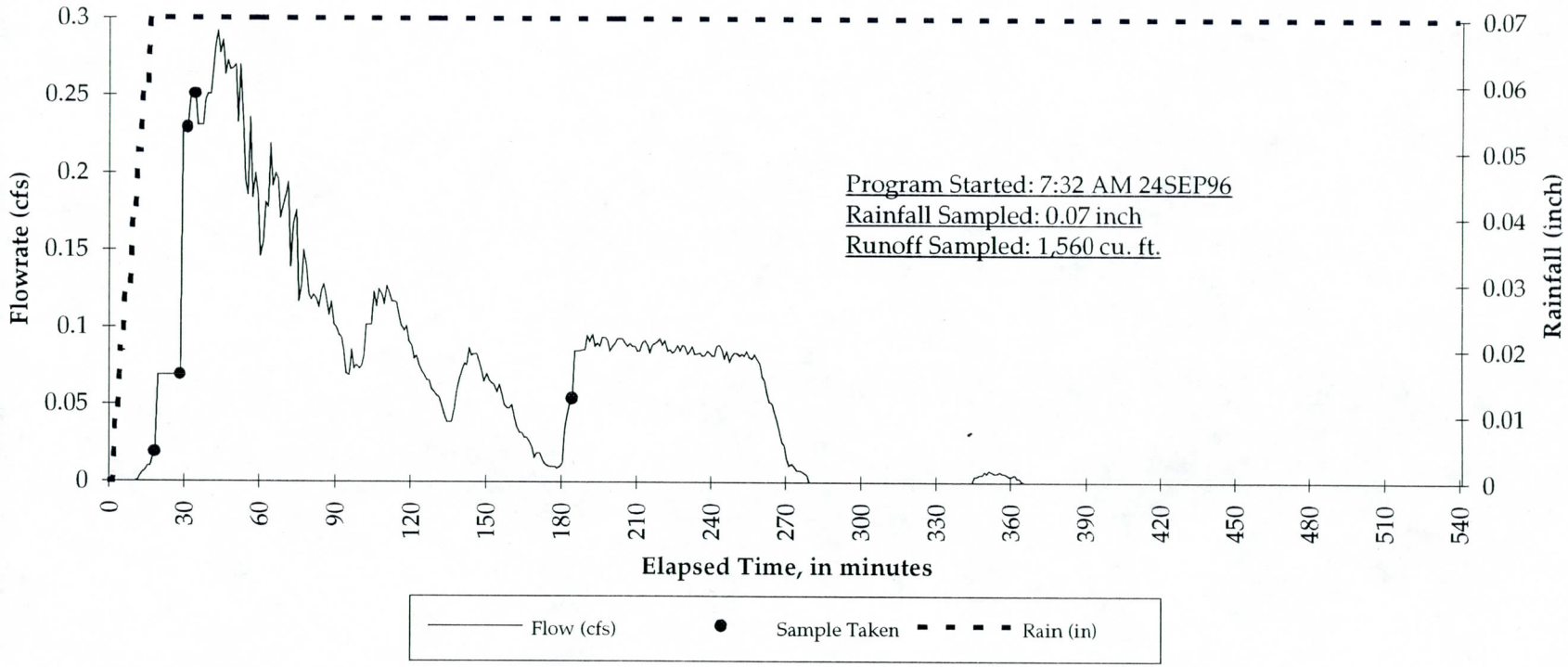
Mesa 1: Horne and Sixth Street

11 September 1996



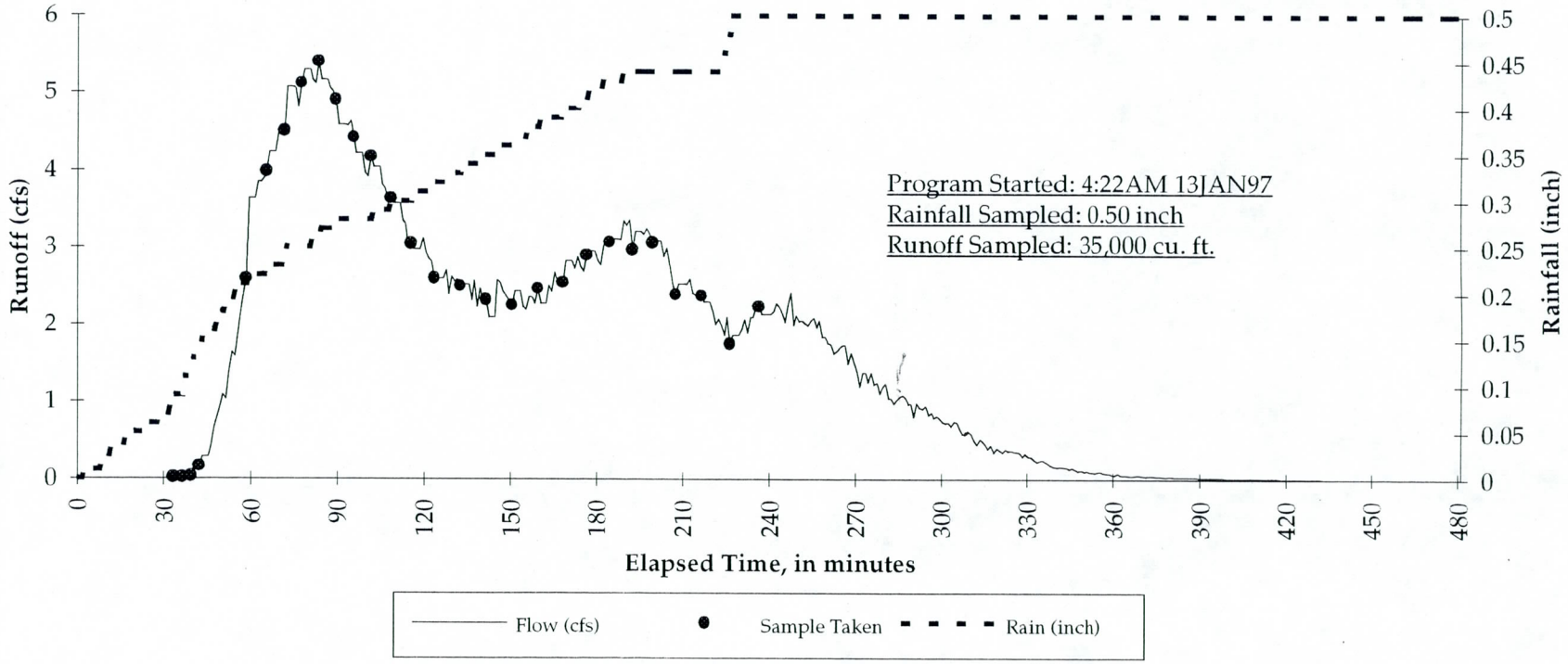
Mesa 1: Horne and Sixth

24 September 1996



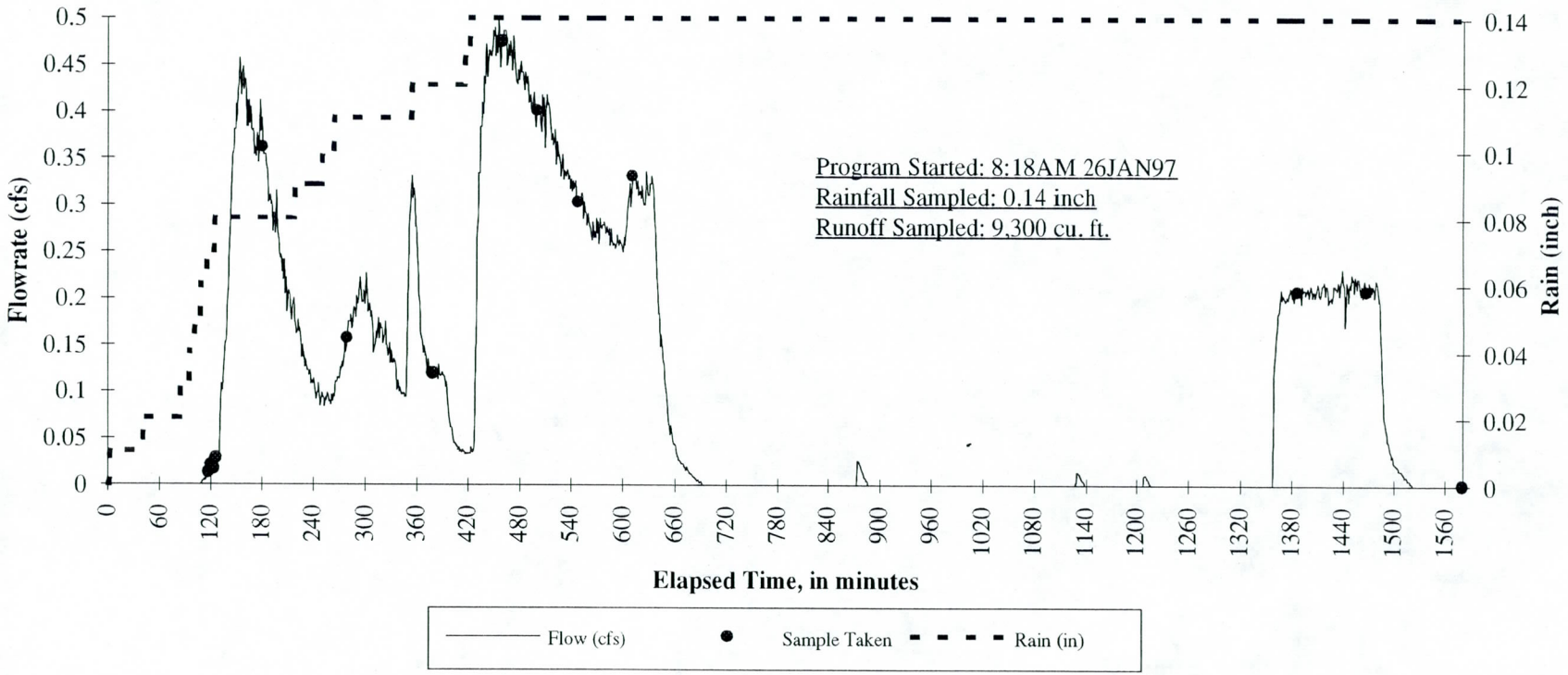
Mesa 1: Horne and Sixth Street

13 January 1997



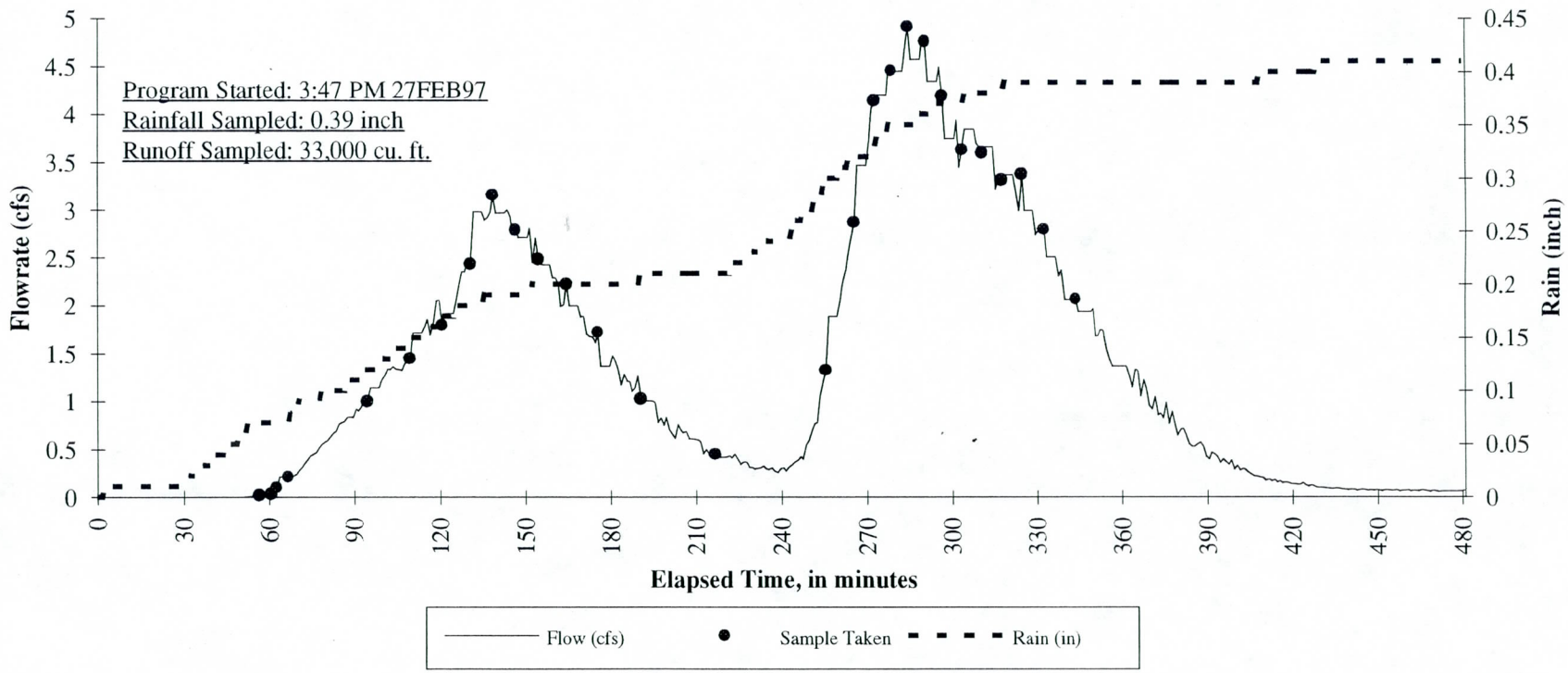
Mesa 1: Horne and Sixth

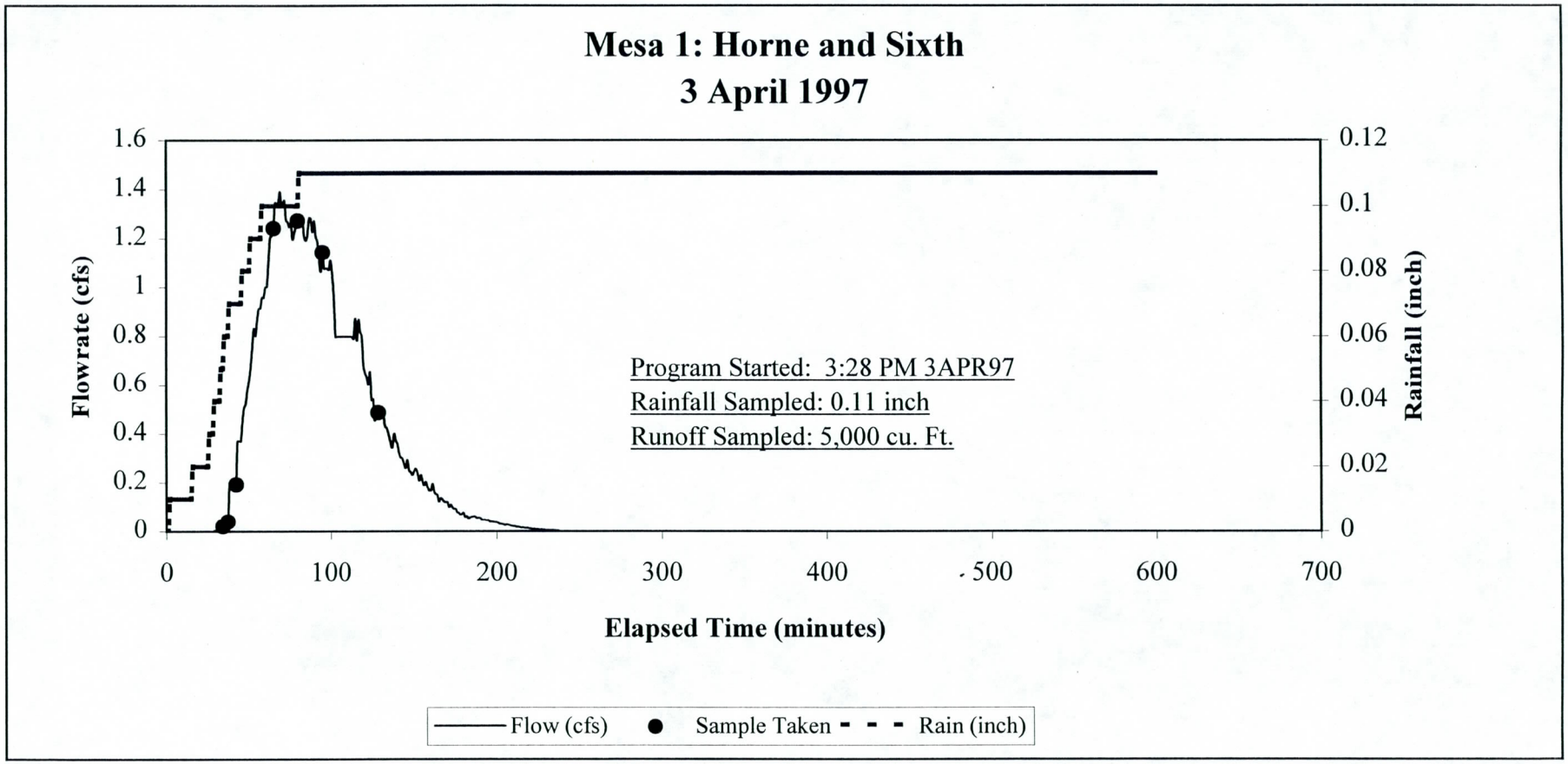
26 January 1997



Mesa 1: Sixth and Horne

27 February 1997

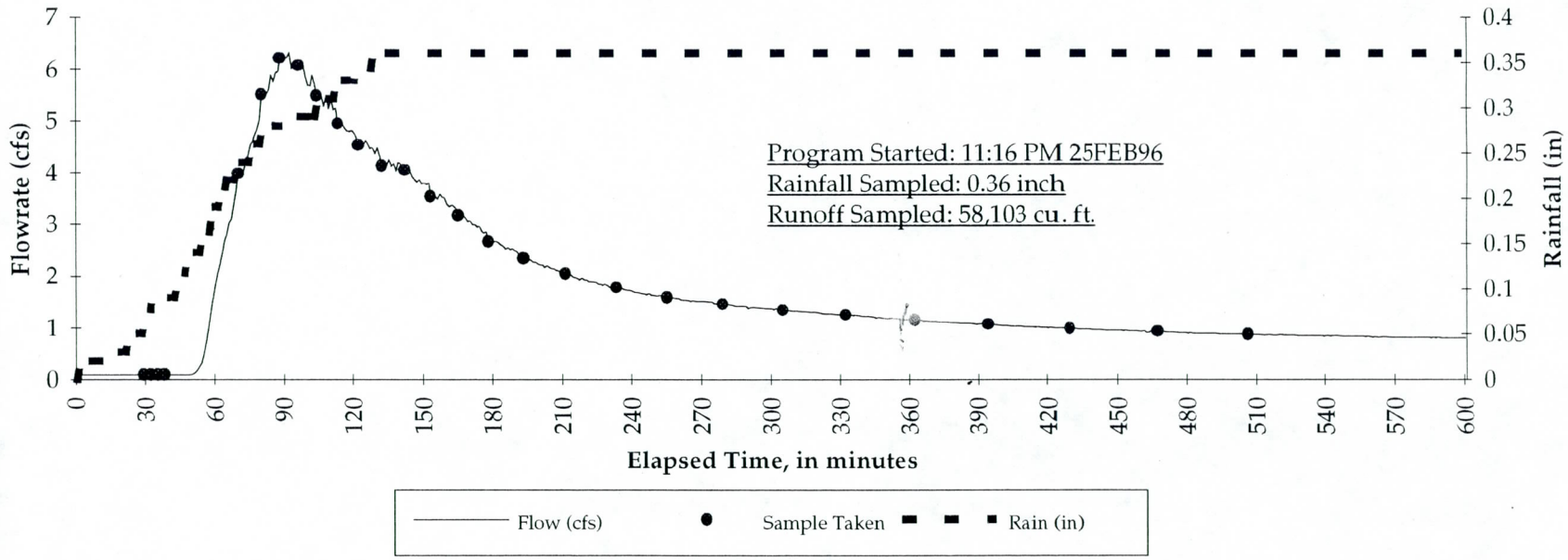



Mesa 1: Horne and Sixth
3 April 1997
Flowrate (cfs)
Rainfall (inch)
Elapsed Time (minutes)
Program Started: 3:28 PM 3APR97
Rainfall Sampled: 0.11 inch
Runoff Sampled: 5,000 cu. Ft.
Flow (cfs)
Sample Taken
Rain (inch)

Mesa 2
Broadway Road west of Lindsay

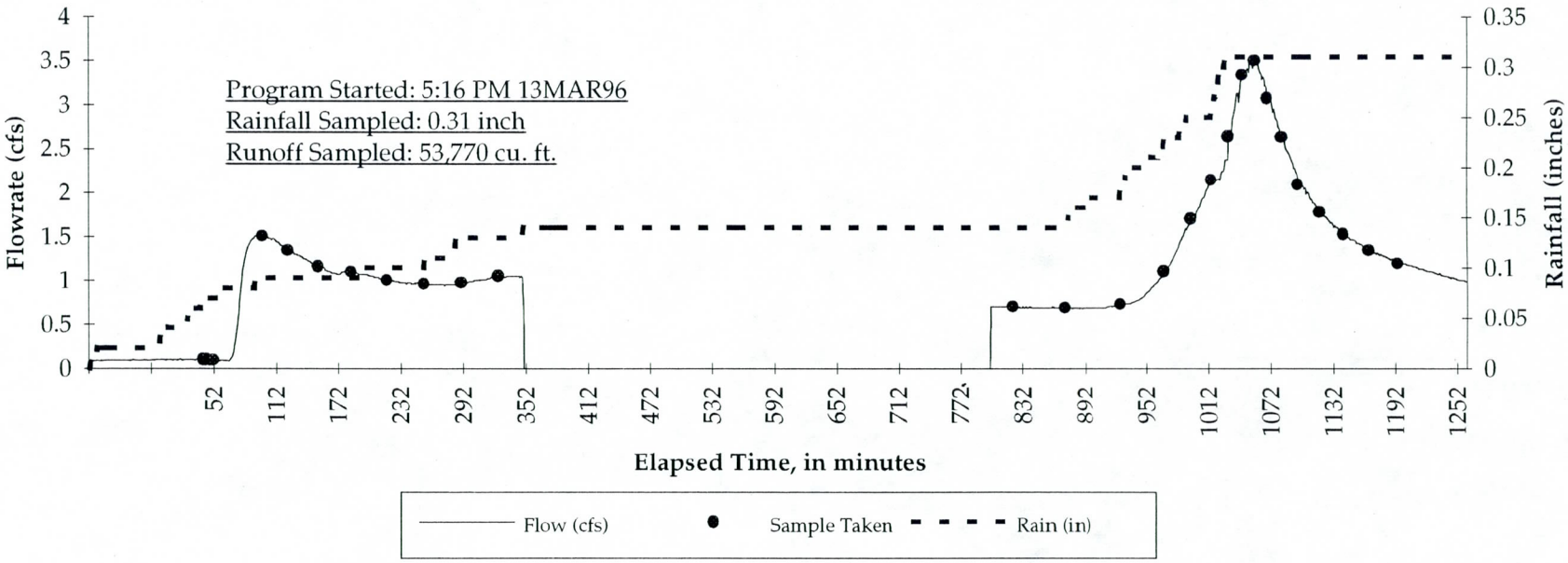
Mesa 2: Broadway and Lindsay

26 February 1996



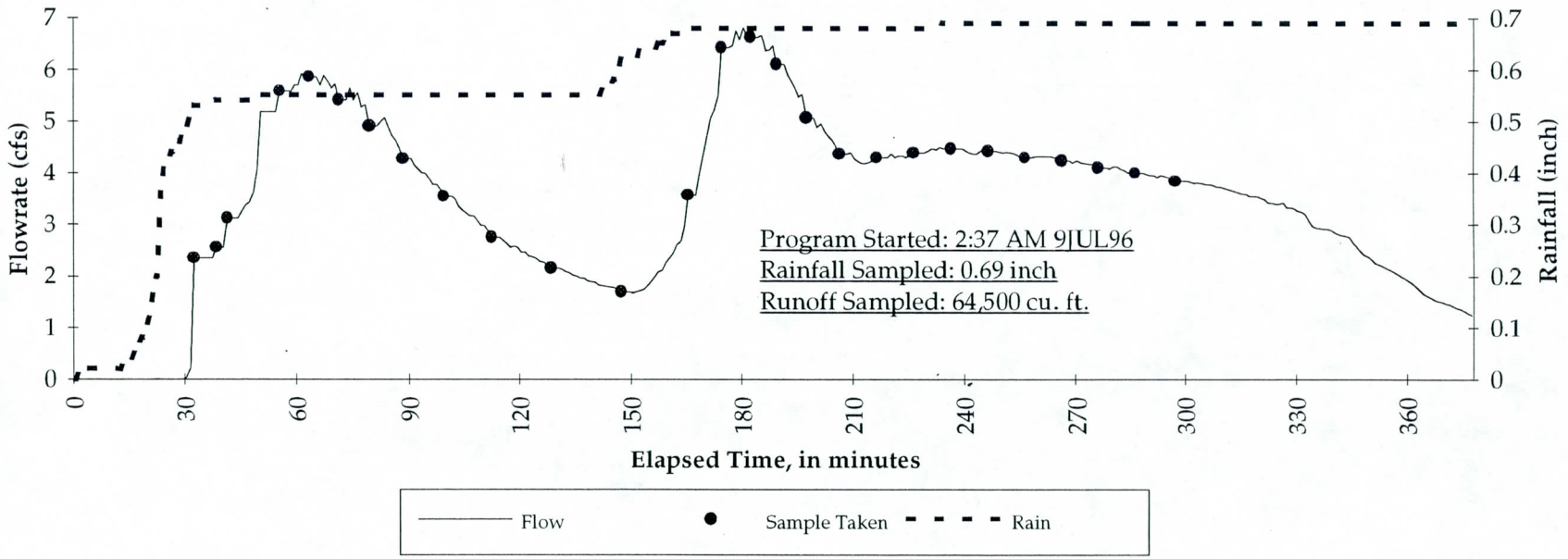
Mesa 2: Broadway and Lindsay

13 March 1996



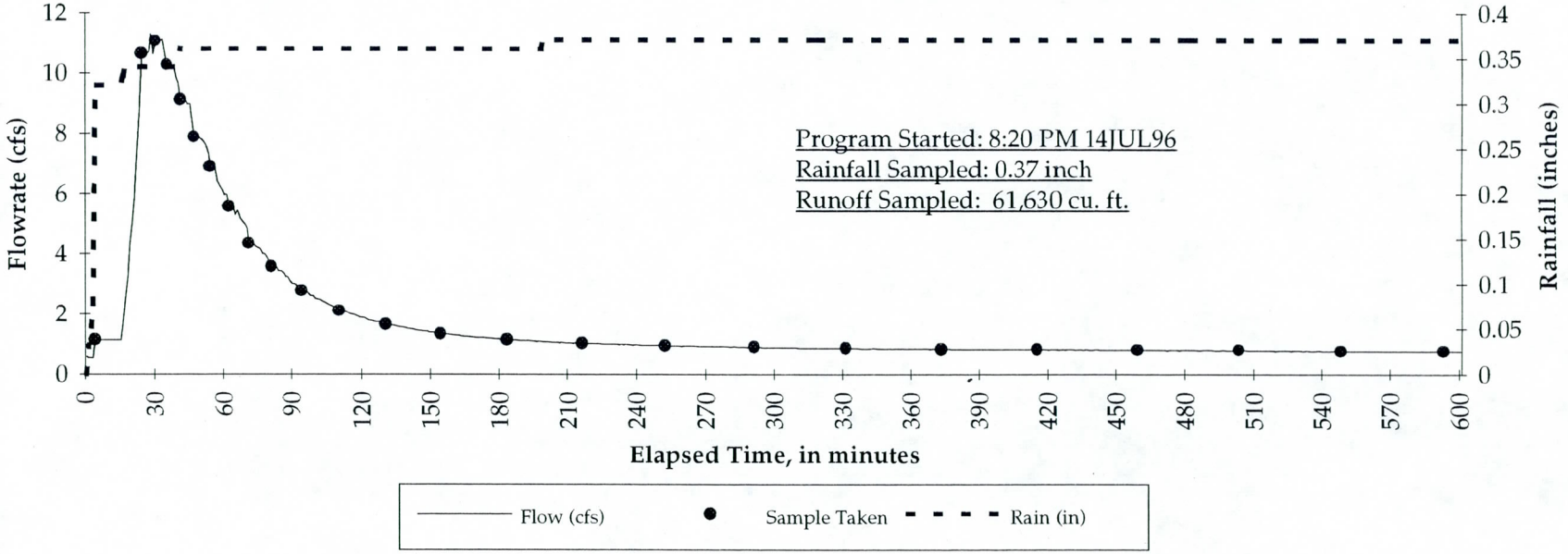
Mesa 2: Broadway and Lindsay

9 July 1996



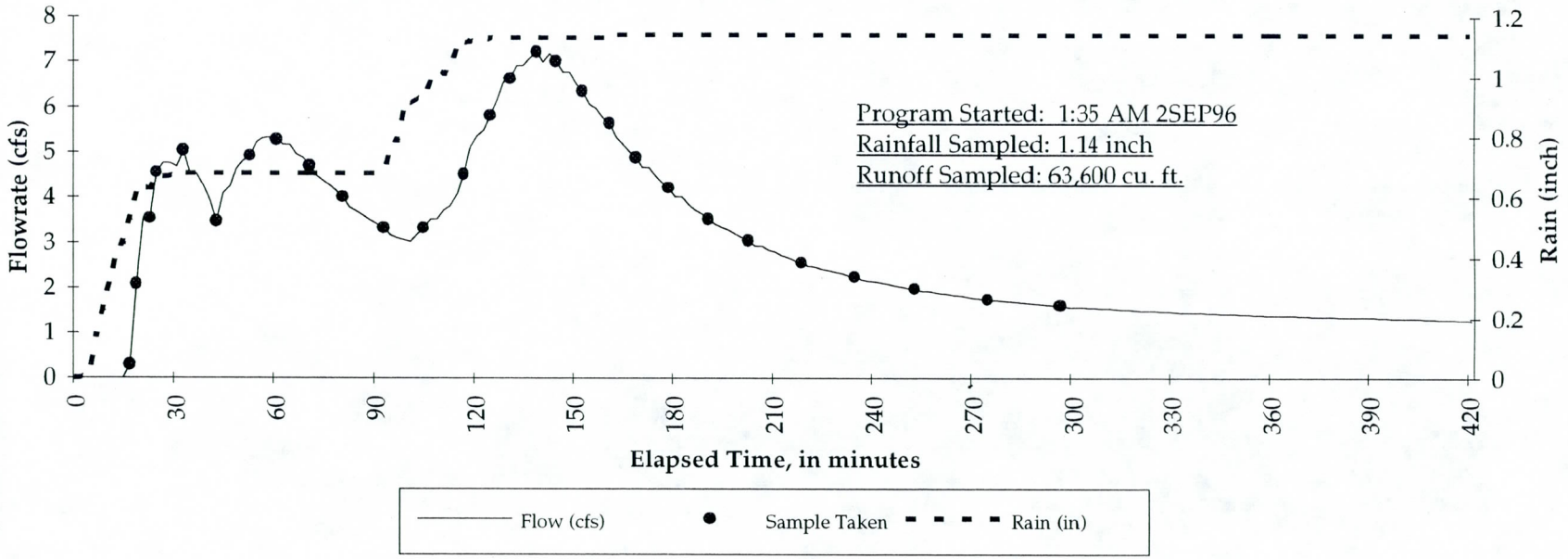
Mesa 2: Broadway and Lindsay

14 July 1996



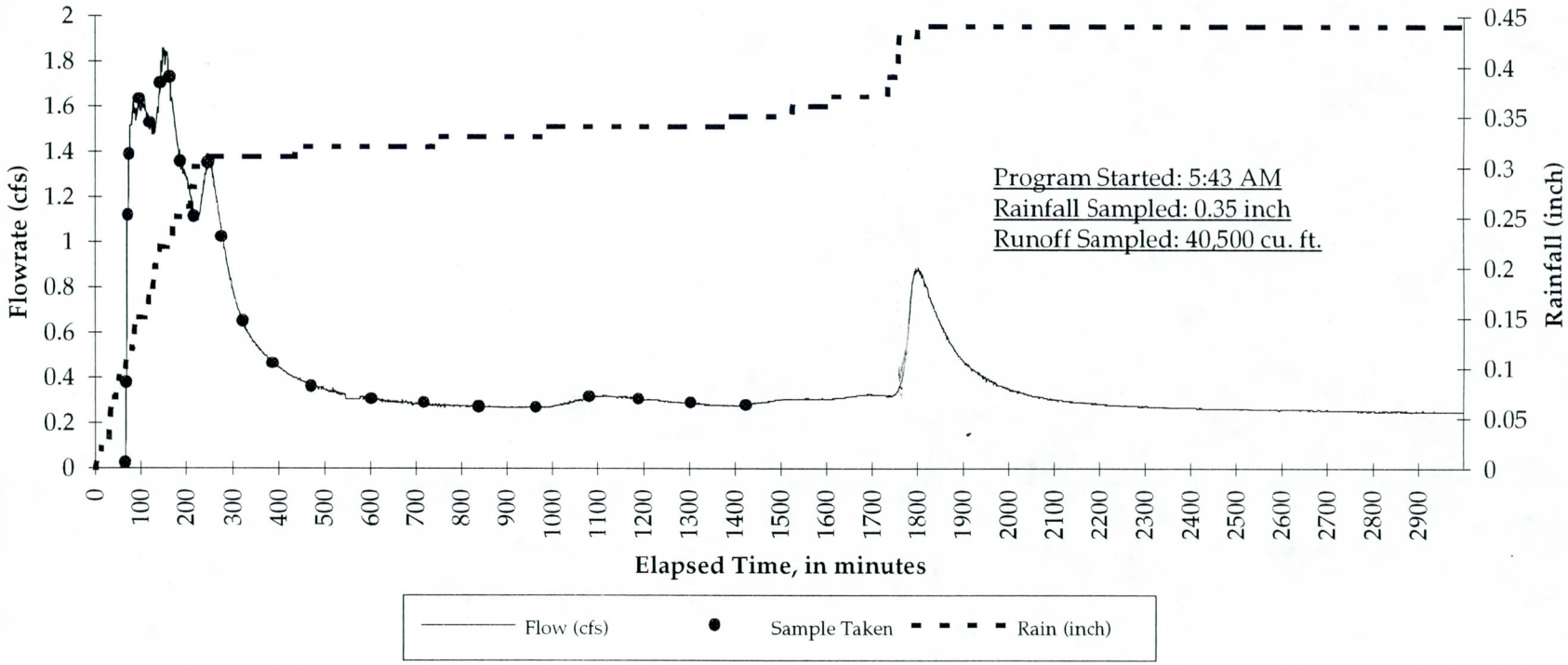
Mesa 2: Broadway and Lindsay

2 September 1996



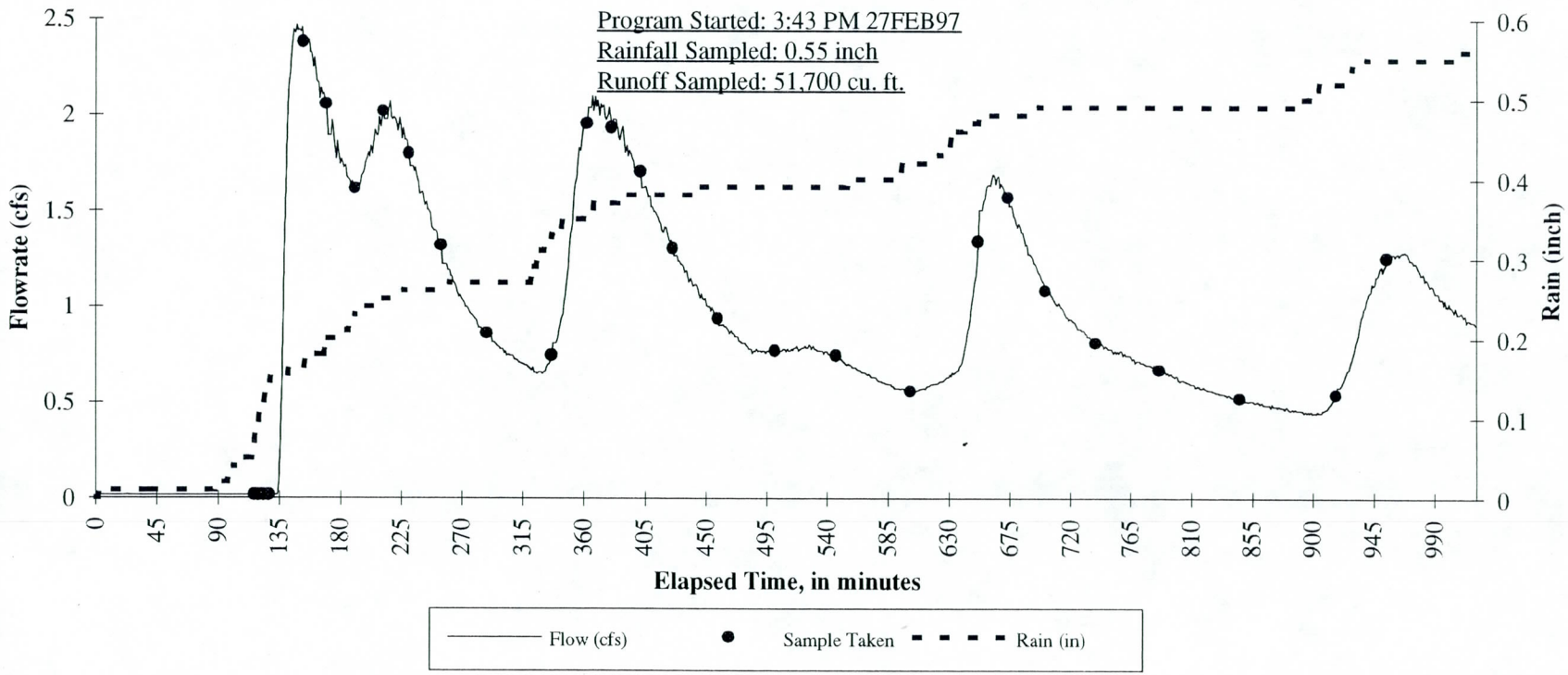
Mesa 2: Broadway and Lindsay

13 January 1997



Mesa 2: Broadway and Lindsay

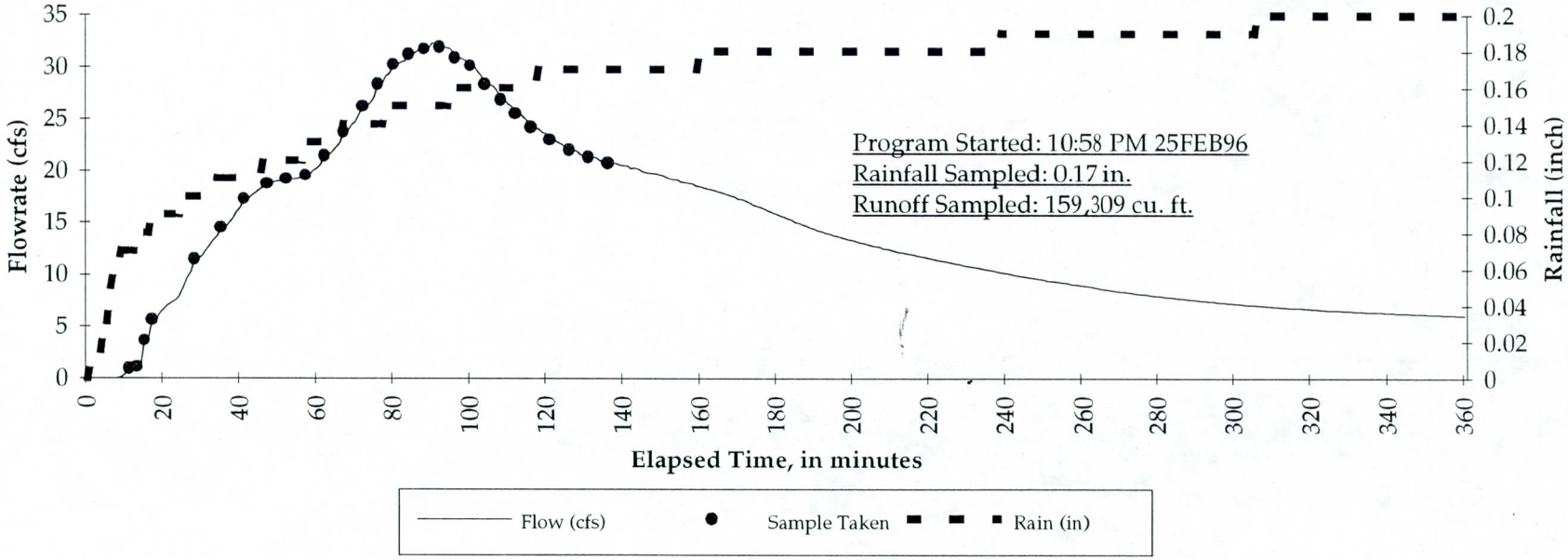
27 February 1997



Mesa 3
Falcon Field

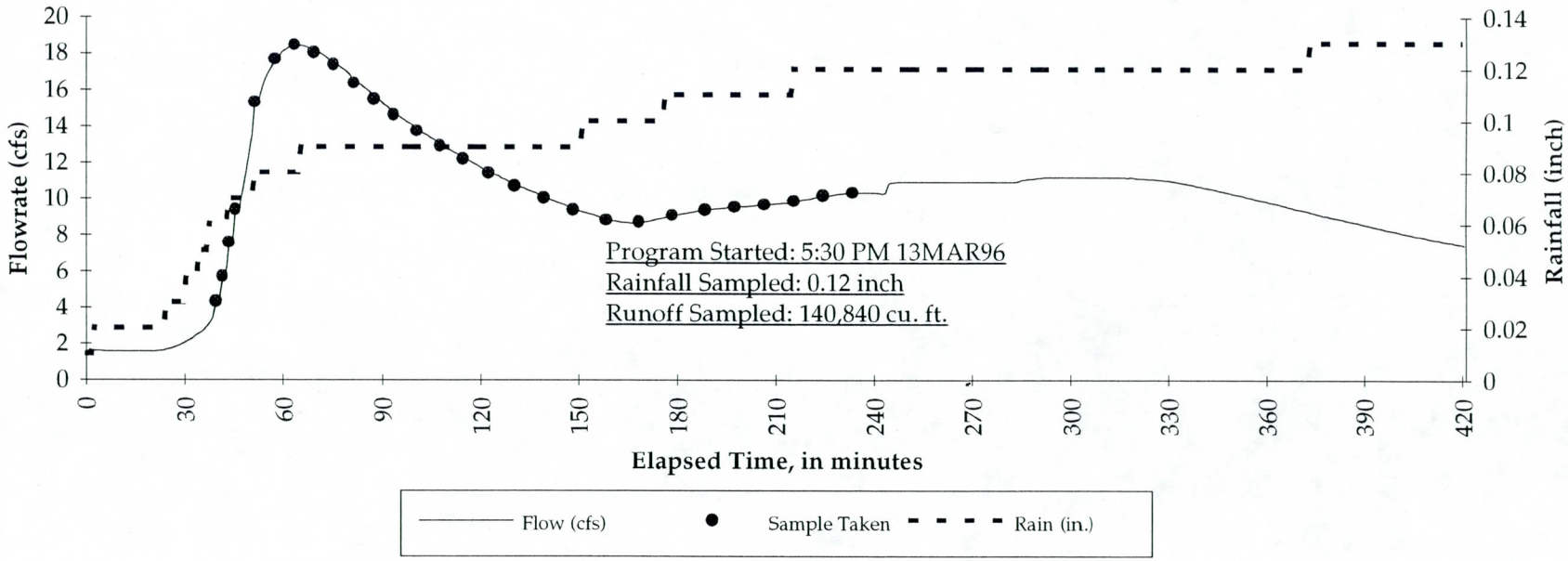
Mesa 3: Falcon Field

26 February 1996



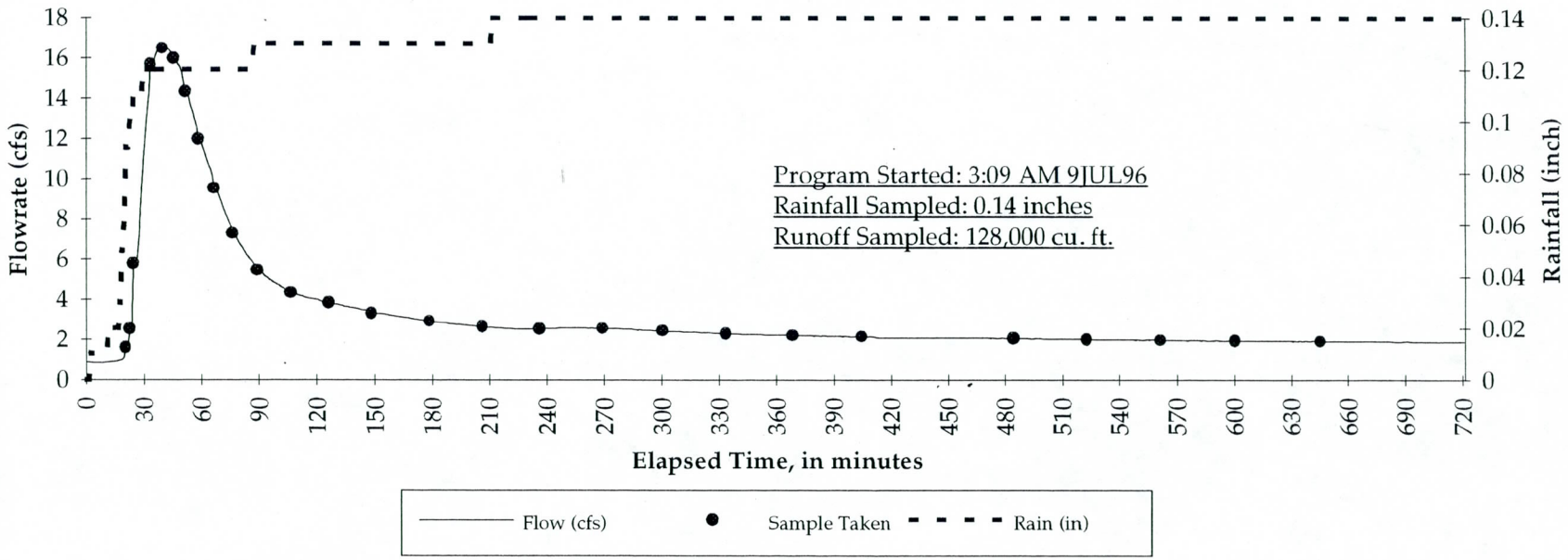
Mesa 3: Falcon Field

13 March 1996



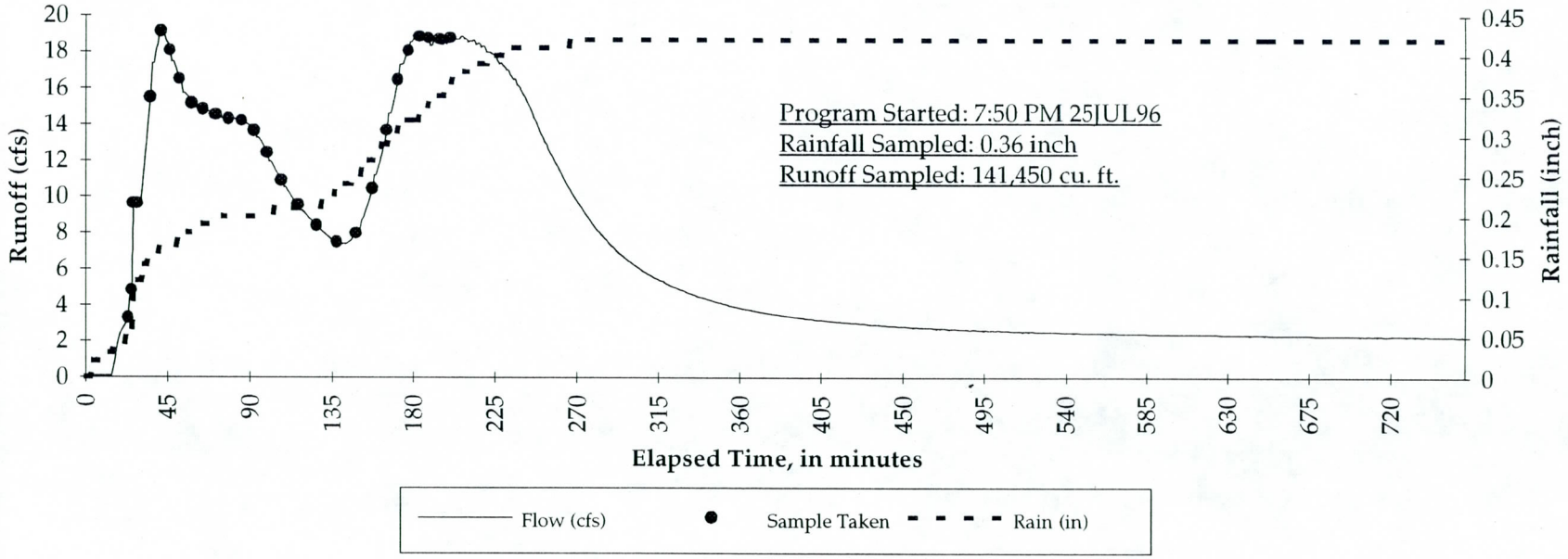
Mesa 3: Falcon Field

9 July 1996



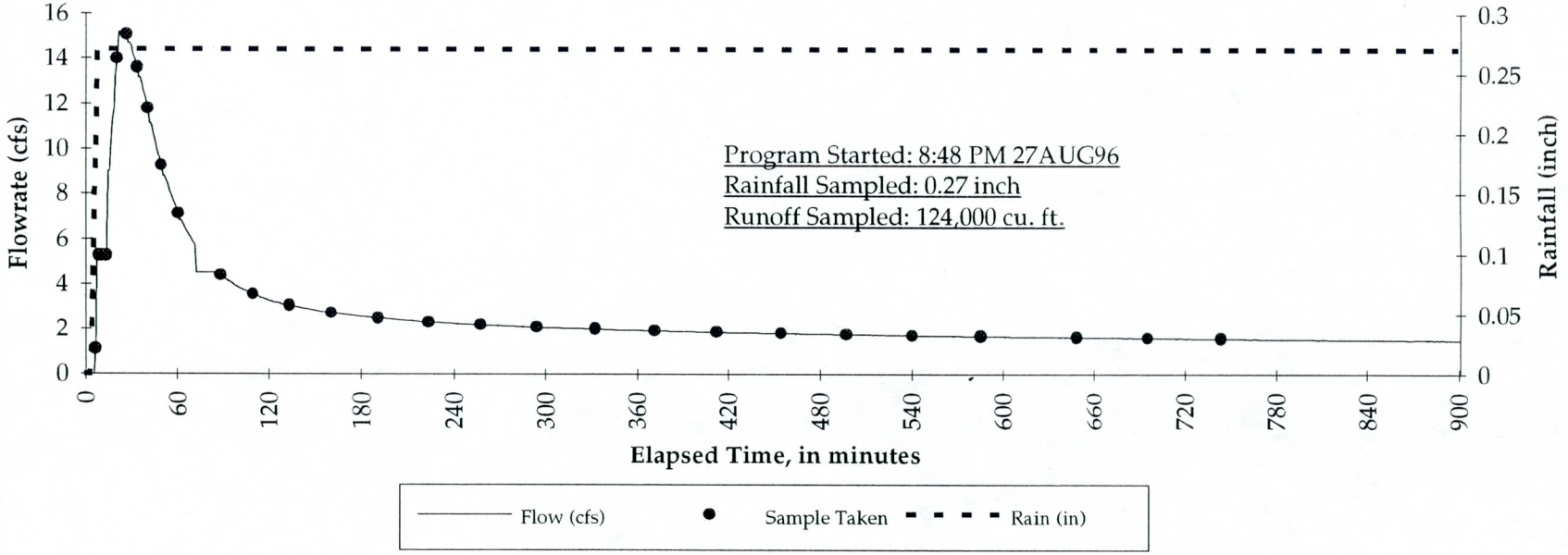
Mesa 3: Falcon Field

25 July 1996



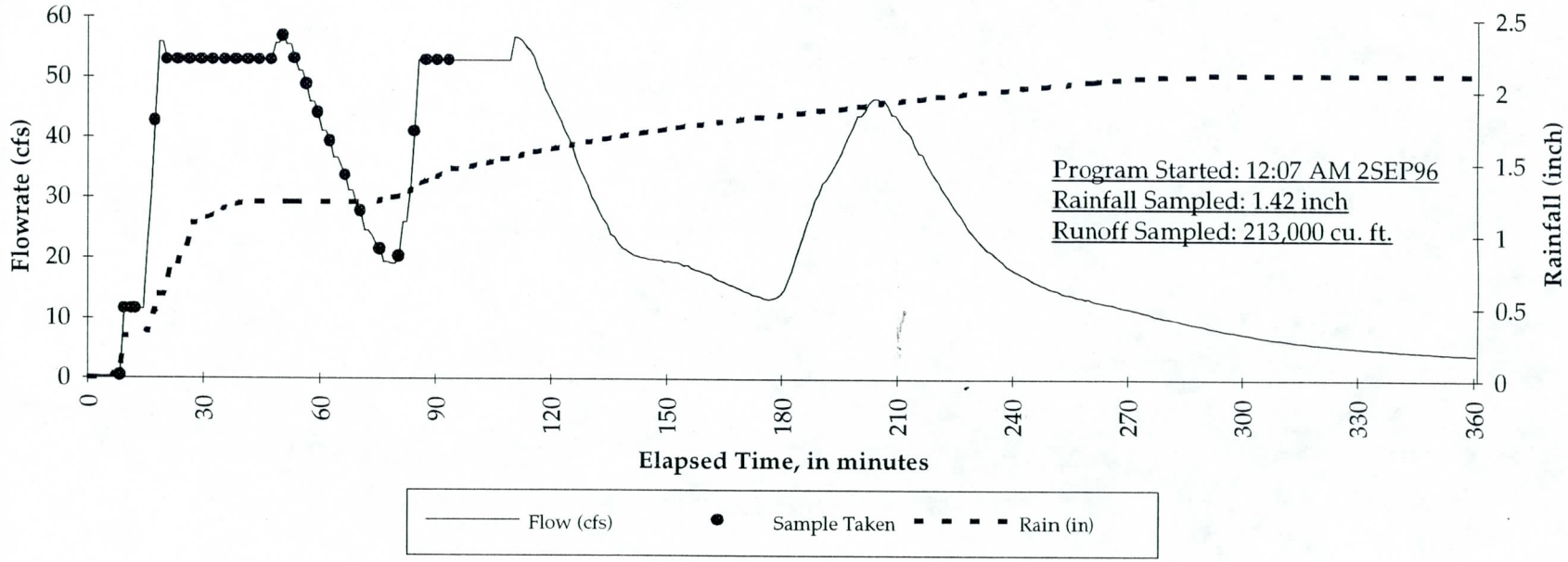
Mesa 3: Falcon Field

27 August 1996



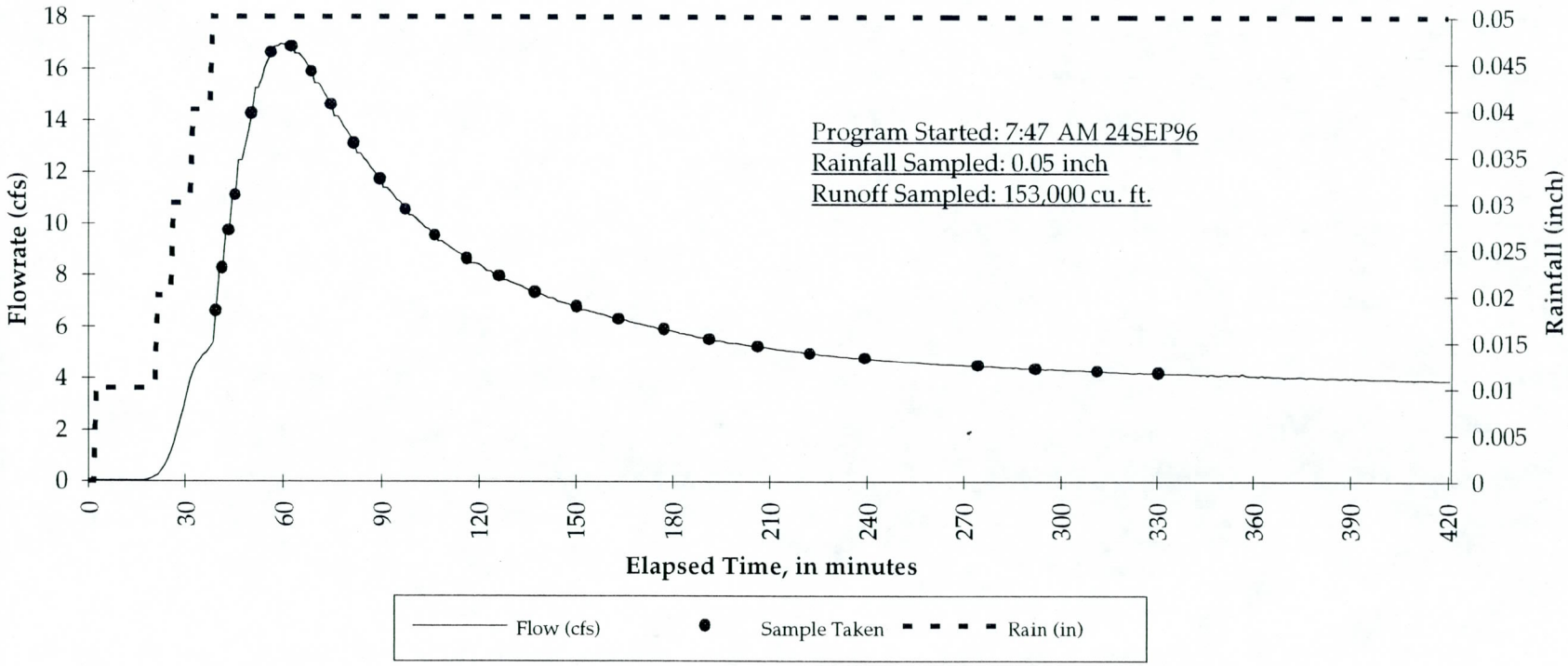
Mesa 3: Falcon Field

2 September 1996



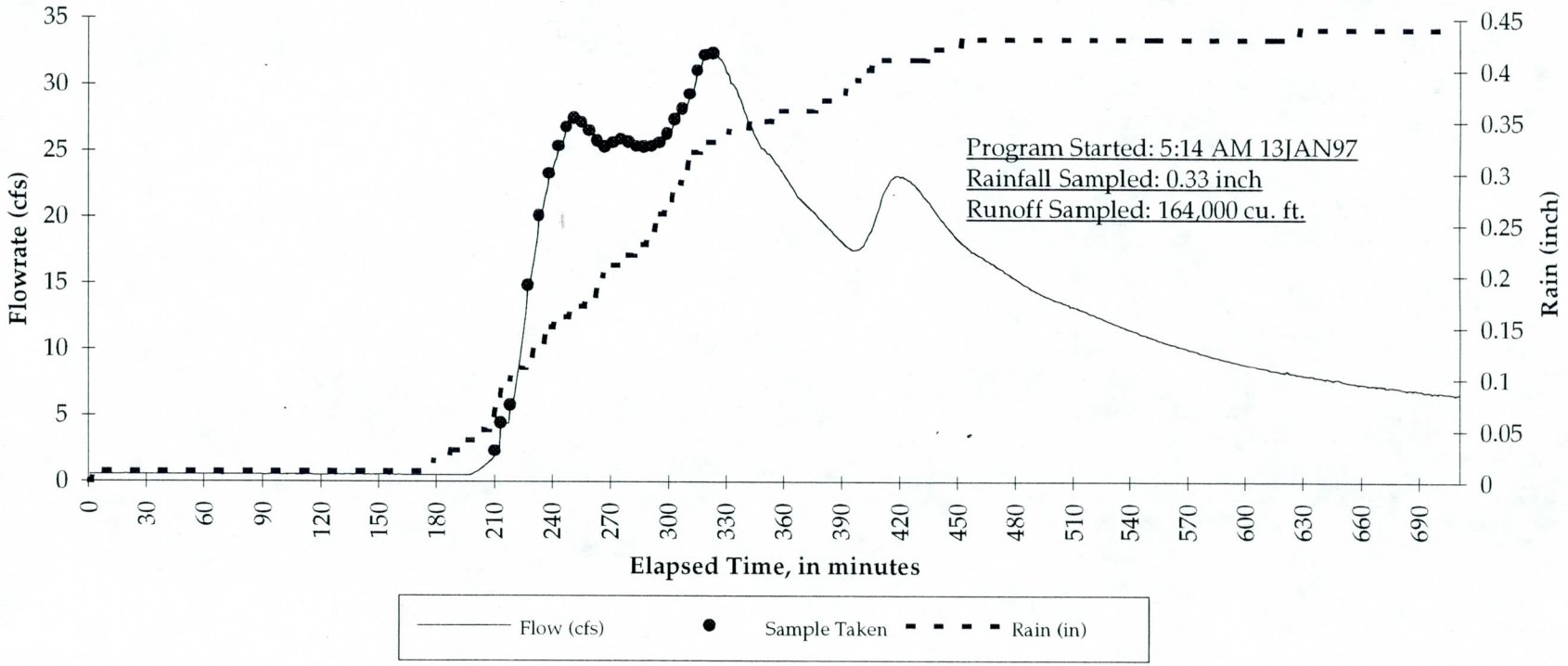
Mesa 3: Falcon Field

24 September 1996



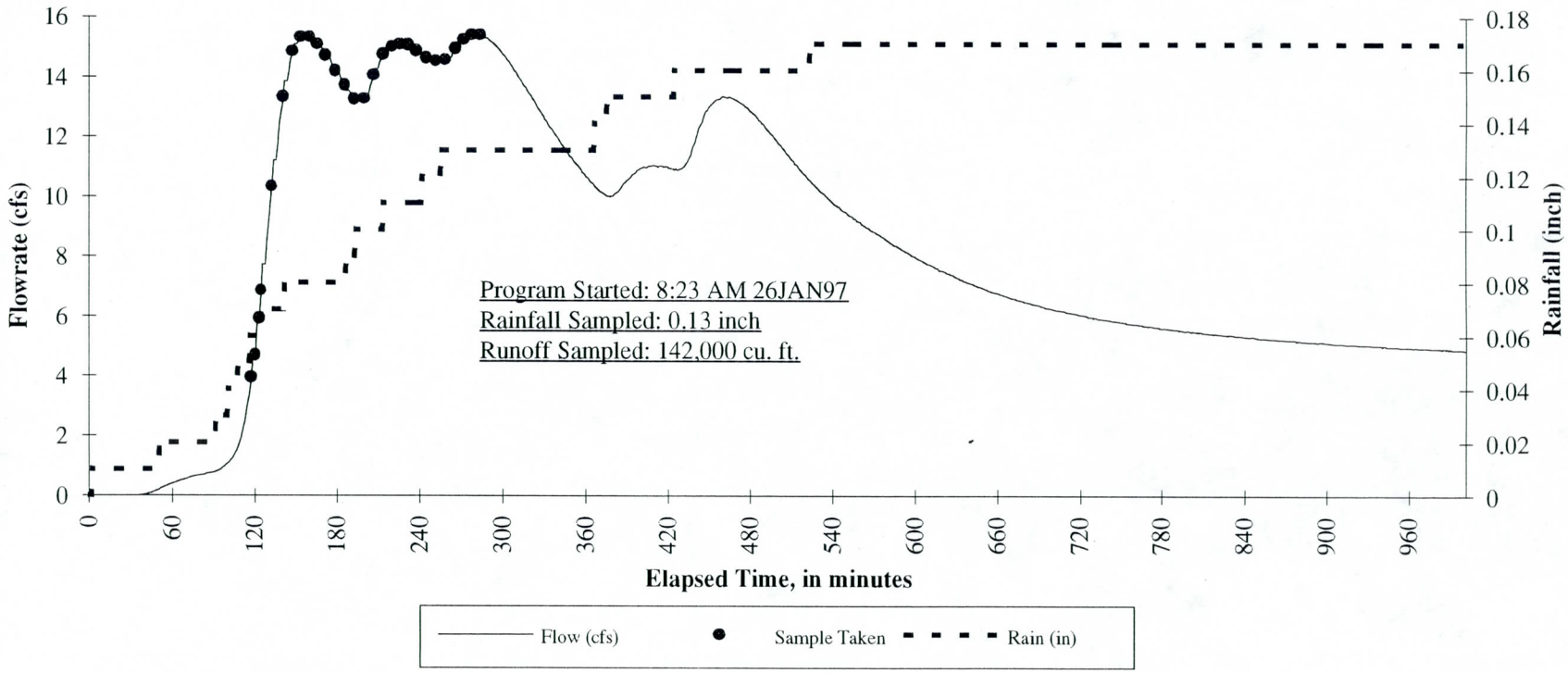
Mesa 3: Falcon Field

13 January 1997



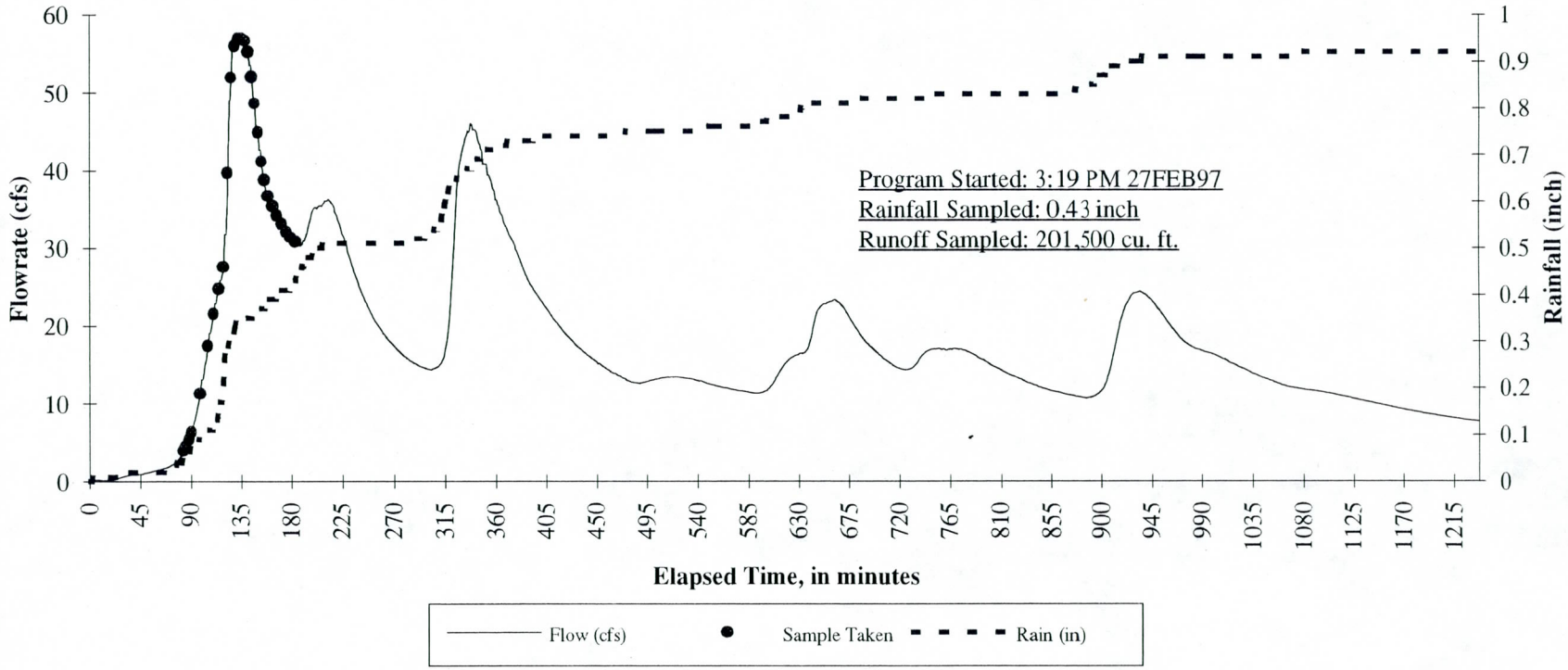
Mesa 3: Falcon Field

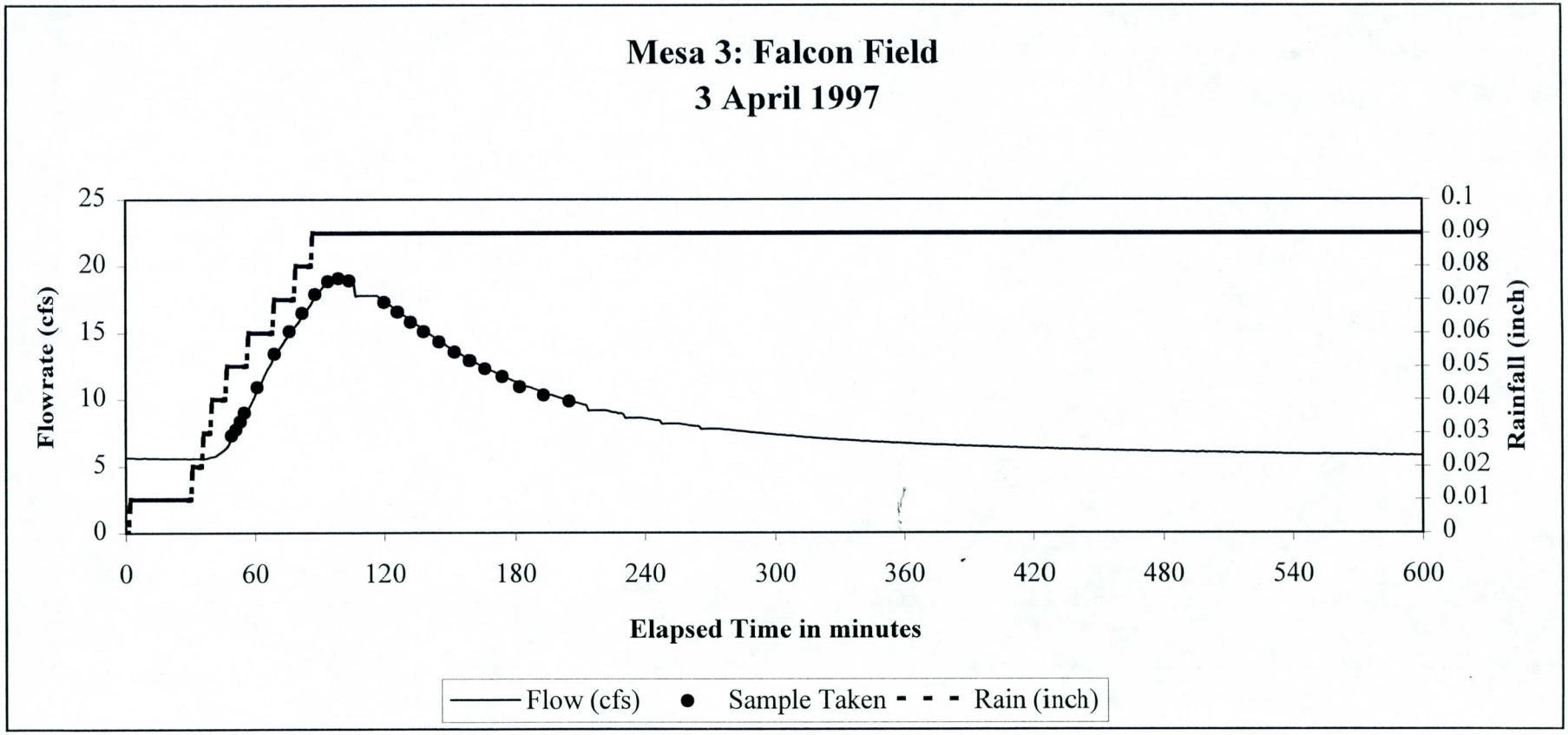
26 January 1997



Mesa 3: Falcon Field

27 February 1997

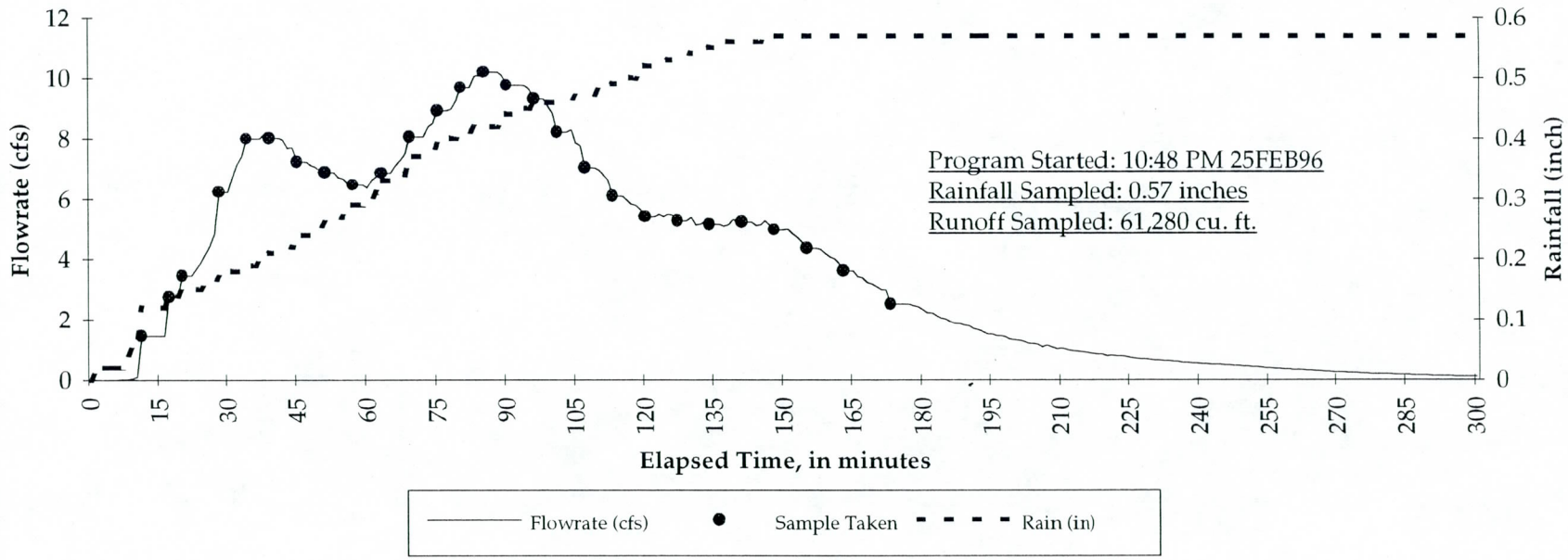



Mesa 3: Falcon Field
3 April 1997
Flowrate (cfs)
25
20
15
10
5
0
Rainfall (inch)
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0
60
120
180
240
300
360
420
480
540
600
Elapsed Time in minutes
Flow (cfs)
Sample Taken
Rain (inch)

Mesa 4
Horne and Grandview

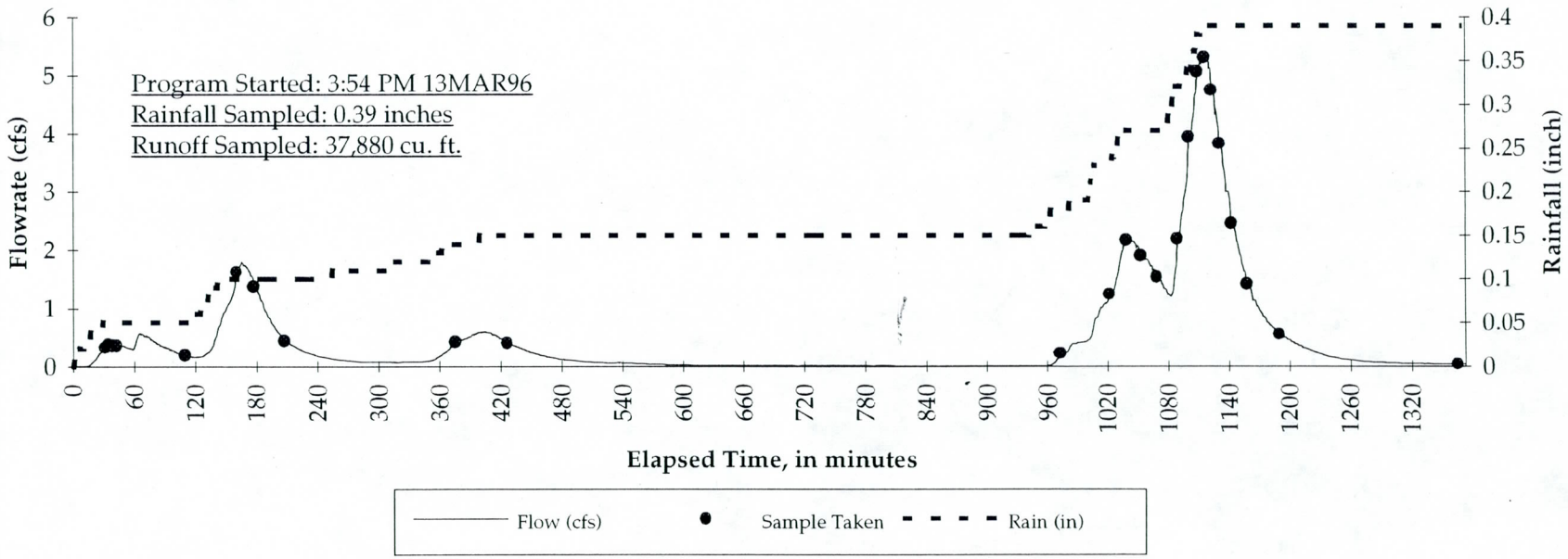
Mesa 4: Horne and Grandview

26 February 1996



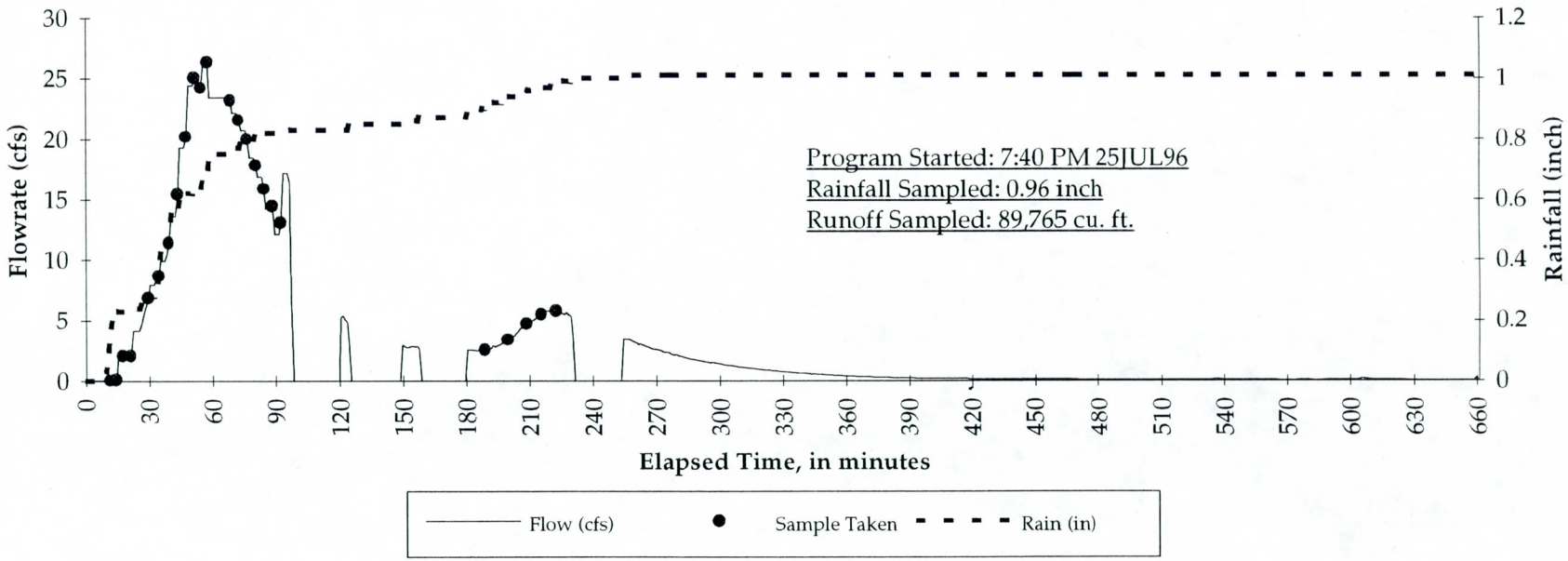
Mesa 4: Horne and Grandview

13 March 1996



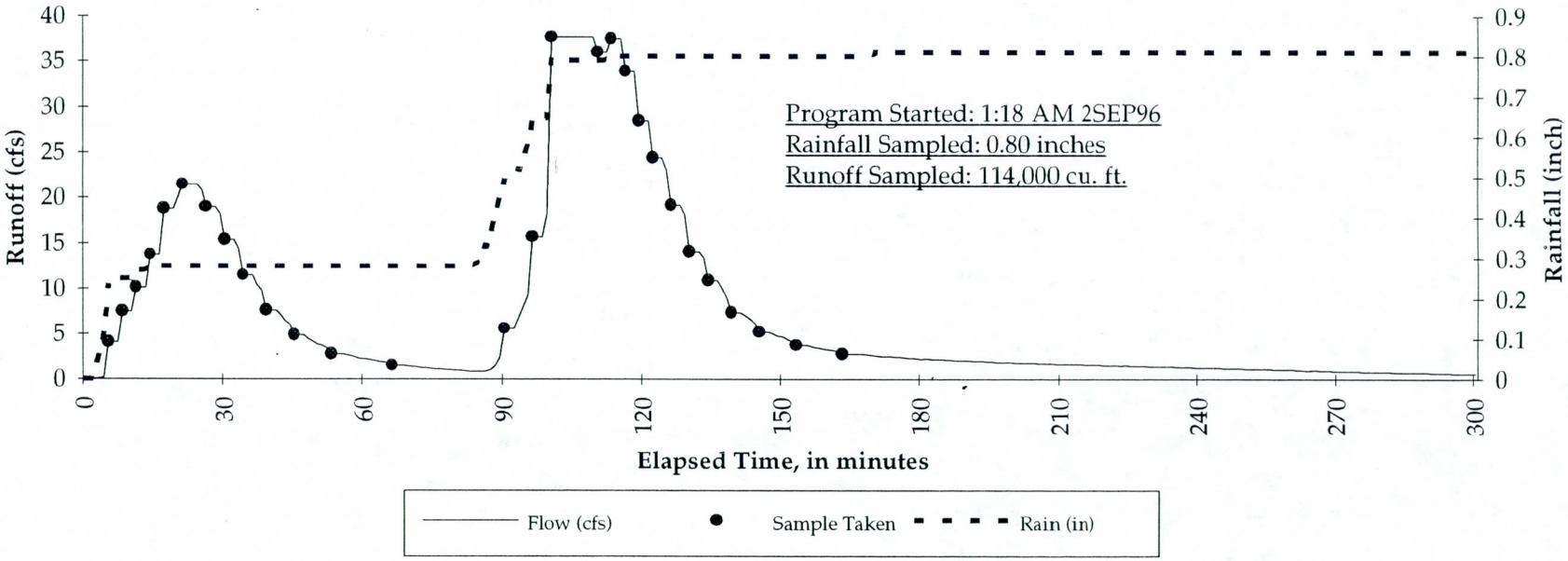
Mesa 4: Horne and Grandview

25 July 1996



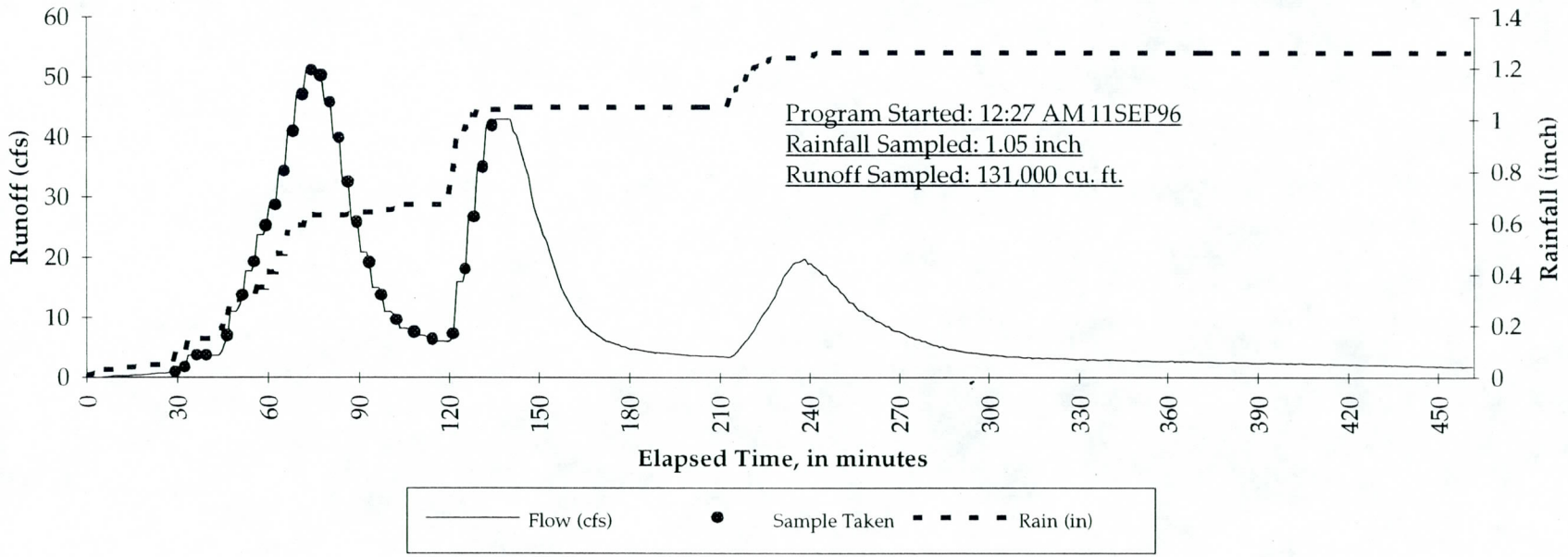
Mesa 4: Horne and Grandview

2 September 1996



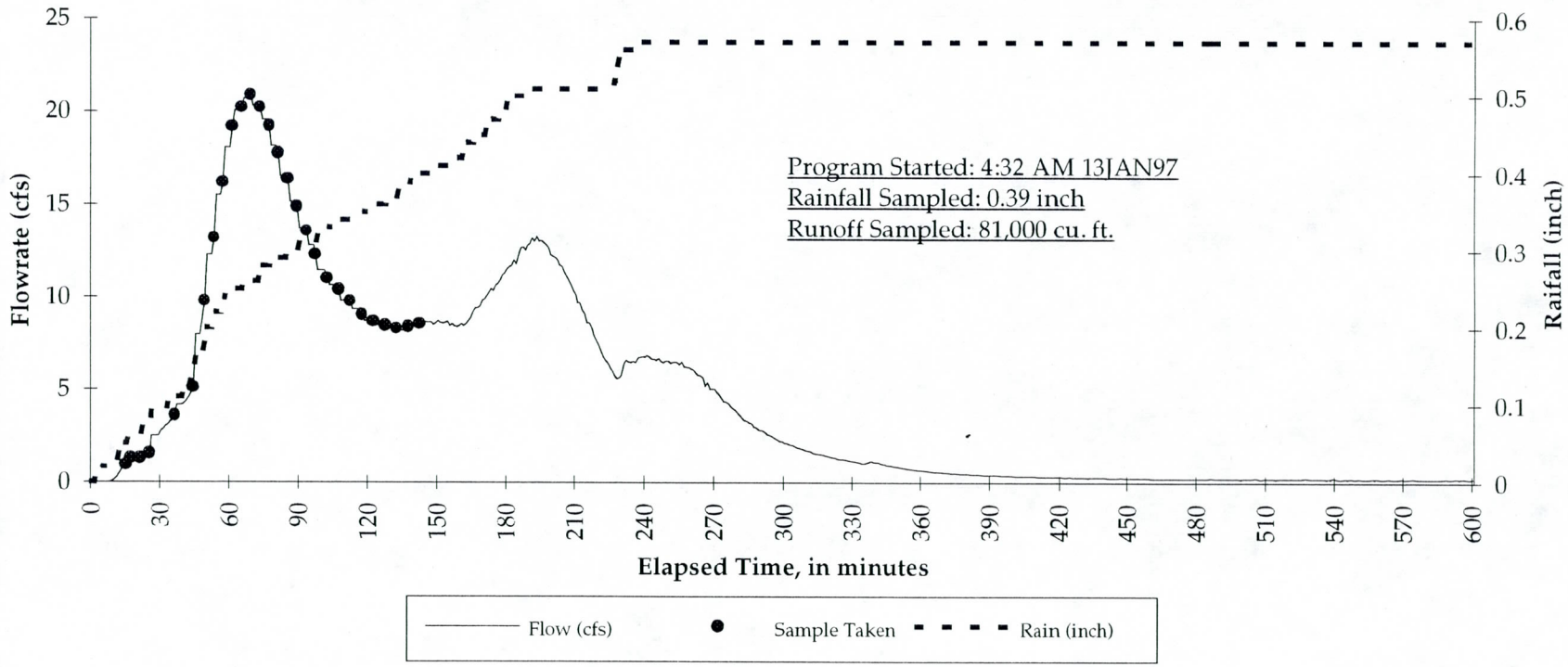
Mesa 4: Horne and Grandview

11 September 1996



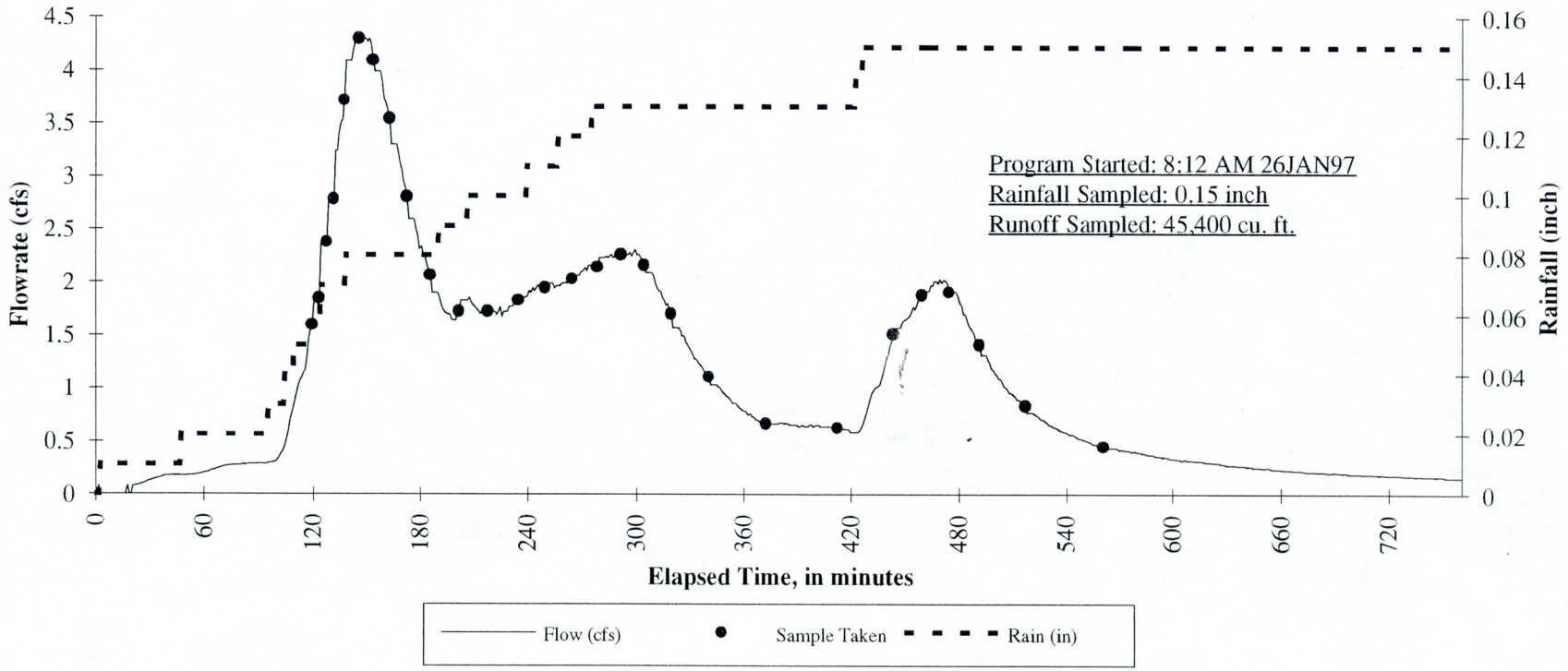
Mesa 4: Horne and Grandview

13 January 1997



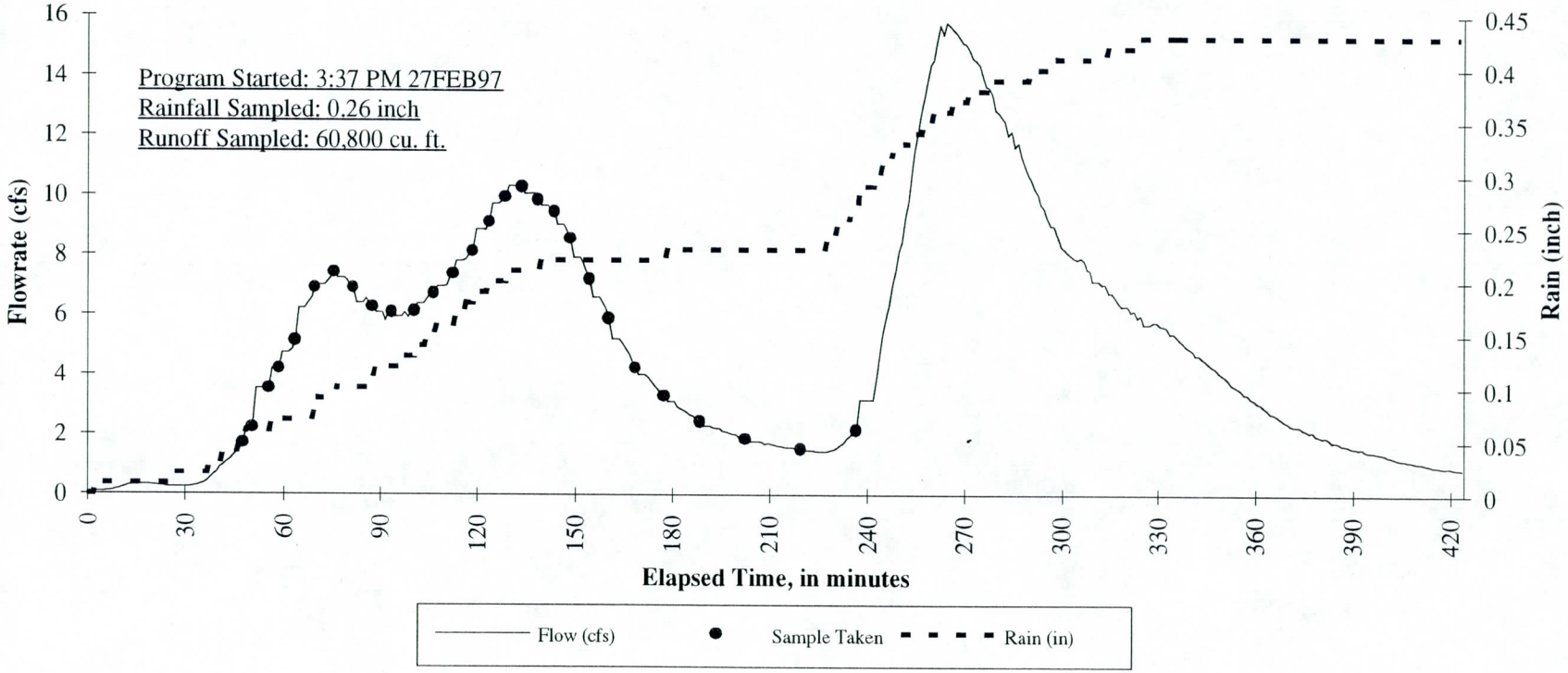
Mesa 4: Horne and Grandview

26 January 1997



Mesa 4: Horne and Grandview

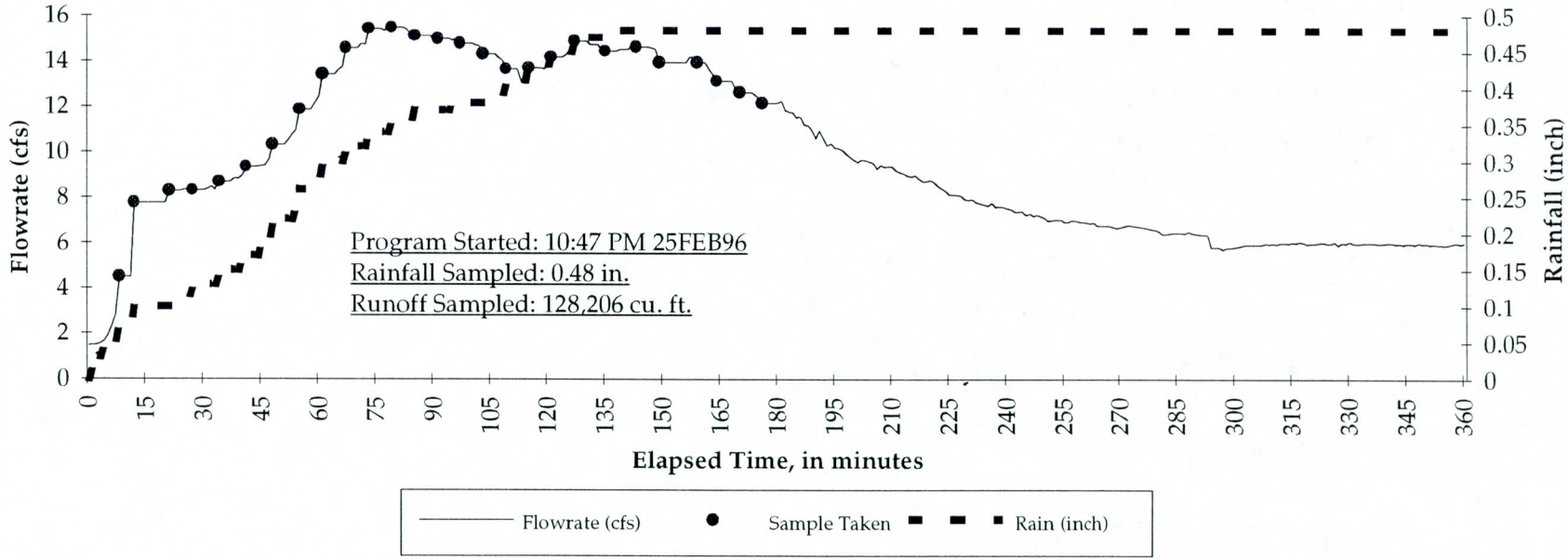
27 February 1997



Mesa 5
Dobson Road south of Broadway

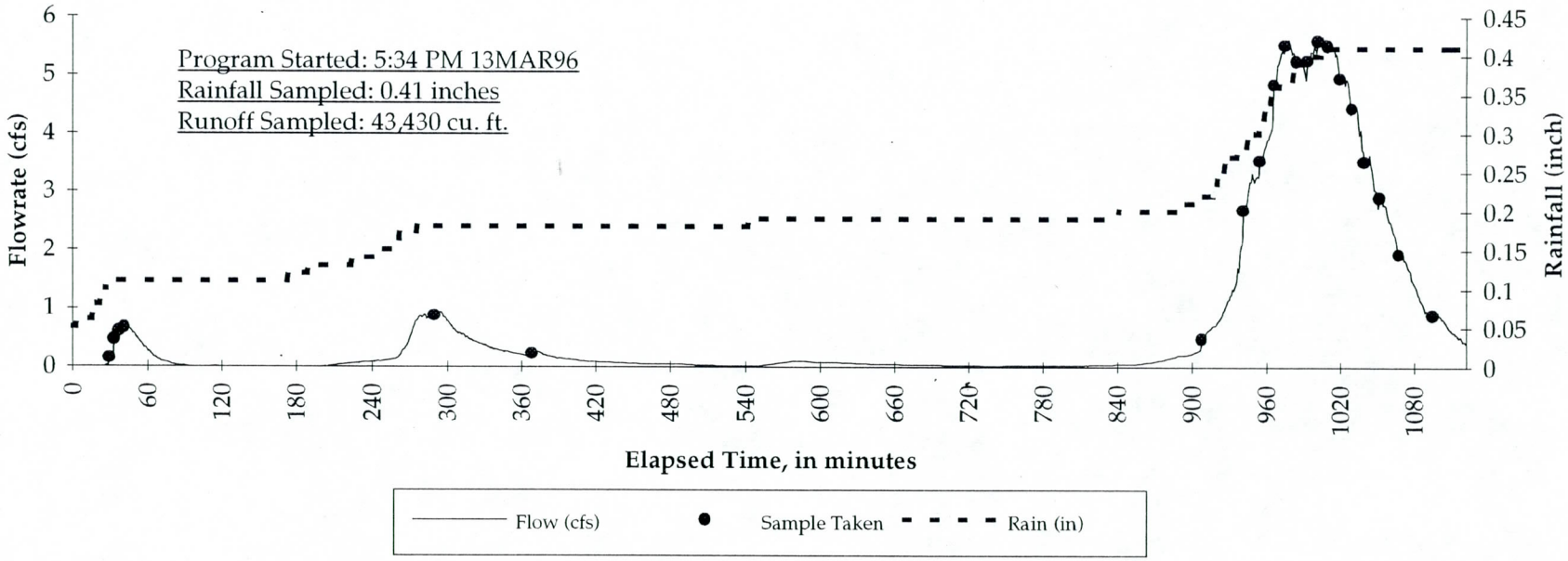
Mesa 5: Dobson Road

26 February 1996



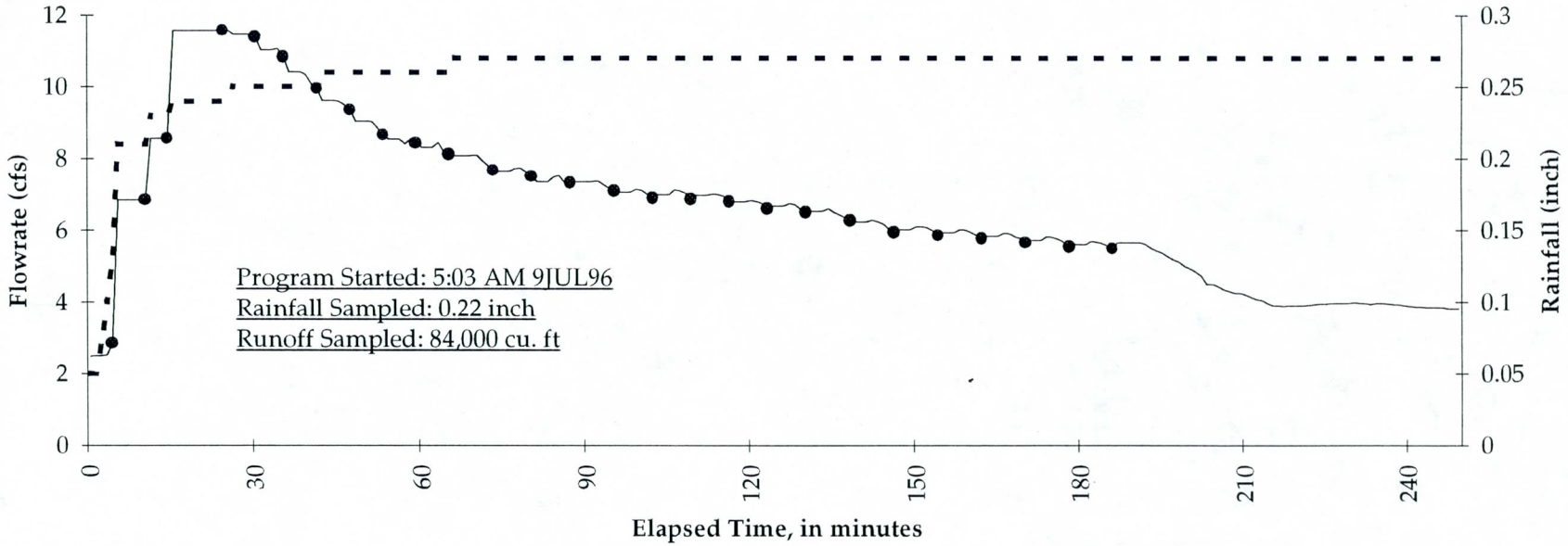
Mesa 5: Dobson Road

13 March 1996



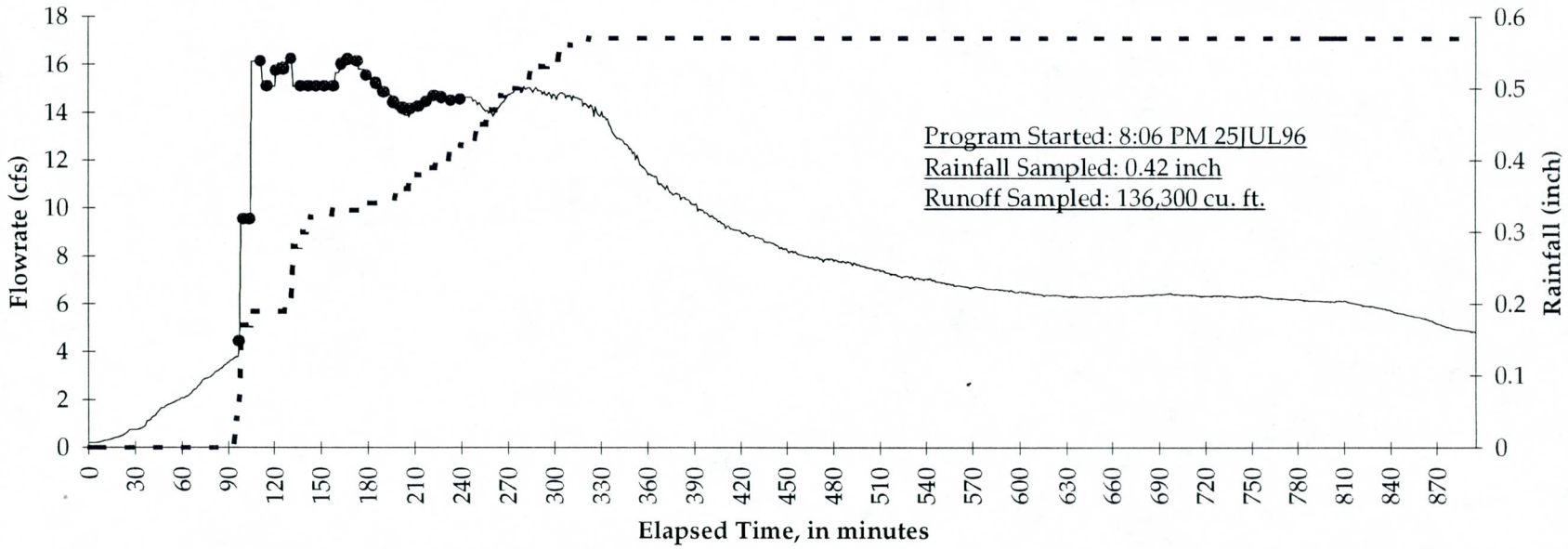
Mesa 5: Dobson Road south of Broadway

9 July 1996



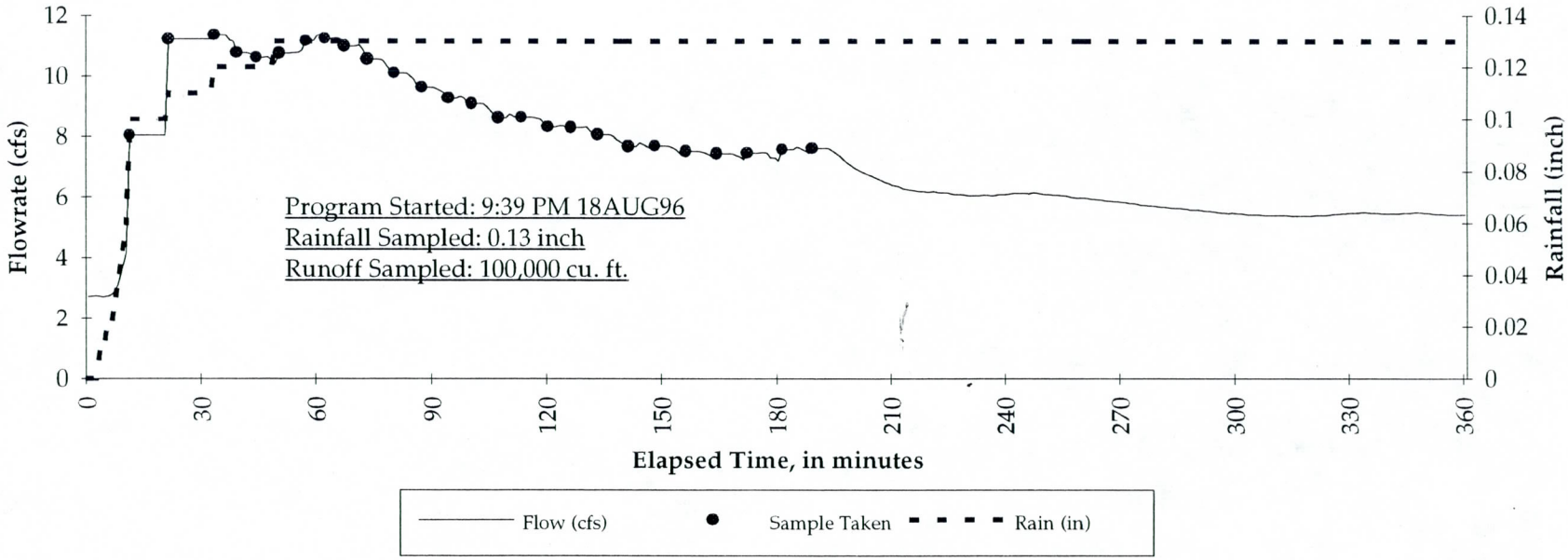
Mesa 5: Dobson Road south of Broadway

25 July 1996



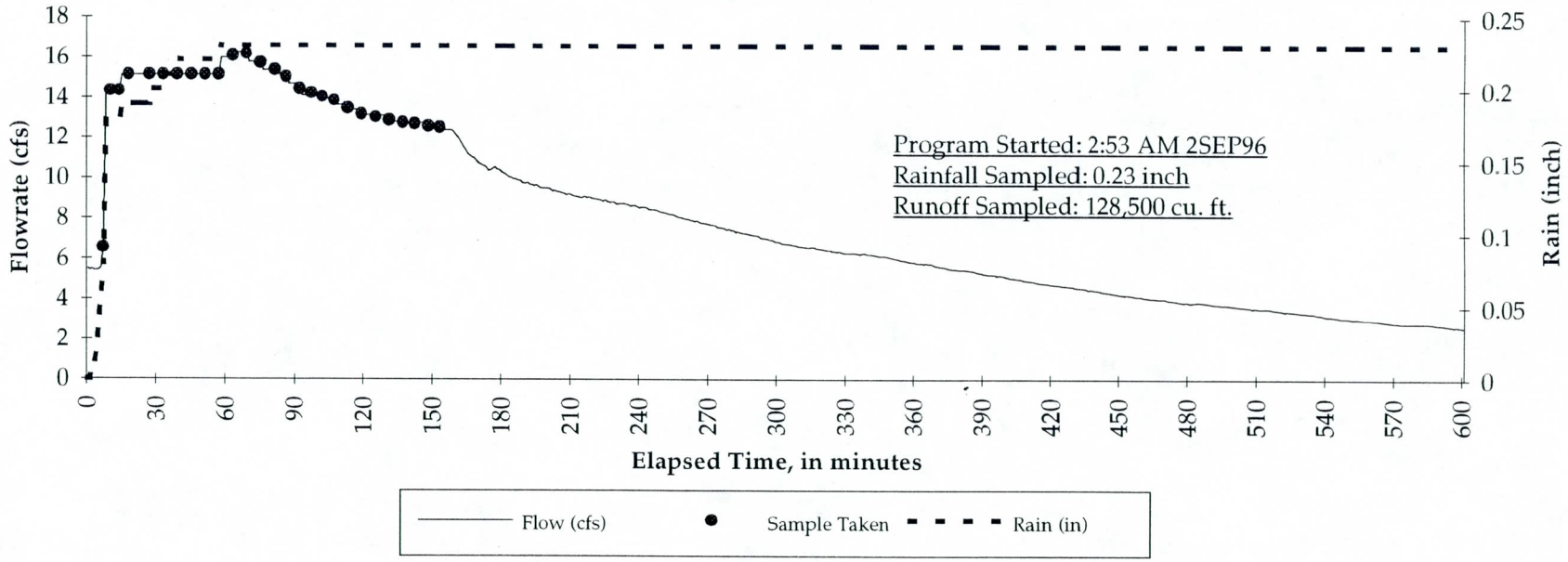
Mesa 5: Dobson Road south of Broadway

18 August 1996



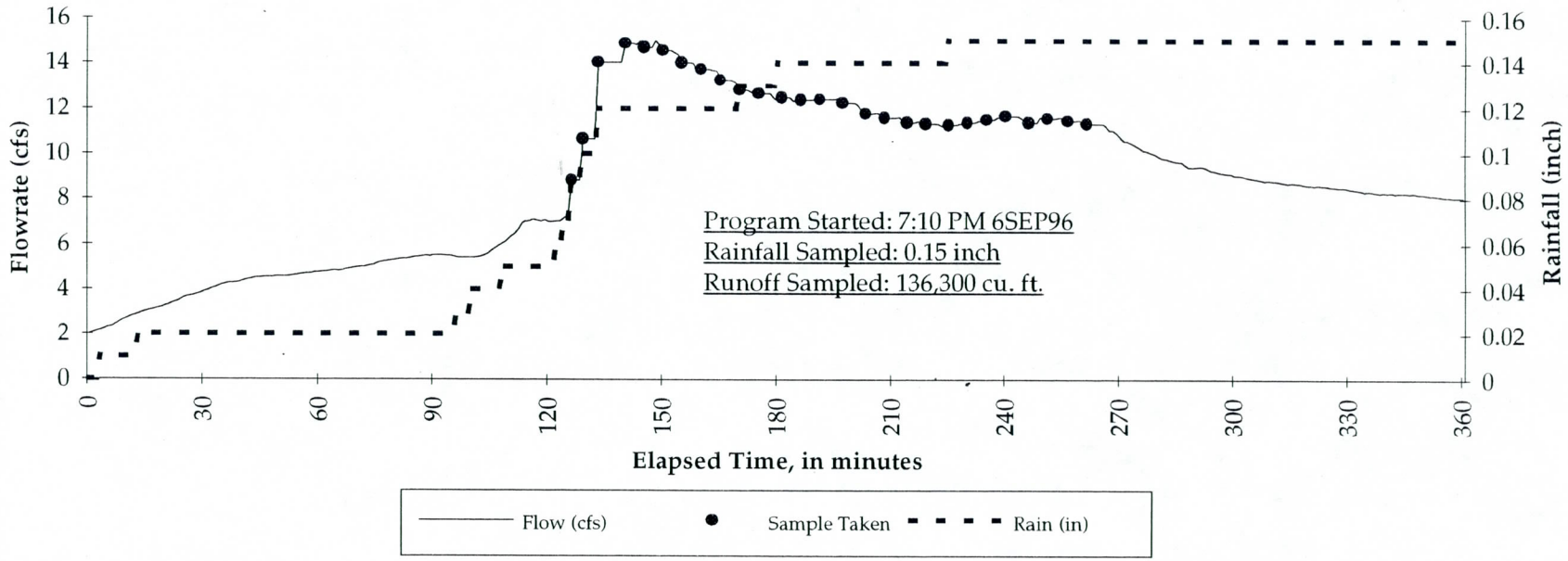
Mesa 5: Dobson Road south of Broadway

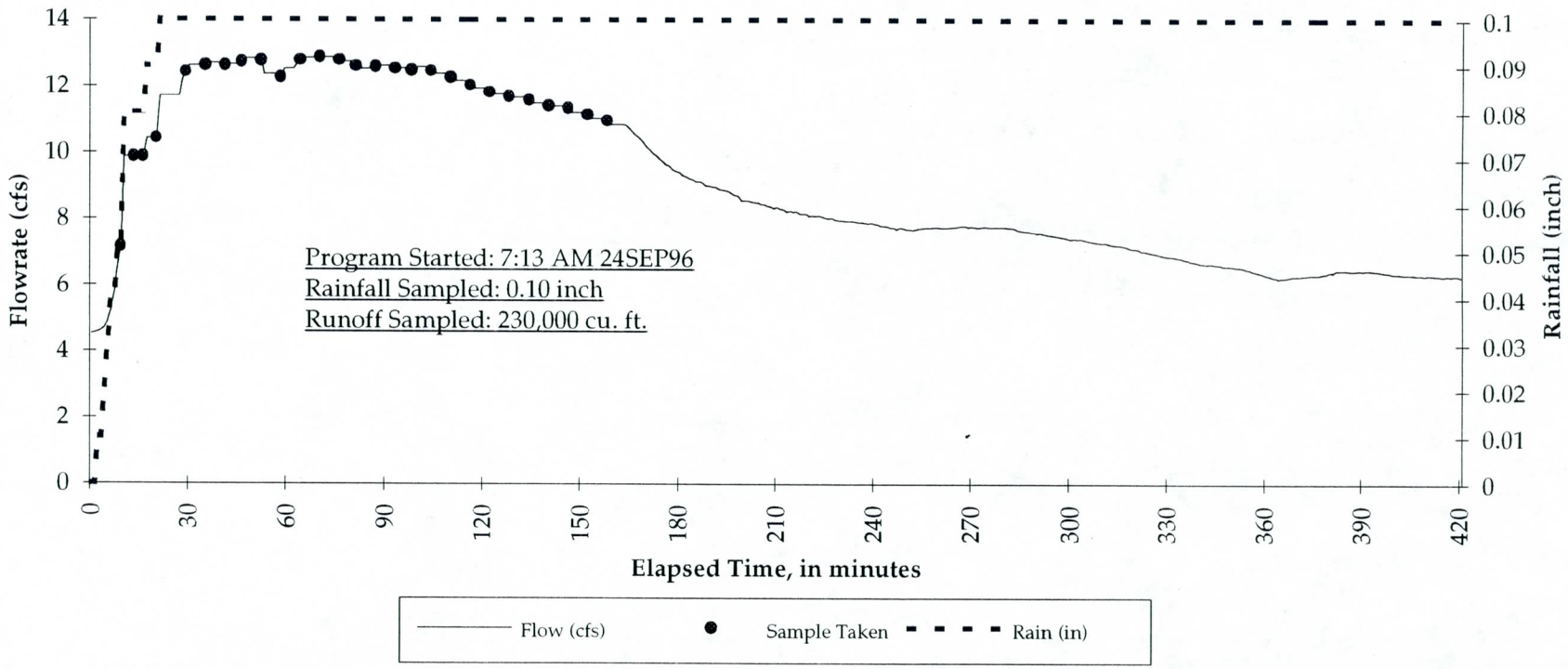
2 September 1996



Mesa 5: Dobson Road south of Broadway

6 September 1996



Mesa 5: Dobson Road south of Broadway

24 September 1996