## Summary of Sampled Storm Events August 1993 through March 1994

| Event Date | Stations Sample | Rainfall (in) | Duration | Preceding Dry Period |
|---|---|---|---|---|
| 8/6/93 - | 2 | 0.25 | > 3 hrs | > 72 hrs |
| 8/20/93 | 1 | 0.16 | 2.5 hrs | > 72 hrs |
| 8/24/93 | 3 | 0.5 | 2.87 hrs | > 72 hrs |
| 10/6/93 | 4 | 0.72 | 1.8 hrs | > 72 hrs |
| 11/13/93 | 5 | 0.34 | > 3 hrs | < 72 hrs |
| 1/25/94 | 2,3 | 0.15, 0.20 | > 3 hrs | > 72 hrs |
| 2/7/94 | 1,2,3,4 | 0.31, 0.33, 0.38, 0.93 | > 3 hrs | > 72 hrs |
| 3/7/94 | 1,2,4,5 | 0.24, 0.27, 0.21, 0.19 | > 3 hrs | > 72 hrs |

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2801 W. Durango
Phoenix, AZ 85009

**FCD Stormwater Monitoring Network**

**Station Key**

| Agency | Station Address | No. |
|---|---|---|
| Mesa | 561 N. Horne (6th and Horne) | MESA_1 |
| | 2629 E. Broadway (Between Gilbert & Lindsey) | MESA_2 |
| | 4661 E. Fighter Aces Dr. (Falcon Field) | MESA_3 |
| | 1336 N. Horne (Horne & Grandview) | MESA_4 |
| | 558 S. Dobson (Dobson S. of Broadway) | MESA_5 |

# *STORMWATER QUALITY REPORT*

## *August 1993 through March 1994*

# NPDES
## *Event Mean Concentrations*

## Event Mean Concentrations by Land Use* (mg/l)

Data from 1992, 1993, and 1994

| Constituent | MESA_1 | MESA_2 | MESA_3 | MESA_4 | MESA_5 |
|---|---|---|---|---|---|
| BOD5 | 23.60 | 8.75 | 17.50 | 17.00 | 28.29 |
| COD | 121.00 | 108.11 | 103.89 | 69.36 | 192.00 |
| TDS | 104.44 | 104.56 | 97.67 | 83.45 | 86.67 |
| TSS | 88.00 | 77.00 | 65.56 | 50.18 | 94.17 |
| Total N | 2.59 | 3.13 | 3.39 | 1.47 | 2.90 |
| TKN | 2.24 | 2.56 | 3.02 | 1.69 | 2.45 |
| Total P | 0.41 | 0.93 | 0.52 | 0.22 | 0.37 |
| Dissolved P | 0.24 | 0.76 | 0.45 | 0.19 | 0.23 |
| Total Cadmium | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Copper | 0.01 | 0.01 | 0.01 | 0.08 | 0.01 |
| Total Lead | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 |
| Total Zinc | 0.09 | 0.06 | 0.07 | 0.03 | 0.15 |

## Event Mean Concentrations by Land Use* (mg/l)

Data from 1993 and 1994

| Constituent | MESA_1 | MESA_2 | MESA_3 | MESA_4 | MESA_5 |
|---|---|---|---|---|---|
| BOD5 | 44.25 | 11.00 | 27.75 | 33.25 | 52.67 |
| COD | 210.00 | 127.20 | 127.75 | 84.67 | 353.50 |
| TDS | 168.33 | 135.20 | 126.00 | 93.00 | 126.50 |
| TSS | 143.00 | 62.60 | 76.00 | 97.33 | 108.50 |
| Total N | 5.75 | 4.76 | 9.23 | 3.28 | 6.30 |
| TKN | 4.17 | 3.66 | 5.50 | 2.57 | 4.65 |
| Total P | 0.75 | 1.51 | 0.89 | 0.36 | 0.59 |
| Dissolved P | 0.38 | 1.02 | 0.70 | 0.25 | 0.27 |
| Total Cadmium | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 |
| Total Copper | 0.02 | 0.01 | 0.03 | 0.28 | 0.04 |
| Total Lead | 0.01 | 0.04 | 0.01 | 0.02 | 0.04 |
| Total Zinc | 0.16 | 0.07 | 0.13 | 0.11 | 0.22 |

***Land Use Key**

| | |
|---|---|
| MESA_1 | Older Single Family Residential (Horne/6th St.) |
| MESA_2 | Mobile Home Park (Broadway Between Gilbert and Lindsey) |
| MESA_3 | Industrial (Falcon Field) |
| MESA_4 | Newer Single Family Residential (Horne/Grandview) |
| MESA_5 | Commercial (Dobson S. of Broadway) |

**Database Assumptions and Definitions**

1. For non-detected samples, the concentration used to calculate the EMC's = 0.00
2. NA = Not analyzed for.
3. ND = Not detected and no laboratory quantification level was available.

Flood Control District of
*Maricopa County*
*Stormwater Database*

MESA NPDES SYSTEM

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General

*Event Mean Concentrations*

AVERAGE EVENT MEAN CONCENTRATION (Years 1993 and 1994)

For Measured and Detected Constituents

General Chemistry

| Station ID. No. | pH LAB (Standard Units) | Fecal Coliform (MPN/100ml) | Fecal Streptococci (MPN/100ml) | Solids Residue at 180 Deg. C Dissolved (mg/l) | Residue Total at 105 Deg. C Suspended (mg/l) | Oil and Grease Total Recoverable (mg/l) |
|---|---|---|---|---|---|---|
| MESA_1 | 7.50 | 1200 | 155 | 168.33 | 143.00 | 2.33 |
| MESA_2 | 7.49 | 70940 | 41500 | 135.20 | 62.60 | 0.00 |
| MESA_3 | 7.42 | 14243 | 9997 | 126.00 | 76.00 | 3.98 |
| MESA_4 | 7.68 | 2750 | 200 | 93.00 | 97.33 | 4.00 |
| MESA_5 | 7.58 | 87133 | 8526 | 126.50 | 108.50 | 15.00 |

AVERAGE EVENT MEAN CONCENTRATION (Years 1993 and 1994)

For Measured and Detected Constituents

Nutrients

| Station ID. No. | Nitrogen No2 + No3 Total (mg/l as N) | TKN Nitrogen (mg/l as N) | Nitrogen Ammonia + Organic Total (mg/l as N) | Phosphorous Total (mg/l as P) | Phosphorous Dissolved (mg/l as P) |
|---|---|---|---|---|---|
| MESA_1 | 1.35 | 4.17 | 4.40 | 0.75 | 0.38 |
| MESA_2 | 0.96 | 3.66 | 3.80 | 1.51 | 1.02 |
| MESA_3 | 1.08 | 5.50 | 8.15 | 0.89 | 0.70 |
| MESA_4 | 0.73 | 2.57 | 2.55 | 0.36 | 0.25 |
| MESA_5 | 1.65 | 4.65 | 4.65 | 0.59 | 0.27 |

AVERAGE EVENT MEAN CONCENTRATION (Years 1993 and 1994)

For Measured and Detected Constituents

Metals

| Station ID. No. | Cadmium Total Recoverable (mg/l as Cd) | Chromium Dissolved (mg/l as Cr) | Copper Total Recoverable (mg/l as Cu) | Copper Dissolved (mg/l as Cu) | Lead Total Recoverable (mg/l as Pb) | Lead Dissolved (mg/l as Pb) | Mercury Total Recoverable (mg/l as Hg) | Zinc Total Recoverable (mg/l as Zn) | Zinc Dissolved (mg/l as Zn) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 0.00 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 | 0.16 | 0.07 |
| MESA_2 | 0.00 | 0.00 | 0.01 | 0.01 | 0.04 | 0.00 | 0.00 | 0.07 | 0.06 |
| MESA_3 | 0.00 | 0.00 | 0.03 | 0.00 | 0.01 | 0.00 | 0.00 | 0.13 | 0.05 |
| MESA_4 | 0.04 | 0.00 | 0.28 | 0.00 | 0.02 | 0.00 | 0.00 | 0.11 | 0.00 |
| MESA_5 | 0.00 | 0.00 | 0.04 | 0.00 | 0.04 | 0.00 | 0.00 | 0.22 | 0.04 |

AVERAGE EVENT MEAN CONCENTRATION (Years 1993 and 1994)

For Measured and Detected Constituents

Pesticides / VOC's / BNA's

| Station ID. No. | Aroclor 1248 PCB Total (ug/l) | P,P' DDE Total (ug/l) | Methylene Chloride Total (ug/l) | Toluene Total (ug/l) | Phenols Total Recoverable (mg/l) | Benzo-A-Pyrene Total (ug/l) | Chrysene Total (ug/l) | Fluoranthene Total (ug/l) | Indeno (1,2,3-CD) Pyrene Total (ug/l) | Pyrene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 1.35 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MESA_2 | 0.00 | 0.00 | 0.00 | 0.00 | NA | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| MESA_3 | 0.00 | 0.00 | 0.00 | 0.00 | NA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MESA_4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MESA_5 | 0.00 | 0.00 | 0.00 | 0.00 | NA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

AVERAGE EVENT MEAN CONCENTRATION (Years 1992, 1993, and 1994)

For Measured and Detected Constituents

General Chemistry

| Station ID. No. | pH LAB (Standard Units) | Fecal Coliform (MPN/100ml) | Fecal Streptococci (MPN/100ml) | Solids Residue at 180 Deg. C Dissolved (mg/l) | Residue Total at 105 Deg. C Suspended (mg/l) | Oil and Grease Total Recoverable (mg/l) |
|---|---|---|---|---|---|---|
| MESA_1 | 6.79 | 3138 | 25665 | 104.44 | 88.00 | 3.22 |
| MESA_2 | 7.18 | 42109 | 40000 | 104.56 | 77.00 | 0.00 |
| MESA_3 | 7.00 | 6213 | 6956 | 97.67 | 65.56 | 2.32 |
| MESA_4 | 7.23 | 1725 | 4417 | 83.45 | 50.18 | 1.33 |
| MESA_5 | 7.07 | 38343 | 13011 | 86.67 | 94.17 | 6.43 |

AVERAGE EVENT MEAN CONCENTRATION (Years 1992, 1993, and 1994)

For Measured and Detected Constituents

Nutrients

| Station ID. No. | Nitrogen No2 + No3 Total (mg/l as N) | TKN Nitrogen (mg/l as N) | Nitrogen Ammonia + Organic Total (mg/l as N) | Phosphorous Total (mg/l as P) | Phosphorous Dissolved (mg/l as P) |
|---|---|---|---|---|---|
| MESA_1 | 0.72 | 2.24 | 1.87 | 0.41 | 0.24 |
| MESA_2 | 0.73 | 2.56 | 2.40 | 0.93 | 0.76 |
| MESA_3 | 0.66 | 3.02 | 2.73 | 0.52 | 0.45 |
| MESA_4 | 0.52 | 1.69 | 0.95 | 0.22 | 0.19 |
| MESA_5 | 0.87 | 2.45 | 2.03 | 0.37 | 0.23 |

AVERAGE EVENT MEAN CONCENTRATION (Years 1992, 1993, and 1994)

For Measured and Detected Constituents

Metals

| Station ID. No. | Cadmium Total Recoverable (mg/l as Cd) | Chromium Dissolved (mg/l as Cr) | Copper Total Recoverable (mg/l as Cu) | Copper Dissolved (mg/l as Cu) | Lead Total Recoverable (mg/l as Pb) | Lead Dissolved (mg/l as Pb) | Mercury Total Recoverable (mg/l as Hg) | Zinc Total Recoverable (mg/l as Zn) | Zinc Dissolved (mg/l as Zn) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.09 | 0.07 |
| MESA_2 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.06 |
| MESA_3 | 0.00 | 0.00 | 0.01 | 0.00 | 0 | 0.00 | 0.00 | 0.07 | 0.05 |
| MESA_4 | 0.00 | 0.00 | 0.08 | 0.00 | 0.01 | 0.00 | 0.00 | 0.03 | 0.00 |
| MESA_5 | 0.00 | 0.00 | 0.01 | 0.00 | 0.02 | 0.00 | 0.00 | 0.15 | 0.04 |

AVERAGE EVENT MEAN CONCENTRATION (Years 1992, 1993, and 1994)

For Measured and Detected Constituents

Pesticides / VOC's / BNA's

| Station ID. No. | Aroclor 1248 PCB Total (ug/l) | P,P' DDE Total (ug/l) | Methylene Chloride Total (ug/l) | Toluene Total (ug/l) | Phenols Total Recoverable (mg/l) | Benzo-A-Pyrene Total (ug/l) | Chrysene Total (ug/l) | Fluoranthene Total (ug/l) | Indeno (1,2,3-CD) Pyrene Total (ug/l) | Pyrene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 0.34 | 0.00 | 0.18 | 0.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MESA_2 | 0.00 | 0.03 | 0.20 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MESA_3 | 0.00 | 0.02 | 0.24 | 0.00 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MESA_4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MESA_5 | 0.00 | 0.01 | 0.00 | 0.00 | 0.05 | 0.48 | 1.03 | 1.33 | 0.62 | 1.23 |

# NPDES
## *Water Quality Database*

## Inorganic Chemistry
## Nonmetals

| Sampling Station Identification No. | Date | Drainage Area (sq. mi.) | Agency Collecting Sample | Agency Analyzing Sample | Instantaneous Discharge (cfs) | pH LAB (Standard Units) | BOD5 (mg/l) | COD High Level (mg/l) | Chloride (mg/l as Cl) | Cyanide Total (mg/l as Cn) |
|---|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | 0.302 | Mesa | ATL | 36.37 | 6.8 | 6 | 40 | -- | <0.01 |
| MESA_1 | 10/28/92 | 0.302 | Mesa | ATL | 7.59 | 6.2 | 16 | 120 | -- | <0.01 |
| MESA_1 | 12/4/92 | 0.302 | Mesa | ATL | 6.71 | 6.4 | 12 | 95 | -- | <0.01 |
| MESA_1 | 12/8/92 | 0.302 | Mesa | ATL | 7.33 | 6.4 | 10 | 62 | -- | <0.01 |
| MESA_1 | 1/7/93 | 0.302 | Mesa | ATL | 7.32 | 6.4 | 8 | 71 | -- | <0.01 |
| MESA_1 | 2/8/93 | 0.302 | Mesa | ATL | 14.14 | 6.4 | 7 | 71 | -- | <0.01 |
| MESA_1 | 8/20/93 | 0.302 | FCD | WTI | 4.15 | 7.21 | 39 | 310 | -- | NA |
| MESA_1 | 10/6/93 | 0.302 | FCD | WTI | NA | 7.81 | 25 | 100 | 3.6 | NA |
| MESA_1 | 2/7/93 | 0.302 | FCD | WTI | 3.99 | NA | 13 | NA | NA | NA |
| MESA_1 | 3/7/94 | 0.302 | FCD | WTI | 1.13 | 7.49 | 100 | 220 | 9.9 | <0.01 |
| MESA_2 | 12/4/92 | 0.227 | Mesa | ATL | 13.16 | 7.1 | 5 | 120 | -- | <0.01 |
| MESA_2 | 12/8/92 | 0.227 | Mesa | ATL | 4.12 | 6.6 | 5 | 40 | -- | <0.01 |
| MESA_2 | 1/7/93 | 0.227 | Mesa | ATL | 2.3 | 7.4 | 5 | 78 | -- | <0.01 |
| MESA_2 | 2/8/93 | 0.227 | Mesa | ATL | 8.37 | 6.6 | ND | 99 | -- | <0.01 |
| MESA_2 | 8/6/93 | 0.227 | FCD | WTI | 6.62 | 7.26 | 6 | 170 | 23 | <0.01 |
| MESA_2 | 11/13/93 | 0.227 | FCD | WTI | NA | NA | 5 | 96 | 9.8 | NA |
| MESA_2 | 1/25/94 | 0.227 | FCD | WTI | 4.67 | NA | 24 | 120 | 9.8 | <0.01 |
| MESA_2 | 2/7/94 | 0.227 | FCD | WTI | 18.36 | 7.43 | 20 | 140 | 2.7 | <0.01 |
| MESA_2 | 3/7/94 | 0.227 | FCD | WTI | 5.15 | 7.78 | <5.0 | 110 | 9.7 | <0.01 |
| MESA_3 | 8/22/92 | 0.267 | Mesa | ATL | 20.11 | 6.1 | 12 | 150 | -- | <0.01 |
| MESA_3 | 12/4/92 | 0.267 | Mesa | ATL | 17.08 | 6.5 | 7 | 95 | -- | <0.01 |
| MESA_3 | 12/8/92 | 0.267 | Mesa | ATL | 13.27 | 6.7 | 5 | 37 | -- | <0.01 |
| MESA_3 | 1/7/93 | 0.267 | Mesa | ATL | 7.59 | 6.8 | 5 | 43 | -- | <0.01 |
| MESA_3 | 2/8/93 | 0.267 | Mesa | ATL | 40.56 | 6.7 | ND | 99 | -- | <0.01 |
| MESA_3 | 8/24/93 | 0.267 | FCD | WTI | 45.86 | 7.39 | 19 | 61 | NA | NA |
| MESA_3 | 11/13/93 | 0.267 | FCD | WTI | NA | NA | 5 | 95 | 1.3 | NA |
| MESA_3 | 1/25/94 | 0.267 | FCD | WTI | 15.81 | 7.17 | 59 | 270 | 6 | <0.01 |
| MESA_3 | 2/7/94 | 0.267 | FCD | WTI | 30.92 | 7.71 | 28 | 85 | 4.4 | <0.01 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

## Inorganic Chemistry
## Nonmetals

| Sampling Station Identification No. | Date | Drainage Area (sq. mi.) | Agency Collecting Sample | Agency Analyzing Sample | Instantaneous Discharge (cfs) | pH LAB (Standard Units) | BOD5 (mg/l) | COD High Level (mg/l) | Chloride (mg/l as Cl) | Cyanide Total (mg/l as Cn) |
|---|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | 0.103 | Mesa | ATL | 18.79 | 6.4 | 13 | 100 | -- | <0.01 |
| MESA_4 | 12/4/92 | 0.103 | Mesa | ATL | 12.42 | 6.5 | 8 | 51 | -- | <0.01 |
| MESA_4 | 12/5/92 | 0.103 | Mesa | ATL | 13.53 | 6.6 | 6 | 47 | -- | <0.01 |
| MESA_4 | 12/8/92 | 0.103 | Mesa | ATL | NA | 6.9 | 7 | 40 | -- | <0.01 |
| MESA_4 | 12/9/92 | 0.103 | Mesa | ATL | NA | 6.7 | 5 | 26 | -- | <0.01 |
| MESA_4 | 1/6/93 | 0.103 | Mesa | ATL | 5.39 | 7.1 | 7 | 71 | -- | <0.01 |
| MESA_4 | 2/8/93 | 0.103 | Mesa | ATL | 55.43 | 6.5 | 8 | 89 | -- | <0.01 |
| MESA_4 | 2/10/93 | 0.103 | Mesa | ATL | NA | 6.8 | ND | 85 | -- | <0.01 |
| MESA_4 | 8/24/93 | 0.103 | FCD | WTI | NA | 7.61 | 13 | NA | NA | NA |
| MESA_4 | 10/6/93 | 0.103 | FCD | WTI | 74.27 | 8.04 | 16 | 70 | 4.2 | <0.01 |
| MESA_4 | 2/7/94 | 0.103 | FCD | WTI | 46.31 | 7.54 | 11 | 24 | 1.7 | <0.01 |
| MESA_4 | 3/7/94 | 0.103 | FCD | WTI | 2.51 | 7.54 | 93 | 160 | 8.9 | <0.01 |
| MESA_5 | 12/4/92 | 0.098 | Mesa | ATL | 16.14 | 6.6 | 16 | 210 | -- | <0.01 |
| MESA_5 | 12/8/92 | 0.098 | Mesa | ATL | 10.44 | 6.9 | 9 | 58 | -- | <0.01 |
| MESA_5 | 1/6/93 | 0.098 | Mesa | ATL | 2.21 | 7.4 | 9 | 67 | -- | <0.01 |
| MESA_5 | 2/8/93 | 0.098 | Mesa | ATL | 16.24 | 6.9 | 6 | 110 | -- | <0.01 |
| MESA_5 | 11/13/93 | 0.098 | FCD | WTI | 3.03 | NA | 14 | 47 | 2.1 | NA |
| MESA_5 | 2/7/94 | 0.098 | FCD | WTI | NA | NA | 14 | NA | NA | NA |
| MESA_5 | 3/7/94 | 0.098 | FCD | WTI | 1.27 | 7.58 | 130 | 660 | 12 | <0.01 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | Conductivity (umhos/cm) | Fecal Coliform (MPN/100ml) | Fecal Streptococci (MPN/100ml) | TDS Solids Residue at 180 Deg. C Dissolved (mg/l) | TSS Residue Total at 105 Deg. C Suspended (mg/l) | Nitrogen No2 + No3 Total (mg/l as N) | TKN Nitrogen (mg/l as N) | Nitrogen Ammonia + Organic Total (mg/l as N) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | -- | 2 | 9 | 45 | 82 | 0.33 | 1.7 | 0.5 |
| MESA_1 | 10/28/92 | -- | 16000 | 90000 | 200 | 89 | 0.59 | 2 | 1.1 |
| MESA_1 | 12/4/92 | -- | 800 | 22000 | 66 | 60 | 0.3 | 1.2 | 0.8 |
| MESA_1 | 12/8/92 | -- | 2400 | 30000 | 57 | 30 | 0.26 | 1 | 0.5 |
| MESA_1 | 1/7/93 | -- | 3000 | 13000 | 32 | 56 | 0.25 | 0.9 | 0.3 |
| MESA_1 | 2/8/93 | -- | 500 | 50000 | 35 | 46 | ND | 0.9 | 0.4 |
| MESA_1 | 8/20/93 | -- | >16 | >16 | 260 | 110 | 1.6 | 5.3 | 5.3 |
| MESA_1 | 10/6/93 | 86 | NA | NA | 85 | 270 | 0.66 | 3 | 3.7 |
| MESA_1 | 2/7/93 | NA | 1400 | 170 | NA | NA | NA | NA | NA |
| MESA_1 | 3/7/94 | NA | 1000 | 140 | 160 | 49 | 1.8 | 4.2 | 4.2 |
| MESA_2 | 12/4/92 | -- | 3000 | 22000 | 65 | 180 | 0.35 | 1.9 | 0.8 |
| MESA_2 | 12/8/92 | -- | 5000 | 17000 | 56 | 34 | 0.45 | 0.9 | 0.4 |
| MESA_2 | 1/7/93 | -- | 3000 | 50000 | 100 | 85 | 0.6 | 1 | 0.4 |
| MESA_2 | 2/8/93 | -- | 3000 | 50000 | 44 | 81 | 0.35 | 0.9 | ND |
| MESA_2 | 8/6/93 | 140 | >16 | >16 | 96 | 180 | 1.1 | 3.1 | NA |
| MESA_2 | 11/13/93 | NA | 40000 | 71000 | 160 | 40 | <0.5 | 4.8 | 4.8 |
| MESA_2 | 1/25/94 | NA | 240000 | K1620000 | 140 | 34 | 1.8 | 5.5 | 5.5 |
| MESA_2 | 2/7/94 | NA | 360 | 12000 | 120 | 16 | 0.51 | 1.8 | 1.8 |
| MESA_2 | 3/7/94 | NA | 3400 | <1.0 | 160 | 43 | 1.4 | 3.1 | 3.1 |
| MESA_3 | 8/22/92 | -- | 2 | 2 | 61 | 82 | 0.6 | 2.5 | 1.5 |
| MESA_3 | 12/4/92 | -- | 240 | 2300 | 75 | 23 | 0.3 | 0.5 | 0.5 |
| MESA_3 | 12/8/92 | -- | 170 | 7000 | 54 | 56 | 0.21 | 0.9 | 0.3 |
| MESA_3 | 1/7/93 | -- | 220 | 7000 | 130 | 25 | 0.22 | 0.4 | 0.2 |
| MESA_3 | 2/8/93 | -- | 130 | 2400 | 55 | 100 | 0.32 | 0.9 | 0.3 |
| MESA_3 | 8/24/93 | NA | >16 | >16 | 69 | 150 | 0.73 | 2.4 | NA |
| MESA_3 | 11/13/93 | NA | 42000 | 28000 | 85 | 56 | 0.6 | 11 | 11 |
| MESA_3 | 1/25/94 | NA | 700 | 1300 | 230 | 76 | 2.3 | 5.3 | 5.3 |
| MESA_3 | 2/7/94 | NA | 29 | 690 | 120 | 22 | 0.69 | 3.3 | 3.3 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | Conductivity (umhos/cm) | Fecal Coliform (MPN/100ml) | Fecal Streptococci (MPN/100ml) | TDS Solids Residue at 180 Deg. C Dissolved (mg/l) | TSS Residue Total at 105 Deg. C Suspended (mg/l) | Nitrogen No2 + No3 Total (mg/l as N) | TKN Nitrogen (mg/l as N) | Nitrogen Ammonia + Organic Total (mg/l as N) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | -- | 16000 | 30000 | 81 | 110 | 0.5 | 2 | 0.9 |
| MESA_4 | 12/4/92 | -- | 5000 | 22000 | 56 | 20 | 0.32 | 1.3 | 0.8 |
| MESA_4 | 12/5/92 | -- | 9000 | 17000 | 77 | 17 | 0.21 | 1.1 | 0.6 |
| MESA_4 | 12/8/92 | -- | 2400 | 30000 | 160 | 20 | 0.45 | 2.4 | 0.5 |
| MESA_4 | 12/9/92 | -- | 1700 | 5000 | 88 | 10 | 0.21 | 1 | 0.2 |
| MESA_4 | 1/6/93 | -- | 250 | 9000 | 73 | 49 | 0.54 | 1.1 | 0.4 |
| MESA_4 | 2/8/93 | -- | 2400 | 11000 | 65 | 28 | 0.75 | 1.4 | 0.8 |
| MESA_4 | 2/10/93 | -- | 500 | 1100 | 39 | 6 | ND | 0.6 | 0.2 |
| MESA_4 | 8/24/93 | | >16 | >16 | NA | NA | NA | NA | NA |
| MESA_4 | 10/6/93 | 82 | NA | NA | 92 | 120 | 0.58 | 2.6 | NA |
| MESA_4 | 2/7/94 | NA | 4000 | 70 | 47 | 32 | <0.5 | 1.8 | 1.8 |
| MESA_4 | 3/7/94 | NA | 1500 | 330 | 140 | 140 | 1.6 | 3.3 | 3.3 |
| MESA_5 | 12/4/92 | -- | 2400 | 24000 | 90 | 120 | 0.32 | 2.1 | 1 |
| MESA_5 | 12/8/92 | -- | 2400 | 30000 | 60 | 21 | 0.21 | 1 | 0.7 |
| MESA_5 | 1/6/93 | -- | 500 | 11000 | 74 | 77 | 0.5 | 1.3 | 0.6 |
| MESA_5 | 2/8/93 | -- | 1700 | 500 | 43 | 130 | ND | 1 | 0.6 |
| MESA_5 | 11/13/93 | NA | 260000 | 25000 | 43 | 27 | <0.5 | 2.1 | 2.1 |
| MESA_5 | 2/7/94 | NA | 900 | 97 | NA | NA | NA | NA | NA |
| MESA_5 | 3/7/94 | NA | 500 | 480 | 210 | 190 | 3.3 | 7.2 | 7.2 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

## Inorganic Chemistry
## Total and Dissolved Metals

| Sampling Station Identification No. | Date | Phosphorous Total (mg/l as P) | Phosphorous Dissolved (mg/l as P) | Sulfate Dissolved (mg/l) | Oil and Grease Total Recoverable (mg/l) | Antimony (mg/l as Sb) | Arsenic Total (mg/l as As) | Beryllium Total Recoverable (mg/l as Be) | Cadmium Total Recoverable (mg/l as Cd) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | ND | 0.18 | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_1 | 10/28/92 | 0.23 | 0.23 | -- | 22 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_1 | 12/4/92 | 0.33 | ND | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_1 | 12/8/92 | 0.2 | ND | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_1 | 1/7/93 | 0.16 | 0.081 | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_1 | 2/8/93 | 0.093 | 0.05 | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_1 | 8/20/93 | 0.66 | 0.43 | -- | <5.0 | NA | NA | NA | <0.05 |
| MESA_1 | 10/6/93 | 0.96 | 0.31 | 6.7 | <5.0 | <0.05 | <0.05 | <0.05 | <0.05 |
| MESA_1 | 2/7/93 | NA | NA | NA | NA | NA | <0.05 | NA | <0.04 |
| MESA_1 | 3/7/94 | 0.64 | 0.4 | NA | 7 | NA | <0.05 | NA | <0.04 |
| MESA_2 | 12/4/92 | 0.14 | ND | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_2 | 12/8/92 | 0.21 | ND | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_2 | 1/7/93 | 0.2 | 0.13 | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_2 | 2/8/93 | 0.23 | 0.12 | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_2 | 8/6/93 | 0.67 | 0.38 | 19 | <5.0 | <0.05 | <0.05 | <0.05 | <0.05 |
| MESA_2 | 11/13/93 | 1.8 | 1 | NA | <5.0 | NA | <0.05 | NA | <0.05 |
| MESA_2 | 1/25/94 | 3.6 | 2.6 | NA | <5.0 | NA | <0.05 | NA | <0.04 |
| MESA_2 | 2/7/94 | 0.49 | 0.25 | NA | <1.0 | NA | <0.05 | NA | <0.04 |
| MESA_2 | 3/7/94 | 1 | 0.87 | NA | <1.0 | NA | <0.05 | NA | <0.04 |
| MESA_3 | 8/22/92 | ND | 0.17 | -- | 5 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_3 | 12/4/92 | 0.2 | ND | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_3 | 12/8/92 | 0.17 | ND | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_3 | 1/7/93 | 0.085 | 0.072 | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_3 | 2/8/93 | 0.15 | 0.12 | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_3 | 8/24/93 | 0.32 | 0.14 | NA | 7 | <0.05 | <0.05 | <0.05 | <0.05 |
| MESA_3 | 11/13/93 | 0.29 | 0.11 | NA | <5.0 | NA | <0.05 | NA | <0.05 |
| MESA_3 | 1/25/94 | 0.44 | 0.23 | NA | 7.3 | NA | <0.05 | NA | <0.04 |
| MESA_3 | 2/7/94 | 2.5 | 2.3 | NA | 1.6 | NA | <0.05 | NA | <0.04 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

## Inorganic Chemistry
## Total and Dissolved Metals

| Sampling Station Identification No. | Date | Phosphorous Total (mg/l as P) | Phosphorous Dissolved (mg/l as P) | Sulfate Dissolved (mg/l) | Oil and Grease Total Recoverable (mg/l) | Antimony (mg/l as Sb) | Arsenic Total (mg/l as As) | Beryllium Total Recoverable (mg/l as Be) | Cadmium Total Recoverable (mg/l as Cd) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | ND | 0.29 | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_4 | 12/4/92 | 0.21 | ND | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_4 | 12/5/92 | 0.22 | ND | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_4 | 12/8/92 | 0.16 | ND | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_4 | 12/9/92 | 0.094 | ND | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_4 | 1/6/93 | 0.13 | ND | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_4 | 2/8/93 | 0.16 | 0.0112 | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_4 | 2/10/93 | 0.088 | 0.064 | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_4 | 8/24/93 | NA | NA | | 5.00 | NA | NA | NA | NA |
| MESA_4 | 10/6/93 | 0.34 | 0.26 | NA | 6 | NA | <0.05 | <0.05 | <0.05 |
| MESA_4 | 2/7/94 | 0.3 | 0.21 | NA | <1.0 | NA | <0.05 | NA | <0.04 |
| MESA_4 | 3/7/94 | 0.45 | 0.28 | NA | 5 | NA | <0.05 | NA | <0.04 |
| MESA_5 | 12/4/92 | 0.4 | ND | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_5 | 12/8/92 | 0.18 | ND | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_5 | 1/6/93 | 0.22 | ND | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_5 | 2/8/93 | 0.22 | 0.15 | -- | <5.0 | <0.02 | <0.02 | <0.01 | <0.005 |
| MESA_5 | 11/13/93 | 0.2 | 0.12 | NA | 12 | NA | <0.05 | NA | <0.05 |
| MESA_5 | 2/7/94 | NA | NA | NA | 11 | NA | NA | NA | NA |
| MESA_5 | 3/7/94 | 0.98 | 0.41 | NA | 22 | NA | <0.05 | NA | <0.04 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | Cadmium Dissolved (mg/l as Cd) | Chromium Total Recoverable (mg/l as Cr) | Chromium Dissolved (mg/l as Cr) | Copper Total Recoverable (mg/l as Cu) | Copper Dissolved (mg/l as Cu) | Lead Total Recoverable (mg/l as Pb) | Lead Dissolved (mg/l as Pb) | Mercury Total Recoverable (mg/l as Hg) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | NA | <0.05 | NA | <0.05 | NA | <0.02 | NA | <0.001 |
| MESA_1 | 10/28/92 | NA | <0.05 | NA | <0.05 | NA | 0.021 | NA | <0.001 |
| MESA_1 | 12/4/92 | NA | <0.05 | NA | <0.05 | NA | <0.02 | NA | <0.001 |
| MESA_1 | 12/8/92 | NA | <0.05 | NA | <0.05 | NA | <0.02 | NA | <0.001 |
| MESA_1 | 1/7/93 | NA | <0.05 | NA | <0.05 | NA | <0.02 | NA | <0.001 |
| MESA_1 | 2/8/93 | NA | <0.05 | NA | <0.05 | NA | <0.02 | NA | <0.001 |
| MESA_1 | 8/20/93 | <0.0005 | <0.05 | <0.005 | <0.05 | <0.05 | <0.05 | <0.005 | <0.001 |
| MESA_1 | 10/6/93 | <0.0005 | <0.05 | <0.005 | <0.05 | <0.05 | 0.05 | <0.005 | <0.001 |
| MESA_1 | 2/7/93 | 0.0009 | <0.05 | 0.006 | <0.05 | <0.05 | <0.05 | <0.005 | <0.001 |
| MESA_1 | 3/7/94 | <0.0005 | <0.05 | <0.005 | 0.06 | <0.05 | <0.05 | <0.005 | <0.001 |
| MESA_2 | 12/4/92 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_2 | 12/8/92 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_2 | 1/7/93 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_2 | 2/8/93 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_2 | 8/6/93 | <0.0005 | <0.05 | <0.005 | <0.05 | <0.05 | <0.05 | <0.005 | <0.001 |
| MESA_2 | 11/13/93 | <0.0005 | <0.05 | <0.005 | <0.05 | <0.05 | <0.05 | 0.007 | <0.001 |
| MESA_2 | 1/25/94 | 0.0005 | <0.05 | <0.005 | <0.05 | 0.07 | <0.05 | <0.005 | <0.001 |
| MESA_2 | 2/7/94 | 0.0009 | <0.05 | 0.006 | <0.05 | <0.05 | <0.05 | <0.005 | <0.001 |
| MESA_2 | 3/7/94 | <0.0005 | <0.05 | <0.005 | 0.06 | <0.05 | 0.19 | <0.005 | <0.001 |
| MESA_3 | 8/22/92 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_3 | 12/4/92 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_3 | 12/8/92 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_3 | 1/7/93 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_3 | 2/8/93 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_3 | 8/24/93 | <0.0005 | <0.05 | <0.005 | <0.05 | <0.05 | 0.05 | <0.005 | <0.001 |
| MESA_3 | 11/13/93 | 0.001 | <0.05 | <0.005 | <0.05 | <0.05 | <0.05 | 0.013 | <0.001 |
| MESA_3 | 1/25/94 | 0.0051 | <0.05 | 0.009 | 0.07 | <0.05 | <0.05 | <0.05 | <0.001 |
| MESA_3 | 2/7/94 | <0.0005 | <0.05 | <0.005 | 0.06 | <0.05 | <0.05 | <0.005 | <0.001 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | Cadmium Dissolved (mg/l as Cd) | Chromium Total Recoverable (mg/l as Cr) | Chromium Dissolved (mg/l as Cr) | Copper Total Recoverable (mg/l as Cu) | Copper Dissolved (mg/l as Cu) | Lead Total Recoverable (mg/l as Pb) | Lead Dissolved (mg/l as Pb) | Mercury Total Recoverable (mg/l as Hg) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_4 | 12/4/92 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_4 | 12/5/92 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_4 | 12/8/92 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_4 | 12/9/92 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_4 | 1/6/93 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_4 | 2/8/93 | -- | 0.052 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_4 | 2/10/93 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_4 | 8/24/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_4 | 10/6/93 | <0.0005 | <0.05 | <0.005 | 0.85 | <0.05 | 0.07 | <0.005 | <0.001 |
| MESA_4 | 2/7/94 | <0.0005 | <0.05 | <0.005 | <0.05 | <0.05 | <0.05 | <0.005 | <0.001 |
| MESA_4 | 3/7/94 | <0.0005 | <0.05 | <0.005 | <0.05 | <0.05 | <0.05 | <0.005 | <0.001 |
| MESA_5 | 12/4/92 | -- | <0.05 | -- | <0.05 | -- | 0.027 | -- | <0.001 |
| MESA_5 | 12/8/92 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_5 | 1/6/93 | -- | <0.05 | -- | <0.05 | -- | <0.02 | -- | <0.001 |
| MESA_5 | 2/8/93 | -- | <0.05 | -- | <0.05 | -- | 0.032 | -- | <0.001 |
| MESA_5 | 11/13/93 | <0.0005 | <0.05 | <0.005 | <0.05 | <0.05 | <0.05 | 0.005 | <0.001 |
| MESA_5 | 2/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_5 | 3/7/94 | 0.0008 | <0.05 | <0.005 | 0.07 | <0.05 | 0.08 | <0.005 | <0.001 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

EPA Method 608
Organochlorine Pesticides and PCB's

| Sampling Station Identification No. | Date | Nickel Total Recoverable (mg/l as Ni) | Selenium Total (mg/l as Se) | Silver Total Recoverable (mg/l as Ag) | Thallium Total (mg/l as Tl) | Zinc Total Recoverable (mg/l as Zn) | Zinc Dissolved (mg/l as Zn) | Aldrin Total (ug/l) | BHC - ALPHA (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | NA | <0.01 | <0.01 |
| MESA_1 | 10/28/92 | <0.05 | <0.005 | <0.02 | <0.01 | 0.15 | NA | <0.01 | <0.01 |
| MESA_1 | 12/4/92 | <0.05 | <0.005 | <0.02 | <0.01 | 0.1 | NA | <0.01 | <0.01 |
| MESA_1 | 12/8/92 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | NA | <0.01 | <0.01 |
| MESA_1 | 1/7/93 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | NA | <0.01 | <0.01 |
| MESA_1 | 2/8/93 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | NA | <0.01 | <0.01 |
| MESA_1 | 8/20/93 | NA | NA | NA | NA | 0.28 | 0.15 | <1.0 | <0.6 |
| MESA_1 | 10/6/93 | <0.05 | <0.05 | <0.05 | <0.05 | 0.16 | <0.05 | <1.0 | <0.6 |
| MESA_1 | 2/7/93 | NA | NA | NA | NA | 0.08 | 0.11 | NA | NA |
| MESA_1 | 3/7/94 | NA | NA | NA | NA | 0.13 | <0.05 | NA | NA |
| MESA_2 | 12/4/92 | <0.05 | <0.005 | <0.02 | <0.01 | 0.13 | -- | <0.01 | <0.01 |
| MESA_2 | 12/8/92 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | -- | <0.01 | <0.01 |
| MESA_2 | 1/7/93 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | -- | <0.01 | <0.01 |
| MESA_2 | 2/8/93 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | -- | <0.01 | <0.01 |
| MESA_2 | 8/6/93 | <0.05 | <0.05 | <0.05 | <0.05 | 0.14 | <0.05 | <0.01 | <0.6 |
| MESA_2 | 11/13/93 | NA | NA | NA | NA | <0.05 | 0.06 | <0.8 | <0.3 |
| MESA_2 | 1/25/94 | NA | NA | NA | NA | 0.09 | 0.14 | <1.0 | <0.6 |
| MESA_2 | 2/7/94 | NA | NA | NA | NA | 0.08 | 0.11 | <1.0 | <0.6 |
| MESA_2 | 3/7/94 | NA | NA | NA | NA | 0.06 | <0.05 | <1.0 | <0.6 |
| MESA_3 | 8/22/92 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | -- | <0.01 | <0.01 |
| MESA_3 | 12/4/92 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | -- | <0.01 | <0.01 |
| MESA_3 | 12/8/92 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | -- | <0.01 | <0.01 |
| MESA_3 | 1/7/93 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | -- | <0.01 | <0.01 |
| MESA_3 | 2/8/93 | <0.05 | <0.005 | <0.02 | <0.01 | 0.13 | -- | <0.01 | <0.01 |
| MESA_3 | 8/24/93 | <0.05 | <0.05 | <0.05 | <0.10 | 0.12 | <0.05 | <1.0 | <0.6 |
| MESA_3 | 11/13/93 | NA | NA | NA | NA | 0.1 | 0.06 | <0.6 | <0.3 |
| MESA_3 | 1/25/94 | NA | NA | NA | NA | 0.22 | 0.15 | <0.1 | <0.6 |
| MESA_3 | 2/7/94 | NA | NA | NA | NA | 0.08 | <0.05 | <1.0 | <0.6 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

EPA Method 608
Organochlorine Pesticides and PCB's

| Sampling Station Identification No. | Date | Nickel Total Recoverable (mg/l as Ni) | Selenium Total (mg/l as Se) | Silver Total Recoverable (mg/l as Ag) | Thallium Total (mg/l as Tl) | Zinc Total Recoverable (mg/l as Zn) | Zinc Dissolved (mg/l as Zn) | Aldrin Total (ug/l) | BHC - ALPHA (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | -- | <0.01 | <0.01 |
| MESA_4 | 12/4/92 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | -- | <0.01 | <0.01 |
| MESA_4 | 12/5/92 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | -- | <0.01 | <0.01 |
| MESA_4 | 12/8/92 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | -- | <0.01 | <0.01 |
| MESA_4 | 12/9/92 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | -- | <0.01 | <0.01 |
| MESA_4 | 1/6/93 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | -- | <0.01 | <0.01 |
| MESA_4 | 2/8/93 | 0.06 | <0.005 | <0.02 | <0.01 | <0.1 | -- | <0.01 | <0.01 |
| MESA_4 | 2/10/93 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | -- | <0.01 | <0.01 |
| MESA_4 | 8/24/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_4 | 10/6/93 | <0.05 | <0.05 | <0.05 | <0.05 | 0.16 | <0.05 | <1.0 | <0.6 |
| MESA_4 | 2/7/94 | NA | NA | NA | NA | <0.05 | <0.05 | <1.0 | <0.6 |
| MESA_4 | 3/7/94 | NA | NA | NA | NA | 0.16 | <0.05 | NA | NA |
| MESA_5 | 12/4/92 | <0.05 | <0.005 | <0.02 | <0.01 | 0.18 | -- | <0.01 | <0.01 |
| MESA_5 | 12/8/92 | <0.05 | <0.005 | <0.02 | <0.01 | 0.12 | -- | <0.01 | <0.01 |
| MESA_5 | 1/6/93 | <0.05 | <0.005 | <0.02 | <0.01 | <0.1 | -- | <0.01 | <0.01 |
| MESA_5 | 2/8/93 | <0.05 | <0.005 | <0.02 | <0.01 | 0.14 | -- | <0.01 | <0.01 |
| MESA_5 | 11/13/93 | NA | NA | NA | NA | 0.08 | <0.05 | <0.8 | <0.3 |
| MESA_5 | 2/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_5 | 3/7/94 | NA | NA | NA | NA | 0.36 | 0.07 | NA | NA |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | BHC - Gamma (Lindane) (ug/l) | BHC - DELTA (ug/l) | | Aroclor 1016 PCB Total (ug/l) | Aroclor 1221 PCB Total (ug/l) | Aroclor 1232 PCB Total (ug/l) | Aroclor 1242 PCB Total (ug/l) | Aroclor 1248 PCB Total (ug/l) | Aroclor 1254 PCB Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <0.01 | <0.05 | | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_1 | 10/28/92 | <0.01 | <0.05 | | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_1 | 12/4/92 | <0.01 | <0.05 | | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_1 | 12/8/92 | <0.01 | <0.05 | | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_1 | 1/7/93 | <0.01 | <0.05 | | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_1 | 2/8/93 | <0.01 | <0.05 | | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_1 | 8/20/93 | <0.5 | <0.2 | | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 |
| MESA_1 | 10/6/93 | <0.5 | <0.2 | <2.0 | | <50.0 | <10.0 | <6.0 | 2.7 | <2.0 |
| MESA_1 | 2/7/93 | NA | NA | | NA | NA | NA | NA | NA | NA |
| MESA_1 | 3/7/94 | NA | NA | | NA | NA | NA | NA | NA | NA |
| MESA_2 | 12/4/92 | <0.01 | <0.05 | | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_2 | 12/8/92 | <0.01 | <0.05 | | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_2 | 1/7/93 | <0.01 | <0.05 | | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_2 | 2/8/93 | <0.01 | <0.05 | | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_2 | 8/6/93 | <0.5 | <0.2 | | <2.0 | <50.0 | <10.0 | <6.0 | <2.0 | <2.0 |
| MESA_2 | 11/13/93 | <0.1 | <0.1 | | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 |
| MESA_2 | 1/25/94 | <0.5 | <0.2 | | <2.0 | <50.0 | <10.0 | <6.0 | <2.0 | <2.0 |
| MESA_2 | 2/7/94 | <0.5 | <0.2 | | <2.0 | <50.0 | <10.0 | <6.0 | <2.0 | <2.0 |
| MESA_2 | 3/7/94 | <0.5 | <0.2 | | <2.0 | <50.0 | <10.0 | <6.0 | <2.0 | <2.0 |
| MESA_3 | 8/22/92 | <0.01 | <0.05 | | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_3 | 12/4/92 | <0.01 | <0.05 | | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_3 | 12/8/92 | <0.01 | <0.05 | | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_3 | 1/7/93 | <0.01 | <0.05 | | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_3 | 2/8/93 | <0.01 | <0.05 | | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_3 | 8/24/93 | <0.5 | <0.2 | | <50.0 | <10.0 | <10.0 | <6.0 | <2.0 | <2.0 |
| MESA_3 | 11/13/93 | <0.1 | <0.1 | | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 |
| MESA_3 | 1/25/94 | <0.5 | <0.2 | | <2.0 | <50. | <10. | <6.0 | <2.0 | <2.0 |
| MESA_3 | 2/7/94 | <0.5 | <0.2 | | <2.0 | <50. | <10. | <6.0 | <2.0 | <2.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | BHC - Gamma (Lindane) (ug/l) | BHC - DELTA (ug/l) | Aroclor 1016 PCB Total (ug/l) | Aroclor 1221 PCB Total (ug/l) | Aroclor 1232 PCB Total (ug/l) | Aroclor 1242 PCB Total (ug/l) | Aroclor 1248 PCB Total (ug/l) | Aroclor 1254 PCB Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_4 | 12/4/92 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_4 | 12/5/92 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_4 | 12/8/92 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_4 | 12/9/92 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_4 | 1/6/93 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_4 | 2/8/93 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_4 | 2/10/93 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_4 | 8/24/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_4 | 10/6/93 | <0.5 | <0.2 | <2.0 | <50.0 | <10.0 | <6.0 | <2.0 | <2.0 |
| MESA_4 | 2/7/94 | <0.5 | <0.2 | <2.0 | <50.0 | <10.0 | <6.0 | <2.0 | <2.0 |
| MESA_4 | 3/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_5 | 12/4/92 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_5 | 12/8/92 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_5 | 1/6/93 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_5 | 2/8/93 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| MESA_5 | 11/13/93 | <10.0 | <0.10 | <0.15 | <0.15 | <0.15 | <0.15 | <0.15 | <0.15 |
| MESA_5 | 2/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_5 | 3/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | Aroclor 1260 PCB Total (ug/l) | Chlordane Total (ug/l) | P,P' DDD Total (ug/l) | P,P' DDE Total (ug/l) | P,P' DDT Total (ug/l) | Dieldrin Total (ug/l) | Endo-Sulfan Alpha Total (ug/l) | Endo-Sulfan Beta Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_1 | 10/28/92 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_1 | 12/4/92 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_1 | 12/8/92 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_1 | 1/7/93 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_1 | 2/8/93 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_1 | 8/20/93 | <20.0 | <1.5 | <0.10 | <0.10 | <1.0 | <0.50 | <0.4 | <1.0 |
| MESA_1 | 10/6/93 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 | <0.50 | <0.4 | <1.0 |
| MESA_1 | 2/7/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_1 | 3/7/94 | NA | NA | NA | <0.1 | NA | NA | NA | NA |
| MESA_2 | 12/4/92 | <0.20 | <0.1 | <0.05 | 0.14 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_2 | 12/8/92 | <0.20 | <0.1 | <0.05 | 0.027 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_2 | 1/7/93 | <0.20 | <0.1 | <0.05 | 0.12 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_2 | 2/8/93 | <0.20 | <0.1 | <0.05 | 0.016 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_2 | 8/6/93 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 | <0.5 | <0.4 | <1.0 |
| MESA_2 | 11/13/93 | <0.25 | <1.5 | <0.05 | <0.1 | <0.6 | <0.3 | <0.2 | <0.5 |
| MESA_2 | 1/25/94 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 | <0.5 | <0.4 | <1.0 |
| MESA_2 | 2/7/94 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 | <0.5 | <0.4 | <1.0 |
| MESA_2 | 3/7/94 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 | <0.5 | <0.4 | <1.0 |
| MESA_3 | 8/22/92 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_3 | 12/4/92 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_3 | 12/8/92 | <0.20 | <0.1 | <0.05 | 0.13 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_3 | 1/7/93 | <0.20 | <0.1 | <0.05 | 0.017 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_3 | 2/8/93 | <0.20 | <0.1 | <0.05 | 0.033 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_3 | 8/24/93 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 | <0.5 | <0.4 | <1.0 |
| MESA_3 | 11/13/93 | <0.25 | <1.5 | <0.6 | <0.1 | <0.05 | <0.3 | <0.2 | <0.5 |
| MESA_3 | 1/25/94 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 | <0.5 | <0.4 | <1.0 |
| MESA_3 | 2/7/94 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 | <0.5 | <0.4 | <1.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | Aroclor 1260 PCB Total (ug/l) | Chlordane Total (ug/l) | P,P' DDD Total (ug/l) | P,P' DDE Total (ug/l) | P,P' DDT Total (ug/l) | Dieldrin Total (ug/l) | Endo-Sulfan Alpha Total (ug/l) | Endo-Sulfan Beta Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_4 | 12/4/92 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_4 | 12/5/92 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_4 | 12/8/92 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_4 | 12/9/92 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_4 | 1/6/93 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_4 | 2/8/93 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_4 | 2/10/93 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_4 | 8/24/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_4 | 10/6/93 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 | <0.5 | <0.4 | <1.0 |
| MESA_4 | 2/7/94 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 | <0.5 | <0.4 | <1.0 |
| MESA_4 | 3/7/94 | NA | NA | NA | <0.1 | NA | NA | NA | NA |
| MESA_5 | 12/4/92 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_5 | 12/8/92 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_5 | 1/6/93 | <0.20 | <0.1 | <0.05 | 0.014 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_5 | 2/8/93 | <0.20 | <0.1 | <0.05 | 0.022 | <0.05 | <0.01 | <0.05 | <0.02 |
| MESA_5 | 11/13/93 | <0.15 | <1.50 | <0.05 | <0.1 | <0.6 | <0.30 | <0.20 | <0.50 |
| MESA_5 | 2/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_5 | 3/7/94 | NA | NA | NA | <0.1 | NA | NA | NA | NA |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

EPA Method: 624
Purgeables

| Sampling Station Identification No. | Date | Endo-Sulfan Sulfate Total (ug/l) | Endrin Aldehyde Total (ug/l) | Endrin Total (ug/l) | Heptachlor Total (ug/l) | Heptachlor Epoxide Total (ug/l) | Toxaphene Total (ug/l) | 1,1,2,2-Tetra-Chloroethane Total (ug/l) | Tetra-chloroethene PCE (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_1 | 10/28/92 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_1 | 12/4/92 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_1 | 12/8/92 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_1 | 1/7/93 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_1 | 2/8/93 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_1 | 8/20/93 | <0.4 | <0.60 | <1.5 | <0.5 | <0.5 | <2.5 | NA | -- |
| MESA_1 | 10/6/93 | <0.4 | <0.60 | <1.5 | <0.5 | <0.5 | <2.5 | NA | NA |
| MESA_1 | 2/7/93 | NA | NA | NA | NA | NA | NA | <2.0 | <2.0 |
| MESA_1 | 3/7/94 | NA | NA | NA | NA | NA | NA | <2.0 | <2.0 |
| MESA_2 | 12/4/92 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_2 | 12/8/92 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_2 | 1/7/93 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_2 | 2/8/93 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_2 | 8/6/93 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 | <2.5 | <2.0 | <2.0 |
| MESA_2 | 11/13/93 | <0.2 | <0.3 | <0.1 | <0.3 | <0.1 | <2.5 | <0.5 | <0.5 |
| MESA_2 | 1/25/94 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 | <2.5 | <5.0 | <5.0 |
| MESA_2 | 2/7/94 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 | <2.5 | <5.0 | <5.0 |
| MESA_2 | 3/7/94 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 | <2.5 | <2.0 | <2.0 |
| MESA_3 | 8/22/92 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_3 | 12/4/92 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_3 | 12/8/92 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_3 | 1/7/93 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_3 | 2/8/93 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_3 | 8/24/93 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 | <2.5 | <2.0 | NA |
| MESA_3 | 11/13/93 | <0.2 | <0.3 | <0.1 | <0.3 | <0.1 | <2.5 | <0.5 | <0.5 |
| MESA_3 | 1/25/94 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 | <2.5 | <5.0 | <5.0 |
| MESA_3 | 2/7/94 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 | <2.5 | <2.0 | <2.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

EPA Method: 624
Purgeables

| Sampling Station Identification No. | Date | Endo-Sulfan Sulfate Total (ug/l) | Endrin Aldehyde Total (ug/l) | Endrin Total (ug/l) | Heptachlor Total (ug/l) | Heptachlor Epoxide Total (ug/l) | Toxaphene Total (ug/l) | 1,1,2,2-Tetra-Chloroethane Total (ug/l) | Tetra-chloroethene PCE (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_4 | 12/4/92 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_4 | 12/5/92 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_4 | 12/8/92 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_4 | 12/9/92 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_4 | 1/6/93 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_4 | 2/8/93 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_4 | 2/10/93 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_4 | 8/24/93 | NA | NA | NA | NA | NA | NA | ND | ND |
| MESA_4 | 10/6/93 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 | <2.5 | NA | NA |
| MESA_4 | 2/7/94 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 | <2.5 | <2.0 | <2.0 |
| MESA_4 | 3/7/94 | NA | NA | NA | NA | NA | NA | <2.0 | <2.0 |
| MESA_5 | 12/4/92 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_5 | 12/8/92 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_5 | 1/6/93 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_5 | 2/8/93 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 | <0.20 | <6.9 | -- |
| MESA_5 | 11/13/93 | <0.20 | <0.30 | <0.10 | <0.30 | <0.10 | <2.50 | <0.50 | <0.50 |
| MESA_5 | 2/7/94 | NA | NA | NA | NA | NA | NA | <2.0 | <2.0 |
| MESA_5 | 3/7/94 | NA | NA | NA | NA | NA | NA | <2.0 | <2.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | 1,1,1-Tri-Chloroethane Total (ug/l) | 1,1,2-Tri-Chloroethane Total (ug/l) | Trichloro-ethene TCE (ug/l) | 1,1-Di-Chloroethane Total (ug/l) | 1,1-Di-Chloroethene Total (ug/l) | 1,2-Di-Chloroethane Total (ug/l) | 1,2-Di-Chloropropane Total (ug/l) | 2-Chloro-ethylvinyl ether (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_1 | 10/28/92 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_1 | 12/4/92 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_1 | 12/8/92 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_1 | 1/7/93 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_1 | 2/8/93 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_1 | 8/20/93 | NA | NA | -- | NA | -- | NA | NA | -- |
| MESA_1 | 10/6/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_1 | 2/7/93 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 |
| MESA_1 | 3/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 |
| MESA_2 | 12/4/92 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_2 | 12/8/92 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_2 | 1/7/93 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_2 | 2/8/93 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_2 | 8/6/93 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 |
| MESA_2 | 11/13/93 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | NA |
| MESA_2 | 1/25/94 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <15.0 |
| MESA_2 | 2/7/94 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <15.0 |
| MESA_2 | 3/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 |
| MESA_3 | 8/22/92 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_3 | 12/4/92 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_3 | 12/8/92 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_3 | 1/7/93 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_3 | 2/8/93 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_3 | 8/24/93 | <2.0 | <2.0 | NA | <2.0 | NA | <2.0 | <2.0 | NA |
| MESA_3 | 11/13/93 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | NA |
| MESA_3 | 1/25/94 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <15.0 |
| MESA_3 | 2/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | 1,1,1-Tri-Chloroethane Total (ug/l) | 1,1,2-Tri-Chloroethane Total (ug/l) | Trichloro-ethene TCE (ug/l) | 1,1-Di-Chloroethane Total (ug/l) | 1,1-Di-Chloroethene Total (ug/l) | 1,2-Di-Chloroethane Total (ug/l) | 1,2-Di-Chloropropane Total (ug/l) | 2-Chloro-ethylvinyl ether (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_4 | 12/4/92 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_4 | 12/5/92 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_4 | 12/8/92 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_4 | 12/9/92 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_4 | 1/6/93 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_4 | 2/8/93 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_4 | 2/10/93 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_4 | 8/24/93 | ND | ND | ND | ND | ND | ND | ND | ND |
| MESA_4 | 10/6/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_4 | 2/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 |
| MESA_4 | 3/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 |
| MESA_5 | 12/4/92 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_5 | 12/8/92 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_5 | 1/6/93 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_5 | 2/8/93 | <3.8 | <5.0 | -- | <4.7 | -- | <2.8 | <6.0 | -- |
| MESA_5 | 11/13/93 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| MESA_5 | 2/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 |
| MESA_5 | 3/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | cis-1,3-Dichloro-propene (ug/l) | trans-1,2-Dichloroethene (ug/l) | trans-1,3-Dichloropropene (ug/l) | Benzene Total (ug/l) | Bromodichloro-methane (ug/l) | Bromoform Total (ug/l) | Bromomethane (ug/l) | Carbon-tetrachloride Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_1 | 10/28/92 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_1 | 12/4/92 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_1 | 12/8/92 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_1 | 1/7/93 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_1 | 2/8/93 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_1 | 8/20/93 | -- | -- | -- | NA | -- | NA | -- | NA |
| MESA_1 | 10/6/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_1 | 2/7/93 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <5.0 | <2.0 |
| MESA_1 | 3/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <5.0 | <2.0 |
| MESA_2 | 12/4/92 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_2 | 12/8/92 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_2 | 1/7/93 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_2 | 2/8/93 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_2 | 8/6/93 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <5.0 | <2.0 |
| MESA_2 | 11/13/93 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| MESA_2 | 1/25/94 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <10.0 | <5.0 |
| MESA_2 | 2/7/94 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <10.0 | <5.0 |
| MESA_2 | 3/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <5.0 | <2.0 |
| MESA_3 | 8/22/92 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_3 | 12/4/92 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_3 | 12/8/92 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_3 | 1/7/93 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_3 | 2/8/93 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_3 | 8/24/93 | NA | NA | NA | <5.0 | NA | <5.0 | NA | 2 |
| MESA_3 | 11/13/93 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| MESA_3 | 1/25/94 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <15.0 | <5.0 |
| MESA_3 | 2/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <5.0 | <2.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | cis-1,3-Dichloro-propene (ug/l) | trans-1,2-Dichloroethene (ug/l) | trans-1,3-Dichloropropene (ug/l) | Benzene Total (ug/l) | Bromodichloro-methane (ug/l) | Bromoform Total (ug/l) | Bromomethane (ug/l) | Carbon-tetrachloride Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_4 | 12/4/92 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_4 | 12/5/92 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_4 | 12/8/92 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_4 | 12/9/92 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_4 | 1/6/93 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_4 | 2/8/93 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_4 | 2/10/93 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_4 | 8/24/93 | ND | ND | ND | ND | ND | ND | ND | ND |
| MESA_4 | 10/6/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_4 | 2/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <5.0 | <2.0 |
| MESA_4 | 3/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <5.0 | <2.0 |
| MESA_5 | 12/4/92 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_5 | 12/8/92 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_5 | 1/6/93 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_5 | 2/8/93 | -- | -- | -- | <4.4 | -- | <4.7 | -- | <2.8 |
| MESA_5 | 11/13/93 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| MESA_5 | 2/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <5.0 | <2.0 |
| MESA_5 | 3/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <5.0 | <2.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | Chlorobenzene Total (ug/l) | Chloroethane (ug/l) | Chloroform Total (ug/l) | Chloromethane (ug/l) | Ethyl-Benzene Total (ug/l) | Methylene Chloride Total (ug/l) | Toluene Total (ug/l) | Vinyl Chloride Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_1 | 10/28/92 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_1 | 12/4/92 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | 5 | <3.5 |
| MESA_1 | 12/8/92 | <6.0 | -- | <1.6 | -- | <7.2 | 1.4 | 0.7 | <3.5 |
| MESA_1 | 1/7/93 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_1 | 2/8/93 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_1 | 8/20/93 | NA | -- | NA | -- | NA | NA | NA | NA |
| MESA_1 | 10/6/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_1 | 2/7/93 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 |
| MESA_1 | 3/7/94 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 |
| MESA_2 | 12/4/92 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_2 | 12/8/92 | <6.0 | -- | <1.6 | -- | <7.2 | 1.6 | <6.0 | <3.5 |
| MESA_2 | 1/7/93 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_2 | 2/8/93 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_2 | 8/6/93 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 |
| MESA_2 | 11/13/93 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | NA | <0.5 | <0.5 |
| MESA_2 | 1/25/94 | <10 | <10 | <5.0 | <10.0 | <5.0 | <5.0 | <5.0 | <10.0 |
| MESA_2 | 2/7/94 | <10 | <10 | <5.0 | <10.0 | <5.0 | <5.0 | <5.0 | <10.0 |
| MESA_2 | 3/7/94 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 |
| MESA_3 | 8/22/92 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_3 | 12/4/92 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_3 | 12/8/92 | <6.0 | -- | <1.6 | -- | <7.2 | 1.9 | <6.0 | <3.5 |
| MESA_3 | 1/7/93 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_3 | 2/8/93 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_3 | 8/24/93 | <2.0 | NA | <2.0 | NA | <2.0 | <5.0 | <2.0 | <5.0 |
| MESA_3 | 11/13/93 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | NA | <0.5 | <0.5 |
| MESA_3 | 1/25/94 | <10.0 | <10.0 | <5.0 | <10.0 | <5.0 | <5.0 | <5.0 | <10.0 |
| MESA_3 | 2/7/94 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | Chlorobenzene Total (ug/l) | Chloroethane (ug/l) | Chloroform Total (ug/l) | Chloromethane (ug/l) | Ethyl-Benzene Total (ug/l) | Methylene Chloride Total (ug/l) | Toluene Total (ug/l) | Vinyl Chloride Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_4 | 12/4/92 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_4 | 12/5/92 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_4 | 12/8/92 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_4 | 12/9/92 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_4 | 1/6/93 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_4 | 2/8/93 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_4 | 2/10/93 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_4 | 8/24/93 | ND | ND | ND | ND | ND | ND | ND | ND |
| MESA_4 | 10/6/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_4 | 2/7/94 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 |
| MESA_4 | 3/7/94 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 |
| MESA_5 | 12/4/92 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_5 | 12/8/92 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_5 | 1/6/93 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_5 | 2/8/93 | <6.0 | -- | <1.6 | -- | <7.2 | <2.8 | <6.0 | <3.5 |
| MESA_5 | 11/13/93 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 |
| MESA_5 | 2/7/94 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 |
| MESA_5 | 3/7/94 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 | <5.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
k### = Nonideal Count

EPA Method: 625
Base/Neutrals & Acids

| Sampling Station Identification No. | Date | Acrolein Total (ug/l) | Acrylonitirile Total (ug/l) | Chloro-Di-Bromomethane Total (ug/l) | Xylenes (ug/l) | N-Nitrosodi-Methylamine Total (ug/l) | N-Nitrosodi-Phenylamine Total (ug/l) | N-Nitrosodi-N-Propylamine Total (ug/l) | 2,4-Di-Nitrotoluene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <50.0 | <50.0 | <3.1 | NA | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_1 | 10/28/92 | <50.0 | <50.0 | <3.1 | NA | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_1 | 12/4/92 | <50.0 | <50.0 | <3.1 | NA | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_1 | 12/8/92 | <50.0 | <50.0 | <3.1 | NA | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_1 | 1/7/93 | <50.0 | <50.0 | <3.1 | NA | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_1 | 2/8/93 | <50.0 | <50.0 | <3.1 | NA | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_1 | 8/20/93 | NA | NA | NA | NA | <20.0 | <20.0 | <20.0 | <10.0 |
| MESA_1 | 10/6/93 | NA | NA | NA | | NA | NA | NA | NA |
| MESA_1 | 2/7/93 | <10.0 | <10.0 | <2.0 | <2.0 | NA | NA | NA | NA |
| MESA_1 | 3/7/94 | <10.0 | <10.0 | <2.0 | <2.0 | NA | NA | NA | NA |
| MESA_2 | 12/4/92 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_2 | 12/8/92 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_2 | 1/7/93 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_2 | 2/8/93 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_2 | 8/6/93 | <10.0 | <10.0 | <5.0 | -- | <20.0 | <20.0 | <20.0 | <10.0 |
| MESA_2 | 11/13/93 | NA | NA | <0.5 | <0.5 | <20.0 | <20.0 | <20.0 | <10.0 |
| MESA_2 | 1/25/94 | <5.0 | <5.0 | <5.0 | <10.0 | <40.0 | <40.0 | <40.0 | <20.0 |
| MESA_2 | 2/7/94 | <5.0 | <5.0 | <5.0 | <10.0 | <40.0 | <40.0 | <40.0 | <20.0 |
| MESA_2 | 3/7/94 | <10.0 | <10.0 | <2.0 | <2.0 | <20.0 | <20.0 | <20.0 | <10.0 |
| MESA_3 | 8/22/92 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_3 | 12/4/92 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_3 | 12/8/92 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_3 | 1/7/93 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_3 | 2/8/93 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_3 | 8/24/93 | <10.0 | <10.0 | NA | NA | <20.0 | <20.0 | <20.0 | <10.0 |
| MESA_3 | 11/13/93 | NA | NA | <0.5 | <0.5 | <20.0 | <20.0 | <20.0 | <10.0 |
| MESA_3 | 1/25/94 | <5.0 | <5.0 | <5.0 | <10.0 | <200 | <200 | <200 | <100.0 |
| MESA_3 | 2/7/94 | <10.0 | <10.0 | <2.0 | <2.0 | <40.0 | <40.0 | <40.0 | <20.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

EPA Method: 625
Base/Neutrals & Acids

| Sampling Station Identification No. | Date | Acrolein Total (ug/l) | Acrylonitirile Total (ug/l) | Chloro-Di-Bromomethane Total (ug/l) | Xylenes (ug/l) | N-Nitrosodi-Methylamine Total (ug/l) | N-Nitrosodi-Phenylamine Total (ug/l) | N-Nitrosodi-N-Propylamine Total (ug/l) | 2,4-Di-Nitrotoluene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_4 | 12/4/92 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_4 | 12/5/92 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_4 | 12/8/92 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_4 | 12/9/92 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_4 | 1/6/93 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_4 | 2/8/93 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_4 | 2/10/93 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_4 | 8/24/93 | ND | ND | ND | ND | NA | NA | NA | NA |
| MESA_4 | 10/6/93 | NA | NA | NA | NA | <20.0 | <20.0 | <20.0 | <10.0 |
| MESA_4 | 2/7/94 | <10.0 | <10.0 | <2.0 | <2.0 | <40.0 | <40.0 | <40.0 | <20.0 |
| MESA_4 | 3/7/94 | <10.0 | <10.0 | <2.0 | <2.0 | NA | NA | NA | NA |
| MESA_5 | 12/4/92 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_5 | 12/8/92 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_5 | 1/6/93 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_5 | 2/8/93 | <50.0 | <50.0 | <3.1 | -- | <10.0 | <10.0 | <10.0 | <5.7 |
| MESA_5 | 11/13/93 | <0.50 | <0.50 | <0.50 | <0.50 | <20.0 | <20.0 | <20.0 | <10.0 |
| MESA_5 | 2/7/94 | <10.0 | <10.0 | <2.0 | <2.0 | NA | NA | NA | NA |
| MESA_5 | 3/7/94 | <10.0 | <10.0 | <2.0 | <2.0 | NA | NA | NA | NA |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | Iso-Phorone Total (ug/l) | Nitrobenzene Total (ug/l) | 2,6-Di-Nitrotoluene Total (ug/l) | 2-Methyl-4,6-Dinitrophenol (ug/l) | 2,4,6-Tri-Chlorophenol Total (ug/l) | 2,4-Di-Chlorophenol Total (ug/l) | 2,4-Di-Methylphenol Total (ug/l) | 2,4-Dinitro-phenol (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_1 | 10/28/92 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_1 | 12/4/92 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_1 | 12/8/92 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_1 | 1/7/93 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_1 | 2/8/93 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_1 | 8/20/93 | <10.0 | <10.0 | <10.0 | -- | <10.0 | <10.0 | <10.0 | -- |
| MESA_1 | 10/6/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_1 | 2/7/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_1 | 3/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_2 | 12/4/92 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_2 | 12/8/92 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_2 | 1/7/93 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_2 | 2/8/93 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_2 | 8/6/93 | <10.0 | <10.0 | <10.0 | <30.0 | <10.0 | <10.0 | <10.0 | <50.0 |
| MESA_2 | 11/13/93 | <10.0 | <10.0 | <10.0 | <30.0 | <10.0 | <10.0 | <10.0 | <50.0 |
| MESA_2 | 1/25/94 | <20.0 | <20.0 | <20.0 | <60.0 | <20.0 | <20.0 | <20.0 | <100.0 |
| MESA_2 | 2/7/94 | <20.0 | <20.0 | <20.0 | <60.0 | <20.0 | <20.0 | <20.0 | <100.0 |
| MESA_2 | 3/7/94 | <10.0 | <10.0 | <10.0 | <30.0 | <10.0 | <10.0 | <10.0 | <50.0 |
| MESA_3 | 8/22/92 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_3 | 12/4/92 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_3 | 12/8/92 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_3 | 1/7/93 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_3 | 2/8/93 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_3 | 8/24/93 | <10.0 | <10.0 | <10.0 | NA | <10.0 | <10.0 | <10.0 | NA |
| MESA_3 | 11/13/93 | <10.0 | <10.0 | <10.0 | <30.0 | <10.0 | <10.0 | <10.0 | <50.0 |
| MESA_3 | 1/25/94 | <100.0 | <100.0 | <100.0 | <310.0 | <100.0 | <100.0 | <100.0 | <510.0 |
| MESA_3 | 2/7/94 | <20.0 | <20.0 | <20.0 | <60.0 | <20.0 | <20.0 | <20.0 | <100.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | Iso-Phorone Total (ug/l) | Nitrobenzene Total (ug/l) | 2,6-Di-Nitrotoluene Total (ug/l) | 2-Methyl-4,6-Dinitrophenol (ug/l) | 2,4,6-Tri-Chlorophenol Total (ug/l) | 2,4-Di-Chlorophenol Total (ug/l) | 2,4-Di-Methylphenol Total (ug/l) | 2,4-Dinitro-phenol (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_4 | 12/4/92 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_4 | 12/5/92 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_4 | 12/8/92 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_4 | 12/9/92 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_4 | 1/6/93 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_4 | 2/8/93 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_4 | 2/10/93 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_4 | 8/24/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_4 | 10/6/93 | <10.0 | <10.0 | <10.0 | <30.0 | <10.0 | <10.0 | <10.0 | <50.0 |
| MESA_4 | 2/7/94 | <20.0 | <20.0 | <20.0 | <60.0 | <20.0 | <20.0 | <20.0 | <100.0 |
| MESA_4 | 3/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_5 | 12/4/92 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_5 | 12/8/92 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_5 | 1/6/93 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_5 | 2/8/93 | <2.2 | <1.9 | <1.9 | -- | <2.7 | <2.7 | <2.7 | -- |
| MESA_5 | 11/13/93 | <10.0 | <10.0 | <10.0 | <30.0 | <10.0 | <10.0 | <10.0 | <50.0 |
| MESA_5 | 2/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_5 | 3/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | 2-Chlorophenol Total (ug/l) | 2-Nitrophenol Total (ug/l) | 4-Chloro--3-Methylphenol (ug/l) | 4-Nitrophenol Total (ug/l) | Penta-Chlorophenol Total (ug/l) | Phenol Total (ug/l) | Phenols Total Recoverable (mg/l) | Dimethyl-Phthalate Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | <0.005 | <1.6 |
| MESA_1 | 10/28/92 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | <0.005 | <1.6 |
| MESA_1 | 12/4/92 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | <0.005 | <1.6 |
| MESA_1 | 12/8/92 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | <0.005 | <1.6 |
| MESA_1 | 1/7/93 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | 0.005 | <1.6 |
| MESA_1 | 2/8/93 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | <0.005 | <1.6 |
| MESA_1 | 8/20/93 | <10.0 | <10.0 | -- | <10.0 | <10.0 | <10.0 | NA | <10.0 |
| MESA_1 | 10/6/93 | NA | NA | NA | NA | NA | NA | 0.01 | NA |
| MESA_1 | 2/7/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_1 | 3/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_2 | 12/4/92 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | 0.053 | <1.6 |
| MESA_2 | 12/8/92 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | 0.053 | <1.6 |
| MESA_2 | 1/7/93 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | 0.053 | <1.6 |
| MESA_2 | 2/8/93 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | 0.053 | <1.6 |
| MESA_2 | 8/6/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | NA | <10.0 |
| MESA_2 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | NA | <10.0 |
| MESA_2 | 1/25/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | NA | <20.0 |
| MESA_2 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | NA | <20.0 |
| MESA_2 | 3/7/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | NA | <10.0 |
| MESA_3 | 8/22/92 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | 0.053 | <1.6 |
| MESA_3 | 12/4/92 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | 0.053 | <1.6 |
| MESA_3 | 12/8/92 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | 0.053 | <1.6 |
| MESA_3 | 1/7/93 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | 0.053 | <1.6 |
| MESA_3 | 2/8/93 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | 0.053 | <1.6 |
| MESA_3 | 8/24/93 | <10.0 | <10.0 | NA | <10.0 | <10.0 | <10.0 | | <10.0 |
| MESA_3 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | NA | <10.0 |
| MESA_3 | 1/25/94 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 | NA | <100.0 |
| MESA_3 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | NA | <20.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
k### = Nonideal Count

| Sampling Station Identification No. | Date | 2-Chlorophenol Total (ug/l) | 2-Nitrophenol Total (ug/l) | 4-Chloro--3-Methylphenol (ug/l) | 4-Nitrophenol Total (ug/l) | Penta-Chlorophenol Total (ug/l) | Phenol Total (ug/l) | Phenols Total Recoverable (mg/l) | Dimethyl-Phthalate Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | <0.005 | <1.6 |
| MESA_4 | 12/4/92 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | <0.005 | <1.6 |
| MESA_4 | 12/5/92 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | <0.005 | <1.6 |
| MESA_4 | 12/8/92 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | <0.005 | <1.6 |
| MESA_4 | 12/9/92 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | <0.005 | <1.6 |
| MESA_4 | 1/6/93 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | 0.005 | <1.6 |
| MESA_4 | 2/8/93 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | <0.005 | <1.6 |
| MESA_4 | 2/10/93 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | 0.053 | <1.6 |
| MESA_4 | 8/24/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_4 | 10/6/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <0.01 | <10.0 |
| MESA_4 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | NA | <20.0 |
| MESA_4 | 3/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_5 | 12/4/92 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | 0.053 | <1.6 |
| MESA_5 | 12/8/92 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | 0.053 | <1.6 |
| MESA_5 | 1/6/93 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | 0.053 | <1.6 |
| MESA_5 | 2/8/93 | <3.3 | <3.6 | -- | <2.4 | <3.6 | <1.5 | 0.053 | <1.6 |
| MESA_5 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | NA | <10.0 |
| MESA_5 | 2/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_5 | 3/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | Diethyl-Phthalate Total (ug/l) | Di-N-Butyl Phthalate Total (ug/l) | Butyl Benzyl Phthalate Total (ug/l) | Bis(2-Ethyl Hexyl) Phthalate Total (ug/l) | Di-N-Octyl-Phthalate Total (ug/l) | Acenaphthene Total (ug/l) | Acenaphthylene Total (ug/l) | Anthracene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_1 | 10/28/92 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_1 | 12/4/92 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_1 | 12/8/92 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_1 | 1/7/93 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_1 | 2/8/93 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_1 | 8/20/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_1 | 10/6/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_1 | 2/7/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_1 | 3/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_2 | 12/4/92 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_2 | 12/8/92 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_2 | 1/7/93 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_2 | 2/8/93 | <22.0 | <2.5 | <2.5 | 4.9 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_2 | 8/6/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_2 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_2 | 1/25/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 |
| MESA_2 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 |
| MESA_2 | 3/7/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_3 | 8/22/92 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_3 | 12/4/92 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_3 | 12/8/92 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_3 | 1/7/93 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_3 | 2/8/93 | <22.0 | <2.5 | <2.5 | 5.8 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_3 | 8/24/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_3 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_3 | 1/25/94 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 |
| MESA_3 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | Diethyl-Phthalate Total (ug/l) | Di-N-Butyl Phthalate Total (ug/l) | Butyl Benzyl Phthalate Total (ug/l) | Bis(2-Ethyl Hexyl) Phthalate Total (ug/l) | Di-N-Octyl-Phthalate Total (ug/l) | Acenaphthene Total (ug/l) | Acenaphthylene Total (ug/l) | Anthracene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_4 | 12/4/92 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_4 | 12/5/92 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_4 | 12/8/92 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_4 | 12/9/92 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_4 | 1/6/93 | <22.0 | <2.5 | <2.5 | 12 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_4 | 2/8/93 | <22.0 | <2.5 | <2.5 | 5.8 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_4 | 2/10/93 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_4 | 8/24/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_4 | 10/6/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_4 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 |
| MESA_4 | 3/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_5 | 12/4/92 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_5 | 12/8/92 | <22.0 | <2.5 | <2.5 | <2.5 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_5 | 1/6/93 | <22.0 | <2.5 | <2.5 | 14 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_5 | 2/8/93 | <22.0 | <2.5 | <2.5 | 12 | <2.5 | <1.9 | <3.5 | <1.9 |
| MESA_5 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_5 | 2/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_5 | 3/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | Benzo-A Anthracene Total (ug/l) | Benzo-A-Pyrene Total (ug/l) | Benzo (GHI) Perylene Total (ug/l) | Benzo-K Fluoranthene Total (ug/l) | Chyrsene Total (ug/l) | Dibenzo-(a,h)-Anthracene (ug/l) | Fluoranthene Total (ug/l) | Fluorene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_1 | 10/28/92 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_1 | 12/4/92 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_1 | 12/8/92 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_1 | 1/7/93 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_1 | 2/8/93 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_1 | 8/20/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | -- | <10.0 | <10.0 |
| MESA_1 | 10/6/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_1 | 2/7/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_1 | 3/7/94 | NA | <10.0 | NA | NA | <10.0 | NA | <10.0 | NA |
| MESA_2 | 12/4/92 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_2 | 12/8/92 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_2 | 1/7/93 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_2 | 2/8/93 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_2 | 8/6/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_2 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_2 | 1/25/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 |
| MESA_2 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 |
| MESA_2 | 3/7/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_3 | 8/22/92 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_3 | 12/4/92 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_3 | 12/8/92 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_3 | 1/7/93 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_3 | 2/8/93 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_3 | 8/24/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | NA | <10.0 | <10.0 |
| MESA_3 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_3 | 1/25/94 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 |
| MESA_3 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | Benzo-A Anthracene Total (ug/l) | Benzo-A-Pyrene Total (ug/l) | Benzo (GHI) Perylene Total (ug/l) | Benzo-K Fluoranthene Total (ug/l) | Chyrsene Total (ug/l) | Dibenzo-(a,h)-Anthracene (ug/l) | Fluoranthene Total (ug/l) | Fluorene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_4 | 12/4/92 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_4 | 12/5/92 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_4 | 12/8/92 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_4 | 12/9/92 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_4 | 1/6/93 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_4 | 2/8/93 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_4 | 2/10/93 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_4 | 8/24/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_4 | 10/6/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_4 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 |
| MESA_4 | 3/7/94 | NA | <10.0 | NA | NA | <10.0 | NA | <10.0 | NA |
| MESA_5 | 12/4/92 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_5 | 12/8/92 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_5 | 1/6/93 | <7.8 | <2.5 | <4.1 | <2.5 | <2.5 | -- | <2.2 | <1.9 |
| MESA_5 | 2/8/93 | <7.8 | 2.9 | <4.1 | <2.5 | 6.2 | -- | 8 | <1.9 |
| MESA_5 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_5 | 2/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_5 | 3/7/94 | NA | <20.0 | NA | NA | <20.0 | NA | <20.0 | NA |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | Indeno (1,2,3-CD) Pyrene Total (ug/l) | Naphthalene Total (ug/l) | Phenanthrene Total (ug/l) | Pyrene Total (ug/l) | Bis (2-Chloroethyl) Ether Total (ug/l) | Bis (2-Chloroethoxy) Methane Total (ug/l) | Bis (2-Chloroisopropyl) Ether Total (ug/l) | 4-Bromo-Phenyl Phenyl Ether Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_1 | 10/28/92 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_1 | 12/4/92 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_1 | 12/8/92 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_1 | 1/7/93 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_1 | 2/8/93 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_1 | 8/20/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_1 | 10/6/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_1 | 2/7/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_1 | 3/7/94 | <10.0 | NA | NA | <10.0 | NA | NA | NA | NA |
| MESA_2 | 12/4/92 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_2 | 12/8/92 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_2 | 1/7/93 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_2 | 2/8/93 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_2 | 8/6/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_2 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_2 | 1/25/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 |
| MESA_2 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 |
| MESA_2 | 3/7/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_3 | 8/22/92 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_3 | 12/4/92 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_3 | 12/8/92 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_3 | 1/7/93 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_3 | 2/8/93 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_3 | 8/24/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_3 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_3 | 1/25/94 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 |
| MESA_3 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | Indeno (1,2,3-CD) Pyrene Total (ug/l) | Naphthalene Total (ug/l) | Phenanthrene Total (ug/l) | Pyrene Total (ug/l) | Bis (2-Chloroethyl) Ether Total (ug/l) | Bis (2-Chloroethoxy) Methane Total (ug/l) | Bis (2-Chloroisopropyl) Ether Total (ug/l) | 4-Bromo-Phenyl Phenyl Ether Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_4 | 12/4/92 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_4 | 12/5/92 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_4 | 12/8/92 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_4 | 12/9/92 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_4 | 1/6/93 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_4 | 2/8/93 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_4 | 2/10/93 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_4 | 8/24/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_4 | 10/6/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_4 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 |
| MESA_4 | 3/7/94 | <10.0 | NA | NA | <10.0 | NA | NA | NA | NA |
| MESA_5 | 12/4/92 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_5 | 12/8/92 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_5 | 1/6/93 | <3.7 | <1.6 | <5.4 | <1.9 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_5 | 2/8/93 | 3.7 | <1.6 | <5.4 | 7.4 | <5.7 | <5.3 | <5.7 | <1.9 |
| MESA_5 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_5 | 2/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_5 | 3/7/94 | <20.0 | NA | NA | <20.0 | NA | NA | NA | NA |

NA = Not Analyzed
ND = Not Detected
- = Undetermined
k### = Nonideal Count

| Sampling Station Identification No. | Date | 4-Chloro-Phenyl Phenyl Ether Total (ug/l) | 2-Chloro-Naphthalene Total (ug/l) | Hexa-chloro-benzene Total (ug/l) | Hexa-chloro-butadiene Total (ug/l) | Hexa-chloro-cyclopentadiene Total (ug/l) | Hexa-chloro ethane Total (ug/l) | 1,2,4-Tri-Chlorobenzene Total (ug/l) | 1,2-Di-Chlorobenzene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_1 | 10/28/92 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_1 | 12/4/92 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_1 | 12/8/92 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_1 | 1/7/93 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_1 | 2/8/93 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_1 | 8/20/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_1 | 10/6/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_1 | 2/7/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_1 | 3/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_2 | 12/4/92 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_2 | 12/8/92 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_2 | 1/7/93 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_2 | 2/8/93 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_2 | 8/6/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_2 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_2 | 1/25/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 |
| MESA_2 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 |
| MESA_2 | 3/7/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_3 | 8/22/92 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_3 | 12/4/92 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_3 | 12/8/92 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_3 | 1/7/93 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_3 | 2/8/93 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_3 | 8/24/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_3 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_3 | 1/25/94 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 |
| MESA_3 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | 4-Chloro-Phenyl Phenyl Ether Total (ug/l) | 2-Chloro-Naphthalene Total (ug/l) | Hexa-chloro-benzene Total (ug/l) | Hexa-chloro-butadiene Total (ug/l) | Hexa-chloro-cyclopentadiene Total (ug/l) | Hexa-chloro ethane Total (ug/l) | 1,2,4-Tri-Chlorobenzene Total (ug/l) | 1,2-Di-Chlorobenzene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_4 | 12/4/92 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_4 | 12/5/92 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_4 | 12/8/92 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_4 | 12/9/92 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_4 | 1/6/93 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_4 | 2/8/93 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_4 | 2/10/93 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_4 | 8/24/93 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_4 | 10/6/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_4 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 |
| MESA_4 | 3/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_5 | 12/4/92 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_5 | 12/8/92 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_5 | 1/6/93 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_5 | 2/8/93 | <4.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 | <1.9 | <1.9 |
| MESA_5 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_5 | 2/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |
| MESA_5 | 3/7/94 | NA | NA | NA | NA | NA | NA | NA | NA |

NA = Not Analyzed
ND = Not Detected
- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | 1,3-Di-Chlorobenzene Total (ug/l) | 1,4-Di-Chlorobenzene Total (ug/l) | 3,3'-Di-Chlorobenzidine Total (ug/l) | 1,2-Di-Phenylhydrazine Total Recoverable (ug/l) | Benzidine Total (ug/l) |
|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_1 | 10/28/92 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_1 | 12/4/92 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_1 | 12/8/92 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_1 | 1/7/93 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_1 | 2/8/93 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_1 | 8/20/93 | <10.0 | <10.0 | <20.0 | <20.0 | <20.0 |
| MESA_1 | 10/6/93 | NA | NA | NA | NA | NA |
| MESA_1 | 2/7/93 | NA | NA | NA | NA | NA |
| MESA_1 | 3/7/94 | NA | NA | NA | NA | NA |
| MESA_2 | 12/4/92 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_2 | 12/8/92 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_2 | 1/7/93 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_2 | 2/8/93 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_2 | 8/6/93 | <10.0 | <10.0 | <20.0 | <20.0 | <20.0 |
| MESA_2 | 11/13/93 | <10.0 | <10.0 | <20.0 | <20.0 | <20.0 |
| MESA_2 | 1/25/94 | <20.0 | <20.0 | <40.0 | <40.0 | <40.0 |
| MESA_2 | 2/7/94 | <20.0 | <20.0 | <40.0 | <40.0 | <40.0 |
| MESA_2 | 3/7/94 | <10.0 | <10.0 | <20.0 | <20.0 | <20.0 |
| MESA_3 | 8/22/92 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_3 | 12/4/92 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_3 | 12/8/92 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_3 | 1/7/93 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_3 | 2/8/93 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_3 | 8/24/93 | <10.0 | <10.0 | <20.0 | <10.0 | <20.0 |
| MESA_3 | 11/13/93 | <10.0 | <10.0 | <20.0 | <20.0 | <20.0 |
| MESA_3 | 1/25/94 | <100.0 | <100.0 | <200.0 | <200.0 | <200.0 |
| MESA_3 | 2/7/94 | <20.0 | <20.0 | <40.0 | <40.0 | <40.0 |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count

| Sampling Station Identification No. | Date | 1,3-Di-Chlorobenzene Total (ug/l) | 1,4-Di-Chlorobenzene Total (ug/l) | 3,3'-Di-Chlorobenzidine Total (ug/l) | 1,2-Di-Phenylhydrazine Total Recoverable (ug/l) | Benzidine Total (ug/l) |
|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_4 | 12/4/92 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_4 | 12/5/92 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_4 | 12/8/92 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_4 | 12/9/92 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_4 | 1/6/93 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_4 | 2/8/93 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_4 | 2/10/93 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_4 | 8/24/93 | NA | NA | NA | NA | NA |
| MESA_4 | 10/6/93 | <10.0 | <10.0 | <20.0 | <20.0 | <20.0 |
| MESA_4 | 2/7/94 | <20.0 | <20.0 | <40.0 | <40.0 | <40.0 |
| MESA_4 | 3/7/94 | NA | NA | NA | NA | NA |
| MESA_5 | 12/4/92 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_5 | 12/8/92 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_5 | 1/6/93 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_5 | 2/8/93 | <1.9 | <4.4 | <17.0 | ND | <10.0 |
| MESA_5 | 11/13/93 | <10.0 | <10.0 | <20.0 | <20.0 | <20.0 |
| MESA_5 | 2/7/94 | NA | NA | NA | NA | NA |
| MESA_5 | 3/7/94 | NA | NA | NA | NA | NA |

NA = Not Analyzed
ND = Not Detected
-- = Undetermined
K### = Nonideal Count