# Stormwater Quality Report

*City of Mesa, Arizona*

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## Volume One

## Water Quality Data

Prepared By:

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## Summary of FCD Sampled Storm Events, February 1995 through January 1996

| | Stations Sampled | | | | | Rainfall (in) | | | | | Duration (min) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Event Date | MESA_1 | MESA_2 | MESA_3 | MESA_4 | MESA_5 | MESA_1 | MESA_2 | MESA_3 | MESA_4 | MESA_5 | MESA_1 | MESA_2 | MESA_3 | MESA_4 | MESA_5 |
| 2/13/95 | | | X | | | | | 0.19 | | | | | 346 | | |
| 2/23/95 | | | X | | | | | 0.09 | | | | | 600 | | |
| 2/28/95 | X | | X | X | | 0.11 | | 0.10 | 0.11 | | 272 | | 330 | 408 | |
| 3/5/95 | X | X | X | X | X | 0.44 | 0.90 | 0.30 | 0.11 | 0.23 | 522 | 908 | 258 | 172 | 332 |
| 3/11/95 | X | X | X | | X | 0.23 | 0.39 | 0.13 | | 0.26 | 724 | 592 | 346 | | 628 |
| 4/19/95 | | | | | X | | | | | 0.19 | | | | | 526 |
| 5/7/95 | X | X | X | | X | 0.07 | 0.09 | 0.20 | | 0.09 | 516 | 932 | 268 | | 452 |
| 7/11/95 | | | X | | | | | 0.07 | | | | | 268 | | |
| 7/12/95 | | X | | | | | 0.29 | | | | | 704 | | | |
| 8/14/95 | | | X | | | | | 0.44 | | | | | 100 | | |
| 8/19/95 | X | X | X | | X | 0.81 | 0.83 | 0.58 | | 0.35 | 184 | 184 | 116 | | 170 |
| 8/24/95 | | | X | | | | | 0.11 | | | | | 162 | | |
| 9/7/95 | X | X | X | | | 0.30 | 0.28 | 0.18 | | | 316 | 552 | 318 | | |
| 9/28/95 | | X | X | | | | 0.73 | 0.52 | | | | 294 | 248 | | |
| 11/1/95 | X | | X | | | 0.67 | | 0.64 | | | 146 | | 168 | | |
| 11/6/95 | | | | X | | | | | 0.38 | | | | | 328 | |
| 2/1/96 | X | X | X | X | X | 0.66 | 0.22 | 0.15 | 0.49 | 0.50 | 814 | 550 | 480 | 1264 | 870 |

## FCD Stormwater Monitoring Network

**Station Key**

| Agency | Station Address | ID |
|---|---|---|
| MESA | Horne and Sixth | MESA1 |
| | Broadway and Lindsay | MESA2 |
| | Falcon Field | MESA3 |
| | Horne and Grandview | MESA4 |
| | Dobson Road | MESA5 |

## Average Event Mean Concentrations

For Measured and Detected Pollutants

Feb 1995- Jan 1996

| Pollutant | Unit | MESA 1 | MESA 2 | MESA 3 | MESA 4 | MESA 5 |
|---|---|---|---|---|---|---|
| pH | SU | 7.29 | 7.57 | 7.44 | 7.41 | 7.42 |
| Electrical Conductivity | umho/cm | 124.25 | 180.00 | 107.42 | 80.00 | 121.80 |
| BOD5 | mg/L | 80 | 17 | 46 | 41 | 95 |
| COD | mg/L | 124 | 219 | 124 | 79 | 203 |
| Fecal Coliform | Col/mL | 22719 | 489 | 1659 | 5349 | 13343 |
| Fecal Strep | Col/mL | 480 | 2292 | 2292 | 5580 | 3660 |
| TDS | mg/L | 121 | 143 | 131 | 91 | 122 |
| TSS | mg/L | 126 | 82 | 189 | 45 | 110 |
| Nitrogen No2 + No3 | mg/L as N | 0.93 | 0.78 | 1.00 | 0.80 | 0.90 |
| TKN Nitrogen | mg/l as N | 2.84 | 5.38 | 2.70 | 2.13 | 3.47 |
| Phosphorous | mg/L as P | 0.33 | 1.16 | 0.47 | 0.26 | 0.50 |
| Phosphorous Dissolved | mg/L as P | 0.20 | 0.81 | 0.28 | 0.17 | 0.25 |
| Oil and Grease | mg/L | 41.2 | 300 | 100 | 7.65 | 265 |
| Cadmium , total | ug/L | 0.00 | 0.00 | 0.00 | 0.75 | 0.00 |
| Cadmium, diss. | ug/L | 0.00 | 3.33 | 0.72 | 0.00 | 0.14 |
| Chromium, total | ug/L | 0.50 | 1.14 | 3.00 | 1.00 | 1.47 |
| Chromium, diss. | ug/L | 0.00 | 0.00 | 2.92 | 0.50 | 1.84 |
| Copper, total | ug/L | 13.33 | 15.14 | 14.92 | 0.00 | 9.00 |
| Copper, diss. | ug/L | 2.00 | 0.83 | 0.38 | 0.00 | 0.00 |
| Lead, total | ug/L | 6.17 | 0.00 | 0.77 | 6.50 | 9.00 |
| Lead, diss. | ug/L | 6.60 | 3.17 | 6.08 | 0.00 | 1.00 |
| Mercury, total | ug/L | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Mercury, diss. | ug/L | 0.00 | 0.00 | ND | 0.00 | 0.00 |
| Zinc, total | ug/L | 85.0 | 128.6 | 114.6 | 100.0 | 175.0 |
| Zinc, diss. | ug/L | 51.0 | 35.0 | 70.5 | 51.5 | 70.6 |
| Aldrin | ug/L | 0 | 0 | 0 | 0 | 0 |
| Aroclor 1248 | ug/L | 0 | 0 | 0 | 0 | 0 |
| P, P' DDE | ug/L | 0 | 0.04 | 0.04 | 0 | 0 |
| Tetrachloroethene | ug/L | 0 | 2.49 | 0.19 | 0 | 0.55 |
| 1,1,1-Tri-Chloroethane | ug/L | 0 | 0 | 0 | 0 | 0 |
| Benzene | ug/L | 0 | 0 | 0 | 0 | 0 |
| Carbon Tetrachloride | ug/L | 0 | 0 | 0 | 0 | 0 |
| Methylene Chloride | ug/L | 0 | 0 | 0 | 0 | 0 |
| Toluene | ug/L | 0 | 0 | 0 | 0 | 0.37 |
| Vinyl Chloride | ug/L | 0 | 0 | 0 | 0 | 0 |
| Acetone | ug/L | 38.25 | 5 | 15.8 | 27.33 | 44.25 |
| 2-Butanone | ug/L | 3 | 0 | 0 | 0 | 13 |
| Benzo (GHI) Perylene | ug/L | 0 | 0 | 0 | 0 | 0 |
| Benzo-A-Pyrene | ug/L | 0 | 0 | 0 | 0 | 0 |
| Bis(2-Ethyl Hexyl) Phthalate | ug/L | 0 | 34.2 | 10.82 | 33 | 46.5 |
| Butyl Benzyl Phthalate | ug/L | 0 | 0 | 0 | 0 | 0 |
| Chrysene | ug/L | 0 | 0 | 0 | 0 | 0 |
| 1,4 Dichlorobenzene | ug/L | 0 | 0 | 0 | 0 | 0 |
| Diethyl Phthalate | ug/L | 0 | 0 | 0 | 0 | 0 |
| Fluoranthene | ug/L | 0 | 0 | 0 | 0 | 0 |
| Indeno (1,2,3-CD) Pyrene | ug/L | 0 | 0 | 0 | 0 | 0 |
| Pyrene | ug/L | 0 | 0 | 0 | 0 | 0 |

## Average Event Mean Concentrations

For Measured and Detected Pollutants

All Years

| Pollutant | Unit | MESA 1 | MESA 2 | MESA 3 | MESA 4 | MESA 5 |
|---|---|---|---|---|---|---|
| pH | SU | 7.16 | 7.50 | 7.18 | 7.25 | 7.39 |
| Electrical Conductivity | umho/cm | 142.86 | 159.59 | 111.30 | 90.91 | 119.43 |
| BOD5 | mg/L | 51 | 15 | 37 | 40 | 78 |
| COD | mg/L | 124 | 140 | 127 | 80 | 174 |
| Fecal Coliform | Col/mL | 14187 | 1396 | 4238 | 52665 | 4785 |
| Fecal Strep | Col/mL | 16830 | 7705 | 1773 | 14968 | 22415 |
| TDS | mg/L | 111 | 152 | 122 | 90 | 102 |
| TSS | mg/L | 90 | 76 | 138 | 57 | 119 |
| Nitrogen No2 + No3 | mg/L as N | 0.79 | 0.71 | 0.94 | 0.63 | 0.74 |
| TKN Nitrogen | mg/l as N | 2.66 | 4.09 | 3.07 | 1.85 | 2.86 |
| Phosphorous | mg/L as P | 0.42 | 1.00 | 0.47 | 0.31 | 0.51 |
| Phosphorous Dissolved | mg/L as P | 0.24 | 0.71 | 0.32 | 0.20 | 0.31 |
| Oil and Grease | mg/L | 27.20 | 147.53 | 72.77 | 69.27 | 110.44 |
| Cadmium , total | ug/L | 0.00 | 0.00 | 0.00 | 0.13 | 0.00 |
| Cadmium, diss. | ug/L | 0.08 | 1.00 | 0.96 | 0.00 | 0.19 |
| Chromium, total | ug/L | 13.32 | 8.44 | 53.09 | 13.30 | 0.44 |
| Chromium, diss. | ug/L | 0.33 | 0.55 | 2.44 | 0.13 | 0.61 |
| Copper, total | ug/L | 8.40 | 8.74 | 17.00 | 42.61 | 9.20 |
| Copper, diss. | ug/L | 0.56 | 3.41 | 0.19 | 0.00 | 0.00 |
| Lead, total | ug/L | 4.32 | 7.04 | 8.13 | 4.17 | 9.65 |
| Lead, diss. | ug/L | 2.83 | 1.18 | 4.63 | 0.67 | 1.20 |
| Mercury, total | ug/L | 0.00 | 0.00 | 0.00 | 0.00 | 5.00 |
| Mercury, diss. | ug/L | 0.00 | 0.00 | ND | 0.00 | 0.00 |
| Zinc, total | ug/L | 124.4 | 85.6 | 134.7 | 65.7 | 155.0 |
| Zinc, diss. | ug/L | 60.3 | 26.8 | 73.9 | 13.7 | 44.2 |
| Aldrin | ug/L | 1.12 | 0.39 | 0 | 2.47 | 2.8 |
| Aroclor 1248 | ug/L | 0.15 | 0 | 0 | 0 | 0 |
| P, P' DDE | ug/L | 0 | 0.02 | 0.02 | 0 | 0.00 |
| Tetrachloroethene | ug/L | 0 | 0.80 | 0.08 | 0 | 0.17 |
| 1,1,1-Tri-Chloroethane | ug/L | 0 | 0 | 0 | 0.16 | 0 |
| Benzene | ug/L | 0 | 0 | 0 | 0.09 | 0 |
| Carbon Tetrachloride | ug/L | 0 | 0 | 0.07 | 0 | 0 |
| Methylene Chloride | ug/L | 0.06 | 0.06 | 0.07 | 0 | 0 |
| Toluene | ug/L | 0.24 | 0 | 0 | 0 | 0.10 |
| Vinyl Chloride | ug/L | 0 | 0 | 0 | 0 | 0.11 |
| Acetone | ug/L | 32.8 | 2.5 | 19.33 | 24 | 46.6 |
| 2-Butanone | ug/L | 2.4 | 0 | 4.83 | 0 | 21 |
| Benzo (GHI) Perylene | ug/L | 0 | 0 | 0 | 0 | 0.17 |
| Benzo-A-Pyrene | ug/L | 0 | 0 | 0 | 0 | 0 |
| Bis(2-Ethyl Hexyl) Phthalate | ug/L | 0.47 | 10.19 | 12.17 | 28.69 | 20.17 |
| Butyl Benzyl Phthalate | ug/L | 0 | 0.19 | 0 | 0 | 0 |
| Chrysene | ug/L | 0 | 0 | 0 | 0 | 0.7 |
| 1,4 Dichlorobenzene | ug/L | 0 | 0 | 0 | 0.12 | 0 |
| Diethyl Phthalate | ug/L | 0 | 0 | 0 | 0.59 | 0 |
| Fluoranthene | ug/L | 0 | 0 | 0 | 0 | 0.69 |
| Indeno (1,2,3-CD) Pyrene | ug/L | 0 | 0 | 0 | 0 | 0.13 |
| Pyrene | ug/L | 0 | 0 | 0 | 0.11 | 0.71 |

# MESA 1

| Sampling Station Identification No. | Date | Agency Collecting Sample | Agency Analyzing Sample | Drainage Area (acres) DA | Impervious Area (acres) IA | Land Use (%) LUR | LUC | LUI | LUN | Storm Duration (min.) DRN | Total Runoff (cu. ft.) RUN | Instantaneous Discharge (cfs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | Mesa | ATL | 193 | 121 | 100 | 0 | 0 | 0 | UA | UA | 36.37 |
| MESA_1 | 10/28/92 | Mesa | ATL | 193 | 121 | 100 | 0 | 0 | 0 | UA | UA | 7.59 |
| MESA_1 | 12/4/92 | Mesa | ATL | 193 | 121 | 100 | 0 | 0 | 0 | UA | UA | 6.71 |
| MESA_1 | 12/8/92 | Mesa | ATL | 193 | 121 | 100 | 0 | 0 | 0 | UA | UA | 7.33 |
| MESA_1 | 1/7/93 | Mesa | ATL | 193 | 121 | 100 | 0 | 0 | 0 | UA | UA | 7.32 |
| MESA_1 | 2/8/93 | Mesa | ATL | 193 | 121 | 100 | 0 | 0 | 0 | UA | UA | 14.14 |
| MESA_1 | 8/20/93 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 175 | 15,160 | 4.15 |
| MESA_1 | 10/6/93 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | UA | UA | UA |
| MESA_1 | 2/7/94 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 106 | 9,520 | 3.99 |
| MESA_1 | 3/7/94 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 592 | 13,232 | 1.13 |
| MESA_1 | 3/25/94 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 176 | 20,382 | 4.06 |
| MESA_1 | 4/26/94 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 186 | 35,900 | 6.84 |
| MESA_1 | 5/25/94 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 808 | 12,643 | 2.06 |
| MESA_1 | 7/19/94 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 1006 | 13,202 | 3.20 |
| MESA_1 | 8/8/94 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 104 | 15,265 | 4.64 |
| MESA_1 | 10/15/94 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 108 | 60,000 | 21.87 |
| MESA_1 | 11/12/94 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 476 | 36,267 | 6.63 |
| MESA_1 | 12/5/94 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 1044 | 26,622 | 1.50 |
| MESA_1 | 1/4/95 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 312 | 34,506 | 2.25 |
| MESA_1 | 2/28/95 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 272 | 8,050 | 0.90 |
| MESA_1 | 3/5/95 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 522 | 28,665 | 2.25 |
| MESA_1 | 3/11/95 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 724 | 18,683 | 2.44 |
| MESA_1 | 5/7/95 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 516 | 2,249 | 0.31 |
| MESA_1 | 8/19/95 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 184 | 47,060 | 9.22 |
| MESA_1 | 9/7/95 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 316 | 33,513 | 4.36 |
| MESA_1 | 11/1/95 | FCD | WESTECH | 193 | 121 | 100 | 0 | 0 | 0 | 146 | 55,325 | 12.31 |
| MESA_1 | 2/1/96 | FCD | DEL MAR | 193 | 121 | 100 | 0 | 0 | 0 | 814 | 40,175 | 9.49 |

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

## Physical Properties

| Sampling Station Identification No. | Date | Preceding Dry Period (days) ANT | Total Rainfall (in.) TRN | Maximum 5-minute Rain Intensity MAX5 | Sample Temp. (deg C) | Effluent Temp. (deg C) | Ambient Temp. (deg C) | Barometric Pressure (mm og Hg) | pH Effluent (Standard Units) | pH LAB Sample (Standard Units) | Specific Conductance FIELD (us/cm) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | UA | UA | UA | NM | NM | NM | NM | NM | 6.8 | – |
| MESA_1 | 10/28/92 | UA | UA | UA | NM | NM | NM | NM | NM | 6.2 | – |
| MESA_1 | 12/4/92 | UA | UA | UA | NM | NM | NM | NM | NM | 6.4 | – |
| MESA_1 | 12/8/92 | UA | UA | UA | NM | NM | NM | NM | NM | 6.4 | – |
| MESA_1 | 1/7/93 | UA | UA | UA | NM | NM | NM | NM | NM | 6.4 | – |
| MESA_1 | 2/8/93 | UA | UA | UA | NM | NM | NM | NM | NM | 6.4 | – |
| MESA_1 | 8/20/93 | UA | 0.16 | UA | NM | NM | NM | NM | NM | 7.21 | – |
| MESA_1 | 10/6/93 | 47 | UA | UA | NM | NM | NM | NM | NM | 7.81 | – |
| MESA_1 | 2/7/94 | 124 | 0.31 | UA | NM | NM | NM | NM | NM | – | – |
| MESA_1 | 3/7/94 | 28 | 0.23 | 0.24 | NM | NM | NM | NM | NM | 7.49 | – |
| MESA_1 | 3/25/94 | 18 | 0.36 | 1.08 | NM | NM | NM | NM | NM | 7.6 | – |
| MESA_1 | 4/26/94 | 32 | 0.53 | 0.96 | NM | NM | NM | NM | NM | 7.58 | – |
| MESA_1 | 5/25/94 | 29 | 0.20 | 0.60 | NM | NM | NM | NM | NM | 6.98 | – |
| MESA_1 | 7/19/94 | 55 | 0.26 | 0.84 | NM | NM | NM | NM | NM | 7.06 | – |
| MESA_1 | 8/8/94 | 20 | 0.10 | 0.84 | NM | NM | NM | NM | NM | 7.3 | – |
| MESA_1 | 10/15/94 | 68 | 0.71 | 1.32 | NM | NM | NM | NM | NM | 7.82 | – |
| MESA_1 | 11/12/94 | 28 | 0.62 | 0.36 | NM | NM | NM | NM | NM | 7.57 | – |
| MESA_1 | 12/5/94 | 23 | 0.61 | 0.24 | NM | NM | NM | NM | NM | 7.51 | – |
| MESA_1 | 1/4/95 | 30 | 0.13 | 0.24 | NM | NM | NM | NM | NM | 7.65 | – |
| MESA_1 | 2/28/95 | 55 | 0.11 | 0.24 | NM | NM | NM | NM | NM | – | – |
| MESA_1 | 3/5/95 | 5 | 0.44 | 0.24 | NM | NM | NM | NM | NM | 7.52 | – |
| MESA_1 | 3/11/95 | 6 | 0.23 | 0.36 | NM | NM | NM | NM | NM | – | – |
| MESA_1 | 5/7/95 | 57 | 0.07 | 0.24 | NM | NM | NM | NM | NM | – | – |
| MESA_1 | 8/19/95 | UD | 0.81 | 5.16 | NM | NM | NM | NM | NM | 7.66 | – |
| MESA_1 | 9/7/95 | 18 | 0.30 | 0.36 | NM | NM | NM | NM | NM | 6.94 | – |
| MESA_1 | 11/1/95 | 33 | 0.67 | 1.32 | NM | NM | NM | NM | NM | 7.13 | – |
| MESA_1 | 2/1/96 | 86 | 0.66 | 1.80 | NM | NM | NM | NM | NM | 7.2 | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondetect Count

## Inorganic Chemistry
## Nonmetals

| Sampling Station Identification No. | Date | Specific Conductance LAB (us/cm) | Oxygen Dissolved (% saturation) | Oxygen Dissolved (mg/l) | Electrical Conductivity (umhos/cm) | BOD5 (mg/l) | COD High Level (mg/l) | Chloride (mg/l as Cl) | Cyanide Total (mg/l as Cn) | Fecal Coliform (Col/100mL) |
|---|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | – | – | – | – | 6 | 40 | – | <0.01 | 2 |
| MESA_1 | 10/28/92 | – | – | – | – | 16 | 120 | – | <0.01 | 16000 |
| MESA_1 | 12/4/92 | – | – | – | – | 12 | 95 | – | <0.01 | 800 |
| MESA_1 | 12/8/92 | – | – | – | – | 10 | 62 | – | <0.01 | 2400 |
| MESA_1 | 1/7/93 | – | – | – | – | 8 | 71 | – | <0.01 | 3000 |
| MESA_1 | 2/8/93 | – | – | – | – | 7 | 71 | – | <0.01 | 500 |
| MESA_1 | 8/20/93 | – | – | – | – | 39 | 310 | – | – | >16 |
| MESA_1 | 10/6/93 | – | – | – | 86 | 25 | 100 | 3.6 | – | – |
| MESA_1 | 2/7/94 | – | – | – | – | 13 | – | – | – | 1400 |
| MESA_1 | 3/7/94 | – | – | – | – | 100 | 220 | 9.9 | <0.01 | 1000 |
| MESA_1 | 3/25/94 | – | – | – | 79 | 24 | 130 | 3.8 | <0.01 | 20000 |
| MESA_1 | 4/26/94 | – | – | – | 86 | 140 | 150 | 3.5 | <0.01 | 9800 |
| MESA_1 | 5/25/94 | – | – | – | 200 | 110 | 220 | 7.3 | <0.01 | – |
| MESA_1 | 7/19/94 | – | – | – | 240 | 24 | 97 | 18 | <0.01 | 97000 |
| MESA_1 | 8/8/94 | – | – | – | 170 | 45 | 230 | 11 | <0.01 | 4600 |
| MESA_1 | 10/15/94 | – | – | – | 100 | 57 | 89 | 11 | <0.01 | 4100 |
| MESA_1 | 11/12/94 | – | – | – | 360 | 68 | 67 | 27 | <0.01 | 1000 |
| MESA_1 | 12/5/94 | – | – | – | 72 | 39 | 70 | 2.7 | <0.01 | – |
| MESA_1 | 1/4/95 | – | – | – | 110 | 23 | 89 | 7.2 | <0.01 | 13 |
| MESA_1 | 2/28/95 | – | – | – | – | 78 | – | – | – | 8 |
| MESA_1 | 3/5/95 | – | – | – | 110 | 100 | 59 | 3.3 | <0.01 | 440 |
| MESA_1 | 3/11/95 | – | – | – | – | – | – | – | – | 76 |
| MESA_1 | 5/7/95 | – | – | – | – | 54 | – | – | – | 87 |
| MESA_1 | 8/19/95 | – | – | – | 130 | 18 | 170 | 4.8 | <0.01 | 130000 |
| MESA_1 | 9/7/95 | – | – | – | 170 | 160 | 120 | 11 | <0.01 | 5700 |
| MESA_1 | 11/1/95 | – | – | – | 87 | 81 | 50 | 5.3 | <0.01 | – |
| MESA_1 | 2/1/96 | 170 | – | – | – | 70 | 220 | 8.9 | <0.025 | – |

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

| Sampling Station Identification No. | Date | Fecal Streptococci (Col/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) | Nitrogen Nitrate Total (mg/l as N) | Nitrogen Nitrite Total (mg/l as N) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | 9 | 45 | 82 | 0.33 | 1.7 | 0.5 | -- | -- |
| MESA_1 | 10/28/92 | 90000 | 200 | 89 | 0.59 | 2 | 1.1 | -- | -- |
| MESA_1 | 12/4/92 | 22000 | 66 | 60 | 0.3 | 1.2 | 0.8 | -- | -- |
| MESA_1 | 12/8/92 | 30000 | 57 | 30 | 0.26 | 1 | 0.5 | -- | -- |
| MESA_1 | 1/7/93 | 13000 | 32 | 56 | 0.25 | 0.9 | 0.3 | -- | -- |
| MESA_1 | 2/8/93 | 50000 | 35 | 46 | -- | 0.9 | 0.4 | -- | -- |
| MESA_1 | 8/20/93 | >16 | 260 | 110 | 1.6 | 5.3 | 5.3 | -- | -- |
| MESA_1 | 10/6/93 | -- | 85 | 270 | 0.66 | 3 | 3.7 | -- | -- |
| MESA_1 | 2/7/94 | 170 | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 3/7/94 | 140 | 160 | 49 | 1.8 | 4.2 | 4.2 | -- | -- |
| MESA_1 | 3/25/94 | 20000 | 85 | 88 | 0.55 | 3.2 | 3.2 | -- | -- |
| MESA_1 | 4/26/94 | 34000 | 73 | 89 | 0.65 | 2.6 | 2.8 | -- | -- |
| MESA_1 | 5/25/94 | -- | 200 | 70 | 0.97 | 5.3 | 4.3 | -- | -- |
| MESA_1 | 7/19/94 | 90000 | 190 | 110 | 1.4 | 2.5 | 0.7 | -- | -- |
| MESA_1 | 8/8/94 | <1. | 170 | 130 | 1.8 | 4.6 | -- | -- | -- |
| MESA_1 | 10/15/94 | 340 | 88 | 42 | 0.78 | 3.4 | 1.9 | -- | -- |
| MESA_1 | 11/12/94 | 880 | 44 | 54 | <0.50 | 2 | 1.4 | -- | -- |
| MESA_1 | 12/5/94 | -- | 49 | 30 | <0.50 | 1.9 | 1.5 | -- | -- |
| MESA_1 | 1/4/95 | 1.1 | 99 | 40 | 0.8 | 1.3 | 1.3 | -- | -- |
| MESA_1 | 2/28/95 | 340 | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 3/5/95 | 1100 | 60 | 53 | <0.50 | 2 | 2 | -- | -- |
| MESA_1 | 3/11/95 | 630 | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 5/7/95 | 430 | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 8/19/95 | 110 | 110 | 230 | 1.4 | 4 | 4 | 1.4 | <0.05 |
| MESA_1 | 9/7/95 | 270 | 210 | 59 | 1.2 | 3.7 | 3.7 | 0.92 | 0.24 |
| MESA_1 | 11/1/95 | -- | 77 | 140 | 0.75 | 2.3 | 2.3 | 0.75 | <0.05 |
| MESA_1 | 2/1/96 | -- | 150 | 150 | 1.3 | 2.2 | 1.8 | 1.3 | <0.15 |

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

| Sampling Station Identification No. | Date | Nitrogen Ammonia Total (mg/l as N) | Nitrogen Organic Total (mg/l as N) | Phosphorous Total (mg/l as P) | Phosphorous Dissolved (mg/l as P) | Phosphorus Ortho Total (mg/l as P) | Sulfate Dissolved (mg/l) | Hexavalent Chromium Total (mg/l) | Phenols Total Recoverable (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | -- | -- | -- | 0.18 | -- | -- | -- | <5 |
| MESA_1 | 10/28/92 | -- | -- | 0.23 | 0.23 | -- | -- | -- | <5 |
| MESA_1 | 12/4/92 | -- | -- | 0.33 | -- | -- | -- | -- | <5 |
| MESA_1 | 12/8/92 | -- | -- | 0.2 | -- | -- | -- | -- | <5 |
| MESA_1 | 1/7/93 | -- | -- | 0.16 | 0.081 | -- | -- | -- | 5 |
| MESA_1 | 2/8/93 | -- | -- | 0.093 | 0.05 | -- | -- | -- | <5 |
| MESA_1 | 8/20/93 | -- | -- | 0.66 | 0.43 | -- | -- | -- | -- |
| MESA_1 | 10/6/93 | -- | -- | 0.96 | 0.31 | -- | 6.7 | -- | 10 |
| MESA_1 | 2/7/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 3/7/94 | -- | -- | 0.64 | 0.4 | -- | -- | -- | -- |
| MESA_1 | 3/25/94 | -- | -- | 0.49 | 0.25 | -- | 5.8 | -- | -- |
| MESA_1 | 4/26/94 | -- | -- | 0.56 | 0.28 | -- | 6.2 | -- | <10 |
| MESA_1 | 5/25/94 | -- | -- | 0.67 | 0.22 | -- | 17 | -- | -- |
| MESA_1 | 7/19/94 | -- | -- | 1.2 | 0.32 | -- | 22 | -- | -- |
| MESA_1 | 8/8/94 | -- | -- | 0.45 | 0.44 | -- | 13 | -- | -- |
| MESA_1 | 10/15/94 | -- | -- | 0.36 | 0.35 | -- | 8.6 | -- | <10 |
| MESA_1 | 11/12/94 | -- | -- | 0.38 | 0.2 | -- | 31 | -- | 30 |
| MESA_1 | 12/5/94 | -- | -- | 0.02 | <0.10 | -- | 6.8 | -- | 20 |
| MESA_1 | 1/4/95 | -- | -- | 0.28 | 0.19 | -- | 11 | -- | 10 |
| MESA_1 | 2/28/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 3/5/95 | -- | -- | 0.3 | 0.23 | -- | 6.1 | -- | -- |
| MESA_1 | 3/11/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 5/7/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 8/19/95 | 1 | -- | 0.68 | 0.46 | -- | 7.3 | -- | -- |
| MESA_1 | 9/7/95 | 0.2 | -- | 0.17 | 0.15 | -- | 16 | -- | 20 |
| MESA_1 | 11/1/95 | 1 | 1.3 | 0.1 | <0.10 | -- | 7.6 | -- | 10 |
| MESA_1 | 2/1/96 | 1.8 | ND | 0.41 | 0.17 | -- | 14 | <0.025 | -- |

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

| Sampling Station Identification No. | Date | 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) | cis-1,3-Dichloro-propene (ug/l) | trans-1,2-Dichloroethene (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | -- | <5.0 | <1.6 |
| MESA_5 | 12/8/92 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | -- | <5.0 | <1.6 |
| MESA_5 | 1/6/93 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | -- | <5.0 | <1.6 |
| MESA_5 | 2/8/93 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | -- | <5.0 | <1.6 |
| 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 | <2.0 | <2.0 |
| MESA_5 | 3/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_5 | 3/25/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_5 | 4/26/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_5 | 5/25/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 11/12/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 12/5/94 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_5 | 12/23/94 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| MESA_5 | 12/29/94 | <2.0 | <2.0 | <4.0 | <2.0 | <2.0 | -- | <2.0 | <2.0 |
| MESA_5 | 1/4/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | <0.5 | <0.5 |
| MESA_5 | 1/25/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <20 | <0.5 | <0.5 |
| MESA_5 | 3/5/95 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_5 | 3/11/95 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_5 | 4/19/95 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_5 | 5/7/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| MESA_5 | 8/19/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_5 | 2/1/96 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |

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

| Sampling Station Identification No. | Date | trans-1,3-Dichloropropene (ug/l) | Benzene Total (ug/l) | Bromodichloro-methane (ug/l) | Bromoform Total (ug/l) | Carbon-tetrachloride Total (ug/l) | Chlorobenzene Total (ug/l) | Chloroethane (ug/l) | Chloroform Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_5 | 12/8/92 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_5 | 1/6/93 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_5 | 2/8/93 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| 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 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_5 | 3/7/94 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_5 | 3/25/94 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 |
| MESA_5 | 4/26/94 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 |
| MESA_5 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 12/5/94 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_5 | 12/23/94 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | <0.5 |
| MESA_5 | 12/29/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <4.0 | <2.0 |
| MESA_5 | 1/4/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| MESA_5 | 1/25/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| MESA_5 | 3/5/95 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_5 | 3/11/95 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_5 | 4/19/95 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_5 | 5/7/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 |
| MESA_5 | 8/19/95 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_5 | 2/1/96 | <2.0 | <2.0 | <2.0 | <5.0 | <5.0 | <2.0 | <2.0 | <2.0 |

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

| Sampling Station Identification No. | Date | Ethyl-Benzene Total (ug/l) | Methylene Chloride Total (ug/l) | Toluene Total (ug/l) | Trichlorofluoromethane Total (ug/l) | Vinyl Chloride Total (ug/l) | Chloro-Di-Bromomethane Total (ug/l) | 4-Methyl 2- Pentanone MIBK Total (ug/l) | Acetone Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_5 | 12/8/92 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_5 | 1/6/93 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_5 | 2/8/93 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_5 | 11/13/93 | <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 | – | – |
| MESA_5 | 3/7/94 | <2.0 | <5.0 | <2.0 | – | <5.0 | <2.0 | – | – |
| MESA_5 | 3/25/94 | <5.0 | <2.0 | <5.0 | – | <2.0 | <10.0 | – | – |
| MESA_5 | 4/26/94 | <5.0 | <2.0 | <5.0 | – | **2.1** | <10.0 | – | – |
| MESA_5 | 5/25/94 | – | <5.0 | <2.0 | – | – | – | – | – |
| MESA_5 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 12/5/94 | <2.0 | <10 | <2.0 | – | <5.0 | <2.0 | – | **56** |
| MESA_5 | 12/23/94 | <0.5 | <1 | <0.5 | – | <0.5 | <0.5 | – | – |
| MESA_5 | 12/29/94 | <2.0 | <10 | <2.0 | – | <4.0 | <2.0 | – | – |
| MESA_5 | 1/4/95 | <0.5 | <1 | <0.5 | – | <0.5 | <0.5 | – | – |
| MESA_5 | 1/25/95 | <0.5 | <1 | <0.5 | – | <0.5 | <0.5 | – | – |
| MESA_5 | 3/5/95 | <2.0 | <10 | <2.0 | – | <5.0 | <2.0 | – | **84** |
| MESA_5 | 3/11/95 | <2.0 | <10 | <2.0 | – | <5.0 | <2.0 | – | **44** |
| MESA_5 | 4/19/95 | <2.0 | <10 | <2.0 | – | <5.0 | <2.0 | – | **49** |
| MESA_5 | 5/7/95 | <0.5 | <1.0 | **2.2** | – | <0.5 | <0.5 | – | – |
| MESA_5 | 8/19/95 | <2.0 | <5.0 | <2.0 | <5.0 | <5.0 | <2.0 | – | – |
| MESA_5 | 2/1/96 | <2.0 | <10 | <2.0 | <5.0 | <5.0 | <2.0 | <5.0 | <10 |

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

| Sampling Station Identification No. | Date | 2-Butanone Total (ug/l) | Carbon Disulfide Total (ug/l) | 1,2- Dichloroethene Total (ug/l) | Xylenes (ug/l) | 2-Hexanone Total (ug/l) | Styrene Total (ug/l) | Acrolein Total (ug/l) | Acrylonitirile Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_5 | 12/8/92 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_5 | 1/6/93 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_5 | 2/8/93 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_5 | 11/13/93 | – | – | – | <0.50 | – | – | <0.50 | <0.50 |
| MESA_5 | 2/7/94 | – | – | – | <2.0 | – | – | <10.0 | <10.0 |
| MESA_5 | 3/7/94 | – | – | – | <2.0 | – | – | <10.0 | <10.0 |
| MESA_5 | 3/25/94 | – | – | – | <2.0 | – | – | <5.0 | <10.0 |
| MESA_5 | 4/26/94 | – | – | – | <2.0 | – | – | <5.0 | <10.0 |
| MESA_5 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 12/5/94 | **53** | <5.0 | – | <2.0 | <10 | <2.0 | – | – |
| MESA_5 | 12/23/94 | – | – | – | <1 | – | – | – | – |
| MESA_5 | 12/29/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 1/4/95 | – | – | – | <1 | – | – | <50 | <50 |
| MESA_5 | 1/25/95 | – | – | – | <1 | – | – | <50 | <50 |
| MESA_5 | 3/5/95 | **28** | <5.0 | – | <2.0 | <10 | <2.0 | – | – |
| MESA_5 | 3/11/95 | <10 | <5.0 | – | <2.0 | <10 | <2.0 | – | – |
| MESA_5 | 4/19/95 | **24** | <5.0 | – | <2.0 | <10 | <2.0 | – | – |
| MESA_5 | 5/7/95 | – | – | – | <1.0 | – | – | – | – |
| MESA_5 | 8/19/95 | – | – | – | – | – | – | – | – |
| MESA_5 | 2/1/96 | <10 | <5.0 | – | <2.0 | <10 | <2.0 | – | – |

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

**EPA Method: 625**
**Base/Neutrals & Acids**

| Sampling Station Identification No. | Date | Bromobenzene Total (ug/l) | 1,3-Di Chloropropane Total (ug/l) | Methyl-Bromide (Bromomethane) Total (ug/l) | Methyl-Chloride (Chloromethane) Total (ug/l) | Parachlorotoluene Total (ug/l) | Dibromoethane Total (ug/l) | Acenaphthene Total (ug/l) | Acenaphthylene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_5 | 12/8/92 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_5 | 1/6/93 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_5 | 2/8/93 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_5 | 11/13/93 | – | – | – | – | – | – | <10.0 | <10.0 |
| MESA_5 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 3/7/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 4/26/94 | – | – | – | – | – | – | <10.0 | <10.0 |
| MESA_5 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 12/5/94 | – | – | – | – | – | – | <10 | <10 |
| MESA_5 | 12/23/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 12/29/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 1/4/95 | – | – | – | – | – | – | – | – |
| MESA_5 | 1/25/95 | – | – | – | – | – | – | <2 | <2 |
| MESA_5 | 3/5/95 | – | – | – | – | – | – | <10 | <10 |
| MESA_5 | 3/11/95 | – | – | – | – | – | – | <10 | <10 |
| MESA_5 | 4/19/95 | – | – | – | – | – | – | <11 | <11 |
| MESA_5 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_5 | 8/19/95 | – | – | <5.0 | <5.0 | – | – | <10 | <10 |
| MESA_5 | 2/1/96 | – | – | <5.0 | <5.0 | – | – | – | – |

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

| Sampling Station Identification No. | Date | Anthracene Total (ug/l) | Benzidine Total (ug/l) | Benzoic Acid Total (ug/l) | Benzo-A Anthracene Total (ug/l) | Benzo(b)Fluoranthene Total (ug/l) | Benzo-K Fluoranthene Total (ug/l) | Benzo (GHI) Perylene Total (ug/l) | Benzo-A-Pyrene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | <1.9 | <10.0 | -- | <7.8 | -- | <2.5 | <4.1 | <2.5 |
| MESA_5 | 12/8/92 | <1.9 | <10.0 | -- | <7.8 | -- | <2.5 | <4.1 | <2.5 |
| MESA_5 | 1/6/93 | <1.9 | <10.0 | -- | <7.8 | -- | <2.5 | <4.1 | <2.5 |
| MESA_5 | 2/8/93 | <1.9 | <10.0 | -- | <7.8 | -- | <2.5 | <4.1 | 2.9 |
| MESA_5 | 11/13/93 | <10.0 | <20.0 | -- | <10.0 | -- | <10.0 | <10.0 | <10.0 |
| MESA_5 | 2/7/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 3/7/94 | -- | -- | -- | -- | -- | -- | -- | <20.0 |
| MESA_5 | 3/25/94 | -- | -- | -- | -- | -- | -- | -- | <20.0 |
| MESA_5 | 4/26/94 | <10.0 | -- | -- | <10.0 | -- | <10.0 | <10.0 | <10.0 |
| MESA_5 | 5/25/94 | -- | -- | -- | -- | -- | -- | -- | <10 |
| MESA_5 | 11/12/94 | -- | -- | -- | -- | -- | -- | -- | <5 |
| MESA_5 | 12/5/94 | <10 | <100 | -- | <10 | -- | <10 | <10 | <10 |
| MESA_5 | 12/23/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 12/29/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 1/4/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 1/25/95 | <2 | <20 | -- | <2 | -- | <2 | 2 | <2 |
| MESA_5 | 3/5/95 | <10 | <100 | -- | <10 | -- | <10 | <10 | <10 |
| MESA_5 | 3/11/95 | <10 | <100 | -- | <10 | -- | <10 | <10 | <10 |
| MESA_5 | 4/19/95 | <11 | <110 | <110 | <11 | <11 | <11 | <11 | <11 |
| MESA_5 | 5/7/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 8/19/95 | <10 | <100 | <100 | <10 | <10 | <10 | <10 | <10 |
| MESA_5 | 2/1/96 | -- | -- | -- | -- | -- | -- | -- | -- |

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

| Sampling Station Identification No. | Date | Benzyl Alcohol Total (ug/l) | Bis (2-Chloroethoxy) Methane Total (ug/l) | Bis (2-Chloroethyl) Ether Total (ug/l) | Bis (2-Chloroisopropyl) Ether Total (ug/l) | Bis(2-Ethyl Hexyl) Phthalate Total (ug/l) | 4-Bromo-Phenyl Phenyl Ether Total (ug/l) | Butyl Benzyl Phthalate Total (ug/l) | 2-Chloro-Naphthalene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_5 | 12/8/92 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_5 | 1/6/93 | – | <5.3 | <5.7 | <5.7 | **14** | <1.9 | <2.5 | <1.9 |
| MESA_5 | 2/8/93 | – | <5.3 | <5.7 | <5.7 | **12** | <1.9 | <2.5 | <1.9 |
| MESA_5 | 11/13/93 | – | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_5 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 3/7/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 4/26/94 | – | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_5 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 12/5/94 | – | <10 | <10 | <10 | <10 | <10 | <20 | <10 |
| MESA_5 | 12/23/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 12/29/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 1/4/95 | – | – | – | – | – | – | – | – |
| MESA_5 | 1/25/95 | – | <2 | <2 | <2 | **30** | <2 | <2 | <2 |
| MESA_5 | 3/5/95 | – | <10 | <10 | <10 | **44** | <10 | <20 | <10 |
| MESA_5 | 3/11/95 | – | <10 | <10 | <10 | **46** | <10 | <20 | <10 |
| MESA_5 | 4/19/95 | <21 | <11 | <11 | <11 | **49** | <11 | <21 | <11 |
| MESA_5 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_5 | 8/19/95 | <10 | <10 | <10 | <10 | **47** | <10 | <20 | <10 |
| MESA_5 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | 2-Chlorophenol Total (ug/l) | 4-Chloro-Phenyl Phenyl Ether Total (ug/l) | Chyrsene Total (ug/l) | Dibenzo-[a,h]-Anthracene (ug/l) | Di-N-Butyl Phthalate Total (ug/l) | 1,3-Di-Chlorobenzene Total (ug/l) | 1,4-Di-Chlorobenzene Total (ug/l) | 1,2-Di-Chlorobenzene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_5 | 12/8/92 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_5 | 1/6/93 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_5 | 2/8/93 | <3.3 | <4.2 | **6.2** | – | <2.5 | <1.9 | <4.4 | <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 | – | – | – | – | – | – | – | – |
| MESA_5 | 3/7/94 | – | – | <20.0 | – | – | – | – | – |
| MESA_5 | 3/25/94 | – | – | <20.0 | – | – | – | – | – |
| MESA_5 | 4/26/94 | <50.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_5 | 5/25/94 | – | – | <10 | – | – | – | – | – |
| MESA_5 | 11/12/94 | – | – | <5 | – | – | – | – | – |
| MESA_5 | 12/5/94 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_5 | 12/23/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 12/29/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 1/4/95 | – | – | – | – | – | – | – | – |
| MESA_5 | 1/25/95 | <2 | <2 | **5** | <2 | <2 | <2 | <2 | <2 |
| MESA_5 | 3/5/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_5 | 3/11/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_5 | 4/19/95 | <11 | <11 | <11 | <21 | <21 | <11 | <11 | <11 |
| MESA_5 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_5 | 8/19/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_5 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | 3,3'-Di-Chlorobenzidine Total (ug/l) | 2,4-Di-Chlorophenol Total (ug/l) | Diethyl-Phthalate Total (ug/l) | 2,4-Di-Methylphenol Total (ug/l) | Dimethyl-Phthalate Total (ug/l) | 2-Methyl-4,6-Dinitrophenol (ug/l) | 2,4-Dinitro-phenol (ug/l) | 2,4-Di-Nitrotoluene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_5 | 12/8/92 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_5 | 1/6/93 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_5 | 2/8/93 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_5 | 11/13/93 | <20.0 | <10.0 | <10.0 | <10.0 | <10.0 | <30.0 | <50.0 | <10.0 |
| MESA_5 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 3/7/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 4/26/94 | <20.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | <20.0 |
| MESA_5 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 12/5/94 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_5 | 12/23/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 12/29/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 1/4/95 | – | – | – | – | – | – | – | – |
| MESA_5 | 1/25/95 | <5 | <2 | <2 | <2 | <2 | <5 | <10 | <2 |
| MESA_5 | 3/5/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_5 | 3/11/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_5 | 4/19/95 | <43 | <11 | <11 | <21 | <11 | <43 | <110 | <11 |
| MESA_5 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_5 | 8/19/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_5 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | 2,6-Di-Nitrotoluene Total (ug/l) | Di-N-Octyl-Phthalate Total (ug/l) | Fluoranthene Total (ug/l) | Fluorene 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) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_5 | 12/8/92 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_5 | 1/6/93 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_5 | 2/8/93 | <1.9 | <2.5 | 8 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| 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 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 3/7/94 | -- | -- | <20.0 | -- | -- | -- | -- | -- |
| MESA_5 | 3/25/94 | -- | -- | <20.0 | -- | -- | -- | -- | -- |
| MESA_5 | 4/26/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | -- | -- |
| MESA_5 | 5/25/94 | -- | -- | <10 | -- | -- | -- | -- | -- |
| MESA_5 | 11/12/94 | -- | -- | <5 | -- | -- | -- | -- | -- |
| MESA_5 | 12/5/94 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_5 | 12/23/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 12/29/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 1/4/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 1/25/95 | <2 | <2 | 3 | <2 | <2 | <2 | <2 | <2 |
| MESA_5 | 3/5/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_5 | 3/11/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_5 | 4/19/95 | <11 | <43 | <11 | <11 | <11 | <11 | <43 | <11 |
| MESA_5 | 5/7/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 8/19/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_5 | 2/1/96 | -- | -- | -- | -- | -- | -- | -- | -- |

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

| Sampling Station Identification No. | Date | Indeno (1,2,3-CD) Pyrene Total (ug/l) | Iso-Phorone Total (ug/l) | Naphthalene Total (ug/l) | Nitrobenzene Total (ug/l) | 2-Nitrophenol Total (ug/l) | 4-Nitrophenol Total (ug/l) | N-Nitrosodi-Phenylamine Total (ug/l) | N-Nitrosodi-N-Propylamine Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_5 | 12/8/92 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_5 | 1/6/93 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_5 | 2/8/93 | 3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_5 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <20.0 | <20.0 |
| MESA_5 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 3/7/94 | <20.0 | – | – | – | – | – | – | – |
| MESA_5 | 3/25/94 | <20.0 | – | – | – | – | – | – | – |
| MESA_5 | 4/26/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | – |
| MESA_5 | 5/25/94 | <10 | – | – | – | – | – | – | – |
| MESA_5 | 11/12/94 | <5 | – | – | – | – | – | – | – |
| MESA_5 | 12/5/94 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_5 | 12/23/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 12/29/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 1/4/95 | – | – | – | – | – | – | – | – |
| MESA_5 | 1/25/95 | 2 | <2 | <2 | <2 | <2 | <5 | <2 | <2 |
| MESA_5 | 3/5/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_5 | 3/11/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_5 | 4/19/95 | <21 | <11 | <11 | <43 | <11 | <110 | <11 | <11 |
| MESA_5 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_5 | 8/19/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_5 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | Penta-Chlorophenol Total (ug/l) | Phenanthrene Total (ug/l) | Phenol Total (ug/l) | Pyrene Total (ug/l) | 1,2,4-Tri-Chlorobenzene Total (ug/l) | 2,4,5-Trichlorophenol Total (ug/l) | 2,4,6-Tri-Chlorophenol Total (ug/l) | N-Nitrosodi-Methylamine Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_5 | 12/8/92 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_5 | 1/6/93 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_5 | 2/8/93 | <3.6 | <5.4 | <1.5 | **7.4** | <1.9 | – | <2.7 | <10.0 |
| MESA_5 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | <10.0 | <20.0 |
| MESA_5 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 3/7/94 | – | – | – | <20.0 | – | – | – | – |
| MESA_5 | 3/25/94 | – | – | – | <20.0 | – | – | – | <2.0 |
| MESA_5 | 4/26/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | <30.0 | <2.0 |
| MESA_5 | 5/25/94 | – | – | – | <10 | – | – | – | – |
| MESA_5 | 11/12/94 | – | – | – | <5 | – | – | – | – |
| MESA_5 | 12/5/94 | <40 | <10 | <10 | <10 | <10 | – | <20 | – |
| MESA_5 | 12/23/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 12/29/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 1/4/95 | – | – | – | – | – | – | – | – |
| MESA_5 | 1/25/95 | <5 | <2 | <2 | **4** | <2 | – | <5 | – |
| MESA_5 | 3/5/95 | <40 | <10 | <10 | <10 | <10 | – | <20 | – |
| MESA_5 | 3/11/95 | <40 | <10 | <10 | <10 | <10 | – | <20 | – |
| MESA_5 | 4/19/95 | <43 | <11 | <11 | <11 | <11 | <21 | <21 | – |
| MESA_5 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_5 | 8/19/95 | <40 | <10 | <10 | <10 | <10 | <20 | <20 | – |
| MESA_5 | 2/1/96 | – | – | – | – | – | – | – | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondecal Count

| Sampling Station Identification No. | Date | 1,2-Di-Phenylhydrazine Total Recoverable (ug/l) | Dichloro difluoromethane Total (ug/l) | Parachloro-Meta-Cresol Total (ug/l) |
|---|---|---|---|---|
| MESA_5 | 12/4/92 | – | – | <3.0 |
| MESA_5 | 12/8/92 | – | – | <3.0 |
| MESA_5 | 1/6/93 | – | – | <3.0 |
| MESA_5 | 2/8/93 | – | – | <3.0 |
| MESA_5 | 11/13/93 | <20.0 | – | – |
| MESA_5 | 2/7/94 | – | – | – |
| MESA_5 | 3/7/94 | – | – | – |
| MESA_5 | 3/25/94 | – | – | – |
| MESA_5 | 4/26/94 | – | – | – |
| MESA_5 | 5/25/94 | – | – | – |
| MESA_5 | 11/12/94 | – | – | – |
| MESA_5 | 12/5/94 | – | – | – |
| MESA_5 | 12/23/94 | – | – | – |
| MESA_5 | 12/29/94 | – | – | – |
| MESA_5 | 1/4/95 | – | – | – |
| MESA_5 | 1/25/95 | <2 | – | – |
| MESA_5 | 3/5/95 | – | – | – |
| MESA_5 | 3/11/95 | – | – | – |
| MESA_5 | 4/19/95 | – | – | – |
| MESA_5 | 5/7/95 | – | – | – |
| MESA_5 | 8/19/95 | – | – | – |
| MESA_5 | 2/1/96 | – | – | – |

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

| Sampling Station Identification No. | Date | Beryllium Total Recoverable (mg/l as Be) | Beryllium Dissolved (mg/l as Be) | Cadmium Total Recoverable (mg/l as Cd) | Cadmium Dissolved (mg/l as Cd) | Calcium Dissolved (mg/l as Ca) | Chromium Total Recoverable (mg/l as Cr) | Chromium Dissolved (mg/l as Cr) | Cobalt Dissolved (ug/l as Co) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_5 | 12/8/92 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_5 | 1/6/93 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_5 | 2/8/93 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_5 | 11/13/93 | – | – | <50 | <0.5 | – | <50 | <5 | – |
| MESA_5 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 3/7/94 | – | – | <40 | **0.8** | – | <50 | <5 | – |
| MESA_5 | 3/25/94 | – | – | <40 | **0.8** | – | <50 | <5 | – |
| MESA_5 | 4/26/94 | – | – | <40 | **0.6** | – | <50 | <50 | – |
| MESA_5 | 5/25/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_5 | 11/12/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_5 | 12/5/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_5 | 12/23/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 12/29/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_5 | 1/4/95 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_5 | 1/25/95 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_5 | 3/5/95 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_5 | 3/11/95 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_5 | 4/19/95 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_5 | 5/7/95 | – | – | <40 | – | – | <50 | – | – |
| MESA_5 | 8/19/95 | – | – | <40 | **0.7** | – | <50 | <5 | – |
| MESA_5 | 2/1/96 | <5 | <4 | <5 | <5 | – | **8.8** | **9.2** | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nominal Count

| Sampling Station Identification No. | Date | Copper Total Recoverable (mg/l as Cu) | Copper Dissolved (mg/l as Cu) | Iron Dissolved (ug/l as Fe) | Lead Total Recoverable (mg/l as Pb) | Lead Dissolved (mg/l as Pb) | Lithium Dissolved (ug/l as Li) | Magnesium Dissolved (mg/l as Mg) | Manganese Dissolved (ug/l as Mn) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | <50 | – | – | **27** | – | – | – | – |
| MESA_5 | 12/8/92 | <50 | – | – | <20 | – | – | – | – |
| MESA_5 | 1/6/93 | <50 | – | – | <20 | – | – | – | – |
| MESA_5 | 2/8/93 | <50 | – | – | **32** | – | – | – | – |
| MESA_5 | 11/13/93 | <50 | <50 | – | <50 | **5** | – | – | – |
| MESA_5 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 3/7/94 | **70** | <50 | – | **80** | <5 | – | – | – |
| MESA_5 | 3/25/94 | **60** | <50 | – | <50 | <5 | – | – | – |
| MESA_5 | 4/26/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_5 | 5/25/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_5 | 11/12/94 | <50 | <50 | – | <50 | <20 | – | – | – |
| MESA_5 | 12/5/94 | <50 | <50 | – | <50 | **8** | – | – | – |
| MESA_5 | 12/23/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 12/29/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_5 | 1/4/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_5 | 1/25/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_5 | 3/5/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_5 | 3/11/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_5 | 4/19/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_5 | 5/7/95 | <50 | – | – | <50 | – | – | – | – |
| MESA_5 | 8/19/95 | <50 | <50 | – | <50 | **5** | – | – | – |
| MESA_5 | 2/1/96 | **54** | <50 | – | **54** | <5 | – | – | – |

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

| Sampling Station Identification No. | Date | Mercury Total Recoverable (ug/l as Hg) | Mercury Dissolved (mg/l as Hg) | Molybdenum Dissolved (ug/l as Mo) | Nickel Total Recoverable (mg/l as Ni) | Nickel Dissolved (mg/l as Ni) | Potassium Dissolved (mg/l as K) | Selenium Total (mg/l as Se) | Selenium Dissolved (mg/l as Se) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_5 | 12/8/92 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_5 | 1/6/93 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_5 | 2/8/93 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_5 | 11/13/93 | <1.0 | – | – | – | – | – | – | – |
| MESA_5 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 3/7/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_5 | 3/25/94 | **100** | – | – | – | – | – | – | – |
| MESA_5 | 4/26/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_5 | 5/25/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_5 | 11/12/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_5 | 12/5/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_5 | 12/23/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 12/29/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_5 | 1/4/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_5 | 1/25/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_5 | 3/5/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_5 | 3/11/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_5 | 4/19/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_5 | 5/7/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_5 | 8/19/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_5 | 2/1/96 | <0.2 | <0.2 | – | <50 | <50 | – | <20 | <20 |

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

| Sampling Station Identification No. | Date | Silver Total Recoverable (mg/l as Ag) | Silver Dissolved (mg/l as Ag) | Sodium Dissolved (mg/l as Na) | Strontium Dissolved (ug/l as Sr) | Thallium Total (mg/l as Tl) | Thallium Dissolved (mg/l as Tl) | Vanadium Dissolved (ug/l as V) | Zinc Total Recoverable (mg/l as Zn) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | <20 | -- | -- | -- | <10 | -- | -- | 180 |
| MESA_5 | 12/8/92 | <20 | -- | -- | -- | <10 | -- | -- | 120 |
| MESA_5 | 1/6/93 | <20 | -- | -- | -- | <10 | -- | -- | <0.1 |
| MESA_5 | 2/8/93 | <20 | -- | -- | -- | <10 | -- | -- | 140 |
| MESA_5 | 11/13/93 | -- | -- | -- | -- | -- | -- | -- | 80 |
| MESA_5 | 2/7/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 3/7/94 | -- | -- | -- | -- | -- | -- | -- | 360 |
| MESA_5 | 3/25/94 | -- | -- | -- | -- | -- | -- | -- | 250 |
| MESA_5 | 4/26/94 | -- | -- | -- | -- | -- | -- | -- | 290 |
| MESA_5 | 5/25/94 | -- | -- | -- | -- | -- | -- | -- | 120 |
| MESA_5 | 11/12/94 | -- | -- | -- | -- | -- | -- | -- | 90 |
| MESA_5 | 12/5/94 | -- | -- | -- | -- | -- | -- | -- | 130 |
| MESA_5 | 12/23/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 12/29/94 | -- | -- | -- | -- | -- | -- | -- | 90 |
| MESA_5 | 1/4/95 | -- | -- | -- | -- | -- | -- | -- | 200 |
| MESA_5 | 1/25/95 | -- | -- | -- | -- | -- | -- | -- | <50 |
| MESA_5 | 3/5/95 | -- | -- | -- | -- | -- | -- | -- | 90 |
| MESA_5 | 3/11/95 | -- | -- | -- | -- | -- | -- | -- | 240 |
| MESA_5 | 4/19/95 | -- | -- | -- | -- | -- | -- | -- | 150 |
| MESA_5 | 5/7/95 | -- | -- | -- | -- | -- | -- | -- | 190 |
| MESA_5 | 8/19/95 | -- | -- | -- | -- | -- | -- | -- | <660 |
| MESA_5 | 2/1/96 | <10 | <10 | -- | -- | <2 | <2 | -- | 380 |

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

## EPA Method 608
## Organochlorine Pesticides and PCB's

| Sampling Station Identification No. | Date | Zinc Dissolved (mg/l as Zn) | Aldrin Total (ug/l) | BHC - ALPHA (ug/l) | 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) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_5 | 12/8/92 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_5 | 1/6/93 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_5 | 2/8/93 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_5 | 11/13/93 | <50 | <0.8 | <0.3 | <10.0 | <0.10 | <0.15 | <0.15 | <0.15 |
| MESA_5 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 3/7/94 | **70** | – | – | – | – | – | – | – |
| MESA_5 | 3/25/94 | **60** | **19** | – | – | – | – | – | – |
| MESA_5 | 4/26/94 | **90** | **23** | <1.0 | <0.6 | <0.5 | <0.2 | <2.0 | <50.0 |
| MESA_5 | 5/25/94 | <50 | – | – | – | – | – | – | – |
| MESA_5 | 11/12/94 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <1.0 | <1.0 | <1.0 |
| MESA_5 | 12/5/94 | **90** | <0.10 | <0.050 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_5 | 12/23/94 | – | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 |
| MESA_5 | 12/29/94 | <50 | – | – | – | – | – | – | – |
| MESA_5 | 1/4/95 | <50 | <0.11 | <0.055 | <0.055 | <0.44 | <1.1 | <1.1 | <1.1 |
| MESA_5 | 1/25/95 | <50 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | <0.1 | <0.1 |
| MESA_5 | 3/5/95 | **60** | <0.10 | <0.050 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_5 | 3/11/95 | <50 | <0.11 | <0.055 | <0.055 | <0.44 | <1.1 | <1.1 | <1.1 |
| MESA_5 | 4/19/95 | <50 | <0.10 | <0.050 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_5 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_5 | 8/19/95 | **210** | – | – | – | – | – | – | – |
| MESA_5 | 2/1/96 | **83** | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | Aroclor 1242 PCB Total (ug/l) | Aroclor 1248 PCB Total (ug/l) | Aroclor 1254 PCB Total (ug/l) | 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) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_5 | 12/8/92 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_5 | 1/6/93 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | 0.014 | <0.05 |
| MESA_5 | 2/8/93 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | 0.022 | <0.05 |
| MESA_5 | 11/13/93 | <0.15 | <0.15 | <0.15 | <0.15 | <1.50 | <0.05 | <0.1 | <0.6 |
| MESA_5 | 2/7/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 3/7/94 | -- | -- | -- | -- | -- | -- | <0.1 | -- |
| MESA_5 | 3/25/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 4/26/94 | <10.0 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | -- | -- |
| MESA_5 | 5/25/94 | -- | -- | -- | -- | -- | -- | <0.1 | -- |
| MESA_5 | 11/12/94 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <0.1 | <0.1 | <0.1 |
| MESA_5 | 12/5/94 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.050 | <0.10 |
| MESA_5 | 12/23/94 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.02 | <0.02 |
| MESA_5 | 12/29/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 1/4/95 | <1.1 | <1.1 | <1.1 | <1.1 | <0.17 | <0.11 | <0.055 | <0.11 |
| MESA_5 | 1/25/95 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.05 | <0.05 | <0.05 |
| MESA_5 | 3/5/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.050 | <0.10 |
| MESA_5 | 3/11/95 | <1.1 | <1.1 | <1.1 | <1.1 | <0.17 | <0.11 | <0.055 | <0.11 |
| MESA_5 | 4/19/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.050 | <0.10 |
| MESA_5 | 5/7/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 8/19/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 2/1/96 | -- | -- | -- | -- | -- | -- | -- | -- |

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

| Sampling Station Identification No. | Date | Dieldrin Total (ug/l) | Endo-Sulfan Alpha Total (ug/l) | Endo-Sulfan Beta Total (ug/l) | Endo-Sulfan Sulfate Total (ug/l) | Endrin Aldehyde Total (ug/l) | Endrin Total (ug/l) | Heptachlor Total (ug/l) | Heptachlor Epoxide Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_5 | 12/8/92 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_5 | 1/6/93 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_5 | 2/8/93 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_5 | 11/13/93 | <0.30 | <0.20 | <0.50 | <0.20 | <0.30 | <0.10 | <0.30 | <0.10 |
| MESA_5 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 3/7/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 4/26/94 | – | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.50 |
| MESA_5 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 11/12/94 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| MESA_5 | 12/5/94 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_5 | 12/23/94 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.02 | <0.02 | <0.02 |
| MESA_5 | 12/29/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 1/4/95 | <0.11 | <0.17 | <0.11 | <0.83 | <0.28 | <0.11 | <0.11 | <0.11 |
| MESA_5 | 1/25/95 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | <0.05 | <0.05 | <0.05 |
| MESA_5 | 3/5/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_5 | 3/11/95 | <0.11 | <0.17 | <0.11 | <0.83 | <0.28 | <0.11 | <0.11 | <0.11 |
| MESA_5 | 4/19/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_5 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_5 | 8/19/95 | – | – | – | – | – | – | – | – |
| MESA_5 | 2/1/96 | – | – | – | – | – | – | – | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondetect Count

## EPA Method: 624
## Purgeables

| Sampling Station Identification No. | Date | Toxaphene Total (ug/l) | Methoxychlor Total (ug/l) | Beta Benzene Hexachloride Total (ug/l) | 1,1,2,2-Tetra-Chloroethane Total (ug/l) | 1,1,1,2-Tetra Chloroethane Total (ug/l) | Tetra-chloroethene PCE (ug/l) | 1,1,1-Tri-Chloroethane Total (ug/l) | 1,1,2-Tri-Chloroethane Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_5 | 12/8/92 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_5 | 1/6/93 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_5 | 2/8/93 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_5 | 11/13/93 | <2.50 | – | – | <0.50 | – | <0.50 | <0.50 | <0.50 |
| MESA_5 | 2/7/94 | – | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_5 | 3/7/94 | – | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_5 | 3/25/94 | – | – | – | – | – | <2.0 | <2.0 | <2.0 |
| MESA_5 | 4/26/94 | <0.50 | – | – | <2.50 | – | <2.0 | <2.0 | <2.0 |
| MESA_5 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_5 | 11/12/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_5 | 12/5/94 | <0.50 | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_5 | 12/23/94 | <0.05 | – | – | <0.5 | – | <0.5 | <0.5 | <0.5 |
| MESA_5 | 12/29/94 | – | – | – | <2.0 | – | <2.0 | <2.0 | <4.0 |
| MESA_5 | 1/4/95 | <0.55 | – | – | <0.5 | – | <0.5 | <0.5 | <0.5 |
| MESA_5 | 1/25/95 | <0.1 | – | – | <0.5 | – | <0.5 | <0.5 | <0.5 |
| MESA_5 | 3/5/95 | <0.50 | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_5 | 3/11/95 | <0.55 | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_5 | 4/19/95 | <0.50 | <10 | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_5 | 5/7/95 | – | – | – | <0.5 | – | 3.3 | <0.5 | <0.5 |
| MESA_5 | 8/19/95 | – | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_5 | 2/1/96 | – | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |

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

| Sampling Station Identification No. | Date | Agency Collecting Sample | Agency Analyzing Sample | Drainage Area (acres) DA | Impervious Area (acres) IA | Land Use (%) LUR | LUC | LUI | LUN | Storm Duration (min.) DRN | Total Runoff (cu. ft.) RUN | Instantaneous Discharge (cfs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | Mesa | ATL | 63 | 56 | 0 | 100 | 0 | 0 | UA | UA | 16.14 |
| MESA_5 | 12/8/92 | Mesa | ATL | 63 | 56 | 0 | 100 | 0 | 0 | UA | UA | 10.44 |
| MESA_5 | 1/6/93 | Mesa | ATL | 63 | 56 | 0 | 100 | 0 | 0 | UA | UA | 2.21 |
| MESA_5 | 2/8/93 | Mesa | ATL | 63 | 56 | 0 | 100 | 0 | 0 | UA | UA | 16.24 |
| MESA_5 | 11/13/93 | FCD | WESTECH | 63 | 56 | 0 | 100 | 0 | 0 | 400 | 32,490 | 3.03 |
| MESA_5 | 2/7/94 | FCD | WESTECH | 63 | 56 | 0 | 100 | 0 | 0 | UA | UA | UA |
| MESA_5 | 3/7/94 | FCD | WESTECH | 63 | 56 | 0 | 100 | 0 | 0 | 554 | 18,020 | 1.27 |
| MESA_5 | 3/25/94 | FCD | WESTECH | 63 | 56 | 0 | 100 | 0 | 0 | 190 | 42,790 | 7.40 |
| MESA_5 | 4/26/94 | FCD | WESTECH | 63 | 56 | 0 | 100 | 0 | 0 | 228 | 28,350 | 4.85 |
| MESA_5 | 5/25/94 | FCD | WESTECH | 63 | 56 | 0 | 100 | 0 | 0 | 742 | 32,240 | 4.12 |
| MESA_5 | 11/12/94 | FCD | WESTECH | 63 | 56 | 0 | 100 | 0 | 0 | 216 | 89,050 | 16.23 |
| MESA_5 | 12/5/94 | FCD | WESTECH | 63 | 56 | 0 | 100 | 0 | 0 | 350 | 58,216 | 6.90 |
| MESA_5 | 12/23/94 | FCD | WESTECH | 63 | 56 | 0 | 100 | 0 | 0 | 186 | 84,675 | 11.40 |
| MESA_5 | 12/29/94 | FCD | WESTECH | 63 | 56 | 0 | 100 | 0 | 0 | 246 | 46,700 | 15.46 |
| MESA_5 | 1/4/95 | FCD | WESTECH | 63 | 56 | 0 | 100 | 0 | 0 | 538 | 53,650 | 5.40 |
| MESA_5 | 1/25/95 | FCD | WESTECH | 63 | 56 | 0 | 100 | 0 | 0 | 422 | 106,724 | 16.21 |
| MESA_5 | 3/5/95 | FCD | WESTECH | 63 | 56 | 0 | 100 | 0 | 0 | 332 | 81,647 | 10.07 |
| MESA_5 | 3/11/95 | FCD | WESTECH | 63 | 56 | 0 | 100 | 0 | 0 | 628 | 81,105 | 14.63 |
| MESA_5 | 4/19/95 | FCD | WESTECH | 63 | 56 | 0 | 100 | 0 | 0 | 526 | 47,724 | 7.01 |
| MESA_5 | 5/7/95 | FCD | WESTECH | 63 | 56 | 0 | 100 | 0 | 0 | 452 | 35,517 | 15.10 |
| MESA_5 | 8/19/95 | FCD | WESTECH | 63 | 56 | 0 | 100 | 0 | 0 | 170 | 107,055 | 15.10 |
| MESA_5 | 2/1/96 | FCD | DEL MAR | 63 | 56 | 0 | 100 | 0 | 0 | 870 | 41,224 | 15.10 |

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

## Physical Properties

| Sampling Station Identification No. | Date | Preceding Dry Period (days) ANT | Total Rainfall (in.) TRN | Maximum 5-minute Rain Intensity MAX5 | Sample Temp. (deg C) | Effluent Temp. (deg C) | Ambient Temp. (deg C) | Barometric Pressure (mm og Hg) | pH Effluent (Standard Units) | pH LAB Sample (Standard Units) | Specific Conductance FIELD (us/cm) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | UA | UA | UA | NM | NM | NM | NM | NM | 6.6 | – |
| MESA_5 | 12/8/92 | 4 | UA | UA | NM | NM | NM | NM | NM | 6.9 | – |
| MESA_5 | 1/6/93 | 29 | UA | UA | NM | NM | NM | NM | NM | 7.4 | – |
| MESA_5 | 2/8/93 | 33 | UA | UA | NM | NM | NM | NM | NM | 6.9 | – |
| MESA_5 | 11/13/93 | 278 | 0.34 | UA | NM | NM | NM | NM | NM | – | – |
| MESA_5 | 2/7/94 | 86 | UA | UA | NM | NM | NM | NM | NM | – | – |
| MESA_5 | 3/7/94 | 28 | 0.19 | 0.24 | NM | NM | NM | NM | NM | 7.58 | – |
| MESA_5 | 3/25/94 | 18 | 0.36 | 0.48 | NM | NM | NM | NM | NM | 7.7 | – |
| MESA_5 | 4/26/94 | 32 | 0.32 | 0.36 | NM | NM | NM | NM | NM | 6.96 | – |
| MESA_5 | 5/25/94 | 29 | 0.28 | 0.72 | NM | NM | NM | NM | NM | 7.42 | – |
| MESA_5 | 11/12/94 | 171 | 0.57 | 0.48 | NM | NM | NM | NM | NM | 7.74 | – |
| MESA_5 | 12/5/94 | 23 | 0.27 | 0.12 | NM | NM | NM | NM | NM | 7.29 | – |
| MESA_5 | 12/23/94 | 18 | 0.32 | 0.36 | NM | NM | NM | NM | NM | 7.26 | – |
| MESA_5 | 12/29/94 | 6 | 0.12 | 1.20 | NM | NM | NM | NM | NM | 7.8 | – |
| MESA_5 | 1/4/95 | 6 | 0.18 | 0.24 | NM | NM | NM | NM | NM | 7.84 | – |
| MESA_5 | 1/25/95 | 21 | 0.49 | 1.92 | NM | NM | NM | NM | NM | 7.79 | – |
| MESA_5 | 3/5/95 | 39 | 0.23 | 0.24 | NM | NM | NM | NM | NM | 7.24 | – |
| MESA_5 | 3/11/95 | 6 | 0.26 | 0.60 | NM | NM | NM | NM | NM | 7.86 | – |
| MESA_5 | 4/19/95 | 39 | 0.19 | 0.36 | NM | NM | NM | NM | NM | 7.47 | – |
| MESA_5 | 5/7/95 | 18 | 0.09 | 0.24 | NM | NM | NM | NM | NM | 6.9 | – |
| MESA_5 | 8/19/95 | 8 | 0.35 | 0.72 | NM | NM | NM | NM | NM | 7.15 | – |
| MESA_5 | 2/1/96 | 86 | 0.50 | 1.68 | NM | NM | NM | NM | NM | 7.9 | – |

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

## Inorganic Chemistry
## Nonmetals

| Sampling Station Identification No. | Date | Specific Conductance LAB (us/cm) | Oxygen Dissolved (% saturation) | Oxygen Dissolved (mg/l) | Electrical Conductivity (umhos/cm) | BOD5 (mg/l) | COD High Level (mg/l) | Chloride (mg/l as Cl) | Cyanide Total (mg/l as Cn) | Fecal Coliform (Col/100mL) |
|---|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | – | – | – | – | 16 | 210 | – | <0.01 | 2400 |
| MESA_5 | 12/8/92 | – | – | – | – | 9 | 58 | – | <0.01 | 2400 |
| MESA_5 | 1/6/93 | – | – | – | – | 9 | 67 | – | <0.01 | 500 |
| MESA_5 | 2/8/93 | – | – | – | – | 6 | 110 | – | <0.01 | 1700 |
| MESA_5 | 11/13/93 | – | – | – | – | 14 | 47 | 2.1 | – | 2600 |
| MESA_5 | 2/7/94 | – | – | – | – | 14 | – | – | – | 900 |
| MESA_5 | 3/7/94 | – | – | – | – | 130 | 660 | 12 | <0.01 | 5 |
| MESA_5 | 3/25/94 | – | – | – | 81 | 96 | 130 | 4.5 | <0.01 | 150 |
| MESA_5 | 4/26/94 | – | – | – | 240 | 290 | 190 | 8.1 | <0.01 | TNTC |
| MESA_5 | 5/25/94 | – | – | – | 140 | <5.0 | 100 | 6.5 | <0.01 | <1 |
| MESA_5 | 11/12/94 | – | – | – | 72 | 140 | 87 | 2.4 | <0.01 | 150 |
| MESA_5 | 12/5/94 | – | – | – | 120 | 200 | 230 | 3.8 | <0.01 | – |
| MESA_5 | 12/23/94 | – | – | – | 97 | 86 | 110 | 3.9 | <0.01 | 5 |
| MESA_5 | 12/29/94 | – | – | – | 73 | 30 | 96 | 3.1 | <0.01 | – |
| MESA_5 | 1/4/95 | – | – | – | 110 | 48 | 160 | 4.3 | <0.01 | 5 |
| MESA_5 | 1/25/95 | – | – | – | 130 | 47 | 170 | 3 | <0.01 | 45 |
| MESA_5 | 3/5/95 | – | – | – | 72 | 90 | 110 | 2.9 | <0.01 | 34 |
| MESA_5 | 3/11/95 | – | – | – | 87 | 83 | 220 | 3.5 | <0.01 | 22 |
| MESA_5 | 4/19/95 | – | – | – | 120 | 120 | 210 | 5.2 | <0.01 | 3400 |
| MESA_5 | 5/7/95 | – | – | – | 170 | 93 | 310 | 7.4 | <0.01 | 200 |
| MESA_5 | 8/19/95 | – | – | – | 160 | 93 | 260 | 9 | <0.01 | 74000 |
| MESA_5 | 2/1/96 | 110 | – | <1.0 | – | 91 | 110 | 3.2 | – | >16000 |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondical Count

| Sampling Station Identification No. | Date | Fecal Streptococci (Col/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) | Nitrogen Nitrate Total (mg/l as N) | Nitrogen Nitrite Total (mg/l as N) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | 24000 | 90 | 120 | 0.32 | 2.1 | 1 | -- | -- |
| MESA_5 | 12/8/92 | 30000 | 60 | 21 | 0.21 | 1 | 0.7 | -- | -- |
| MESA_5 | 1/6/93 | 11000 | 74 | 77 | 0.5 | 1.3 | 0.6 | -- | -- |
| MESA_5 | 2/8/93 | 500 | 43 | 130 | -- | 1 | 0.6 | -- | -- |
| MESA_5 | 11/13/93 | 250 | 43 | 27 | <0.5 | 2.1 | 2.1 | -- | -- |
| MESA_5 | 2/7/94 | 97 | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 3/7/94 | 4.8 | 210 | 190 | 3.3 | 7.2 | 7.2 | -- | -- |
| MESA_5 | 3/25/94 | 130 | 69 | 120 | <0.50 | 2.5 | 2.5 | -- | -- |
| MESA_5 | 4/26/94 | 360000 | 190 | 350 | 1.2 | 4.7 | 4.7 | -- | -- |
| MESA_5 | 5/25/94 | <1 | 120 | 85 | 0.86 | 2 | 2 | -- | -- |
| MESA_5 | 11/12/94 | 71 | 60 | 66 | <0.50 | 1.5 | 1.5 | -- | -- |
| MESA_5 | 12/5/94 | -- | 110 | 51 | 0.84 | 4.1 | 4.1 | -- | -- |
| MESA_5 | 12/23/94 | 40 | 30 | 25 | 0.81 | 3.6 | 3.6 | -- | -- |
| MESA_5 | 12/29/94 | -- | 49 | 71 | 0.6 | 1.3 | 1.3 | -- | -- |
| MESA_5 | 1/4/95 | <1 | 120 | 99 | 0.77 | 2.9 | 2.9 | -- | -- |
| MESA_5 | 1/25/95 | 240 | 130 | 400 | <0.50 | 1.9 | 1.9 | -- | -- |
| MESA_5 | 3/5/95 | 49 | 72 | 37 | <0.50 | 2.7 | 2.7 | -- | -- |
| MESA_5 | 3/11/95 | 370 | 110 | 200 | 0.64 | 2.2 | 2.2 | -- | -- |
| MESA_5 | 4/19/95 | 4500 | 120 | 80 | 0.88 | 3.7 | 3.7 | -- | -- |
| MESA_5 | 5/7/95 | 440 | 190 | 40 | 1.5 | 5.6 | 5.6 | -- | -- |
| MESA_5 | 8/19/95 | 600 | 170 | 120 | 1.9 | 4.4 | 4.4 | 1.8 | 0.05 |
| MESA_5 | 2/1/96 | >16000 | 72 | 180 | 0.5 | 2.2 | 1.9 | 0.5 | <0.15 |

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

| Sampling Station Identification No. | Date | Nitrogen Ammonia Total (mg/l as N) | Nitrogen Organic Total (mg/l as N) | Phosphorous Total (mg/l as P) | Phosphorous Dissolved (mg/l as P) | Phosphorus Ortho Total (mg/l as P) | Sulfate Dissolved (mg/l) | Hexavalent Chromium Total (mg/l) | Phenols Total Recoverable (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | -- | -- | 0.4 | -- | -- | -- | -- | 53 |
| MESA_5 | 12/8/92 | -- | -- | 0.18 | -- | -- | -- | -- | 53 |
| MESA_5 | 1/6/93 | -- | -- | 0.22 | -- | -- | -- | -- | 53 |
| MESA_5 | 2/8/93 | -- | -- | 0.22 | 0.15 | -- | -- | -- | 53 |
| MESA_5 | 11/13/93 | -- | -- | 0.2 | 0.12 | -- | -- | -- | -- |
| MESA_5 | 2/7/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 3/7/94 | -- | -- | 0.98 | 0.41 | -- | -- | -- | -- |
| MESA_5 | 3/25/94 | -- | -- | 0.51 | 0.2 | -- | 6.6 | -- | -- |
| MESA_5 | 4/26/94 | -- | -- | 0.76 | 0.36 | -- | 11 | -- | <10 |
| MESA_5 | 5/25/94 | -- | -- | 2.4 | 2 | -- | 9.6 | -- | -- |
| MESA_5 | 11/12/94 | -- | -- | 0.25 | 0.14 | -- | 6.5 | -- | -- |
| MESA_5 | 12/5/94 | -- | -- | 0.22 | <0.10 | -- | 12 | -- | 30 |
| MESA_5 | 12/23/94 | -- | -- | 0.32 | 0.27 | -- | 12 | -- | -- |
| MESA_5 | 12/29/94 | -- | -- | 0.31 | 0.1 | -- | 9.8 | -- | -- |
| MESA_5 | 1/4/95 | -- | -- | 0.35 | 0.21 | -- | 13 | -- | -- |
| MESA_5 | 1/25/95 | -- | -- | 0.42 | 0.1 | -- | 9.5 | -- | <10 |
| MESA_5 | 3/5/95 | -- | -- | 0.33 | 0.15 | -- | 8.2 | -- | <10 |
| MESA_5 | 3/11/95 | -- | -- | 0.32 | 0.14 | -- | 11 | -- | <10 |
| MESA_5 | 4/19/95 | -- | -- | 0.46 | 0.28 | -- | 9.9 | -- | 20 |
| MESA_5 | 5/7/95 | -- | -- | 0.41 | <0.10 | -- | 15 | -- | -- |
| MESA_5 | 8/19/95 | 2.5 | -- | 1 | 0.68 | -- | 13 | -- | <10 |
| MESA_5 | 2/1/96 | 1.3 | 0.6 | -- | -- | -- | 5.3 | <0.025 | -- |

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

| Sampling Station Identification No. | Date | Oil and Grease Total Recoverable (mg/l) | Organic Carbon, Total (mg/l) | Bicarbonate Whole Field (mg/l as HCO3) | Bicarbonate Dissolved Field (mg/l as HCO3) | Carbonate Water Field (mg/l as CO3) | Carbonate Water Dissolved Field (mg/l as CO3) | Alkalinity Water Field Total (mg/l as CaCO3) | Alkalinity Dissolved Water Field Total (mg/l as CaCO3) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | <5.0 | – | – | – | – | – | – | – |
| MESA_5 | 12/8/92 | <5.0 | – | – | – | – | – | – | – |
| MESA_5 | 1/6/93 | <5.0 | – | – | – | – | – | – | – |
| MESA_5 | 2/8/93 | <5.0 | – | – | – | – | – | – | – |
| MESA_5 | 11/13/93 | **12** | – | – | – | – | – | – | – |
| MESA_5 | 2/7/94 | **11** | – | – | – | – | – | – | – |
| MESA_5 | 3/7/94 | **22** | – | – | – | – | – | – | – |
| MESA_5 | 3/25/94 | **19** | – | – | – | – | – | – | – |
| MESA_5 | 4/26/94 | **23** | – | – | – | – | – | – | – |
| MESA_5 | 5/25/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_5 | 11/12/94 | **10** | – | – | – | – | – | – | – |
| MESA_5 | 12/5/94 | **30** | – | – | – | – | – | – | – |
| MESA_5 | 12/23/94 | **350** | – | – | – | – | – | – | – |
| MESA_5 | 12/29/94 | **500** | – | – | – | – | – | – | – |
| MESA_5 | 1/4/95 | **7.7** | – | – | – | – | – | – | – |
| MESA_5 | 1/25/95 | **9.5** | – | – | – | – | – | – | – |
| MESA_5 | 3/5/95 | **14** | – | – | – | – | – | – | – |
| MESA_5 | 3/11/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_5 | 4/19/95 | **3.8** | – | – | – | – | – | – | – |
| MESA_5 | 5/7/95 | **7.2** | – | – | – | – | – | – | – |
| MESA_5 | 8/19/95 | **1300** | – | – | – | – | – | – | – |
| MESA_5 | 2/1/96 | – | – | – | – | – | – | – | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondical Count

## Inorganic Chemistry
## Total and Dissolved Metals

| Sampling Station Identification No. | Date | Alkalinity LAB (mg/l as CaCO3) | Silica Dissolved (mg/l as SiO2) | Hardness (mg/l) | Antimony (mg/l as Sb) | Antimony Dissolved (mg/l as Sb) | Arsenic Total (mg/l as As) | Arsenic Dissolved (mg/l as As) | Barium Dissolved (ug/l as Ba) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_5 | 12/4/92 | -- | -- | -- | <20 | -- | <20 | -- | -- |
| MESA_5 | 12/8/92 | -- | -- | -- | <20 | -- | <20 | -- | -- |
| MESA_5 | 1/6/93 | -- | -- | -- | <20 | -- | <20 | -- | -- |
| MESA_5 | 2/8/93 | -- | -- | -- | <20 | -- | <20 | -- | -- |
| MESA_5 | 11/13/93 | -- | -- | -- | -- | -- | <50 | -- | -- |
| MESA_5 | 2/7/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 3/7/94 | -- | -- | -- | -- | -- | <50 | -- | -- |
| MESA_5 | 3/25/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_5 | 4/26/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 5/25/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_5 | 11/12/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_5 | 12/5/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_5 | 12/23/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_5 | 12/29/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_5 | 1/4/95 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_5 | 1/25/95 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_5 | 3/5/95 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_5 | 3/11/95 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_5 | 4/19/95 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_5 | 5/7/95 | -- | -- | -- | -- | -- | <50 | -- | -- |
| MESA_5 | 8/19/95 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_5 | 2/1/96 | **31** | -- | **66** | <50 | <50 | <10 | <10 | -- |

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

| Sampling Station Identification No. | Date | 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) | cis-1,3-Dichloro-propene (ug/l) | trans-1,2-Dichloroethene (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | -- | <5.0 | <1.6 |
| MESA_4 | 12/4/92 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | -- | <5.0 | <1.6 |
| MESA_4 | 12/5/92 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | -- | <5.0 | <1.6 |
| MESA_4 | 12/8/92 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | -- | <5.0 | <1.6 |
| MESA_4 | 12/9/92 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | -- | <5.0 | <1.6 |
| MESA_4 | 1/6/93 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | -- | <5.0 | <1.6 |
| MESA_4 | 2/8/93 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | -- | <5.0 | <1.6 |
| MESA_4 | 2/10/93 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | -- | <5.0 | <1.6 |
| MESA_4 | 8/24/93 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 10/6/93 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 2/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_4 | 3/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_4 | 3/25/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_4 | 4/26/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_4 | 5/25/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 7/19/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 8/8/94 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <10. | <4.0 | <4.0 |
| MESA_4 | 10/15/94 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| MESA_4 | 12/5/94 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_4 | 12/23/94 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| MESA_4 | 12/29/94 | <2.0 | <2.0 | <4.0 | <2.0 | <2.0 | -- | <2.0 | <2.0 |
| MESA_4 | 1/4/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <5 | <0.5 | <0.5 |
| MESA_4 | 2/28/95 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_4 | 3/5/95 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_4 | 11/6/95 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_4 | 2/1/96 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |

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

| Sampling Station Identification No. | Date | trans-1,3-Dichloropropene (ug/l) | Benzene Total (ug/l) | Bromodichloro-methane (ug/l) | Bromoform Total (ug/l) | Carbon-tetrachloride Total (ug/l) | Chlorobenzene Total (ug/l) | Chloroethane (ug/l) | Chloroform Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_4 | 12/4/92 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_4 | 12/5/92 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_4 | 12/8/92 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_4 | 12/9/92 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_4 | 1/6/93 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_4 | 2/8/93 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_4 | 2/10/93 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_4 | 8/24/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 2/7/94 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_4 | 3/7/94 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_4 | 3/25/94 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 |
| MESA_4 | 4/26/94 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 |
| MESA_4 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | <4.0 | <4.0 | <4.0 | <10 | <4.0 | <4.0 | <10 | <4.0 |
| MESA_4 | 10/15/94 | <2 | 2 | <2 | <2 | <2 | <2 | <5 | <2 |
| MESA_4 | 12/5/94 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_4 | 12/23/94 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | <0.5 |
| MESA_4 | 12/29/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <4.0 | <2.0 |
| MESA_4 | 1/4/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | <0.5 |
| MESA_4 | 2/28/95 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_4 | 3/5/95 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_4 | 11/6/95 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_4 | 2/1/96 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nominal Count

| Sampling Station Identification No. | Date | Ethyl-Benzene Total (ug/l) | Methylene Chloride Total (ug/l) | Toluene Total (ug/l) | Trichlorofluoromethane Total (ug/l) | Vinyl Chloride Total (ug/l) | Chloro-Di-Bromomethane Total (ug/l) | 4-Methyl 2- Pentanone MIBK Total (ug/l) | Acetone Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_4 | 12/4/92 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_4 | 12/5/92 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_4 | 12/8/92 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_4 | 12/9/92 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_4 | 1/6/93 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_4 | 2/8/93 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_4 | 2/10/93 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_4 | 8/24/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 2/7/94 | <2.0 | <5.0 | <2.0 | – | <5.0 | <2.0 | – | – |
| MESA_4 | 3/7/94 | <2.0 | <5.0 | <2.0 | – | <5.0 | <2.0 | – | – |
| MESA_4 | 3/25/94 | <5.0 | <2.0 | <5.0 | – | <2.0 | <10.0 | – | – |
| MESA_4 | 4/26/94 | <5.0 | <2.0 | <5.0 | – | <2.0 | <10.0 | – | – |
| MESA_4 | 5/25/94 | – | <5.0 | <2.0 | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | <4.0 | <10 | <4.0 | – | <10 | <4.0 | – | – |
| MESA_4 | 10/15/94 | <2 | <5 | <2 | – | <5 | <2 | – | – |
| MESA_4 | 12/5/94 | <2.0 | <10 | <2.0 | – | <5.0 | <2.0 | – | **14** |
| MESA_4 | 12/23/94 | <0.5 | <1 | <0.5 | – | <0.5 | <0.5 | – | – |
| MESA_4 | 12/29/94 | <2.0 | <10 | <2.0 | – | <4.0 | <2.0 | – | – |
| MESA_4 | 1/4/95 | <0.5 | <1 | <0.5 | – | <0.5 | <0.5 | – | – |
| MESA_4 | 2/28/95 | <2.0 | <10 | <2.0 | – | <5.0 | <2.0 | – | **52** |
| MESA_4 | 3/5/95 | <2.0 | <10 | <2.0 | – | <5.0 | <2.0 | – | **13** |
| MESA_4 | 11/6/95 | <2.0 | <10 | <2.0 | – | <5.0 | <2.0 | – | – |
| MESA_4 | 2/1/96 | <2.0 | <10 | <2.0 | <5.0 | <5.0 | <2.0 | – | **17** |

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

| Sampling Station Identification No. | Date | 2-Butanone Total (ug/l) | Carbon Disulfide Total (ug/l) | 1,2- Dichloroethene Total (ug/l) | Xylenes (ug/l) | 2-Hexanone Total (ug/l) | Styrene Total (ug/l) | Acrolein Total (ug/l) | Acrylonitirile Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_4 | 12/4/92 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_4 | 12/5/92 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_4 | 12/8/92 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_4 | 12/9/92 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_4 | 1/6/93 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_4 | 2/8/93 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_4 | 2/10/93 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_4 | 8/24/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 2/7/94 | – | – | – | <2.0 | – | – | <10.0 | <10.0 |
| MESA_4 | 3/7/94 | – | – | – | <2.0 | – | – | <10.0 | <10.0 |
| MESA_4 | 3/25/94 | – | – | – | – | – | – | <5.0 | <10.0 |
| MESA_4 | 4/26/94 | – | – | – | – | – | – | <5.0 | <10.0 |
| MESA_4 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | – | – | – | <4.0 | – | – | <20 | <20 |
| MESA_4 | 10/15/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 12/5/94 | – | – | – | <2.0 | – | – | – | – |
| MESA_4 | 12/23/94 | – | – | – | <1 | – | – | – | – |
| MESA_4 | 12/29/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 1/4/95 | – | – | – | <1 | – | – | <50 | <50 |
| MESA_4 | 2/28/95 | <10 | <5.0 | – | <2.0 | <10 | <2.0 | – | – |
| MESA_4 | 3/5/95 | <10 | <5.0 | – | <2.0 | <10 | <2.0 | – | – |
| MESA_4 | 11/6/95 | <10 | <5.0 | – | <2.0 | <10 | <2.0 | – | – |
| MESA_4 | 2/1/96 | <10 | <5.0 | – | <2.0 | <10 | <2.0 | – | – |

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

**EPA Method: 625**
**Base/Neutrals & Acids**

| Sampling Station Identification No. | Date | Bromobenzene Total (ug/l) | 1,3-Di Chloropropane Total (ug/l) | Methyl-Bromide (Bromomethane) Total (ug/l) | Methyl-Chloride (Chloromethane) Total (ug/l) | Parachlorotoluene Total (ug/l) | Dibromoethane Total (ug/l) | Acenaphthene Total (ug/l) | Acenaphthylene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_4 | 12/4/92 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_4 | 12/5/92 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_4 | 12/8/92 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_4 | 12/9/92 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_4 | 1/6/93 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_4 | 2/8/93 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_4 | 2/10/93 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_4 | 8/24/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | – | – | – | – | – | – | <10.0 | <10.0 |
| MESA_4 | 2/7/94 | – | – | – | – | – | – | <20.0 | <20.0 |
| MESA_4 | 3/7/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 4/26/94 | – | – | – | – | – | – | <10.0 | <10.0 |
| MESA_4 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | – | – | – | – | – | – | <22 | <22 |
| MESA_4 | 10/15/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 12/5/94 | – | – | – | – | – | – | <10 | <10 |
| MESA_4 | 12/23/94 | – | – | – | – | – | – | <2 | <2 |
| MESA_4 | 12/29/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 1/4/95 | – | – | – | – | – | – | <10 | <10 |
| MESA_4 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_4 | 3/5/95 | – | – | – | – | – | – | <10 | <10 |
| MESA_4 | 11/6/95 | – | – | – | – | – | – | <10 | <10 |
| MESA_4 | 2/1/96 | – | – | <5.0 | <5.0 | – | – | – | – |

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

| Sampling Station Identification No. | Date | Anthracene Total (ug/l) | Benzidine Total (ug/l) | Benzoic Acid Total (ug/l) | Benzo-A Anthracene Total (ug/l) | Benzo(b)Fluoranthene Total (ug/l) | Benzo-K Fluoranthene Total (ug/l) | Benzo (GHI) Perylene Total (ug/l) | Benzo-A-Pyrene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_4 | 12/4/92 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_4 | 12/5/92 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_4 | 12/8/92 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_4 | 12/9/92 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_4 | 1/6/93 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_4 | 2/8/93 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_4 | 2/10/93 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_4 | 8/24/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | <10.0 | <20.0 | – | <10.0 | – | <10.0 | <10.0 | <10.0 |
| MESA_4 | 2/7/94 | <20.0 | <40.0 | – | <20.0 | – | <20.0 | <20.0 | <20.0 |
| MESA_4 | 3/7/94 | – | – | – | – | – | – | – | <10.0 |
| MESA_4 | 3/25/94 | – | – | – | – | – | – | – | <20.0 |
| MESA_4 | 4/26/94 | <10.0 | – | – | <10.0 | – | <10.0 | <10.0 | <10.0 |
| MESA_4 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | <22 | – | – | <22 | – | <22 | <22 | <22 |
| MESA_4 | 10/15/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 12/5/94 | <10 | <100 | – | <10 | – | <10 | <10 | <10 |
| MESA_4 | 12/23/94 | <2 | <20 | – | <2 | – | <2 | <2 | <2 |
| MESA_4 | 12/29/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 1/4/95 | <10 | <100 | – | <20 | – | <10 | <10 | <10 |
| MESA_4 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_4 | 3/5/95 | <10 | <100 | – | <10 | – | <10 | <10 | <10 |
| MESA_4 | 11/6/95 | <10 | <100 | – | <10 | – | <10 | <10 | <10 |
| MESA_4 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | Benzyl Alcohol Total (ug/l) | Bis (2-Chloroethoxy) Methane Total (ug/l) | Bis (2-Chloroethyl) Ether Total (ug/l) | Bis (2-Chloroisopropyl) Ether Total (ug/l) | Bis(2-Ethyl Hexyl) Phthalate Total (ug/l) | 4-Bromo-Phenyl Phenyl Ether Total (ug/l) | Butyl Benzyl Phthalate Total (ug/l) | 2-Chloro-Naphthalene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_4 | 12/4/92 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_4 | 12/5/92 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_4 | 12/8/92 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_4 | 12/9/92 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_4 | 1/6/93 | – | <5.3 | <5.7 | <5.7 | **12** | <1.9 | <2.5 | <1.9 |
| MESA_4 | 2/8/93 | – | <5.3 | <5.7 | <5.7 | **5.8** | <1.9 | <2.5 | <1.9 |
| MESA_4 | 2/10/93 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_4 | 8/24/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | – | <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 |
| MESA_4 | 3/7/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 4/26/94 | – | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_4 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | – | <22 | <22 | <22 | <22 | <22 | <22 | <22 |
| MESA_4 | 10/15/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 12/5/94 | – | <10 | <10 | <10 | **87** | <10 | <20 | <10 |
| MESA_4 | 12/23/94 | – | <2 | <2 | <2 | **7** | <2 | <2 | <2 |
| MESA_4 | 12/29/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 1/4/95 | – | <10 | <10 | <10 | **310** | <10 | <10 | <10 |
| MESA_4 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_4 | 3/5/95 | – | <10 | <10 | <10 | **66** | <10 | <20 | <10 |
| MESA_4 | 11/6/95 | – | <10 | <10 | <10 | <20 | <10 | <20 | <10 |
| MESA_4 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | 2-Chlorophenol Total (ug/l) | 4-Chloro-Phenyl Phenyl Ether Total (ug/l) | Chyrsene Total (ug/l) | Dibenzo-[a,h]-Anthracene (ug/l) | Di-N-Butyl Phthalate Total (ug/l) | 1,3-Di-Chlorobenzene Total (ug/l) | 1,4-Di-Chlorobenzene Total (ug/l) | 1,2-Di-Chlorobenzene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <3.3 | <4.2 | <2.5 | -- | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_4 | 12/4/92 | <3.3 | <4.2 | <2.5 | -- | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_4 | 12/5/92 | <3.3 | <4.2 | <2.5 | -- | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_4 | 12/8/92 | <3.3 | <4.2 | <2.5 | -- | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_4 | 12/9/92 | <3.3 | <4.2 | <2.5 | -- | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_4 | 1/6/93 | <3.3 | <4.2 | <2.5 | -- | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_4 | 2/8/93 | <3.3 | <4.2 | <2.5 | -- | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_4 | 2/10/93 | <3.3 | <4.2 | <2.5 | -- | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_4 | 8/24/93 | -- | -- | -- | -- | -- | -- | -- | -- |
| 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 | -- | -- | -- | -- | -- |
| MESA_4 | 3/25/94 | -- | -- | <20.0 | -- | -- | -- | -- | -- |
| MESA_4 | 4/26/94 | <50.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_4 | 5/25/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 7/19/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 8/8/94 | <22 | <22 | <22 | <22 | <22 | <22 | <22 | <22 |
| MESA_4 | 10/15/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 12/5/94 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_4 | 12/23/94 | <2 | <2 | <2 | <2 | <2 | <2 | 2 | <2 |
| MESA_4 | 12/29/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 1/4/95 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| MESA_4 | 2/28/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 3/5/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_4 | 11/6/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_4 | 2/1/96 | -- | -- | -- | -- | -- | -- | -- | -- |

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

| Sampling Station Identification No. | Date | 3,3'-Di-Chlorobenzidine Total (ug/l) | 2,4-Di-Chlorophenol Total (ug/l) | Diethyl-Phthalate Total (ug/l) | 2,4-Di-Methylphenol Total (ug/l) | Dimethyl-Phthalate Total (ug/l) | 2-Methyl-4,6-Dinitrophenol (ug/l) | 2,4-Dinitro-phenol (ug/l) | 2,4-Di-Nitrotoluene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_4 | 12/4/92 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_4 | 12/5/92 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_4 | 12/8/92 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_4 | 12/9/92 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_4 | 1/6/93 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_4 | 2/8/93 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_4 | 2/10/93 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_4 | 8/24/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | <20.0 | <10.0 | <10.0 | <10.0 | <10.0 | <30.0 | <50.0 | <10.0 |
| MESA_4 | 2/7/94 | <40.0 | <20.0 | <20.0 | <20.0 | <20.0 | <60.0 | <100.0 | <20.0 |
| MESA_4 | 3/7/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 4/26/94 | <20.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | <20.0 |
| MESA_4 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | <44 | <22 | <22 | <22 | <22 | <66 | <110 | <22 |
| MESA_4 | 10/15/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 12/5/94 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_4 | 12/23/94 | <5 | <2 | <2 | <2 | <2 | <5 | <10 | <2 |
| MESA_4 | 12/29/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 1/4/95 | <20 | <10 | 10 | <10 | <10 | <20 | <50 | <10 |
| MESA_4 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_4 | 3/5/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_4 | 11/6/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_4 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | 2,6-Di-Nitrotoluene Total (ug/l) | Di-N-Octyl-Phthalate Total (ug/l) | Fluoranthene Total (ug/l) | Fluorene 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) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_4 | 12/4/92 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_4 | 12/5/92 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_4 | 12/8/92 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_4 | 12/9/92 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_4 | 1/6/93 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_4 | 2/8/93 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_4 | 2/10/93 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_4 | 8/24/93 | -- | -- | -- | -- | -- | -- | -- | -- |
| 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 | -- | -- | -- | -- | -- |
| MESA_4 | 3/25/94 | -- | -- | <20.0 | -- | -- | -- | -- | -- |
| MESA_4 | 4/26/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | -- | -- |
| MESA_4 | 5/25/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 7/19/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 8/8/94 | <22 | <22 | <22 | <22 | <22 | <22 | <22 | <22 |
| MESA_4 | 10/15/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 12/5/94 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_4 | 12/23/94 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| MESA_4 | 12/29/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 1/4/95 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| MESA_4 | 2/28/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 3/5/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_4 | 11/6/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_4 | 2/1/96 | -- | -- | -- | -- | -- | -- | -- | -- |

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

| Sampling Station Identification No. | Date | Indeno (1,2,3-CD) Pyrene Total (ug/l) | Iso-Phorone Total (ug/l) | Naphthalene Total (ug/l) | Nitrobenzene Total (ug/l) | 2-Nitrophenol Total (ug/l) | 4-Nitrophenol Total (ug/l) | N-Nitrosodi-Phenylamine Total (ug/l) | N-Nitrosodi-N-Propylamine Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_4 | 12/4/92 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_4 | 12/5/92 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_4 | 12/8/92 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_4 | 12/9/92 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_4 | 1/6/93 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_4 | 2/8/93 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_4 | 2/10/93 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_4 | 8/24/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <20.0 | <20.0 |
| MESA_4 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <40.0 | <40.0 |
| MESA_4 | 3/7/94 | <10.0 | – | – | – | – | – | – | – |
| MESA_4 | 3/25/94 | <20.0 | – | – | – | – | – | – | – |
| MESA_4 | 4/26/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | – |
| MESA_4 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | <22 | <22 | <22 | <22 | <22 | <22 | – | <44 |
| MESA_4 | 10/15/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 12/5/94 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_4 | 12/23/94 | <2 | <2 | <2 | <2 | <2 | <5 | <2 | <2 |
| MESA_4 | 12/29/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 1/4/95 | <10 | <10 | <10 | <10 | <10 | <20 | <10 | <10 |
| MESA_4 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_4 | 3/5/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_4 | 11/6/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_4 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | Penta-Chlorophenol Total (ug/l) | Phenanthrene Total (ug/l) | Phenol Total (ug/l) | Pyrene Total (ug/l) | 1,2,4-Tri-Chlorobenzene Total (ug/l) | 2,4,5-Trichlorophenol Total (ug/l) | 2,4,6-Tri-Chlorophenol Total (ug/l) | N-Nitrosodi-Methylamine Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_4 | 12/4/92 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_4 | 12/5/92 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_4 | 12/8/92 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_4 | 12/9/92 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_4 | 1/6/93 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_4 | 2/8/93 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_4 | 2/10/93 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_4 | 8/24/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | <10.0 | <20.0 |
| MESA_4 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | – | <20.0 | <40.0 |
| MESA_4 | 3/7/94 | – | – | – | <10.0 | – | – | – | – |
| MESA_4 | 3/25/94 | – | – | – | <20.0 | – | – | – | <2.0 |
| MESA_4 | 4/26/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | <30.0 | <2.0 |
| MESA_4 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | <22 | <22 | <22 | <22 | <22 | – | <22 | – |
| MESA_4 | 10/15/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 12/5/94 | <40 | <10 | <10 | <10 | <10 | – | <20 | – |
| MESA_4 | 12/23/94 | <5 | <2 | <2 | 2 | <2 | – | <5 | – |
| MESA_4 | 12/29/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 1/4/95 | <20 | <10 | <10 | <10 | <10 | – | <20 | – |
| MESA_4 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_4 | 3/5/95 | <40 | <10 | <10 | <10 | <10 | – | <20 | – |
| MESA_4 | 11/6/95 | <40 | <10 | <10 | <10 | <10 | – | <20 | – |
| MESA_4 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | 1,2-Di-Phenylhydrazine Total Recoverable (ug/l) | Dichloro difluoromethane Total (ug/l) | Parachloro-Meta-Cresol Total (ug/l) |
|---|---|---|---|---|
| MESA_4 | 10/28/92 | – | – | <3.0 |
| MESA_4 | 12/4/92 | – | – | <3.0 |
| MESA_4 | 12/5/92 | – | – | <3.0 |
| MESA_4 | 12/8/92 | – | – | <3.0 |
| MESA_4 | 12/9/92 | – | – | <3.0 |
| MESA_4 | 1/6/93 | – | – | <3.0 |
| MESA_4 | 2/8/93 | – | – | <3.0 |
| MESA_4 | 2/10/93 | – | – | <3.0 |
| MESA_4 | 8/24/93 | – | – | – |
| MESA_4 | 10/6/93 | <20.0 | – | – |
| MESA_4 | 2/7/94 | <40.0 | – | – |
| MESA_4 | 3/7/94 | – | – | – |
| MESA_4 | 3/25/94 | – | – | – |
| MESA_4 | 4/26/94 | – | – | – |
| MESA_4 | 5/25/94 | – | – | – |
| MESA_4 | 7/19/94 | – | – | – |
| MESA_4 | 8/8/94 | – | – | – |
| MESA_4 | 10/15/94 | – | – | – |
| MESA_4 | 12/5/94 | – | – | – |
| MESA_4 | 12/23/94 | <2 | – | – |
| MESA_4 | 12/29/94 | – | – | – |
| MESA_4 | 1/4/95 | <10 | – | – |
| MESA_4 | 2/28/95 | – | – | – |
| MESA_4 | 3/5/95 | – | – | – |
| MESA_4 | 11/6/95 | – | – | – |
| MESA_4 | 2/1/96 | – | – | – |

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

# MESA 5

| Sampling Station Identification No. | Date | Agency Collecting Sample | Agency Analyzing Sample | Drainage Area (acres) DA | Impervious Area (acres) IA | Land Use (%) LUR | LUC | LUI | LUN | Storm Duration (min.) DRN | Total Runoff (cu. ft.) RUN | Instantaneous Discharge (cfs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | Mesa | ATL | 113.1 | 58 | 100 | 0 | 0 | 0 | UA | UA | 18.79 |
| MESA_4 | 12/4/92 | Mesa | ATL | 113.1 | 58 | 100 | 0 | 0 | 0 | UA | UA | 12.42 |
| MESA_4 | 12/5/92 | Mesa | ATL | 113.1 | 58 | 100 | 0 | 0 | 0 | UA | UA | 13.53 |
| MESA_4 | 12/8/92 | Mesa | ATL | 113.1 | 58 | 100 | 0 | 0 | 0 | UA | UA | UA |
| MESA_4 | 12/9/92 | Mesa | ATL | 113.1 | 58 | 100 | 0 | 0 | 0 | UA | UA | UA |
| MESA_4 | 1/6/93 | Mesa | ATL | 113.1 | 58 | 100 | 0 | 0 | 0 | UA | UA | 5.39 |
| MESA_4 | 2/8/93 | Mesa | ATL | 113.1 | 58 | 100 | 0 | 0 | 0 | UA | UA | 55.43 |
| MESA_4 | 2/10/93 | Mesa | ATL | 113.1 | 58 | 100 | 0 | 0 | 0 | UA | UA | UA |
| MESA_4 | 8/24/93 | FCD | WTI | 113.1 | 58 | 100 | 0 | 0 | 0 | UA | UA | UA |
| MESA_4 | 10/6/93 | FCD | WTI | 113.1 | 58 | 100 | 0 | 0 | 0 | 110 | 157,120 | 74.27 |
| MESA_4 | 2/7/94 | FCD | WTI | 113.1 | 58 | 100 | 0 | 0 | 0 | 202 | 32,000 | 4.90 |
| MESA_4 | 3/7/94 | FCD | WTI | 113.1 | 58 | 100 | 0 | 0 | 0 | 1180 | 22,160 | 2.51 |
| MESA_4 | 3/25/94 | FCD | WTI | 113.1 | 58 | 100 | 0 | 0 | 0 | 188 | 38,120 | 9.76 |
| MESA_4 | 4/26/94 | FCD | WTI | 113.1 | 58 | 100 | 0 | 0 | 0 | 164 | 61,950 | 16.12 |
| MESA_4 | 5/25/94 | FCD | WTI | 113.1 | 58 | 100 | 0 | 0 | 0 | UA | UA | UA |
| MESA_4 | 7/19/94 | FCD | WTI | 113.1 | 58 | 100 | 0 | 0 | 0 | 154 | 13,700 | 4.79 |
| MESA_4 | 8/8/94 | FCD | WTI | 113.1 | 58 | 100 | 0 | 0 | 0 | 118 | 44,050 | 22.51 |
| MESA_4 | 10/15/94 | FCD | WTI | 113.1 | 58 | 100 | 0 | 0 | 0 | UA | UA | UA |
| MESA_4 | 12/5/94 | FCD | WTI | 113.1 | 58 | 100 | 0 | 0 | 0 | 696 | 28,617 | 2.86 |
| MESA_4 | 12/23/94 | FCD | WTI | 113.1 | 58 | 100 | 0 | 0 | 0 | 544 | 29,701 | 3.31 |
| MESA_4 | 12/29/94 | FCD | WTI | 113.1 | 58 | 100 | 0 | 0 | 0 | 74 | 6,954 | 3.29 |
| MESA_4 | 1/4/95 | FCD | WTI | 113.1 | 58 | 100 | 0 | 0 | 0 | 640 | 15,702 | 1.26 |
| MESA_4 | 2/28/95 | FCD | WTI | 113.1 | 58 | 100 | 0 | 0 | 0 | 408 | 95,467 | 50.20 |
| MESA_4 | 3/5/95 | FCD | WTI | 113.1 | 58 | 100 | 0 | 0 | 0 | 172 | 507,600 | 70.23 |
| MESA_4 | 11/6/95 | FCD | WESTECH | 113.1 | 58 | 100 | 0 | 0 | 0 | 328 | 36,555 | 5.49 |
| MESA_4 | 2/1/96 | FCD | DEL MAR | 113.1 | 58 | 100 | 0 | 0 | 0 | 1264 | 52,710 | 9.22 |

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

## Physical Properties

| Sampling Station Identification No. | Date | Preceding Dry Period (days) ANT | Total Rainfall (in.) TRN | Maximum 5-minute Rain Intensity MAX5 | Sample Temp. (deg C) | Effluent Temp. (deg C) | Ambient Temp. (deg C) | Barometric Pressure (mm og Hg) | pH Effluent (Standard Units) | pH LAB Sample (Standard Units) | Specific Conductance FIELD (us/cm) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | UD | UA | UA | NM | NM | NM | NM | NM | 6.4 | – |
| MESA_4 | 12/4/92 | 37 | UA | UA | NM | NM | NM | NM | NM | 6.5 | – |
| MESA_4 | 12/5/92 | 1 | UA | UA | NM | NM | NM | NM | NM | 6.6 | – |
| MESA_4 | 12/8/92 | 3 | UA | UA | NM | NM | NM | NM | NM | 6.9 | – |
| MESA_4 | 12/9/92 | 1 | UA | UA | NM | NM | NM | NM | NM | 6.7 | – |
| MESA_4 | 1/6/93 | 28 | UA | UA | NM | NM | NM | NM | NM | 7.1 | – |
| MESA_4 | 2/8/93 | 33 | UA | UA | NM | NM | NM | NM | NM | 6.5 | – |
| MESA_4 | 2/10/93 | 2 | UA | UA | NM | NM | NM | NM | NM | 6.8 | – |
| MESA_4 | 8/24/93 | 195 | UA | UA | NM | NM | NM | NM | NM | 7.61 | – |
| MESA_4 | 10/6/93 | 43 | 0.72 | UA | NM | NM | NM | NM | NM | 8.04 | – |
| MESA_4 | 2/7/94 | 13 | 0.21 | 0.24 | NM | NM | NM | NM | NM | 7.54 | – |
| MESA_4 | 3/7/94 | 28 | 0.21 | 0.24 | NM | NM | NM | NM | NM | 7.54 | – |
| MESA_4 | 3/25/94 | 18 | 0.28 | 0.60 | NM | NM | NM | NM | NM | 7.54 | – |
| MESA_4 | 4/26/94 | 32 | 0.46 | 0.72 | NM | NM | NM | NM | NM | 7.63 | – |
| MESA_4 | 5/25/94 | 29 | UA | UA | NM | NM | NM | NM | NM | – | – |
| MESA_4 | 7/19/94 | 55 | 0.10 | 0.84 | NM | NM | NM | NM | NM | – | – |
| MESA_4 | 8/8/94 | 20 | 0.20 | 2.10 | NM | NM | NM | NM | NM | 7.49 | – |
| MESA_4 | 10/15/94 | 68 | UA | UA | NM | NM | NM | NM | NM | 7.9 | – |
| MESA_4 | 12/5/94 | 51 | 0.42 | 0.24 | NM | NM | NM | NM | NM | 7.42 | – |
| MESA_4 | 12/23/94 | 18 | 0.36 | 0.36 | NM | NM | NM | NM | NM | 7.37 | – |
| MESA_4 | 12/29/94 | 6 | 0.09 | 0.84 | NM | NM | NM | NM | NM | 7.49 | – |
| MESA_4 | 1/4/95 | 6 | 0.23 | 0.24 | NM | NM | NM | NM | NM | 7.37 | – |
| MESA_4 | 2/28/95 | 55 | 0.11 | 0.36 | NM | NM | NM | NM | NM | 7.61 | – |
| MESA_4 | 3/5/95 | 5 | 0.11 | 0.24 | NM | NM | NM | NM | NM | 7.38 | – |
| MESA_4 | 11/6/95 | 5 | 0.38 | 0.36 | NM | NM | NM | NM | NM | 7.26 | – |
| MESA_4 | 2/1/96 | 86 | 0.49 | 0.60 | NM | NM | NM | NM | NM | 7.4 | – |

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

## Inorganic Chemistry
## Nonmetals

| Sampling Station Identification No. | Date | Specific Conductance LAB (us/cm) | Oxygen Dissolved (% saturation) | Oxygen Dissolved (mg/l) | Electrical Conductivity (umhos/cm) | BOD5 (mg/l) | COD High Level (mg/l) | Chloride (mg/l as Cl) | Cyanide Total (mg/l as Cn) | Fecal Coliform (Col/100mL) |
|---|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | – | – | – | – | 13 | 100 | – | <0.01 | 16000 |
| MESA_4 | 12/4/92 | – | – | – | – | 8 | 51 | – | <0.01 | 5000 |
| MESA_4 | 12/5/92 | – | – | – | – | 6 | 47 | – | <0.01 | 9000 |
| MESA_4 | 12/8/92 | – | – | – | – | 7 | 40 | – | <0.01 | 2400 |
| MESA_4 | 12/9/92 | – | – | – | – | 5 | 26 | – | <0.01 | 1700 |
| MESA_4 | 1/6/93 | – | – | – | – | 7 | 71 | – | <0.01 | 250 |
| MESA_4 | 2/8/93 | – | – | – | – | 8 | 89 | – | <0.01 | 2400 |
| MESA_4 | 2/10/93 | – | – | – | – | – | 85 | – | <0.01 | 500 |
| MESA_4 | 8/24/93 | – | – | – | – | 13 | – | – | – | >16 |
| MESA_4 | 10/6/93 | – | – | – | 82 | 16 | 70 | 4.2 | <0.01 | – |
| MESA_4 | 2/7/94 | – | – | – | – | 11 | 24 | 1.7 | <0.01 | 4000 |
| MESA_4 | 3/7/94 | – | – | – | – | 93 | 160 | 8.9 | <0.01 | 15 |
| MESA_4 | 3/25/94 | – | – | – | 73 | 190 | 110 | 4.4 | <0.01 | 180 |
| MESA_4 | 4/26/94 | – | – | – | 120 | 130 | 140 | 11 | <0.01 | 100000 |
| MESA_4 | 5/25/94 | – | – | – | – | 60 | – | – | – | 850000 |
| MESA_4 | 7/19/94 | – | – | – | – | 22 | – | – | – | – |
| MESA_4 | 8/8/94 | – | – | – | 120 | 35 | 120 | 6.7 | <0.01 | 43000 |
| MESA_4 | 10/15/94 | – | – | – | 75 | 23 | 35 | 3.3 | <0.01 | 2700 |
| MESA_4 | 12/5/94 | – | – | – | 79 | 55 | 60 | 4.1 | <0.01 | – |
| MESA_4 | 12/23/94 | – | – | – | 81 | 65 | 72 | 3 | <0.01 | 100 |
| MESA_4 | 12/29/94 | – | – | – | – | 31 | 140 | – | <0.01 | – |
| MESA_4 | 1/4/95 | – | – | – | 130 | 31 | 86 | 18 | <0.01 | 4 |
| MESA_4 | 2/28/95 | – | – | – | 110 | 60 | 110 | 4.6 | <0.01 | 1 |
| MESA_4 | 3/5/95 | – | – | – | 41 | 8 | 32 | 2 | <0.01 | 45 |
| MESA_4 | 11/6/95 | – | – | – | 89 | 17 | 33 | 7 | <0.01 | – |
| MESA_4 | 2/1/96 | 1200 | – | 5.1 | – | 80 | 140 | 6.6 | <0.025 | >16000 |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondical Count

| Sampling Station Identification No. | Date | Fecal Streptococci (Col/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) | Nitrogen Nitrate Total (mg/l as N) | Nitrogen Nitrite Total (mg/l as N) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | 30000 | 81 | 110 | 0.5 | 2 | 0.9 | -- | -- |
| MESA_4 | 12/4/92 | 22000 | 56 | 20 | 0.32 | 1.3 | 0.8 | -- | -- |
| MESA_4 | 12/5/92 | 17000 | 77 | 17 | 0.21 | 1.1 | 0.6 | -- | -- |
| MESA_4 | 12/8/92 | 30000 | 160 | 20 | 0.45 | 2.4 | 0.5 | -- | -- |
| MESA_4 | 12/9/92 | 5000 | 88 | 10 | 0.21 | 1 | 0.2 | -- | -- |
| MESA_4 | 1/6/93 | 9000 | 73 | 49 | 0.54 | 1.1 | 0.4 | -- | -- |
| MESA_4 | 2/8/93 | 11000 | 65 | 28 | 0.75 | 1.4 | 0.8 | -- | -- |
| MESA_4 | 2/10/93 | 1100 | 39 | 6 | -- | 0.6 | 0.2 | -- | -- |
| MESA_4 | 8/24/93 | >16 | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 10/6/93 | -- | 92 | 120 | 0.58 | 2.6 | -- | -- | -- |
| MESA_4 | 2/7/94 | 70 | 47 | 32 | <0.5 | 1.8 | 1.8 | -- | -- |
| MESA_4 | 3/7/94 | 3.3 | 140 | 140 | 1.6 | 3.3 | 3.3 | -- | -- |
| MESA_4 | 3/25/94 | 110 | 58 | 82 | <0.50 | 2 | 2 | <0.50 | <0.05 |
| MESA_4 | 4/26/94 | 17000 | 110 | 110 | 0.83 | 1.7 | 1.7 | -- | -- |
| MESA_4 | 5/25/94 | 140000 | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 7/19/94 | -- | -- | -- | -- | 3.5 | 1.4 | -- | -- |
| MESA_4 | 8/8/94 | 81 | 110 | 36 | 1.2 | 3.8 | 1.4 | -- | -- |
| MESA_4 | 10/15/94 | 200 | 150 | 160 | <0.50 | 1.6 | 1.6 | -- | -- |
| MESA_4 | 12/5/94 | -- | 52 | 25 | <0.50 | 0.8 | 0.8 | -- | -- |
| MESA_4 | 12/23/94 | 50 | 110 | 19 | 0.55 | 1.8 | 1.8 | -- | -- |
| MESA_4 | 12/29/94 | -- | 96 | 110 | 1 | 0.7 | 0.7 | -- | -- |
| MESA_4 | 1/4/95 | 1 | 110 | 27 | 0.68 | 1.4 | 1.4 | -- | -- |
| MESA_4 | 2/28/95 | 640 | 120 | 15 | 1.8 | 2.5 | 2.5 | -- | -- |
| MESA_4 | 3/5/95 | 100 | 28 | 51 | <0.50 | 1.1 | 1.1 | -- | -- |
| MESA_4 | 11/6/95 | -- | 86 | 38 | 0.59 | 0.4 | 0.5 | 0.59 | <0.05 |
| MESA_4 | 2/1/96 | >16000 | 130 | 77 | 0.81 | 4.5 | 4.3 | 0.81 | <0.15 |

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

| Sampling Station Identification No. | Date | Nitrogen Ammonia Total (mg/l as N) | Nitrogen Organic Total (mg/l as N) | Phosphorous Total (mg/l as P) | Phosphorous Dissolved (mg/l as P) | Phosphorus Ortho Total (mg/l as P) | Sulfate Dissolved (mg/l) | Hexavalent Chromium Total (mg/l) | Phenols Total Recoverable (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | -- | -- | -- | 0.29 | -- | -- | -- | <5 |
| MESA_4 | 12/4/92 | -- | -- | 0.21 | -- | -- | -- | -- | <5 |
| MESA_4 | 12/5/92 | -- | -- | 0.22 | -- | -- | -- | -- | <5 |
| MESA_4 | 12/8/92 | -- | -- | 0.16 | -- | -- | -- | -- | <5 |
| MESA_4 | 12/9/92 | -- | -- | 0.094 | -- | -- | -- | -- | <5 |
| MESA_4 | 1/6/93 | -- | -- | 0.13 | -- | -- | -- | -- | 5 |
| MESA_4 | 2/8/93 | -- | -- | 0.16 | 0.0112 | -- | -- | -- | <5 |
| MESA_4 | 2/10/93 | -- | -- | 0.088 | 0.064 | -- | -- | -- | 53 |
| MESA_4 | 8/24/93 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 10/6/93 | -- | -- | 0.34 | 0.26 | -- | -- | -- | <10 |
| MESA_4 | 2/7/94 | -- | -- | 0.3 | 0.21 | -- | -- | -- | -- |
| MESA_4 | 3/7/94 | -- | -- | 0.45 | 0.28 | -- | -- | -- | -- |
| MESA_4 | 3/25/94 | 1 | -- | 0.37 | 0.17 | -- | 5.5 | -- | <10 |
| MESA_4 | 4/26/94 | -- | -- | 0.61 | 0.25 | -- | 10.4 | -- | 20 |
| MESA_4 | 5/25/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 7/19/94 | -- | -- | 0.76 | -- | -- | -- | -- | -- |
| MESA_4 | 8/8/94 | -- | -- | 0.46 | 0.33 | -- | 9.1 | -- | <10 |
| MESA_4 | 10/15/94 | -- | -- | 0.25 | <0.10 | -- | 5.7 | -- | -- |
| MESA_4 | 12/5/94 | -- | -- | 0.27 | 0.2 | -- | 7.5 | -- | <10 |
| MESA_4 | 12/23/94 | -- | -- | 0.66 | 0.63 | -- | 8.6 | -- | <10 |
| MESA_4 | 12/29/94 | -- | -- | 0.31 | 0.12 | -- | 18 | -- | -- |
| MESA_4 | 1/4/95 | -- | -- | 0.23 | 0.12 | -- | 11 | -- | <10 |
| MESA_4 | 2/28/95 | -- | -- | 0.59 | 0.31 | -- | 11 | -- | -- |
| MESA_4 | 3/5/95 | -- | -- | 0.18 | 0.11 | -- | 6 | -- | <10 |
| MESA_4 | 11/6/95 | 0.5 | <0.1 | <0.10 | <0.10 | -- | 8.3 | -- | 10 |
| MESA_4 | 2/1/96 | 1.1 | 3.2 | 0.26 | 0.26 | -- | 6.2 | <0.025 | -- |

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

| Sampling Station Identification No. | Date | Oil and Grease Total Recoverable (mg/l) | Organic Carbon, Total (mg/l) | Bicarbonate Whole Field (mg/l as HCO3) | Bicarbonate Dissolved Field (mg/l as HCO3) | Carbonate Water Field (mg/l as CO3) | Carbonate Water Dissolved Field (mg/l as CO3) | Alkalinity Water Field Total (mg/l as CaCO3) | Alkalinity Dissolved Water Field Total (mg/l as CaCO3) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <5.0 | – | – | – | – | – | – | – |
| MESA_4 | 12/4/92 | <5.0 | – | – | – | – | – | – | – |
| MESA_4 | 12/5/92 | <5.0 | – | – | – | – | – | – | – |
| MESA_4 | 12/8/92 | <5.0 | – | – | – | – | – | – | – |
| MESA_4 | 12/9/92 | <5.0 | – | – | – | – | – | – | – |
| MESA_4 | 1/6/93 | <5.0 | – | – | – | – | – | – | – |
| MESA_4 | 2/8/93 | <5.0 | – | – | – | – | – | – | – |
| MESA_4 | 2/10/93 | <5.0 | – | – | – | – | – | – | – |
| MESA_4 | 8/24/93 | **5** | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | **6** | – | – | – | – | – | – | – |
| MESA_4 | 2/7/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_4 | 3/7/94 | **5** | – | – | – | – | – | – | – |
| MESA_4 | 3/25/94 | **33** | – | – | – | – | – | – | – |
| MESA_4 | 4/26/94 | **14** | – | – | – | – | – | – | – |
| MESA_4 | 5/25/94 | **1.7** | – | – | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | <5.0 | – | – | – | – | – | – | – |
| MESA_4 | 10/15/94 | **6** | – | – | – | – | – | – | – |
| MESA_4 | 12/5/94 | **5.1** | – | – | – | – | – | – | – |
| MESA_4 | 12/23/94 | **790** | – | – | – | – | – | – | – |
| MESA_4 | 12/29/94 | **830** | – | – | – | – | – | – | – |
| MESA_4 | 1/4/95 | **5.4** | – | – | – | – | – | – | – |
| MESA_4 | 2/28/95 | **2** | – | – | – | – | – | – | – |
| MESA_4 | 3/5/95 | **16** | – | – | – | – | – | – | – |
| MESA_4 | 11/6/95 | **6.9** | – | – | – | – | – | – | – |
| MESA_4 | 2/1/96 | **5.7** | – | – | – | – | – | – | – |

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

## Inorganic Chemistry
## Total and Dissolved Metals

| Sampling Station Identification No. | Date | Alkalinity LAB (mg/l as CaCO3) | Silica Dissolved (mg/l as SiO2) | Hardness (mg/l) | Antimony (mg/l as Sb) | Antimony Dissolved (mg/l as Sb) | Arsenic Total (mg/l as As) | Arsenic Dissolved (mg/l as As) | Barium Dissolved (ug/l as Ba) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | – | – | – | <20 | – | <20 | – | – |
| MESA_4 | 12/4/92 | – | – | – | <20 | – | <20 | – | – |
| MESA_4 | 12/5/92 | – | – | – | <20 | – | <20 | – | – |
| MESA_4 | 12/8/92 | – | – | – | <20 | – | <20 | – | – |
| MESA_4 | 12/9/92 | – | – | – | <20 | – | <20 | – | – |
| MESA_4 | 1/6/93 | – | – | – | <20 | – | <20 | – | – |
| MESA_4 | 2/8/93 | – | – | – | <20 | – | <20 | – | – |
| MESA_4 | 2/10/93 | – | – | – | <20 | – | <20 | – | – |
| MESA_4 | 8/24/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | – | – | – | – | – | <50 | – | – |
| MESA_4 | 2/7/94 | – | – | – | – | – | <50 | – | – |
| MESA_4 | 3/7/94 | – | – | – | – | – | <50 | – | – |
| MESA_4 | 3/25/94 | – | – | – | – | – | <50 | <5 | – |
| MESA_4 | 4/26/94 | – | – | – | – | – | <50 | <5 | – |
| MESA_4 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | – | – | – | – | – | <50 | <5 | – |
| MESA_4 | 10/15/94 | – | – | – | – | – | <50 | <5 | – |
| MESA_4 | 12/5/94 | – | – | – | – | – | <50 | <5 | – |
| MESA_4 | 12/23/94 | – | – | – | – | – | <50 | <5 | – |
| MESA_4 | 12/29/94 | – | – | – | – | – | <50 | <5 | – |
| MESA_4 | 1/4/95 | – | – | – | – | – | <50 | <5 | – |
| MESA_4 | 2/28/95 | – | – | – | – | – | <50 | <5 | – |
| MESA_4 | 3/5/95 | – | – | – | – | – | <50 | <5 | – |
| MESA_4 | 11/6/95 | – | – | – | – | – | <30 | <30 | – |
| MESA_4 | 2/1/96 | **32** | – | **52** | <50 | <50 | <10 | <10 | – |

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

| Sampling Station Identification No. | Date | Beryllium Total Recoverable (mg/l as Be) | Beryllium Dissolved (mg/l as Be) | Cadmium Total Recoverable (mg/l as Cd) | Cadmium Dissolved (mg/l as Cd) | Calcium Dissolved (mg/l as Ca) | Chromium Total Recoverable (mg/l as Cr) | Chromium Dissolved (mg/l as Cr) | Cobalt Dissolved (ug/l as Co) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_4 | 12/4/92 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_4 | 12/5/92 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_4 | 12/8/92 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_4 | 12/9/92 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_4 | 1/6/93 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_4 | 2/8/93 | <10 | – | <5 | – | – | **52** | – | – |
| MESA_4 | 2/10/93 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_4 | 8/24/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | <50 | – | <50 | <0.5 | – | <50 | <5 | – |
| MESA_4 | 2/7/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_4 | 3/7/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_4 | 3/25/94 | – | – | <40 | <0.5 | – | **250** | <5 | – |
| MESA_4 | 4/26/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_4 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_4 | 10/15/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_4 | 12/5/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_4 | 12/23/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_4 | 12/29/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_4 | 1/4/95 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_4 | 2/28/95 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_4 | 3/5/95 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_4 | 11/6/95 | – | – | 3 | <3 | – | **4** | **2** | – |
| MESA_4 | 2/1/96 | <5 | <4 | <5 | <5 | – | <5 | <5 | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondeal Count

| Sampling Station Identification No. | Date | Copper Total Recoverable (mg/l as Cu) | Copper Dissolved (mg/l as Cu) | Iron Dissolved (ug/l as Fe) | Lead Total Recoverable (mg/l as Pb) | Lead Dissolved (mg/l as Pb) | Lithium Dissolved (ug/l as Li) | Magnesium Dissolved (mg/l as Mg) | Manganese Dissolved (ug/l as Mn) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <50 | – | – | <20 | – | – | – | – |
| MESA_4 | 12/4/92 | <50 | – | – | <20 | – | – | – | – |
| MESA_4 | 12/5/92 | <50 | – | – | <20 | – | – | – | – |
| MESA_4 | 12/8/92 | <50 | – | – | <20 | – | – | – | – |
| MESA_4 | 12/9/92 | <50 | – | – | <20 | – | – | – | – |
| MESA_4 | 1/6/93 | <50 | – | – | <20 | – | – | – | – |
| MESA_4 | 2/8/93 | <50 | – | – | <20 | – | – | – | – |
| MESA_4 | 2/10/93 | <50 | – | – | <20 | – | – | – | – |
| MESA_4 | 8/24/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | **850** | <50 | – | **70** | <5 | – | – | – |
| MESA_4 | 2/7/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_4 | 3/7/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_4 | 3/25/94 | **60** | <50 | – | <50 | <5 | – | – | – |
| MESA_4 | 4/26/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_4 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_4 | 10/15/94 | **70** | <50 | – | <50 | <5 | – | – | – |
| MESA_4 | 12/5/94 | <50 | <50 | – | <50 | **10** | – | – | – |
| MESA_4 | 12/23/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_4 | 12/29/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_4 | 1/4/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_4 | 2/28/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_4 | 3/5/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_4 | 11/6/95 | <50 | <50 | – | <23 | <23 | – | – | – |
| MESA_4 | 2/1/96 | <50 | <50 | – | **26** | <5 | – | – | – |

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

| Sampling Station Identification No. | Date | Mercury Total Recoverable (ug/l as Hg) | Mercury Dissolved (mg/l as Hg) | Molybdenum Dissolved (ug/l as Mo) | Nickel Total Recoverable (mg/l as Ni) | Nickel Dissolved (mg/l as Ni) | Potassium Dissolved (mg/l as K) | Selenium Total (mg/l as Se) | Selenium Dissolved (mg/l as Se) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_4 | 12/4/92 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_4 | 12/5/92 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_4 | 12/8/92 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_4 | 12/9/92 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_4 | 1/6/93 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_4 | 2/8/93 | <1.0 | – | – | 60 | – | – | <5 | – |
| MESA_4 | 2/10/93 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_4 | 8/24/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | <1.0 | – | – | <50 | – | – | <50 | – |
| MESA_4 | 2/7/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_4 | 3/7/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_4 | 3/25/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_4 | 4/26/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_4 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_4 | 10/15/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_4 | 12/5/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_4 | 12/23/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_4 | 12/29/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_4 | 1/4/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_4 | 2/28/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_4 | 3/5/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_4 | 11/6/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_4 | 2/1/96 | <0.2 | <0.2 | – | <50 | <50 | – | <20 | <20 |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondetect Count

| Sampling Station Identification No. | Date | Silver Total Recoverable (mg/l as Ag) | Silver Dissolved (mg/l as Ag) | Sodium Dissolved (mg/l as Na) | Strontium Dissolved (ug/l as Sr) | Thallium Total (mg/l as Tl) | Thallium Dissolved (mg/l as Tl) | Vanadium Dissolved (ug/l as V) | Zinc Total Recoverable (mg/l as Zn) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_4 | 12/4/92 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_4 | 12/5/92 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_4 | 12/8/92 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_4 | 12/9/92 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_4 | 1/6/93 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_4 | 2/8/93 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_4 | 2/10/93 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_4 | 8/24/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | <50 | – | – | – | <50 | – | – | 160 |
| MESA_4 | 2/7/94 | – | – | – | – | – | – | – | <50 |
| MESA_4 | 3/7/94 | – | – | – | – | – | – | – | 160 |
| MESA_4 | 3/25/94 | – | – | – | – | – | – | – | 130 |
| MESA_4 | 4/26/94 | – | – | – | – | – | – | – | 140 |
| MESA_4 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | – | – | – | – | – | – | – | 80 |
| MESA_4 | 10/15/94 | – | – | – | – | – | – | – | 200 |
| MESA_4 | 12/5/94 | – | – | – | – | – | – | – | 110 |
| MESA_4 | 12/23/94 | – | – | – | – | – | – | – | <50 |
| MESA_4 | 12/29/94 | – | – | – | – | – | – | – | 80 |
| MESA_4 | 1/4/95 | – | – | – | – | – | – | – | 50 |
| MESA_4 | 2/28/95 | – | – | – | – | – | – | – | 60 |
| MESA_4 | 3/5/95 | – | – | – | – | – | – | – | <50 |
| MESA_4 | 11/6/95 | – | – | – | – | – | – | – | 150 |
| MESA_4 | 2/1/96 | <10 | <10 | – | – | <2 | <2 | – | 190 |

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

## EPA Method 608
## Organochlorine Pesticides and PCB's

| Sampling Station Identification No. | Date | Zinc Dissolved (mg/l as Zn) | Aldrin Total (ug/l) | BHC - ALPHA (ug/l) | 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) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_4 | 12/4/92 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_4 | 12/5/92 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_4 | 12/8/92 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_4 | 12/9/92 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_4 | 1/6/93 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_4 | 2/8/93 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_4 | 2/10/93 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_4 | 8/24/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | <50 | <1.0 | <0.6 | <0.5 | <0.2 | <2.0 | <50.0 | <10.0 |
| MESA_4 | 2/7/94 | <50 | <1.0 | <0.6 | <0.5 | <0.2 | <2.0 | <50.0 | <10.0 |
| MESA_4 | 3/7/94 | <50 | – | – | – | – | – | – | – |
| MESA_4 | 3/25/94 | <50 | **33** | – | – | – | – | – | – |
| MESA_4 | 4/26/94 | <50 | **14** | <1.0 | <0.6 | <0.5 | <0.2 | <2.0 | <50.0 |
| MESA_4 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | <50 | <10 | <6.0 | <5.0 | <2.0 | <20 | <500 | <100 |
| MESA_4 | 10/15/94 | <50 | – | – | – | – | – | – | – |
| MESA_4 | 12/5/94 | <50 | <0.10 | <0.050 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_4 | 12/23/94 | <50 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 |
| MESA_4 | 12/29/94 | <50 | – | – | – | – | – | – | – |
| MESA_4 | 1/4/95 | <50 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | <0.1 | <0.1 |
| MESA_4 | 2/28/95 | <50 | <0.11 | <0.055 | <0.055 | <0.44 | <1.1 | <1.1 | <1.1 |
| MESA_4 | 3/5/95 | <50 | <0.11 | <0.055 | <0.055 | <0.44 | <1.1 | <1.1 | <1.1 |
| MESA_4 | 11/6/95 | **130** | <1.0 | <0.6 | <0.5 | <0.2 | <2.0 | <50 | <10 |
| MESA_4 | 2/1/96 | **76** | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | Aroclor 1242 PCB Total (ug/l) | Aroclor 1248 PCB Total (ug/l) | Aroclor 1254 PCB Total (ug/l) | 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) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_4 | 12/4/92 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_4 | 12/5/92 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_4 | 12/8/92 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_4 | 12/9/92 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_4 | 1/6/93 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_4 | 2/8/93 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_4 | 2/10/93 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_4 | 8/24/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 |
| MESA_4 | 2/7/94 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 |
| MESA_4 | 3/7/94 | – | – | – | – | – | – | <0.1 | – |
| MESA_4 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 4/26/94 | <10.0 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | – | – |
| MESA_4 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | <60 | <20 | <20 | <20 | <15 | <10 | <10 | <10 |
| MESA_4 | 10/15/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 12/5/94 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.050 | <0.10 |
| MESA_4 | 12/23/94 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.02 | <0.02 |
| MESA_4 | 12/29/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 1/4/95 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.05 | <0.05 | <0.05 |
| MESA_4 | 2/28/95 | <1.1 | <1.1 | <1.1 | <1.1 | <0.17 | <0.11 | <0.055 | <0.11 |
| MESA_4 | 3/5/95 | <1.1 | <1.1 | <1.1 | <1.1 | <0.17 | <0.11 | <0.055 | <0.11 |
| MESA_4 | 11/6/95 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 |
| MESA_4 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | Dieldrin Total (ug/l) | Endo-Sulfan Alpha Total (ug/l) | Endo-Sulfan Beta Total (ug/l) | Endo-Sulfan Sulfate Total (ug/l) | Endrin Aldehyde Total (ug/l) | Endrin Total (ug/l) | Heptachlor Total (ug/l) | Heptachlor Epoxide Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_4 | 12/4/92 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_4 | 12/5/92 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_4 | 12/8/92 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_4 | 12/9/92 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_4 | 1/6/93 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_4 | 2/8/93 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_4 | 2/10/93 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_4 | 8/24/93 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 10/6/93 | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 |
| MESA_4 | 2/7/94 | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 |
| MESA_4 | 3/7/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 3/25/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 4/26/94 | -- | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 |
| MESA_4 | 5/25/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 7/19/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 8/8/94 | <5.0 | <4.0 | <10 | <40 | <60 | <15 | <5.0 | <5.0 |
| MESA_4 | 10/15/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 12/5/94 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_4 | 12/23/94 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.02 | <0.02 | <0.02 |
| MESA_4 | 12/29/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_4 | 1/4/95 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | <0.05 | <0.05 | <0.05 |
| MESA_4 | 2/28/95 | <0.11 | <0.17 | <0.11 | <0.83 | <0.28 | <0.11 | <0.11 | <0.11 |
| MESA_4 | 3/5/95 | <0.11 | <0.17 | <0.11 | <0.83 | <0.28 | <0.11 | <0.11 | <0.11 |
| MESA_4 | 11/6/95 | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 |
| MESA_4 | 2/1/96 | -- | -- | -- | -- | -- | -- | -- | -- |

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

## EPA Method: 624
## Purgeables

| Sampling Station Identification No. | Date | Toxaphene Total (ug/l) | Methoxychlor Total (ug/l) | Beta Benzene Hexachloride Total (ug/l) | 1,1,2,2-Tetra-Chloroethane Total (ug/l) | 1,1,1,2-Tetra Chloroethane Total (ug/l) | Tetra-chloroethene PCE (ug/l) | 1,1,1-Tri-Chloroethane Total (ug/l) | 1,1,2-Tri-Chloroethane Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_4 | 10/28/92 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_4 | 12/4/92 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_4 | 12/5/92 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_4 | 12/8/92 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_4 | 12/9/92 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_4 | 1/6/93 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_4 | 2/8/93 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_4 | 2/10/93 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_4 | 8/24/93 | – | – | – | – | – | – | – | – |
| MESA_4 | 10/6/93 | <2.5 | – | – | – | – | – | – | – |
| MESA_4 | 2/7/94 | <2.5 | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_4 | 3/7/94 | – | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_4 | 3/25/94 | – | – | – | – | – | <2.0 | <2.0 | <2.0 |
| MESA_4 | 4/26/94 | <0.5 | – | – | <2.5 | – | <2.0 | <2.0 | <2.0 |
| MESA_4 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_4 | 8/8/94 | <25 | – | – | <4.0 | – | <4.0 | <4.0 | <4.0 |
| MESA_4 | 10/15/94 | – | – | – | <2 | – | <2 | <2 | <2 |
| MESA_4 | 12/5/94 | <0.50 | – | – | <2.0 | – | <2.0 | 3.5 | <2.0 |
| MESA_4 | 12/23/94 | <0.05 | – | – | <0.5 | – | <0.5 | <0.5 | <0.5 |
| MESA_4 | 12/29/94 | – | – | – | <2.0 | – | <2.0 | <2.0 | <4.0 |
| MESA_4 | 1/4/95 | <0.1 | – | – | <0.5 | – | <0.5 | <0.5 | <0.5 |
| MESA_4 | 2/28/95 | <0.55 | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_4 | 3/5/95 | <0.55 | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_4 | 11/6/95 | <2.5 | – | <0.3 | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_4 | 2/1/96 | – | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nominal Count

## EPA Method: 624
## Purgeables

| Sampling Station Identification No. | Date | Toxaphene Total (ug/l) | Methoxychlor Total (ug/l) | Beta Benzene Hexachloride Total (ug/l) | 1,1,2,2-Tetra-Chloroethane Total (ug/l) | 1,1,1,2-Tetra Chloroethane Total (ug/l) | Tetra-chloroethene PCE (ug/l) | 1,1,1-Tri-Chloroethane Total (ug/l) | 1,1,2-Tri-Chloroethane Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_3 | 12/4/92 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_3 | 12/8/92 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_3 | 1/7/93 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_3 | 2/8/93 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_3 | 8/24/93 | <2.5 | – | – | <2.0 | – | – | <2.0 | <2.0 |
| MESA_3 | 11/13/93 | <2.5 | – | – | <0.5 | – | <0.5 | <0.5 | <0.5 |
| MESA_3 | 1/25/94 | <2.5 | – | – | <5.0 | – | <5.0 | <5.0 | <5.0 |
| MESA_3 | 2/7/94 | <2.5 | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_3 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_3 | 7/17/94 | <2.5 | – | – | <10 | – | <10 | <10 | <10 |
| MESA_3 | 8/8/94 | <25 | – | – | <4.0 | – | <4.0 | <4.0 | <4.0 |
| MESA_3 | 9/2/94 | <2.5 | – | – | <100 | – | <100 | <100 | <100 |
| MESA_3 | 10/15/94 | <1 | – | – | <2 | – | <2 | <2 | <2 |
| MESA_3 | 11/12/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_3 | 12/5/94 | <0.5 | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_3 | 12/23/94 | <0.05 | – | – | <0.5 | – | <0.5 | <0.5 | <0.5 |
| MESA_3 | 1/4/95 | <0.50 | – | – | <0.5 | – | <0.5 | <0.5 | <0.5 |
| MESA_3 | 1/25/95 | <0.02 | – | – | <0.5 | – | <0.5 | <0.5 | <0.5 |
| MESA_3 | 2/13/95 | <0.50 | – | – | – | – | – | – | – |
| MESA_3 | 2/23/95 | <0.50 | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_3 | 2/28/95 | <0.50 | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_3 | 3/5/95 | <0.50 | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_3 | 3/11/95 | <0.50 | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_3 | 5/7/95 | <0.05 | <0.02 | – | <0.5 | – | 2.3 | <0.5 | <0.5 |
| MESA_3 | 7/11/95 | <0.50 | <10 | <0.050 | – | – | – | – | – |
| MESA_3 | 8/14/95 | <0.50 | <10 | <0.050 | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_3 | 8/19/95 | – | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_3 | 8/24/95 | <0.50 | <10 | <0.050 | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_3 | 9/7/95 | <0.50 | <10 | <0.050 | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_3 | 9/28/95 | <0.50 | <10 | <0.050 | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_3 | 11/1/95 | <2.5 | – | <0.3 | <10.0 | – | <10.0 | <10.0 | <10.0 |
| MESA_3 | 2/1/96 | – | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |

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

| Sampling Station Identification No. | Date | 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) | cis-1,3-Dichloro-propene (ug/l) | trans-1,2-Dichloroethene (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | – | <5.0 | <1.6 |
| MESA_3 | 12/4/92 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | – | <5.0 | <1.6 |
| MESA_3 | 12/8/92 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | – | <5.0 | <1.6 |
| MESA_3 | 1/7/93 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | – | <5.0 | <1.6 |
| MESA_3 | 2/8/93 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | – | <5.0 | <1.6 |
| MESA_3 | 8/24/93 | – | <2.0 | – | <2.0 | <2.0 | – | – | – |
| MESA_3 | 11/13/93 | <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 | <15.0 | <5.0 | <5.0 |
| MESA_3 | 2/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_3 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_3 | 7/17/94 | <10 | <10 | <10 | <10 | <10 | <25 | <10 | <10 |
| MESA_3 | 8/8/94 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <10. | <4.0 | <4.0 |
| MESA_3 | 9/2/94 | <100 | <100 | <100 | <100 | <100 | <250 | <100 | <100 |
| MESA_3 | 10/15/94 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| MESA_3 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_3 | 12/5/94 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_3 | 12/23/94 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | – | <0.5 | <0.5 |
| MESA_3 | 1/4/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | <0.5 | <0.5 |
| MESA_3 | 1/25/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | <0.5 | <0.5 |
| MESA_3 | 2/13/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 2/23/95 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_3 | 2/28/95 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_3 | 3/5/95 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_3 | 3/11/95 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_3 | 5/7/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | – | <0.5 | <0.5 |
| MESA_3 | 7/11/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 8/14/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_3 | 8/19/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_3 | 8/24/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_3 | 9/7/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_3 | 9/28/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_3 | 11/1/95 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <25.0 | <10.0 | <10.0 |
| MESA_3 | 2/1/96 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |

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

| Sampling Station Identification No. | Date | trans-1,3-Dichloropropene (ug/l) | Benzene Total (ug/l) | Bromodichloro-methane (ug/l) | Bromoform Total (ug/l) | Carbon-tetrachloride Total (ug/l) | Chlorobenzene Total (ug/l) | Chloroethane (ug/l) | Chloroform Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_3 | 12/4/92 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_3 | 12/8/92 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_3 | 1/7/93 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_3 | 2/8/93 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_3 | 8/24/93 | – | <5.0 | – | <5.0 | 2 | <2.0 | – | <2.0 |
| 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 | <10.0 | <10.0 | <5.0 |
| MESA_3 | 2/7/94 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_3 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_3 | 7/17/94 | <10 | <10 | <10 | <25 | <10 | <10 | <25 | <10 |
| MESA_3 | 8/8/94 | <4.0 | <4.0 | <4.0 | <10 | <4.0 | <4.0 | <10 | <4.0 |
| MESA_3 | 9/2/94 | <100 | <100 | <100 | <250 | <100 | <100 | <250 | <100 |
| MESA_3 | 10/15/94 | <2 | <2 | <2 | <2 | <2 | <2 | <5 | <2 |
| MESA_3 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_3 | 12/5/94 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_3 | 12/23/94 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | <0.5 |
| MESA_3 | 1/4/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 |
| MESA_3 | 1/25/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 |
| MESA_3 | 2/13/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 2/23/95 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_3 | 2/28/95 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_3 | 3/5/95 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_3 | 3/11/95 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_3 | 5/7/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 |
| MESA_3 | 7/11/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 8/14/95 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_3 | 8/19/95 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_3 | 8/24/95 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_3 | 9/7/95 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_3 | 9/28/95 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_3 | 11/1/95 | <10.0 | <10.0 | <10.0 | <25.0 | <10.0 | <10.0 | <25.0 | <10.0 |
| MESA_3 | 2/1/96 | <2.0 | <2.0 | <2.0 | <5.0 | <5.0 | <2.0 | <5.0 | <2.0 |

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

| Sampling Station Identification No. | Date | Ethyl-Benzene Total (ug/l) | Methylene Chloride Total (ug/l) | Toluene Total (ug/l) | Trichlorofluoromethane Total (ug/l) | Vinyl Chloride Total (ug/l) | Chloro-Di-Bromomethane Total (ug/l) | 4-Methyl 2- Pentanone MIBK Total (ug/l) | Acetone Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_3 | 12/4/92 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_3 | 12/8/92 | <7.2 | **1.9** | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_3 | 1/7/93 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_3 | 2/8/93 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_3 | 8/24/93 | <2.0 | <5.0 | <2.0 | – | <5.0 | – | – | – |
| MESA_3 | 11/13/93 | <0.5 | – | <0.5 | – | <0.5 | <0.5 | – | – |
| MESA_3 | 1/25/94 | <5.0 | <5.0 | <5.0 | – | <10.0 | <5.0 | – | – |
| MESA_3 | 2/7/94 | <2.0 | <5.0 | <2.0 | – | <5.0 | <2.0 | – | – |
| MESA_3 | 5/25/94 | – | <5.0 | <2.0 | – | – | – | – | – |
| MESA_3 | 7/17/94 | <10 | <25 | <10 | – | <25 | <10 | – | – |
| MESA_3 | 8/8/94 | <4.0 | <10 | <4.0 | – | <10 | <4.0 | – | – |
| MESA_3 | 9/2/94 | <100 | <250 | <100 | – | <250 | <100 | – | – |
| MESA_3 | 10/15/94 | <2 | <5 | <2 | – | <5 | <2 | – | – |
| MESA_3 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_3 | 12/5/94 | <2.0 | <10 | <2.0 | – | <5.0 | <2.0 | – | **37** |
| MESA_3 | 12/23/94 | <0.5 | <1 | <0.5 | – | <0.5 | <0.5 | – | – |
| MESA_3 | 1/4/95 | <0.5 | <1.0 | <0.5 | – | <0.5 | <0.5 | – | – |
| MESA_3 | 1/25/95 | <0.5 | <1.0 | <0.5 | – | <0.5 | <0.5 | – | – |
| MESA_3 | 2/13/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 2/23/95 | <2.0 | <10 | <2.0 | – | <5.0 | <2.0 | – | <10 |
| MESA_3 | 2/28/95 | <2.0 | <10 | <2.0 | – | <5.0 | <2.0 | – | **25** |
| MESA_3 | 3/5/95 | <2.0 | <10 | <2.0 | – | <5.0 | <2.0 | – | **10** |
| MESA_3 | 3/11/95 | <2.0 | <10 | <2.0 | – | <5.0 | <2.0 | – | **28** |
| MESA_3 | 5/7/95 | <0.5 | <1.0 | <0.5 | – | <0.5 | <0.5 | – | – |
| MESA_3 | 7/11/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 8/14/95 | <2.0 | <5.0 | <2.0 | <5.0 | <5.0 | <2.0 | – | – |
| MESA_3 | 8/19/95 | <2.0 | <5.0 | <2.0 | <5.0 | <5.0 | <2.0 | – | – |
| MESA_3 | 8/24/95 | <2.0 | <5.0 | <2.0 | <5.0 | <5.0 | <2.0 | – | – |
| MESA_3 | 9/7/95 | <2.0 | <5.0 | <2.0 | <5.0 | <5.0 | <2.0 | – | – |
| MESA_3 | 9/28/95 | <2.0 | <5.0 | <2.0 | <5.0 | <5.0 | <2.0 | – | – |
| MESA_3 | 11/1/95 | <10.0 | <25.0 | <10.0 | <25.0 | <25.0 | <10.0 | – | – |
| MESA_3 | 2/1/96 | <2.0 | <5.0 | <2.0 | <5.0 | <5.0 | <2.0 | – | **16** |

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

| Sampling Station Identification No. | Date | 2-Butanone Total (ug/l) | Carbon Disulfide Total (ug/l) | 1,2- Dichloroethene Total (ug/l) | Xylenes (ug/l) | 2-Hexanone Total (ug/l) | Styrene Total (ug/l) | Acrolein Total (ug/l) | Acrylonitirile Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_3 | 12/4/92 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_3 | 12/8/92 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_3 | 1/7/93 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_3 | 2/8/93 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_3 | 8/24/93 | – | – | – | – | – | – | <10.0 | <10.0 |
| MESA_3 | 11/13/93 | – | – | – | <0.5 | – | – | – | – |
| MESA_3 | 1/25/94 | – | – | – | <10.0 | – | – | <5.0 | <5.0 |
| MESA_3 | 2/7/94 | – | – | – | <2.0 | – | – | <10.0 | <10.0 |
| MESA_3 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_3 | 7/17/94 | – | – | – | <10 | – | – | <50 | <50 |
| MESA_3 | 8/8/94 | – | – | – | <4.0 | – | – | <20 | <20 |
| MESA_3 | 9/2/94 | – | – | – | <100 | – | – | <500 | <500 |
| MESA_3 | 10/15/94 | – | – | – | – | – | – | – | – |
| MESA_3 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_3 | 12/5/94 | 29 | <5.0 | – | <2.0 | <10 | <2.0 | – | – |
| MESA_3 | 12/23/94 | – | – | – | <1 | – | – | – | – |
| MESA_3 | 1/4/95 | – | – | – | <1.0 | – | – | <50 | <50 |
| MESA_3 | 1/25/95 | – | – | – | <1.0 | – | – | <50 | <50 |
| MESA_3 | 2/13/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 2/23/95 | <10 | <5.0 | – | <2.0 | <10 | <2.0 | – | – |
| MESA_3 | 2/28/95 | <10 | <5.0 | – | <2.0 | <10 | <2.0 | – | – |
| MESA_3 | 3/5/95 | <10 | <5.0 | – | <2.0 | <10 | <2.0 | – | – |
| MESA_3 | 3/11/95 | <10 | <5.0 | – | <2.0 | <10 | <2.0 | – | – |
| MESA_3 | 5/7/95 | – | – | – | <1.0 | – | – | – | – |
| MESA_3 | 7/11/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 8/14/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 8/19/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 8/24/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 9/7/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 9/28/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 11/1/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 2/1/96 | <10 | <5.0 | – | <2.0 | <10 | <2.0 | – | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondical Count

**EPA Method: 625**
**Base/Neutrals & Acids**

| Sampling Station Identification No. | Date | Bromobenzene Total (ug/l) | 1,3-Di Chloropropane Total (ug/l) | Methyl-Bromide (Bromomethane) Total (ug/l) | Methyl-Chloride (Chloromethane) Total (ug/l) | Parachlorotoluene Total (ug/l) | Dibromoethane Total (ug/l) | Acenaphthene Total (ug/l) | Acenaphthylene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_3 | 12/4/92 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_3 | 12/8/92 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_3 | 1/7/93 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_3 | 2/8/93 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_3 | 8/24/93 | – | – | – | – | – | – | <10.0 | <10.0 |
| MESA_3 | 11/13/93 | – | – | – | – | – | – | <10.0 | <10.0 |
| MESA_3 | 1/25/94 | – | – | – | – | – | – | <100.0 | <100.0 |
| MESA_3 | 2/7/94 | – | – | – | – | – | – | <20.0 | <20.0 |
| MESA_3 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_3 | 7/17/94 | – | – | – | – | – | – | <10 | <10 |
| MESA_3 | 8/8/94 | – | – | – | – | – | – | <20 | <20 |
| MESA_3 | 9/2/94 | – | – | – | – | – | – | <21 | <21 |
| MESA_3 | 10/15/94 | – | – | – | – | – | – | <10 | <10 |
| MESA_3 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_3 | 12/5/94 | – | – | – | – | – | – | <10 | <10 |
| MESA_3 | 12/23/94 | – | – | – | – | – | – | <10 | <10 |
| MESA_3 | 1/4/95 | – | – | – | – | – | – | <2 | <2 |
| MESA_3 | 1/25/95 | – | – | – | – | – | – | <2 | <2 |
| MESA_3 | 2/13/95 | – | – | – | – | – | – | <11 | <11 |
| MESA_3 | 2/23/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 3/5/95 | – | – | – | – | – | – | <10 | <10 |
| MESA_3 | 3/11/95 | – | – | – | – | – | – | <10 | <10 |
| MESA_3 | 5/7/95 | – | – | – | – | – | – | <2 | <2 |
| MESA_3 | 7/11/95 | – | – | – | – | – | – | <10 | <10 |
| MESA_3 | 8/14/95 | – | – | <5.0 | <5.0 | – | – | <10 | <10 |
| MESA_3 | 8/19/95 | – | – | <5.0 | <5.0 | – | – | <10 | <10 |
| MESA_3 | 8/24/95 | – | – | <5.0 | <5.0 | – | – | <10 | <10 |
| MESA_3 | 9/7/95 | – | – | <5.0 | <5.0 | – | – | <10 | <10 |
| MESA_3 | 9/28/95 | – | – | <5.0 | <5.0 | – | – | <10 | <10 |
| MESA_3 | 11/1/95 | – | – | <25.0 | <25.0 | – | – | <10 | <10 |
| MESA_3 | 2/1/96 | – | – | <5.0 | <5.0 | – | – | – | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondeal Count

| Sampling Station Identification No. | Date | Anthracene Total (ug/l) | Benzidine Total (ug/l) | Benzoic Acid Total (ug/l) | Benzo-A Anthracene Total (ug/l) | Benzo(b)Fluoranthene Total (ug/l) | Benzo-K Fluoranthene Total (ug/l) | Benzo (GHI) Perylene Total (ug/l) | Benzo-A-Pyrene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_3 | 12/4/92 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_3 | 12/8/92 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_3 | 1/7/93 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_3 | 2/8/93 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_3 | 8/24/93 | <10.0 | <20.0 | – | <10.0 | – | <10.0 | <10.0 | <10.0 |
| MESA_3 | 11/13/93 | <10.0 | <20.0 | – | <10.0 | – | <10.0 | <10.0 | <10.0 |
| MESA_3 | 1/25/94 | <100.0 | <200.0 | – | <100.0 | – | <100.0 | <100.0 | <100.0 |
| MESA_3 | 2/7/94 | <20.0 | <40.0 | – | <20.0 | – | <20.0 | <20.0 | <20.0 |
| MESA_3 | 5/25/94 | – | – | – | – | – | – | – | <10 |
| MESA_3 | 7/17/94 | <10 | – | – | <10 | – | <10 | <10 | <10 |
| MESA_3 | 8/8/94 | <20 | – | – | <20 | – | <20 | <20 | <20 |
| MESA_3 | 9/2/94 | <21 | – | – | <21 | – | <21 | <21 | <21 |
| MESA_3 | 10/15/94 | <10 | <100 | – | <10 | – | <10 | <10 | <10 |
| MESA_3 | 11/12/94 | – | – | – | – | – | – | – | <5 |
| MESA_3 | 12/5/94 | <10 | <100 | – | <10 | – | <10 | <10 | <10 |
| MESA_3 | 12/23/94 | <10 | <100 | – | <10 | – | <10 | <10 | <10 |
| MESA_3 | 1/4/95 | <2 | <20 | – | <2 | – | <2 | <2 | <2 |
| MESA_3 | 1/25/95 | <2 | <20 | – | <2 | – | <2 | <2 | <2 |
| MESA_3 | 2/13/95 | <11 | <110 | – | <11 | – | <11 | <11 | <11 |
| MESA_3 | 2/23/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 3/5/95 | <10 | <100 | – | <10 | – | <10 | <10 | <10 |
| MESA_3 | 3/11/95 | <10 | <100 | – | <10 | – | <10 | <10 | <10 |
| MESA_3 | 5/7/95 | <2 | <20 | <5 | <2 | <2 | <2 | <2 | <2 |
| MESA_3 | 7/11/95 | <10 | <100 | <100 | <10 | <10 | <10 | <10 | <10 |
| MESA_3 | 8/14/95 | <10 | <100 | <100 | <10 | <10 | <10 | <10 | <10 |
| MESA_3 | 8/19/95 | <10 | <100 | <100 | <10 | <10 | <10 | <10 | <10 |
| MESA_3 | 8/24/95 | <10 | <100 | <100 | <10 | <10 | <10 | <10 | <10 |
| MESA_3 | 9/7/95 | <10 | <100 | <100 | <10 | <10 | <10 | <10 | <10 |
| MESA_3 | 9/28/95 | <10 | <100 | <100 | <10 | <10 | <10 | <10 | <10 |
| MESA_3 | 11/1/95 | <10 | <100 | <100 | <10 | <10 | <10 | <10 | <10 |
| MESA_3 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | Benzyl Alcohol Total (ug/l) | Bis (2-Chloroethoxy) Methane Total (ug/l) | Bis (2-Chloroethyl) Ether Total (ug/l) | Bis (2-Chloroisopropyl) Ether Total (ug/l) | Bis(2-Ethyl Hexyl) Phthalate Total (ug/l) | 4-Bromo-Phenyl Phenyl Ether Total (ug/l) | Butyl Benzyl Phthalate Total (ug/l) | 2-Chloro-Naphthalene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_3 | 12/4/92 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_3 | 12/8/92 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_3 | 1/7/93 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_3 | 2/8/93 | – | <5.3 | <5.7 | <5.7 | **5.8** | <1.9 | <2.5 | <1.9 |
| MESA_3 | 8/24/93 | – | <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 |
| MESA_3 | 1/25/94 | – | <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 |
| MESA_3 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_3 | 7/17/94 | – | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| MESA_3 | 8/8/94 | – | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| MESA_3 | 9/2/94 | – | <21 | <21 | <21 | <21 | <21 | <21 | <21 |
| MESA_3 | 10/15/94 | – | <10 | <10 | <10 | <20 | <10 | <20 | <10 |
| MESA_3 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_3 | 12/5/94 | – | <10 | <10 | <10 | <20 | <10 | <20 | <10 |
| MESA_3 | 12/23/94 | – | <10 | <10 | <10 | **130** | <10 | <10 | <10 |
| MESA_3 | 1/4/95 | – | <2 | <2 | <2 | **86** | <2 | <2 | <2 |
| MESA_3 | 1/25/95 | – | <2 | <2 | <2 | <5 | <2 | <2 | <2 |
| MESA_3 | 2/13/95 | – | <11 | <11 | <11 | **34** | <11 | <21 | <11 |
| MESA_3 | 2/23/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 3/5/95 | – | <10 | <10 | <10 | <20 | <10 | <20 | <10 |
| MESA_3 | 3/11/95 | – | <10 | <10 | <10 | <20 | <10 | <20 | <10 |
| MESA_3 | 5/7/95 | <2 | <2 | <2 | <2 | **20** | <2 | <2 | <2 |
| MESA_3 | 7/11/95 | <10 | <10 | <10 | <10 | <20 | <10 | <20 | <10 |
| MESA_3 | 8/14/95 | <10 | <10 | <10 | <10 | <20 | <10 | <20 | <10 |
| MESA_3 | 8/19/95 | <10 | <10 | <10 | <10 | <20 | <10 | <20 | <10 |
| MESA_3 | 8/24/95 | <10 | <10 | <10 | <10 | **22** | <10 | <20 | <10 |
| MESA_3 | 9/7/95 | <10 | <10 | <10 | <10 | **43** | <10 | <20 | <10 |
| MESA_3 | 9/28/95 | <10 | <10 | <10 | <10 | <20 | <10 | <20 | <10 |
| MESA_3 | 11/1/95 | <10 | <10 | <10 | <10 | <20 | <10 | <20 | <10 |
| MESA_3 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | 2-Chlorophenol Total (ug/l) | 4-Chloro-Phenyl Phenyl Ether Total (ug/l) | Chyrsene Total (ug/l) | Dibenzo-[a,h]-Anthracene (ug/l) | Di-N-Butyl Phthalate Total (ug/l) | 1,3-Di-Chlorobenzene Total (ug/l) | 1,4-Di-Chlorobenzene Total (ug/l) | 1,2-Di-Chlorobenzene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_3 | 12/4/92 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_3 | 12/8/92 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_3 | 1/7/93 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_3 | 2/8/93 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_3 | 8/24/93 | <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 |
| MESA_3 | 5/25/94 | – | – | <10 | – | – | – | – | – |
| MESA_3 | 7/17/94 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| MESA_3 | 8/8/94 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| MESA_3 | 9/2/94 | <21 | <21 | <21 | <21 | <21 | <21 | <21 | <21 |
| MESA_3 | 10/15/94 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_3 | 11/12/94 | – | – | <5 | – | – | – | – | – |
| MESA_3 | 12/5/94 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_3 | 12/23/94 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| MESA_3 | 1/4/95 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| MESA_3 | 1/25/95 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| MESA_3 | 2/13/95 | <11 | <11 | <11 | <21 | <21 | <11 | <11 | <11 |
| MESA_3 | 2/23/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 3/5/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_3 | 3/11/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_3 | 5/7/95 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| MESA_3 | 7/11/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_3 | 8/14/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_3 | 8/19/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_3 | 8/24/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_3 | 9/7/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_3 | 9/28/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_3 | 11/1/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_3 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | 3,3'-Di-Chlorobenzidine Total (ug/l) | 2,4-Di-Chlorophenol Total (ug/l) | Diethyl-Phthalate Total (ug/l) | 2,4-Di-Methylphenol Total (ug/l) | Dimethyl-Phthalate Total (ug/l) | 2-Methyl-4,6-Dinitrophenol (ug/l) | 2,4-Dinitro-phenol (ug/l) | 2,4-Di-Nitrotoluene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_3 | 12/4/92 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_3 | 12/8/92 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_3 | 1/7/93 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_3 | 2/8/93 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_3 | 8/24/93 | <20.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | – | <10.0 |
| MESA_3 | 11/13/93 | <20.0 | <10.0 | <10.0 | <10.0 | <10.0 | <30.0 | <50.0 | <10.0 |
| MESA_3 | 1/25/94 | <200.0 | <100.0 | <100.0 | <100.0 | <100.0 | <310.0 | <510.0 | <100.0 |
| MESA_3 | 2/7/94 | <40.0 | <20.0 | <20.0 | <20.0 | <20.0 | <60.0 | <100.0 | <20.0 |
| MESA_3 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_3 | 7/17/94 | <20 | <10 | <10 | – | <10 | <30 | <50 | <10 |
| MESA_3 | 8/8/94 | <40 | <20 | <20 | – | <20 | <60 | <100 | <20 |
| MESA_3 | 9/2/94 | <42 | <21 | <21 | – | <21 | <63 | <110 | <21 |
| MESA_3 | 10/15/94 | <40 | <10 | <10 | <20 | <10 | – | <100 | <10 |
| MESA_3 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_3 | 12/5/94 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_3 | 12/23/94 | <10 | <10 | <10 | <10 | <10 | – | <50 | <10 |
| MESA_3 | 1/4/95 | <5 | <2 | <2 | <2 | <2 | <5 | <10 | <2 |
| MESA_3 | 1/25/95 | <5 | <2 | <2 | <2 | <2 | <5 | <10 | <2 |
| MESA_3 | 2/13/95 | <42 | <11 | <11 | <21 | <11 | <42 | <110 | <11 |
| MESA_3 | 2/23/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 3/5/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_3 | 3/11/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_3 | 5/7/95 | <5 | <2 | <2 | <2 | <2 | <5 | <2 | <2 |
| MESA_3 | 7/11/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_3 | 8/14/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_3 | 8/19/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_3 | 8/24/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_3 | 9/7/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_3 | 9/28/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_3 | 11/1/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_3 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | 2,6-Di-Nitrotoluene Total (ug/l) | Di-N-Octyl-Phthalate Total (ug/l) | Fluoranthene Total (ug/l) | Fluorene 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) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_3 | 12/4/92 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_3 | 12/8/92 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_3 | 1/7/93 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_3 | 2/8/93 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| 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 |
| MESA_3 | 5/25/94 | -- | -- | <10 | -- | -- | -- | -- | -- |
| MESA_3 | 7/17/94 | <10 | <10 | <10 | <10 | <10 | <10 | -- | <10 |
| MESA_3 | 8/8/94 | <20 | <20 | <20 | <20 | <20 | <20 | -- | <20 |
| MESA_3 | 9/2/94 | <21 | <21 | <21 | <21 | <21 | <21 | -- | <21 |
| MESA_3 | 10/15/94 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_3 | 11/12/94 | -- | -- | <5 | -- | -- | -- | -- | -- |
| MESA_3 | 12/5/94 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_3 | 12/23/94 | <10 | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| MESA_3 | 1/4/95 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| MESA_3 | 1/25/95 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| MESA_3 | 2/13/95 | <11 | <42 | <11 | <11 | <11 | <11 | <42 | <11 |
| MESA_3 | 2/23/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 2/28/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 3/5/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_3 | 3/11/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_3 | 5/7/95 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| MESA_3 | 7/11/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_3 | 8/14/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_3 | 8/19/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_3 | 8/24/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_3 | 9/7/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_3 | 9/28/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_3 | 11/1/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_3 | 2/1/96 | -- | -- | -- | -- | -- | -- | -- | -- |

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

| Sampling Station Identification No. | Date | Indeno (1,2,3-CD) Pyrene Total (ug/l) | Iso-Phorone Total (ug/l) | Naphthalene Total (ug/l) | Nitrobenzene Total (ug/l) | 2-Nitrophenol Total (ug/l) | 4-Nitrophenol Total (ug/l) | N-Nitrosodi-Phenylamine Total (ug/l) | N-Nitrosodi-N-Propylamine Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_3 | 12/4/92 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_3 | 12/8/92 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_3 | 1/7/93 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_3 | 2/8/93 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_3 | 8/24/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <20.0 | <20.0 |
| MESA_3 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <20.0 | <20.0 |
| MESA_3 | 1/25/94 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 | <200 | <200 |
| MESA_3 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <40.0 | <40.0 |
| MESA_3 | 5/25/94 | <10 | – | – | – | – | – | – | – |
| MESA_3 | 7/17/94 | <10 | <10 | <10 | <10 | <10 | <10 | – | – |
| MESA_3 | 8/8/94 | <20 | <20 | <20 | <20 | <20 | <20 | – | <40 |
| MESA_3 | 9/2/94 | <21 | <21 | <21 | <21 | <21 | <21 | – | <42 |
| MESA_3 | 10/15/94 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_3 | 11/12/94 | <1 | – | – | – | – | – | – | – |
| MESA_3 | 12/5/94 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_3 | 12/23/94 | <10 | <10 | <10 | <10 | <10 | <20 | <10 | <10 |
| MESA_3 | 1/4/95 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| MESA_3 | 1/25/95 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| MESA_3 | 2/13/95 | <21 | <11 | <11 | <42 | <11 | <110 | <11 | <11 |
| MESA_3 | 2/23/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 3/5/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_3 | 3/11/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_3 | 5/7/95 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| MESA_3 | 7/11/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_3 | 8/14/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_3 | 8/19/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_3 | 8/24/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_3 | 9/7/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_3 | 9/28/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_3 | 11/1/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_3 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | Penta-Chlorophenol Total (ug/l) | Phenanthrene Total (ug/l) | Phenol Total (ug/l) | Pyrene Total (ug/l) | 1,2,4-Tri-Chlorobenzene Total (ug/l) | 2,4,5-Trichlorophenol Total (ug/l) | 2,4,6-Tri-Chlorophenol Total (ug/l) | N-Nitrosodi-Methylamine Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_3 | 12/4/92 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_3 | 12/8/92 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_3 | 1/7/93 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_3 | 2/8/93 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_3 | 8/24/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | <10.0 | <20.0 |
| MESA_3 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | <10.0 | <20.0 |
| MESA_3 | 1/25/94 | <100.0 | <100.0 | <100.0 | <100.0 | <100.0 | – | <100.0 | <200 |
| MESA_3 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | – | <20.0 | <40.0 |
| MESA_3 | 5/25/94 | – | – | – | <10 | – | – | – | – |
| MESA_3 | 7/17/94 | <10 | <10 | <10 | <10 | <10 | – | <10 | – |
| MESA_3 | 8/8/94 | <20 | <20 | <20 | <20 | <20 | – | <20 | – |
| MESA_3 | 9/2/94 | <21 | <21 | <21 | <21 | <21 | – | <21 | – |
| MESA_3 | 10/15/94 | <40 | <10 | <10 | <10 | <10 | – | <20 | – |
| MESA_3 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_3 | 12/5/94 | <40 | <10 | <10 | <10 | <10 | – | <20 | – |
| MESA_3 | 12/23/94 | <20 | <10 | <10 | <10 | <10 | – | <20 | – |
| MESA_3 | 1/4/95 | <5 | <2 | <2 | <2 | <2 | – | <5 | – |
| MESA_3 | 1/25/95 | <5 | <2 | <2 | <2 | <2 | – | <5 | – |
| MESA_3 | 2/13/95 | <42 | <11 | <11 | <11 | <11 | – | <21 | – |
| MESA_3 | 2/23/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 3/5/95 | <40 | <10 | <10 | <10 | <10 | – | <20 | – |
| MESA_3 | 3/11/95 | <40 | <10 | <10 | <10 | <10 | – | <20 | – |
| MESA_3 | 5/7/95 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | – |
| MESA_3 | 7/11/95 | <40 | <10 | <10 | <10 | <10 | <20 | <20 | – |
| MESA_3 | 8/14/95 | <40 | <10 | <10 | <10 | <10 | <20 | <20 | – |
| MESA_3 | 8/19/95 | <40 | <10 | <10 | <10 | <10 | <20 | <20 | – |
| MESA_3 | 8/24/95 | <40 | <10 | <10 | <10 | <10 | <20 | <20 | – |
| MESA_3 | 9/7/95 | <40 | <10 | <10 | <10 | <10 | <20 | <20 | – |
| MESA_3 | 9/28/95 | <40 | <10 | <10 | <10 | <10 | <20 | <20 | – |
| MESA_3 | 11/1/95 | <40 | <10 | <10 | <10 | <10 | <20 | <20 | – |
| MESA_3 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | 1,2-Di-Phenylhydrazine Total Recoverable (ug/l) | Dichloro difluoromethane Total (ug/l) | Parachloro-Meta-Cresol Total (ug/l) |
|---|---|---|---|---|
| MESA_3 | 8/22/92 | -- | -- | <3.0 |
| MESA_3 | 12/4/92 | -- | -- | <3.0 |
| MESA_3 | 12/8/92 | -- | -- | <3.0 |
| MESA_3 | 1/7/93 | -- | -- | <3.0 |
| MESA_3 | 2/8/93 | -- | -- | <3.0 |
| MESA_3 | 8/24/93 | <10.0 | -- | -- |
| MESA_3 | 11/13/93 | <20.0 | -- | -- |
| MESA_3 | 1/25/94 | <200.0 | -- | -- |
| MESA_3 | 2/7/94 | <40.0 | -- | -- |
| MESA_3 | 5/25/94 | -- | -- | -- |
| MESA_3 | 7/17/94 | -- | -- | -- |
| MESA_3 | 8/8/94 | -- | -- | -- |
| MESA_3 | 9/2/94 | -- | -- | -- |
| MESA_3 | 10/15/94 | <1000 | -- | -- |
| MESA_3 | 11/12/94 | -- | -- | -- |
| MESA_3 | 12/5/94 | -- | -- | -- |
| MESA_3 | 12/23/94 | <10 | -- | -- |
| MESA_3 | 1/4/95 | <2 | -- | -- |
| MESA_3 | 1/25/95 | <2 | -- | -- |
| MESA_3 | 2/13/95 | -- | -- | -- |
| MESA_3 | 2/23/95 | -- | -- | -- |
| MESA_3 | 2/28/95 | -- | -- | -- |
| MESA_3 | 3/5/95 | -- | -- | -- |
| MESA_3 | 3/11/95 | -- | -- | -- |
| MESA_3 | 5/7/95 | <2 | -- | -- |
| MESA_3 | 7/11/95 | -- | -- | -- |
| MESA_3 | 8/14/95 | -- | -- | -- |
| MESA_3 | 8/19/95 | -- | -- | -- |
| MESA_3 | 8/24/95 | -- | -- | -- |
| MESA_3 | 9/7/95 | -- | -- | -- |
| MESA_3 | 9/28/95 | -- | -- | -- |
| MESA_3 | 11/1/95 | -- | -- | -- |
| MESA_3 | 2/1/96 | -- | -- | -- |

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

# MESA 4

| Sampling Station Identification No. | Date | Agency Collecting Sample | Agency Analyzing Sample | Drainage Area (acres) DA | Impervious Area (acres) IA | Land Use (%) LUR | LUC | LUI | LUN | Storm Duration (min.) DRN | Total Runoff (cu. ft.) RUN | Instantaneous Discharge (cfs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | Mesa | ATL | 171 | 111 | 0 | 0 | 79 | 21 | UA | UA | 20.11 |
| MESA_3 | 12/4/92 | Mesa | ATL | 171 | 111 | 0 | 0 | 79 | 21 | UA | UA | 17.08 |
| MESA_3 | 12/8/92 | Mesa | ATL | 171 | 111 | 0 | 0 | 79 | 21 | UA | UA | 13.27 |
| MESA_3 | 1/7/93 | Mesa | ATL | 171 | 111 | 0 | 0 | 79 | 21 | UA | UA | 7.59 |
| MESA_3 | 2/8/93 | Mesa | ATL | 171 | 111 | 0 | 0 | 79 | 21 | UA | UA | 40.56 |
| MESA_3 | 8/24/93 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 50 | 101,150 | 45.86 |
| MESA_3 | 11/13/93 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | UA | UA | UA |
| MESA_3 | 1/25/94 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 90 | 51,500 | 15.81 |
| MESA_3 | 2/7/94 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 174 | 37,660 | 12.10 |
| MESA_3 | 5/25/94 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 56 | 63,380 | 32.36 |
| MESA_3 | 7/17/94 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 124 | 27,920 | 10.05 |
| MESA_3 | 8/8/94 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 72 | 25,350 | 8.45 |
| MESA_3 | 9/2/94 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 60 | 50,900 | 24.96 |
| MESA_3 | 10/15/94 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 82 | 44,260 | 29.80 |
| MESA_3 | 11/12/94 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 432 | 102,430 | 25.20 |
| MESA_3 | 12/5/94 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 296 | 59,349 | 7.90 |
| MESA_3 | 12/23/94 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 170 | 73,457 | 13.10 |
| MESA_3 | 1/4/95 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 198 | 68,917 | 18.12 |
| MESA_3 | 1/25/95 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 450 | 148,347 | 9.57 |
| MESA_3 | 2/13/95 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 346 | 137,000 | 11.60 |
| MESA_3 | 2/23/95 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 600 | 122,891 | 8.55 |
| MESA_3 | 2/28/95 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 330 | 126,100 | 13.39 |
| MESA_3 | 3/5/95 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 258 | 139,347 | 18.30 |
| MESA_3 | 3/11/95 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 346 | 126,206 | 10.87 |
| MESA_3 | 5/7/95 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 268 | 128,335 | 11.89 |
| MESA_3 | 7/11/95 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 268 | 132,037 | 15.30 |
| MESA_3 | 8/14/95 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 100 | 193,137 | 56.70 |
| MESA_3 | 8/19/95 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 116 | 220,071 | 56.86 |
| MESA_3 | 8/24/95 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 162 | 155,789 | 25.38 |
| MESA_3 | 9/7/95 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 318 | 141,420 | 10.563 |
| MESA_3 | 9/28/95 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 248 | 175,620 | 56.404 |
| MESA_3 | 11/1/95 | FCD | WESTECH | 171 | 111 | 0 | 0 | 79 | 21 | 168 | 174,110 | 46.92 |
| MESA_3 | 2/1/96 | FCD | DEL MAR | 171 | 111 | 0 | 0 | 79 | 21 | 480 | 171,435 | 13.9 |

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

## Physical Properties

| Sampling Station Identification No. | Date | Preceding Dry Period (days) ANT | Total Rainfall (in.) TRN | Maximum 5-minute Rain Intensity MAX5 | Sample Temp. (deg C) | Effluent Temp. (deg C) | Ambient Temp. (deg C) | Barometric Pressure (mm og Hg) | pH Effluent (Standard Units) | pH LAB Sample (Standard Units) | Specific Conductance FIELD (us/cm) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | UD | UA | UA | NM | NM | NM | NM | NM | 6.1 | -- |
| MESA_3 | 12/4/92 | 104 | UA | UA | NM | NM | NM | NM | NM | 6.5 | -- |
| MESA_3 | 12/8/92 | 4 | UA | UA | NM | NM | NM | NM | NM | 6.7 | -- |
| MESA_3 | 1/7/93 | 30 | UA | UA | NM | NM | NM | NM | NM | 6.8 | -- |
| MESA_3 | 2/8/93 | 32 | UA | UA | NM | NM | NM | NM | NM | 6.7 | -- |
| MESA_3 | 8/24/93 | 197 | 0.50 | UA | NM | NM | NM | NM | NM | 7.39 | -- |
| MESA_3 | 11/13/93 | 81 | UA | UA | NM | NM | NM | NM | NM | -- | -- |
| MESA_3 | 1/25/94 | 73 | 0.20 | 0.66 | NM | NM | NM | NM | NM | 7.17 | -- |
| MESA_3 | 2/7/94 | 13 | 0.38 | 0.12 | NM | NM | NM | NM | NM | 7.71 | -- |
| MESA_3 | 5/25/94 | 107 | 0.42 | 1.32 | NM | NM | NM | NM | NM | 7.42 | -- |
| MESA_3 | 7/17/94 | 53 | 0.13 | 0.78 | NM | NM | NM | NM | NM | 5.73 | -- |
| MESA_3 | 8/8/94 | 22 | 0.12 | 1.20 | NM | NM | NM | NM | NM | 6.43 | -- |
| MESA_3 | 9/2/94 | 25 | 0.32 | 3.60 | NM | NM | NM | NM | NM | 7.05 | -- |
| MESA_3 | 10/15/94 | 43 | 0.38 | 0.60 | NM | NM | NM | NM | NM | 7.17 | -- |
| MESA_3 | 11/12/94 | 28 | 0.32 | 0.48 | NM | NM | NM | NM | NM | 7.47 | -- |
| MESA_3 | 12/5/94 | 23 | 0.19 | 0.12 | NM | NM | NM | NM | NM | 7.4 | -- |
| MESA_3 | 12/23/94 | 18 | 0.20 | 0.12 | NM | NM | NM | NM | NM | 7.36 | -- |
| MESA_3 | 1/4/95 | 12 | 0.14 | 0.24 | NM | NM | NM | NM | NM | 7.42 | -- |
| MESA_3 | 1/25/95 | 21 | 0.17 | 0.36 | NM | NM | NM | NM | NM | 7.27 | -- |
| MESA_3 | 2/13/95 | 19 | 0.19 | 0.48 | NM | NM | NM | NM | NM | 7.26 | -- |
| MESA_3 | 2/23/95 | 10 | 0.09 | 0.24 | NM | NM | NM | NM | NM | 7.48 | -- |
| MESA_3 | 2/28/95 | 5 | 0.10 | 0.48 | NM | NM | NM | NM | NM | 7.36 | -- |
| MESA_3 | 3/5/95 | 5 | 0.30 | 0.12 | NM | NM | NM | NM | NM | 7.23 | -- |
| MESA_3 | 3/11/95 | 6 | 0.13 | 0.12 | NM | NM | NM | NM | NM | 7.33 | -- |
| MESA_3 | 5/7/95 | 17 | 0.20 | 0.36 | NM | NM | NM | NM | NM | -- | -- |
| MESA_3 | 7/11/95 | 65 | 0.07 | 0.72 | NM | NM | NM | NM | NM | 6.17 | -- |
| MESA_3 | 8/14/95 | 34 | 0.44 | 2.64 | NM | NM | NM | NM | NM | 8.13 | -- |
| MESA_3 | 8/19/95 | 5 | 0.58 | 2.04 | NM | NM | NM | NM | NM | 7.45 | -- |
| MESA_3 | 8/24/95 | 4 | 0.11 | 0.24 | NM | NM | NM | NM | NM | 8.22 | -- |
| MESA_3 | 9/7/95 | 14 | 0.18 | 0.12 | NM | NM | NM | NM | NM | 7.22 | -- |
| MESA_3 | 9/28/95 | 21 | 0.52 | 1.32 | NM | NM | NM | NM | NM | 8.13 | -- |
| MESA_3 | 11/1/95 | 34 | 0.64 | 0.84 | NM | NM | NM | NM | NM | 7.09 | -- |
| MESA_3 | 2/1/96 | 86 | 0.15 | 0.12 | NM | NM | NM | NM | NM | 7.7 | -- |

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

## Inorganic Chemistry
## Nonmetals

| Sampling Station Identification No. | Date | Specific Conductance LAB (us/cm) | Oxygen Dissolved (% saturation) | Oxygen Dissolved (mg/l) | Electrical Conductivity (umhos/cm) | BOD5 (mg/l) | COD High Level (mg/l) | Chloride (mg/l as Cl) | Cyanide Total (mg/l as Cn) | Fecal Coliform (Col/100mL) |
|---|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | – | – | – | – | 12 | 150 | – | <0.01 | 2 |
| MESA_3 | 12/4/92 | – | – | – | – | 7 | 95 | – | <0.01 | 240 |
| MESA_3 | 12/8/92 | – | – | – | – | 5 | 37 | – | <0.01 | 170 |
| MESA_3 | 1/7/93 | – | – | – | – | 5 | 43 | – | <0.01 | 220 |
| MESA_3 | 2/8/93 | – | – | – | – | – | 99 | – | <0.01 | 130 |
| MESA_3 | 8/24/93 | – | – | – | – | 19 | 61 | – | – | >16 |
| MESA_3 | 11/13/93 | – | – | – | – | 5 | 95 | 1.3 | – | 420 |
| MESA_3 | 1/25/94 | – | – | – | – | 59 | 270 | 6 | <0.01 | 7 |
| MESA_3 | 2/7/94 | – | – | – | – | 28 | 85 | 4.4 | <0.01 | 29 |
| MESA_3 | 5/25/94 | – | – | – | 74 | 14 | 96 | 1.9 | <0.01 | 12 |
| MESA_3 | 7/17/94 | – | – | – | – | 63 | 250 | 8.5 | <0.01 | 21 |
| MESA_3 | 8/8/94 | – | – | – | 180 | 42 | 300 | 9 | <0.01 | 3100 |
| MESA_3 | 9/2/94 | – | – | – | – | 38 | 120 | 1.4 | <0.01 | 95000 |
| MESA_3 | 10/15/94 | – | – | – | 190 | 55 | 260 | 21 | <0.01 | 590 |
| MESA_3 | 11/12/94 | – | – | – | 81 | 35 | 110 | 3.7 | <0.01 | 420 |
| MESA_3 | 12/5/94 | – | – | – | 190 | 35 | 110 | 30 | <0.01 | – |
| MESA_3 | 12/23/94 | – | – | – | 81 | 75 | 150 | 5.4 | <0.01 | 38 |
| MESA_3 | 1/4/95 | – | – | – | 41 | 20 | 44 | 2.2 | <0.01 | <1 |
| MESA_3 | 1/25/95 | – | – | – | 100 | 18 | 67 | 3.8 | <0.01 | 29 |
| MESA_3 | 2/13/95 | – | – | – | 76 | – | 130 | 2.4 | <0.01 | – |
| MESA_3 | 2/23/95 | – | – | – | 62 | 35 | 58 | 2.2 | <0.01 | 100 |
| MESA_3 | 2/28/95 | – | – | – | 61 | 12 | 91 | 2.7 | <0.01 | 300 |
| MESA_3 | 3/5/95 | – | – | – | 46 | 17 | 63 | 3.3 | <0.01 | 140 |
| MESA_3 | 3/11/95 | – | – | – | 54 | 13 | 88 | 2.6 | <0.01 | 7 |
| MESA_3 | 5/7/95 | – | – | – | – | 43 | – | – | – | <1 |
| MESA_3 | 7/11/95 | – | – | – | 220 | 84 | 490 | 17 | <0.01 | 11000 |
| MESA_3 | 8/14/95 | – | – | – | 140 | 87 | 130 | 5 | <0.01 | 1500 |
| MESA_3 | 8/19/95 | – | – | – | 100 | <5 | 110 | 2.6 | <0.01 | 830 |
| MESA_3 | 8/24/95 | – | – | – | 140 | 35 | 94 | 2.9 | <0.01 | 270 |
| MESA_3 | 9/7/95 | – | – | – | 110 | 89 | 76 | 5 | <0.01 | 2800 |
| MESA_3 | 9/28/95 | – | – | – | 130 | 61 | 60 | 5.5 | <0.01 | 1300 |
| MESA_3 | 11/1/95 | – | – | – | 150 | 99 | 90 | 4.2 | <0.01 | – |
| MESA_3 | 2/1/96 | 190 | – | – | – | 28 | 130 | 8 | – | – |

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

| Sampling Station Identification No. | Date | Fecal Streptococci (Col/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) | Nitrogen Nitrate Total (mg/l as N) | Nitrogen Nitrite Total (mg/l as N) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | 2 | 61 | 82 | 0.6 | 2.5 | 1.5 | -- | -- |
| MESA_3 | 12/4/92 | 2300 | 75 | 23 | 0.3 | 0.5 | 0.5 | -- | -- |
| MESA_3 | 12/8/92 | 7000 | 54 | 56 | 0.21 | 0.9 | 0.3 | -- | -- |
| MESA_3 | 1/7/93 | 7000 | 130 | 25 | 0.22 | 0.4 | 0.2 | -- | -- |
| MESA_3 | 2/8/93 | 2400 | 55 | 100 | 0.32 | 0.9 | 0.3 | -- | -- |
| MESA_3 | 8/24/93 | >16 | 69 | 150 | 0.73 | 2.4 | -- | -- | -- |
| MESA_3 | 11/13/93 | 280 | 85 | 56 | 0.6 | 11 | 11 | -- | -- |
| MESA_3 | 1/25/94 | 13 | 230 | 76 | 2.3 | 5.3 | 5.3 | -- | -- |
| MESA_3 | 2/7/94 | 690 | 120 | 22 | 0.69 | 3.3 | 3.3 | -- | -- |
| MESA_3 | 5/25/94 | 3 | 69 | 130 | 0.57 | 1.2 | 1.2 | -- | -- |
| MESA_3 | 7/17/94 | 4 | 150 | 120 | 2.2 | 8.6 | 8.6 | -- | -- |
| MESA_3 | 8/8/94 | 33 | 260 | 120 | 2.5 | 6.1 | 4 | -- | -- |
| MESA_3 | 9/2/94 | 4500 | 100 | 640 | 1.5 | 4.4 | 4.4 | -- | -- |
| MESA_3 | 10/15/94 | 140 | 210 | 230 | 2.2 | 6.2 | 6.2 | -- | -- |
| MESA_3 | 11/12/94 | 33 | 93 | 29 | 0.64 | 2.3 | 2.3 | -- | -- |
| MESA_3 | 12/5/94 | -- | 160 | 25 | 0.75 | 2.4 | 2.4 | -- | -- |
| MESA_3 | 12/23/94 | 11 | 140 | 34 | <0.50 | 2.5 | 2.5 | -- | -- |
| MESA_3 | 1/4/95 | 34 | 52 | 17 | <0.50 | 0.6 | 0.6 | -- | -- |
| MESA_3 | 1/25/95 | 4 | 84 | 20 | 0.69 | 1.7 | 1.7 | -- | -- |
| MESA_3 | 2/13/95 | -- | 74 | 27 | 0.58 | 1 | 1 | -- | -- |
| MESA_3 | 2/23/95 | 900 | 68 | 20 | 0.64 | 1.7 | 1.7 | -- | -- |
| MESA_3 | 2/28/95 | 17 | 83 | 52 | 1.6 | 2.4 | 2.4 | -- | -- |
| MESA_3 | 3/5/95 | 3 | 48 | 45 | <0.50 | 1.5 | 1.5 | -- | -- |
| MESA_3 | 3/11/95 | 140 | 80 | 35 | <0.50 | 1.7 | 1.7 | -- | -- |
| MESA_3 | 5/7/95 | 27 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 7/11/95 | 24000 | 250 | 140 | 1.7 | 9.3 | 9.3 | -- | -- |
| MESA_3 | 8/14/95 | 30 | 230 | 260 | 1.2 | 1.3 | 1.8 | 1.2 | <0.05 |
| MESA_3 | 8/19/95 | 17 | 100 | 810 | 0.85 | 2.2 | 2.2 | 0.85 | <0.05 |
| MESA_3 | 8/24/95 | 11 | 150 | 410 | 2 | 3.9 | 3.9 | 2 | <0.05 |
| MESA_3 | 9/7/95 | 31 | 130 | 44 | 0.97 | 2.3 | 2.3 | 0.92 | 0.05 |
| MESA_3 | 9/28/95 | 34 | 120 | 180 | 0.65 | 2.5 | 2.5 | 0.65 | <0.05 |
| MESA_3 | 11/1/95 | -- | 170 | 230 | 0.94 | 2.5 | 2.5 | 0.94 | <0.05 |
| MESA_3 | 2/1/96 | -- | 200 | 200 | 1.9 | 2.8 | 2.5 | 1.9 | <0.15 |

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

| Sampling Station Identification No. | Date | Nitrogen Ammonia Total (mg/l as N) | Nitrogen Organic Total (mg/l as N) | Phosphorous Total (mg/l as P) | Phosphorous Dissolved (mg/l as P) | Phosphorus Ortho Total (mg/l as P) | Sulfate Dissolved (mg/l) | Hexavalent Chromium Total (mg/l) | Phenols Total Recoverable (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | -- | -- | -- | 0.17 | -- | -- | -- | 53 |
| MESA_3 | 12/4/92 | -- | -- | 0.2 | -- | -- | -- | -- | 53 |
| MESA_3 | 12/8/92 | -- | -- | 0.17 | -- | -- | -- | -- | 53 |
| MESA_3 | 1/7/93 | -- | -- | 0.085 | 0.072 | -- | -- | -- | 53 |
| MESA_3 | 2/8/93 | -- | -- | 0.15 | 0.12 | -- | -- | -- | 53 |
| MESA_3 | 8/24/93 | -- | -- | 0.32 | 0.14 | -- | -- | -- | -- |
| MESA_3 | 11/13/93 | -- | -- | 0.29 | 0.11 | -- | -- | -- | -- |
| MESA_3 | 1/25/94 | -- | -- | 0.44 | 0.23 | -- | -- | -- | -- |
| MESA_3 | 2/7/94 | -- | -- | 2.5 | 2.3 | -- | -- | -- | -- |
| MESA_3 | 5/25/94 | -- | -- | 0.47 | 0.16 | -- | 6.7 | -- | -- |
| MESA_3 | 7/17/94 | -- | -- | 0.57 | 0.53 | -- | -- | -- | -- |
| MESA_3 | 8/8/94 | -- | -- | 0.45 | 0.35 | -- | 19 | -- | <10 |
| MESA_3 | 9/2/94 | -- | -- | 0.86 | 0.29 | -- | -- | -- | <10 |
| MESA_3 | 10/15/94 | -- | -- | 0.54 | 0.41 | -- | 18 | -- | 20 |
| MESA_3 | 11/12/94 | -- | -- | 0.29 | 0.14 | -- | 8.7 | -- | -- |
| MESA_3 | 12/5/94 | -- | -- | 0.26 | 0.16 | -- | 33 | -- | 20 |
| MESA_3 | 12/23/94 | -- | -- | 0.24 | 0.19 | -- | 10 | -- | 30 |
| MESA_3 | 1/4/95 | -- | -- | 0.13 | 0.1 | -- | 6.8 | -- | 30 |
| MESA_3 | 1/25/95 | -- | -- | 0.53 | 0.44 | -- | 10 | -- | 30 |
| MESA_3 | 2/13/95 | -- | -- | 0.14 | 0.12 | -- | 8.4 | -- | <10 |
| MESA_3 | 2/23/95 | -- | -- | 0.18 | <0.10 | -- | 8.7 | -- | -- |
| MESA_3 | 2/28/95 | -- | -- | 0.41 | 0.26 | -- | 9.7 | -- | -- |
| MESA_3 | 3/5/95 | -- | -- | 0.19 | 0.16 | -- | 6.1 | -- | <10 |
| MESA_3 | 3/11/95 | -- | -- | 0.39 | 0.16 | -- | 7.2 | -- | <10 |
| MESA_3 | 5/7/95 | -- | -- | -- | -- | -- | -- | -- | 20 |
| MESA_3 | 7/11/95 | -- | -- | 0.98 | 0.65 | -- | 42 | -- | 30 |
| MESA_3 | 8/14/95 | 1.8 | -- | 0.58 | 0.85 | -- | 12 | -- | <10 |
| MESA_3 | 8/19/95 | 0.6 | -- | 1.2 | 0.25 | -- | 5.9 | -- | <10 |
| MESA_3 | 8/24/95 | 1.8 | -- | 0.59 | 0.4 | -- | 12 | -- | <10 |
| MESA_3 | 9/7/95 | 0.3 | -- | 0.2 | 0.15 | -- | 14 | -- | 10 |
| MESA_3 | 9/28/95 | 1.6 | -- | 0.66 | 0.4 | -- | 10 | -- | <10 |
| MESA_3 | 11/1/95 | 1.6 | 0.9 | 0.13 | <0.10 | -- | 25 | -- | <10 |
| MESA_3 | 2/1/96 | 1.6 | 0.9 | -- | -- | -- | 19 | -- | -- |

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

| Sampling Station Identification No. | Date | Oil and Grease Total Recoverable (mg/l) | Organic Carbon, Total (mg/l) | Bicarbonate Whole Field (mg/l as HCO3) | Bicarbonate Dissolved Field (mg/l as HCO3) | Carbonate Water Field (mg/l as CO3) | Carbonate Water Dissolved Field (mg/l as CO3) | Alkalinity Water Field Total (mg/l as CaCO3) | Alkalinity Dissolved Water Field Total (mg/l as CaCO3) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | 5 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 12/4/92 | <5.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 12/8/92 | <5.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 1/7/93 | <5.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 2/8/93 | <5.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 8/24/93 | 7 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 11/13/93 | <5.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 1/25/94 | 7.3 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 2/7/94 | 1.6 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 5/25/94 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 7/17/94 | 380 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 8/8/94 | <5.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 9/2/94 | 3.9 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 10/15/94 | <5 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 11/12/94 | 7.8 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 12/5/94 | 5.9 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 12/23/94 | 610 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 1/4/95 | 4.6 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 1/25/95 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 2/13/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 2/23/95 | 1.7 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 2/28/95 | 1.7 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 3/5/95 | 2.3 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 3/11/95 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 5/7/95 | 3 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 7/11/95 | 3.1 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 8/14/95 | 77 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 8/19/95 | 1200 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 8/24/95 | <1 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 9/7/95 | 1 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 9/28/95 | <1 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 11/1/95 | 4.7 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 2/1/96 | 1 | -- | -- | -- | -- | -- | -- | -- |

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

## Inorganic Chemistry
## Total and Dissolved Metals

| Sampling Station Identification No. | Date | Alkalinity LAB (mg/l as CaCO3) | Silica Dissolved (mg/l as SiO2) | Hardness (mg/l) | Antimony (mg/l as Sb) | Antimony Dissolved (mg/l as Sb) | Arsenic Total (mg/l as As) | Arsenic Dissolved (mg/l as As) | Barium Dissolved (ug/l as Ba) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | -- | -- | -- | <20 | -- | <20 | -- | -- |
| MESA_3 | 12/4/92 | -- | -- | -- | <20 | -- | <20 | -- | -- |
| MESA_3 | 12/8/92 | -- | -- | -- | <20 | -- | <20 | -- | -- |
| MESA_3 | 1/7/93 | -- | -- | -- | <20 | -- | <20 | -- | -- |
| MESA_3 | 2/8/93 | -- | -- | -- | <20 | -- | <20 | -- | -- |
| MESA_3 | 8/24/93 | -- | -- | -- | <50 | -- | <50 | -- | -- |
| MESA_3 | 11/13/93 | -- | -- | -- | -- | -- | <50 | -- | -- |
| MESA_3 | 1/25/94 | -- | -- | -- | -- | -- | <50 | -- | -- |
| MESA_3 | 2/7/94 | -- | -- | -- | -- | -- | <50 | -- | -- |
| MESA_3 | 5/25/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_3 | 7/17/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_3 | 8/8/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_3 | 9/2/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_3 | 10/15/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_3 | 11/12/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_3 | 12/5/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_3 | 12/23/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_3 | 1/4/95 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_3 | 1/25/95 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_3 | 2/13/95 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_3 | 2/23/95 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_3 | 2/28/95 | -- | -- | -- | -- | -- | <50 | 17 | -- |
| MESA_3 | 3/5/95 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_3 | 3/11/95 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_3 | 5/7/95 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_3 | 7/11/95 | -- | -- | -- | -- | -- | <500 | <5 | -- |
| MESA_3 | 8/14/95 | -- | -- | -- | -- | -- | <50 | 7 | -- |
| MESA_3 | 8/19/95 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_3 | 8/24/95 | -- | -- | -- | -- | -- | <30 | 30 | -- |
| MESA_3 | 9/7/95 | -- | -- | -- | -- | -- | <30 | <20 | -- |
| MESA_3 | 9/28/95 | -- | -- | -- | -- | -- | <30 | <50 | -- |
| MESA_3 | 11/1/95 | -- | -- | -- | -- | -- | <30 | <30 | -- |
| MESA_3 | 2/1/96 | -- | -- | -- | -- | -- | -- | -- | -- |

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

| Sampling Station Identification No. | Date | Beryllium Total Recoverable (mg/l as Be) | Beryllium Dissolved (mg/l as Be) | Cadmium Total Recoverable (mg/l as Cd) | Cadmium Dissolved (mg/l as Cd) | Calcium Dissolved (mg/l as Ca) | Chromium Total Recoverable (mg/l as Cr) | Chromium Dissolved (mg/l as Cr) | Cobalt Dissolved (ug/l as Co) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_3 | 12/4/92 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_3 | 12/8/92 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_3 | 1/7/93 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_3 | 2/8/93 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_3 | 8/24/93 | <50 | – | <50 | <0.5 | – | <50 | <5 | – |
| MESA_3 | 11/13/93 | – | – | <50 | **1** | – | <50 | <5 | – |
| MESA_3 | 1/25/94 | – | – | <40 | **5.1** | – | <50 | **9** | – |
| MESA_3 | 2/7/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_3 | 5/25/94 | – | – | <40 | **0.8** | – | **160** | <5 | – |
| MESA_3 | 7/17/94 | – | – | <40 | **3.9** | – | **1500** | **8** | – |
| MESA_3 | 8/8/94 | – | – | <40 | **2.1** | – | <50 | **6** | – |
| MESA_3 | 9/2/94 | – | – | <40 | **0.6** | – | <50 | <5 | – |
| MESA_3 | 10/15/94 | – | – | <40 | **1.3** | – | <50 | <5 | – |
| MESA_3 | 11/12/94 | – | – | <40 | **0.5** | – | <50 | <5 | – |
| MESA_3 | 12/5/94 | – | – | <40 | **0.9** | – | <50 | <5 | – |
| MESA_3 | 12/23/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_3 | 1/4/95 | – | – | <40 | **0.5** | – | <50 | <5 | – |
| MESA_3 | 1/25/95 | – | – | <40 | <0.5 | – | <50 | **5** | – |
| MESA_3 | 2/13/95 | – | – | <40 | **0.5** | – | <50 | **13** | – |
| MESA_3 | 2/23/95 | – | – | <40 | **0.5** | – | <50 | **6** | – |
| MESA_3 | 2/28/95 | – | – | <40 | **1.3** | – | <50 | <5 | – |
| MESA_3 | 3/5/95 | – | – | <40 | **0.5** | – | <50 | <5 | – |
| MESA_3 | 3/11/95 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_3 | 5/7/95 | – | – | <40 | **1.1** | – | <50 | **7** | – |
| MESA_3 | 7/11/95 | – | – | <40 | **4.4** | – | <50 | <5 | – |
| MESA_3 | 8/14/95 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_3 | 8/19/95 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_3 | 8/24/95 | – | – | <4 | <1 | – | **11** | <2 | – |
| MESA_3 | 9/7/95 | – | – | <4 | **1** | – | <7 | **4** | – |
| MESA_3 | 9/28/95 | – | – | <4 | <1 | – | **13** | **2** | – |
| MESA_3 | 11/1/95 | – | – | <3 | <3 | – | **15** | **6** | – |
| MESA_3 | 2/1/96 | – | – | – | – | – | – | – | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondetect Count

| Sampling Station Identification No. | Date | Copper Total Recoverable (mg/l as Cu) | Copper Dissolved (mg/l as Cu) | Iron Dissolved (ug/l as Fe) | Lead Total Recoverable (mg/l as Pb) | Lead Dissolved (mg/l as Pb) | Lithium Dissolved (ug/l as Li) | Magnesium Dissolved (mg/l as Mg) | Manganese Dissolved (ug/l as Mn) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | <50 | – | – | <20 | – | – | – | – |
| MESA_3 | 12/4/92 | <50 | – | – | <20 | – | – | – | – |
| MESA_3 | 12/8/92 | <50 | – | – | <20 | – | – | – | – |
| MESA_3 | 1/7/93 | <50 | – | – | <20 | – | – | – | – |
| MESA_3 | 2/8/93 | <50 | – | – | <20 | – | – | – | – |
| MESA_3 | 8/24/93 | <50 | <50 | – | **50** | <5 | – | – | – |
| MESA_3 | 11/13/93 | <50 | <50 | – | <50 | **13** | – | – | – |
| MESA_3 | 1/25/94 | **70** | <50 | – | <50 | <50 | – | – | – |
| MESA_3 | 2/7/94 | **60** | <50 | – | <50 | <5 | – | – | – |
| MESA_3 | 5/25/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_3 | 7/17/94 | **50** | <50 | – | <50 | <5 | – | – | – |
| MESA_3 | 8/8/94 | <50 | <50 | – | **60** | <5 | – | – | – |
| MESA_3 | 9/2/94 | **90** | <50 | – | **140** | <5 | – | – | – |
| MESA_3 | 10/15/94 | **80** | <50 | – | <50 | <5 | – | – | – |
| MESA_3 | 11/12/94 | <50 | <50 | – | <50 | <20 | – | – | – |
| MESA_3 | 12/5/94 | <50 | <50 | – | <50 | **28** | – | – | – |
| MESA_3 | 12/23/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_3 | 1/4/95 | <50 | <50 | – | <50 | **5** | – | – | – |
| MESA_3 | 1/25/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_3 | 2/13/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_3 | 2/23/95 | <50 | <50 | – | <50 | **10** | – | – | – |
| MESA_3 | 2/28/95 | <50 | <50 | – | <50 | **12** | – | – | – |
| MESA_3 | 3/5/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_3 | 3/11/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_3 | 5/7/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_3 | 7/11/95 | <50 | <50 | – | <50 | **12** | – | – | – |
| MESA_3 | 8/14/95 | **60** | <50 | – | <50 | <50 | – | – | – |
| MESA_3 | 8/19/95 | **60** | <50 | – | <50 | <5 | – | – | – |
| MESA_3 | 8/24/95 | **40** | <2 | – | <10 | **22** | – | – | – |
| MESA_3 | 9/7/95 | **10** | <2 | – | **10** | **23** | – | – | – |
| MESA_3 | 9/28/95 | **24** | **5** | – | <10 | <13 | – | – | – |
| MESA_3 | 11/1/95 | <50 | <50 | – | <23 | <23 | – | – | – |
| MESA_3 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | Mercury Total Recoverable (ug/l as Hg) | Mercury Dissolved (mg/l as Hg) | Molybdenum Dissolved (ug/l as Mo) | Nickel Total Recoverable (mg/l as Ni) | Nickel Dissolved (mg/l as Ni) | Potassium Dissolved (mg/l as K) | Selenium Total (mg/l as Se) | Selenium Dissolved (mg/l as Se) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | <1.0 | -- | -- | <50 | -- | -- | <5 | -- |
| MESA_3 | 12/4/92 | <1.0 | -- | -- | <50 | -- | -- | <5 | -- |
| MESA_3 | 12/8/92 | <1.0 | -- | -- | <50 | -- | -- | <5 | -- |
| MESA_3 | 1/7/93 | <1.0 | -- | -- | <50 | -- | -- | <5 | -- |
| MESA_3 | 2/8/93 | <1.0 | -- | -- | <50 | -- | -- | <5 | -- |
| MESA_3 | 8/24/93 | <1.0 | -- | -- | <50 | -- | -- | <50 | -- |
| MESA_3 | 11/13/93 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 1/25/94 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 2/7/94 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 5/25/94 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 7/17/94 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 8/8/94 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 9/2/94 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 10/15/94 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 11/12/94 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 12/5/94 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 12/23/94 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 1/4/95 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 1/25/95 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 2/13/95 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 2/23/95 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 2/28/95 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 3/5/95 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 3/11/95 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 5/7/95 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 7/11/95 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 8/14/95 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 8/19/95 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 8/24/95 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 9/7/95 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 9/28/95 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 11/1/95 | <1.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_3 | 2/1/96 | -- | -- | -- | -- | -- | -- | -- | -- |

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

| Sampling Station Identification No. | Date | Silver Total Recoverable (mg/l as Ag) | Silver Dissolved (mg/l as Ag) | Sodium Dissolved (mg/l as Na) | Strontium Dissolved (ug/l as Sr) | Thallium Total (mg/l as Tl) | Thallium Dissolved (mg/l as Tl) | Vanadium Dissolved (ug/l as V) | Zinc Total Recoverable (mg/l as Zn) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_3 | 12/4/92 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_3 | 12/8/92 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_3 | 1/7/93 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_3 | 2/8/93 | <20 | – | – | – | <10 | – | – | 130 |
| MESA_3 | 8/24/93 | <50 | – | – | – | <100 | – | – | 120 |
| MESA_3 | 11/13/93 | – | – | – | – | – | – | – | 100 |
| MESA_3 | 1/25/94 | – | – | – | – | – | – | – | 220 |
| MESA_3 | 2/7/94 | – | – | – | – | – | – | – | 80 |
| MESA_3 | 5/25/94 | – | – | – | – | – | – | – | 130 |
| MESA_3 | 7/17/94 | – | – | – | – | – | – | – | 480 |
| MESA_3 | 8/8/94 | – | – | – | – | – | – | – | 270 |
| MESA_3 | 9/2/94 | – | – | – | – | – | – | – | 630 |
| MESA_3 | 10/15/94 | – | – | – | – | – | – | – | 310 |
| MESA_3 | 11/12/94 | – | – | – | – | – | – | – | 80 |
| MESA_3 | 12/5/94 | – | – | – | – | – | – | – | 130 |
| MESA_3 | 12/23/94 | – | – | – | – | – | – | – | <50 |
| MESA_3 | 1/4/95 | – | – | – | – | – | – | – | 140 |
| MESA_3 | 1/25/95 | – | – | – | – | – | – | – | <50 |
| MESA_3 | 2/13/95 | – | – | – | – | – | – | – | 80 |
| MESA_3 | 2/23/95 | – | – | – | – | – | – | – | 90 |
| MESA_3 | 2/28/95 | – | – | – | – | – | – | – | 140 |
| MESA_3 | 3/5/95 | – | – | – | – | – | – | – | 80 |
| MESA_3 | 3/11/95 | – | – | – | – | – | – | – | 100 |
| MESA_3 | 5/7/95 | – | – | – | – | – | – | – | <50 |
| MESA_3 | 7/11/95 | – | – | – | – | – | – | – | 460 |
| MESA_3 | 8/14/95 | – | – | – | – | – | – | – | <660 |
| MESA_3 | 8/19/95 | – | – | – | – | – | – | – | <660 |
| MESA_3 | 8/24/95 | – | – | – | – | – | – | – | <660 |
| MESA_3 | 9/7/95 | – | – | – | – | – | – | – | <660 |
| MESA_3 | 9/28/95 | – | – | – | – | – | – | – | <660 |
| MESA_3 | 11/1/95 | – | – | – | – | – | – | – | 540 |
| MESA_3 | 2/1/96 | – | – | – | – | – | – | – | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondeal Count

## EPA Method 608
## Organochlorine Pesticides and PCB's

| Sampling Station Identification No. | Date | Zinc Dissolved (mg/l as Zn) | Aldrin Total (ug/l) | BHC - ALPHA (ug/l) | 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) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_3 | 12/4/92 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_3 | 12/8/92 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_3 | 1/7/93 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_3 | 2/8/93 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_3 | 8/24/93 | <50 | <1.0 | <0.6 | <0.5 | <0.2 | <50.0 | <10.0 | <10.0 |
| MESA_3 | 11/13/93 | 60 | <0.6 | <0.3 | <0.1 | <0.1 | <0.25 | <0.25 | <0.25 |
| MESA_3 | 1/25/94 | 150 | <0.1 | <0.6 | <0.5 | <0.2 | <2.0 | <50. | <10. |
| MESA_3 | 2/7/94 | <50 | <1.0 | <0.6 | <0.5 | <0.2 | <2.0 | <50. | <10. |
| MESA_3 | 5/25/94 | 50 | – | – | – | – | – | – | – |
| MESA_3 | 7/17/94 | 410 | <1.0 | <0.6 | <0.5 | <0.2 | <2.0 | <50. | <10. |
| MESA_3 | 8/8/94 | 200 | <10 | <6.0 | <5.0 | <2.0 | <20 | <500 | <100 |
| MESA_3 | 9/2/94 | 110 | <1.0 | <0.6 | <0.5 | <0.2 | <2.0 | <50. | <10. |
| MESA_3 | 10/15/94 | 100 | <1 | <1 | <1 | <1 | <10 | <10 | <10 |
| MESA_3 | 11/12/94 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <1.0 | <1.0 | <1.0 |
| MESA_3 | 12/5/94 | <50 | <0.1 | <0.05 | <0.05 | <0.4 | <1.0 | <1.0 | <1.0 |
| MESA_3 | 12/23/94 | <50 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 |
| MESA_3 | 1/4/95 | <50 | <0.10 | <0.050 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_3 | 1/25/95 | <50 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.02 | <0.02 |
| MESA_3 | 2/13/95 | 60 | <0.10 | <0.050 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_3 | 2/23/95 | 60 | <0.10 | <0.50 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_3 | 2/28/95 | 90 | <0.10 | <0.050 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_3 | 3/5/95 | <50 | <0.10 | <0.050 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_3 | 3/11/95 | <50 | <0.10 | <0.050 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_3 | 5/7/95 | 60 | <0.02 | <0.02 | <0.02 | <0.02 | <1 | <1 | <1 |
| MESA_3 | 7/11/95 | 110 | <0.10 | <0.050 | <0.40 | <0.050 | <1.0 | <1.0 | <1.0 |
| MESA_3 | 8/14/95 | <50 | <0.10 | <0.050 | <0.40 | <0.050 | <1.0 | <1.0 | <1.0 |
| MESA_3 | 8/19/95 | <50 | – | – | – | – | – | – | – |
| MESA_3 | 8/24/95 | 16 | <0.10 | <0.050 | <0.40 | <0.050 | <1.0 | <1.0 | <1.0 |
| MESA_3 | 9/7/95 | 150 | <0.10 | <0.050 | <0.40 | <0.050 | <1.0 | <1.0 | <1.0 |
| MESA_3 | 9/28/95 | <5 | <0.10 | <0.050 | <0.40 | <0.050 | <1.0 | <1.0 | <1.0 |
| MESA_3 | 11/1/95 | 370 | <1.0 | <0.6 | <0.5 | <0.2 | <2.0 | <50 | <10 |
| MESA_3 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | Aroclor 1242 PCB Total (ug/l) | Aroclor 1248 PCB Total (ug/l) | Aroclor 1254 PCB Total (ug/l) | 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) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_3 | 12/4/92 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_3 | 12/8/92 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | **0.13** | <0.05 |
| MESA_3 | 1/7/93 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | **0.017** | <0.05 |
| MESA_3 | 2/8/93 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | **0.033** | <0.05 |
| MESA_3 | 8/24/93 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 |
| MESA_3 | 11/13/93 | <0.25 | <0.25 | <0.25 | <0.25 | <1.5 | <0.6 | <0.1 | <0.05 |
| MESA_3 | 1/25/94 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 |
| MESA_3 | 2/7/94 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 |
| MESA_3 | 5/25/94 | – | – | – | – | – | – | <0.1 | – |
| MESA_3 | 7/17/94 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 |
| MESA_3 | 8/8/94 | <60 | <20 | <20 | <20 | <15 | <10 | <10 | <10 |
| MESA_3 | 9/2/94 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 |
| MESA_3 | 10/15/94 | <10 | <10 | <10 | <10 | <1 | <1 | <1 | <1 |
| MESA_3 | 11/12/94 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <0.1 | <0.1 | <0.1 |
| MESA_3 | 12/5/94 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <0.1 | <0.05 | <0.1 |
| MESA_3 | 12/23/94 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.02 | <0.02 |
| MESA_3 | 1/4/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.050 | <0.10 |
| MESA_3 | 1/25/95 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.01 | <0.01 | <0.01 |
| MESA_3 | 2/13/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.050 | <0.10 |
| MESA_3 | 2/23/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.050 | <0.10 |
| MESA_3 | 2/28/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.050 | <0.10 |
| MESA_3 | 3/5/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.050 | <0.10 |
| MESA_3 | 3/11/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.050 | <0.10 |
| MESA_3 | 5/7/95 | <1 | <1 | <1 | <1 | <0.05 | <0.02 | <0.02 | <0.02 |
| MESA_3 | 7/11/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | **0.06** | <0.10 |
| MESA_3 | 8/14/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | **0.17** | <0.10 |
| MESA_3 | 8/19/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 8/24/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | **0.18** | <0.10 |
| MESA_3 | 9/7/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.050 | <0.10 |
| MESA_3 | 9/28/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | **0.06** | <0.10 |
| MESA_3 | 11/1/95 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | <0.1 | <0.2 | <1.0 |
| MESA_3 | 2/1/96 | – | – | – | – | – | – | – | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondecal Count

| Sampling Station Identification No. | Date | Dieldrin Total (ug/l) | Endo-Sulfan Alpha Total (ug/l) | Endo-Sulfan Beta Total (ug/l) | Endo-Sulfan Sulfate Total (ug/l) | Endrin Aldehyde Total (ug/l) | Endrin Total (ug/l) | Heptachlor Total (ug/l) | Heptachlor Epoxide Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_3 | 8/22/92 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_3 | 12/4/92 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_3 | 12/8/92 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_3 | 1/7/93 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_3 | 2/8/93 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_3 | 8/24/93 | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 |
| MESA_3 | 11/13/93 | <0.3 | <0.2 | <0.5 | <0.2 | <0.3 | <0.1 | <0.3 | <0.1 |
| MESA_3 | 1/25/94 | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 |
| MESA_3 | 2/7/94 | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 |
| MESA_3 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_3 | 7/17/94 | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 |
| MESA_3 | 8/8/94 | <5.0 | <4.0 | <10 | <40 | <60 | <15 | <5.0 | <5.0 |
| MESA_3 | 9/2/94 | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 |
| MESA_3 | 10/15/94 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| MESA_3 | 11/12/94 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| MESA_3 | 12/5/94 | <0.1 | <0.15 | <0.1 | <0.75 | <0.25 | <0.1 | <0.1 | <0.1 |
| MESA_3 | 12/23/94 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.02 | <0.02 | <0.02 |
| MESA_3 | 1/4/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_3 | 1/25/95 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.01 |
| MESA_3 | 2/13/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_3 | 2/23/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_3 | 2/28/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_3 | 3/5/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_3 | 3/11/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_3 | 5/7/95 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.02 | <0.02 | <0.02 |
| MESA_3 | 7/11/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_3 | 8/14/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_3 | 8/19/95 | – | – | – | – | – | – | – | – |
| MESA_3 | 8/24/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_3 | 9/7/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_3 | 9/28/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_3 | 11/1/95 | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 |
| MESA_3 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | Ethyl-Benzene Total (ug/l) | Methylene Chloride Total (ug/l) | Toluene Total (ug/l) | Trichlorofluoromethane Total (ug/l) | Vinyl Chloride Total (ug/l) | Chloro-Di-Bromomethane Total (ug/l) | 4-Methyl 2- Pentanone MIBK Total (ug/l) | Acetone Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_2 | 12/8/92 | <7.2 | 1.6 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_2 | 1/7/93 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_2 | 2/8/93 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_2 | 8/6/93 | <2.0 | <5.0 | <2.0 | – | <5.0 | <5.0 | – | – |
| MESA_2 | 11/13/93 | <0.5 | – | <0.5 | – | <0.5 | <0.5 | – | – |
| MESA_2 | 1/25/94 | <5.0 | <5.0 | <5.0 | – | <10.0 | <5.0 | – | – |
| MESA_2 | 2/7/94 | <5.0 | <5.0 | <5.0 | – | <10.0 | <5.0 | – | – |
| MESA_2 | 3/7/94 | <2.0 | <5.0 | <2.0 | – | <5.0 | <2.0 | – | – |
| MESA_2 | 3/25/94 | <5.0 | <2.0 | <5.0 | – | <2.0 | <10.0 | – | – |
| MESA_2 | 4/26/94 | <5.0 | <2.0 | <5.0 | – | <2.0 | <10.0 | – | – |
| MESA_2 | 5/25/94 | – | <5.0 | <2.0 | – | – | – | – | – |
| MESA_2 | 8/8/94 | <4.0 | <10 | <4.0 | – | <10 | <4.0 | – | – |
| MESA_2 | 10/15/94 | <2.0 | <5.0 | <2.0 | – | <5.0 | <2.0 | – | – |
| MESA_2 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 12/5/94 | <2.0 | <10.0 | <2.0 | – | <5.0 | <2.0 | – | <10.0 |
| MESA_2 | 12/23/94 | <1.0 | <1.0 | <0.5 | – | <0.5 | <0.5 | – | <0.5 |
| MESA_2 | 1/4/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 1/17/95 | <0.5 | <1.0 | <0.5 | – | <0.5 | <0.5 | – | – |
| MESA_2 | 1/26/95 | <1.0 | <1.0 | <0.5 | – | <0.5 | <0.5 | – | <0.5 |
| MESA_2 | 3/5/95 | <2.0 | <10 | <2.0 | – | <5.0 | <2.0 | – | <10 |
| MESA_2 | 3/11/95 | <2.0 | <10 | <2.0 | – | <5.0 | <2.0 | – | <10 |
| MESA_2 | 5/7/95 | <0.5 | <1.0 | <0.5 | – | <0.5 | <0.5 | – | – |
| MESA_2 | 7/12/95 | <20.0 | <50.0 | <20.0 | <50.0 | <50.0 | <20.0 | – | – |
| MESA_2 | 8/19/95 | <2.0 | <5.0 | <2.0 | <5.0 | <5.0 | <2.0 | – | – |
| MESA_2 | 9/7/95 | <2.0 | <5.0 | <2.0 | <5.0 | <5.0 | <2.0 | – | – |
| MESA_2 | 9/28/95 | <2.0 | <5.0 | <2.0 | <5.0 | <5.0 | <2.0 | – | – |
| MESA_2 | 2/1/96 | <2.0 | <10 | <2.0 | <5.0 | <5.0 | <2.0 | – | 15 |

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

| Sampling Station Identification No. | Date | 2-Butanone Total (ug/l) | Carbon Disulfide Total (ug/l) | 1,2- Dichloroethene Total (ug/l) | Xylenes (ug/l) | 2-Hexanone Total (ug/l) | Styrene Total (ug/l) | Acrolein Total (ug/l) | Acrylonitirile Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_2 | 12/8/92 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_2 | 1/7/93 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_2 | 2/8/93 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_2 | 8/6/93 | – | – | – | – | – | – | <10.0 | <10.0 |
| MESA_2 | 11/13/93 | – | – | – | <0.5 | – | – | – | – |
| MESA_2 | 1/25/94 | – | – | – | <10.0 | – | – | <5.0 | <5.0 |
| MESA_2 | 2/7/94 | – | – | – | <10.0 | – | – | <5.0 | <5.0 |
| MESA_2 | 3/7/94 | – | – | – | <2.0 | – | – | <10.0 | <10.0 |
| MESA_2 | 3/25/94 | – | – | – | <2.0 | – | – | <5.0 | <10.0 |
| MESA_2 | 4/26/94 | – | – | – | <2.0 | – | – | <5.0 | <10.0 |
| MESA_2 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 8/8/94 | – | – | – | <4.0 | – | – | <20 | <20 |
| MESA_2 | 10/15/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 12/5/94 | <10.0 | <5.0 | – | <2.0 | <10.0 | <2.0 | – | – |
| MESA_2 | 12/23/94 | <0.5 | <0.5 | – | <1.0 | <0.5 | <0.5 | <0.5 | <0.5 |
| MESA_2 | 1/4/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 1/17/95 | – | – | – | <1.0 | – | – | <50. | <50. |
| MESA_2 | 1/26/95 | <0.5 | <0.5 | – | <1.0 | <0.5 | <0.5 | <0.5 | <0.5 |
| MESA_2 | 3/5/95 | <10 | <5.0 | – | <2.0 | <10 | <5.0 | – | – |
| MESA_2 | 3/11/95 | <10 | <5.0 | – | <2.0 | <10 | <5.0 | – | – |
| MESA_2 | 5/7/95 | – | – | – | <1.0 | – | – | – | – |
| MESA_2 | 7/12/95 | – | – | <20.0 | – | – | – | – | – |
| MESA_2 | 8/19/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 9/7/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 9/28/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 2/1/96 | <10 | <5.0 | – | <2.0 | <10 | <2.0 | – | – |

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

**EPA Method: 625**
**Base/Neutrals & Acids**

| Sampling Station Identification No. | Date | Bromobenzene Total (ug/l) | 1,3-Di Chloropropane Total (ug/l) | Methyl-Bromide (Bromomethane) Total (ug/l) | Methyl-Chloride (Chloromethane) Total (ug/l) | Parachlorotoluene Total (ug/l) | Dibromoethane Total (ug/l) | Acenaphthene Total (ug/l) | Acenaphthylene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_2 | 12/8/92 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_2 | 1/7/93 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_2 | 2/8/93 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_2 | 8/6/93 | – | – | – | – | – | – | <10.0 | <10.0 |
| MESA_2 | 11/13/93 | – | – | – | – | – | – | <10.0 | <10.0 |
| MESA_2 | 1/25/94 | – | – | – | – | – | – | <20.0 | <20.0 |
| MESA_2 | 2/7/94 | – | – | – | – | – | – | <20.0 | <20.0 |
| MESA_2 | 3/7/94 | – | – | – | – | – | – | <10.0 | <10.0 |
| MESA_2 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 4/26/94 | – | – | – | – | – | – | <10.0 | <10.0 |
| MESA_2 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 8/8/94 | – | – | – | – | – | – | <23 | <23 |
| MESA_2 | 10/15/94 | – | – | – | – | – | – | <10. | <10. |
| MESA_2 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 12/5/94 | – | – | – | – | – | – | <10 | <10 |
| MESA_2 | 12/23/94 | – | – | – | – | – | – | <2.0 | <2.0 |
| MESA_2 | 1/4/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 1/17/95 | – | – | – | – | – | – | <2.0 | <2.0 |
| MESA_2 | 1/26/95 | – | – | – | – | – | – | <2.0 | <2.0 |
| MESA_2 | 3/5/95 | – | – | – | – | – | – | <10 | <10 |
| MESA_2 | 3/11/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 5/7/95 | – | – | – | – | – | – | <2 | <2 |
| MESA_2 | 7/12/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 8/19/95 | – | – | <5.0 | <5.0 | – | – | <11 | <11 |
| MESA_2 | 9/7/95 | – | – | <5.0 | <5.0 | – | – | <250 | <250 |
| MESA_2 | 9/28/95 | – | – | <5.0 | <5.0 | – | – | <10 | <10 |
| MESA_2 | 2/1/96 | – | – | <5.0 | <5.0 | – | – | – | – |

NA = Not Analyzed
ND = Not Detected
= Undetermined
K### = Nominal Count

| Sampling Station Identification No. | Date | Anthracene Total (ug/l) | Benzidine Total (ug/l) | Benzoic Acid Total (ug/l) | Benzo-A Anthracene Total (ug/l) | Benzo(b)Fluoranthene Total (ug/l) | Benzo-K Fluoranthene Total (ug/l) | Benzo (GHI) Perylene Total (ug/l) | Benzo-A-Pyrene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | <1.9 | <10.0 | -- | <7.8 | -- | <2.5 | <4.1 | <2.5 |
| MESA_2 | 12/8/92 | <1.9 | <10.0 | -- | <7.8 | -- | <2.5 | <4.1 | <2.5 |
| MESA_2 | 1/7/93 | <1.9 | <10.0 | -- | <7.8 | -- | <2.5 | <4.1 | <2.5 |
| MESA_2 | 2/8/93 | <1.9 | <10.0 | -- | <7.8 | -- | <2.5 | <4.1 | <2.5 |
| MESA_2 | 8/6/93 | <10.0 | <20.0 | -- | <10.0 | -- | <10.0 | <10.0 | <10.0 |
| MESA_2 | 11/13/93 | <10.0 | <20.0 | -- | <10.0 | -- | <10.0 | <10.0 | <10.0 |
| MESA_2 | 1/25/94 | <20.0 | <40.0 | -- | <20.0 | -- | <20.0 | <20.0 | <20.0 |
| MESA_2 | 2/7/94 | <20.0 | <40.0 | -- | <20.0 | -- | <20.0 | <20.0 | <20.0 |
| MESA_2 | 3/7/94 | <10.0 | <20.0 | -- | <10.0 | -- | <10.0 | <10.0 | <10.0 |
| MESA_2 | 3/25/94 | -- | -- | -- | -- | -- | -- | -- | <20.0 |
| MESA_2 | 4/26/94 | <10.0 | -- | -- | <10.0 | -- | <10.0 | <10.0 | <10.0 |
| MESA_2 | 5/25/94 | -- | -- | -- | -- | -- | -- | -- | <10 |
| MESA_2 | 8/8/94 | <23 | -- | -- | <23 | -- | <23 | <23 | <23 |
| MESA_2 | 10/15/94 | <10. | <100. | -- | <10. | -- | <10. | <10. | <10. |
| MESA_2 | 11/12/94 | -- | -- | -- | -- | -- | -- | -- | <5.0 |
| MESA_2 | 12/5/94 | <10 | <100 | -- | <10 | -- | <10 | <10 | <10 |
| MESA_2 | 12/23/94 | <5.0 | <20. | -- | <2.0 | -- | <2.0 | <2.0 | <2.0 |
| MESA_2 | 1/4/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_2 | 1/17/95 | <5.0 | <20. | -- | <2.0 | -- | <2.0 | <2.0 | <2.0 |
| MESA_2 | 1/26/95 | <5.0 | <20. | -- | <2.0 | -- | <2.0 | <2.0 | <2.0 |
| MESA_2 | 3/5/95 | <10 | <100 | -- | <10 | -- | <10 | <10 | <10 |
| MESA_2 | 3/11/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_2 | 5/7/95 | <2 | <20 | <5 | <2 | <2 | <2 | <2 | <2 |
| MESA_2 | 7/12/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_2 | 8/19/95 | <11 | <110 | <110 | <11 | <11 | <11 | <11 | <11 |
| MESA_2 | 9/7/95 | <250 | <2500 | <2500 | <250 | <250 | <250 | <250 | <250 |
| MESA_2 | 9/28/95 | <10 | <100 | <100 | <10 | <10 | <10 | <10 | <10 |
| MESA_2 | 2/1/96 | -- | -- | -- | -- | -- | -- | -- | -- |

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

| Sampling Station Identification No. | Date | Benzyl Alcohol Total (ug/l) | Bis (2-Chloroethoxy) Methane Total (ug/l) | Bis (2-Chloroethyl) Ether Total (ug/l) | Bis (2-Chloroisopropyl) Ether Total (ug/l) | Bis(2-Ethyl Hexyl) Phthalate Total (ug/l) | 4-Bromo-Phenyl Phenyl Ether Total (ug/l) | Butyl Benzyl Phthalate Total (ug/l) | 2-Chloro-Naphthalene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_2 | 12/8/92 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_2 | 1/7/93 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_2 | 2/8/93 | – | <5.3 | <5.7 | <5.7 | **4.9** | <1.9 | <2.5 | <1.9 |
| MESA_2 | 8/6/93 | – | <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 |
| MESA_2 | 1/25/94 | – | <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 |
| MESA_2 | 3/7/94 | – | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_2 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 4/26/94 | – | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_2 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 8/8/94 | – | <23 | <23 | <23 | <23 | <23 | <23 | <23 |
| MESA_2 | 10/15/94 | – | <10. | <10. | <10. | <20. | <10. | <20. | <10. |
| MESA_2 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 12/5/94 | – | <10 | <10 | <10 | <20 | <10 | <20 | <10 |
| MESA_2 | 12/23/94 | – | <2.0 | <2.0 | <2.0 | **12** | <2.0 | <2.0 | <2.0 |
| MESA_2 | 1/4/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 1/17/95 | – | <2.0 | <2.0 | <2.0 | **13** | <2.0 | **2** | <2.0 |
| MESA_2 | 1/26/95 | – | <2.0 | <2.0 | <2.0 | **13** | <2.0 | **2** | <2.0 |
| MESA_2 | 3/5/95 | – | <10 | <10 | <10 | <20 | <10 | <20 | <10 |
| MESA_2 | 3/11/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 5/7/95 | <2 | <2 | <2 | <2 | **55** | <2 | <2 | <2 |
| MESA_2 | 7/12/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 8/19/95 | <21 | <11 | <11 | <11 | **65** | <11 | <21 | <11 |
| MESA_2 | 9/7/95 | <500 | <250 | <250 | <250 | <500 | <250 | <500 | <250 |
| MESA_2 | 9/28/95 | <20 | <10 | <10 | <10 | **51** | <10 | <20 | <10 |
| MESA_2 | 2/1/96 | – | – | – | – | – | – | – | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondical Count

| Sampling Station Identification No. | Date | 2-Chlorophenol Total (ug/l) | 4-Chloro-Phenyl Phenyl Ether Total (ug/l) | Chyrsene Total (ug/l) | Dibenzo-[a,h]-Anthracene (ug/l) | Di-N-Butyl Phthalate Total (ug/l) | 1,3-Di-Chlorobenzene Total (ug/l) | 1,4-Di-Chlorobenzene Total (ug/l) | 1,2-Di-Chlorobenzene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_2 | 12/8/92 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_2 | 1/7/93 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_2 | 2/8/93 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <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_2 | 3/25/94 | – | – | <20.0 | – | – | <2.0 | <2.0 | – |
| MESA_2 | 4/26/94 | <50.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_2 | 5/25/94 | – | – | <10 | – | – | – | – | – |
| MESA_2 | 8/8/94 | <23 | <23 | <23 | <23 | <23 | <23 | <23 | <23 |
| MESA_2 | 10/15/94 | <10. | <10. | <10. | <20. | <20. | <10. | <10. | <10. |
| MESA_2 | 11/12/94 | – | – | <5.0 | – | – | – | – | – |
| MESA_2 | 12/5/94 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_2 | 12/23/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_2 | 1/4/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 1/17/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_2 | 1/26/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_2 | 3/5/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_2 | 3/11/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 5/7/95 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| MESA_2 | 7/12/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 8/19/95 | <11 | <11 | <11 | <21 | <21 | <11 | <11 | <11 |
| MESA_2 | 9/7/95 | <250 | <250 | <250 | <500 | <500 | <250 | <250 | <250 |
| MESA_2 | 9/28/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_2 | 2/1/96 | – | – | – | – | – | – | – | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nominal Count

| Sampling Station Identification No. | Date | 3,3'-Di-Chlorobenzidine Total (ug/l) | 2,4-Di-Chlorophenol Total (ug/l) | Diethyl-Phthalate Total (ug/l) | 2,4-Di-Methylphenol Total (ug/l) | Dimethyl-Phthalate Total (ug/l) | 2-Methyl-4,6-Dinitrophenol (ug/l) | 2,4-Dinitro-phenol (ug/l) | 2,4-Di-Nitrotoluene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_2 | 12/8/92 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_2 | 1/7/93 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_2 | 2/8/93 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_2 | 8/6/93 | <20.0 | <10.0 | <10.0 | <10.0 | <10.0 | <30.0 | <50.0 | <10.0 |
| MESA_2 | 11/13/93 | <20.0 | <10.0 | <10.0 | <10.0 | <10.0 | <30.0 | <50.0 | <10.0 |
| MESA_2 | 1/25/94 | <40.0 | <20.0 | <20.0 | <20.0 | <20.0 | <60.0 | <100.0 | <20.0 |
| MESA_2 | 2/7/94 | <40.0 | <20.0 | <20.0 | <20.0 | <20.0 | <60.0 | <100.0 | <20.0 |
| MESA_2 | 3/7/94 | <20.0 | <10.0 | <10.0 | <10.0 | <10.0 | <30.0 | <50.0 | <10.0 |
| MESA_2 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 4/26/94 | <20.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | <20.0 |
| MESA_2 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 8/8/94 | <46 | <23 | <23 | – | <23 | <69 | <120 | <23 |
| MESA_2 | 10/15/94 | <40. | <10. | <10. | <20. | <10.0 | – | <100. | <10.0 |
| MESA_2 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 12/5/94 | <40 | <10 | <10 | <20 | <10 | – | <100 | <10 |
| MESA_2 | 12/23/94 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | – | <10. | <2.0 |
| MESA_2 | 1/4/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 1/17/95 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | – | <10. | <2.0 |
| MESA_2 | 1/26/95 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | – | <10. | <2.0 |
| MESA_2 | 3/5/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_2 | 3/11/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 5/7/95 | <5 | <2 | <2 | <2 | <2 | <5 | <10 | <2 |
| MESA_2 | 7/12/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 8/19/95 | <43 | <11 | <11 | <21 | <11 | <43 | <110 | <11 |
| MESA_2 | 9/7/95 | <1000 | <250 | <250 | <500 | <250 | <1000 | <2500 | <250 |
| MESA_2 | 9/28/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_2 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | 2,6-Di-Nitrotoluene Total (ug/l) | Di-N-Octyl-Phthalate Total (ug/l) | Fluoranthene Total (ug/l) | Fluorene 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) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_2 | 12/8/92 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_2 | 1/7/93 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_2 | 2/8/93 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| 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_2 | 3/25/94 | – | – | <20.0 | – | – | – | – | – |
| MESA_2 | 4/26/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | <10.0 |
| MESA_2 | 5/25/94 | – | – | <10 | – | – | – | – | – |
| MESA_2 | 8/8/94 | <23 | <23 | <23 | <23 | <23 | <23 | <23 | <23 |
| MESA_2 | 10/15/94 | <10. | <40. | <10. | <10. | <10. | <10. | <40. | <10. |
| MESA_2 | 11/12/94 | – | – | <5.0 | – | – | – | – | – |
| MESA_2 | 12/5/94 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_2 | 12/23/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_2 | 1/4/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 1/17/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_2 | 1/26/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_2 | 3/5/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_2 | 3/11/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 5/7/95 | <2 | <2 | <2 | <2 | <2 | <2 | <2 | <2 |
| MESA_2 | 7/12/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 8/19/95 | <11 | <43 | <11 | <11 | <11 | <11 | <43 | <11 |
| MESA_2 | 9/7/95 | <250 | <1000 | <250 | <250 | <250 | <250 | <1000 | <250 |
| MESA_2 | 9/28/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_2 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | Indeno (1,2,3-CD) Pyrene Total (ug/l) | Iso-Phorone Total (ug/l) | Naphthalene Total (ug/l) | Nitrobenzene Total (ug/l) | 2-Nitrophenol Total (ug/l) | 4-Nitrophenol Total (ug/l) | N-Nitrosodi-Phenylamine Total (ug/l) | N-Nitrosodi-N-Propylamine Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_2 | 12/8/92 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_2 | 1/7/93 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_2 | 2/8/93 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_2 | 8/6/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <20.0 | <20.0 |
| MESA_2 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <20.0 | <20.0 |
| MESA_2 | 1/25/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <40.0 | <40.0 |
| MESA_2 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <40.0 | <40.0 |
| MESA_2 | 3/7/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <20.0 | <20.0 |
| MESA_2 | 3/25/94 | <20.0 | – | – | – | – | – | – | – |
| MESA_2 | 4/26/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | – |
| MESA_2 | 5/25/94 | <10 | – | – | – | – | – | – | – |
| MESA_2 | 8/8/94 | <23 | <23 | <23 | <23 | <23 | <23 | – | <46 |
| MESA_2 | 10/15/94 | <20. | <10.0 | <10. | <40.0 | <10. | <100. | <10.0 | <10.0 |
| MESA_2 | 11/12/94 | <5.0 | – | – | – | – | – | – | – |
| MESA_2 | 12/5/94 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_2 | 12/23/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_2 | 1/4/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 1/17/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_2 | 1/26/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_2 | 3/5/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_2 | 3/11/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 5/7/95 | <2 | <2 | <2 | <2 | <2 | <5 | <2 | <2 |
| MESA_2 | 7/12/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 8/19/95 | <21 | <11 | <11 | <43 | <11 | <110 | <11 | <11 |
| MESA_2 | 9/7/95 | <500 | <250 | <250 | <1000 | <250 | <2500 | <250 | <250 |
| MESA_2 | 9/28/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_2 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | Penta-Chlorophenol Total (ug/l) | Phenanthrene Total (ug/l) | Phenol Total (ug/l) | Pyrene Total (ug/l) | 1,2,4-Tri-Chlorobenzene Total (ug/l) | 2,4,5-Trichlorophenol Total (ug/l) | 2,4,6-Tri-Chlorophenol Total (ug/l) | N-Nitrosodi-Methylamine Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | -- | <2.7 | <10.0 |
| MESA_2 | 12/8/92 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | -- | <2.7 | <10.0 |
| MESA_2 | 1/7/93 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | -- | <2.7 | <10.0 |
| MESA_2 | 2/8/93 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | -- | <2.7 | <10.0 |
| MESA_2 | 8/6/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | -- | <10.0 | <20.0 |
| MESA_2 | 11/13/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | -- | <10.0 | <20.0 |
| MESA_2 | 1/25/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | -- | <20.0 | <40.0 |
| MESA_2 | 2/7/94 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | -- | <20.0 | <40.0 |
| MESA_2 | 3/7/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | -- | <10.0 | <20.0 |
| MESA_2 | 3/25/94 | -- | -- | -- | <20.0 | -- | -- | -- | <2.0 |
| MESA_2 | 4/26/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | -- | <30.0 | <2.0 |
| MESA_2 | 5/25/94 | -- | -- | -- | <10 | -- | -- | -- | -- |
| MESA_2 | 8/8/94 | <23 | <23 | <23 | <23 | <23 | -- | <23 | -- |
| MESA_2 | 10/15/94 | <40. | <10. | <10. | <10. | <10. | -- | <20.0 | -- |
| MESA_2 | 11/12/94 | -- | -- | -- | <5.0 | -- | -- | -- | -- |
| MESA_2 | 12/5/94 | <40 | <10 | <10 | <10 | <10 | -- | <20 | -- |
| MESA_2 | 12/23/94 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | <5.0 | <0.5 |
| MESA_2 | 1/4/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_2 | 1/17/95 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | <5.0 | -- |
| MESA_2 | 1/26/95 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | -- | <5.0 | <0.5 |
| MESA_2 | 3/5/95 | <40 | <10 | <10 | <10 | <10 | -- | <20 | -- |
| MESA_2 | 3/11/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_2 | 5/7/95 | <5 | <2 | <2 | <2 | <2 | <5 | <5 | -- |
| MESA_2 | 7/12/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_2 | 8/19/95 | <43 | <11 | <11 | <11 | <11 | <21 | <21 | -- |
| MESA_2 | 9/7/95 | <1000 | <250 | <250 | <250 | <250 | <500 | <500 | -- |
| MESA_2 | 9/28/95 | <40 | <10 | <10 | <10 | <10 | <20 | <20 | -- |
| MESA_2 | 2/1/96 | -- | -- | -- | -- | -- | -- | -- | -- |

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

| Sampling Station Identification No. | Date | 1,2-Di-Phenylhydrazine Total Recoverable (ug/l) | Dichloro difluoromethane Total (ug/l) | Parachloro-Meta-Cresol Total (ug/l) |
|---|---|---|---|---|
| MESA_2 | 12/4/92 | – | – | <3.0 |
| MESA_2 | 12/8/92 | – | – | <3.0 |
| MESA_2 | 1/7/93 | – | – | <3.0 |
| MESA_2 | 2/8/93 | – | – | <3.0 |
| MESA_2 | 8/6/93 | <20.0 | – | – |
| MESA_2 | 11/13/93 | <20.0 | – | – |
| MESA_2 | 1/25/94 | <40.0 | – | – |
| MESA_2 | 2/7/94 | <40.0 | – | – |
| MESA_2 | 3/7/94 | <20.0 | – | – |
| MESA_2 | 3/25/94 | – | – | – |
| MESA_2 | 4/26/94 | – | – | – |
| MESA_2 | 5/25/94 | – | – | – |
| MESA_2 | 8/8/94 | – | – | – |
| MESA_2 | 10/15/94 | <1000. | – | – |
| MESA_2 | 11/12/94 | – | – | – |
| MESA_2 | 12/5/94 | – | – | – |
| MESA_2 | 12/23/94 | <2.0 | – | – |
| MESA_2 | 1/4/95 | – | – | – |
| MESA_2 | 1/17/95 | <2.0 | – | – |
| MESA_2 | 1/26/95 | <2.0 | – | – |
| MESA_2 | 3/5/95 | – | – | – |
| MESA_2 | 3/11/95 | – | – | – |
| MESA_2 | 5/7/95 | <2 | – | – |
| MESA_2 | 7/12/95 | – | – | – |
| MESA_2 | 8/19/95 | – | – | – |
| MESA_2 | 9/7/95 | – | – | – |
| MESA_2 | 9/28/95 | – | – | – |
| MESA_2 | 2/1/96 | – | – | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nominal Count

# MESA 3

## EPA Method 608
## Organochlorine Pesticides and PCB's

| Sampling Station Identification No. | Date | Zinc Dissolved (mg/l as Zn) | Aldrin Total (ug/l) | BHC - ALPHA (ug/l) | 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) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_2 | 12/8/92 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_2 | 1/7/93 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_2 | 2/8/93 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_2 | 8/6/93 | <50 | <0.01 | <0.6 | <0.5 | <0.2 | <2.0 | <50.0 | <10.0 |
| MESA_2 | 11/13/93 | **60** | <0.8 | <0.3 | <0.1 | <0.1 | <0.25 | <0.25 | <0.25 |
| MESA_2 | 1/25/94 | **140** | <1.0 | <0.6 | <0.5 | <0.2 | <2.0 | <50.0 | <10.0 |
| MESA_2 | 2/7/94 | **110** | <1.0 | <0.6 | <0.5 | <0.2 | <2.0 | <50.0 | <10.0 |
| MESA_2 | 3/7/94 | <50 | <1.0 | <0.6 | <0.5 | <0.2 | <2.0 | <50.0 | <10.0 |
| MESA_2 | 3/25/94 | <50 | <1.0 | – | – | – | – | – | – |
| MESA_2 | 4/26/94 | <50 | **9.4** | <1.0 | <0.6 | <0.5 | <0.2 | <2.0 | <50.0 |
| MESA_2 | 5/25/94 | <50 | – | – | – | – | – | – | – |
| MESA_2 | 8/8/94 | **70** | <10 | <6.0 | <5.0 | <2.0 | <20 | <500 | <100 |
| MESA_2 | 10/15/94 | <50 | <1.0 | <1.0 | <1.0 | <1.0 | <10. | <10. | <10. |
| MESA_2 | 11/12/94 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <1.0 | <1.0 | <1.0 |
| MESA_2 | 12/5/94 | <50 | <0.1 | <0.05 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_2 | 12/23/94 | <50 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 |
| MESA_2 | 1/4/95 | <50 | <0.1 | <0.05 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_2 | 1/17/95 | <50 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.01 | <0.01 |
| MESA_2 | 1/26/95 | <50 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.05 | <0.05 |
| MESA_2 | 3/5/95 | – | <0.11 | <0.055 | <0.055 | <0.44 | <1.1 | <1.1 | <1.1 |
| MESA_2 | 3/11/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 5/7/95 | **60** | <0.01 | <0.01 | <0.01 | <0.01 | <0.4 | <0.4 | <0.4 |
| MESA_2 | 7/12/95 | <50 | – | – | – | – | – | – | – |
| MESA_2 | 8/19/95 | <50 | <0.10 | <0.050 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_2 | 9/7/95 | **58** | <0.10 | <0.050 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_2 | 9/28/95 | <5 | <0.10 | <0.050 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_2 | 2/1/96 | **92** | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | Aroclor 1242 PCB Total (ug/l) | Aroclor 1248 PCB Total (ug/l) | Aroclor 1254 PCB Total (ug/l) | 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) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | **0.14** | <0.05 |
| MESA_2 | 12/8/92 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | **0.027** | <0.05 |
| MESA_2 | 1/7/93 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | **0.12** | <0.05 |
| MESA_2 | 2/8/93 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | **0.016** | <0.05 |
| MESA_2 | 8/6/93 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 |
| MESA_2 | 11/13/93 | <0.25 | <0.25 | <0.25 | <0.25 | <1.5 | <0.05 | <0.1 | <0.6 |
| MESA_2 | 1/25/94 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 |
| MESA_2 | 2/7/94 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 |
| MESA_2 | 3/7/94 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 |
| MESA_2 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 4/26/94 | <10.0 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | – | – |
| MESA_2 | 5/25/94 | – | – | – | – | – | – | <0.1 | – |
| MESA_2 | 8/8/94 | <60 | <20 | <20 | <40 | <15 | <1.0 | <1.0 | <10 |
| MESA_2 | 10/15/94 | <10. | <10. | <10. | <10. | <1.0 | <1.0 | <1.0 | <1.0 |
| MESA_2 | 11/12/94 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <0.1 | <0.1 | <0.1 |
| MESA_2 | 12/5/94 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.050 | <0.10 |
| MESA_2 | 12/23/94 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.02 | <0.02 |
| MESA_2 | 1/4/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.050 | <0.10 |
| MESA_2 | 1/17/95 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.005 | <0.005 | <0.005 |
| MESA_2 | 1/26/95 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.02 | <0.02 | <0.02 |
| MESA_2 | 3/5/95 | <1.1 | <1.1 | <1.1 | <1.1 | <0.17 | <0.11 | <0.055 | <0.11 |
| MESA_2 | 3/11/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 5/7/95 | <0.4 | <0.4 | <0.4 | <0.4 | <0.02 | <0.01 | <0.01 | <0.01 |
| MESA_2 | 7/12/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 8/19/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | **0.11** | <0.10 |
| MESA_2 | 9/7/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.050 | <0.10 |
| MESA_2 | 9/28/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | **0.1** | <0.10 |
| MESA_2 | 2/1/96 | – | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | Dieldrin Total (ug/l) | Endo-Sulfan Alpha Total (ug/l) | Endo-Sulfan Beta Total (ug/l) | Endo-Sulfan Sulfate Total (ug/l) | Endrin Aldehyde Total (ug/l) | Endrin Total (ug/l) | Heptachlor Total (ug/l) | Heptachlor Epoxide Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_2 | 12/8/92 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_2 | 1/7/93 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_2 | 2/8/93 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_2 | 8/6/93 | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 |
| MESA_2 | 11/13/93 | <0.3 | <0.2 | <0.5 | <0.2 | <0.3 | <0.1 | <0.3 | <0.1 |
| MESA_2 | 1/25/94 | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 |
| MESA_2 | 2/7/94 | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 |
| MESA_2 | 3/7/94 | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 |
| MESA_2 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 4/26/94 | – | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 |
| MESA_2 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 8/8/94 | <5.0 | <4.0 | <10.0 | <4.0 | <6.0 | <15 | <5.0 | <5.0 |
| MESA_2 | 10/15/94 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MESA_2 | 11/12/94 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| MESA_2 | 12/5/94 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_2 | 12/23/94 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.02 | <0.02 | <0.02 |
| MESA_2 | 1/4/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_2 | 1/17/95 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 |
| MESA_2 | 1/26/95 | <0.02 | <0.02 | <0.02 | <0.02 | <0.05 | <0.02 | <0.02 | <0.02 |
| MESA_2 | 3/5/95 | <0.11 | <0.17 | <0.11 | <0.83 | <0.28 | <0.11 | <0.11 | <0.11 |
| MESA_2 | 3/11/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 5/7/95 | <0.01 | <0.01 | <0.01 | <0.01 | <0.02 | <0.01 | <0.01 | <0.01 |
| MESA_2 | 7/12/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 8/19/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_2 | 9/7/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_2 | 9/28/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_2 | 2/1/96 | – | – | – | – | – | – | – | – |

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

## EPA Method: 624
## Purgeables

| Sampling Station Identification No. | Date | Toxaphene Total (ug/l) | Methoxychlor Total (ug/l) | Beta Benzene Hexachloride Total (ug/l) | 1,1,2,2-Tetra-Chloroethane Total (ug/l) | 1,1,1,2-Tetra Chloroethane Total (ug/l) | Tetra-chloroethene PCE (ug/l) | 1,1,1-Tri-Chloroethane Total (ug/l) | 1,1,2-Tri-Chloroethane Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | <0.20 | – | <0.01 | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_2 | 12/8/92 | <0.20 | – | <0.01 | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_2 | 1/7/93 | <0.20 | – | <0.01 | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_2 | 2/8/93 | <0.20 | – | <0.01 | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_2 | 8/6/93 | <2.5 | – | <0.6 | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_2 | 11/13/93 | <2.5 | – | <0.3 | <0.5 | – | <0.5 | <0.5 | <0.5 |
| MESA_2 | 1/25/94 | <2.5 | – | <0.6 | <5.0 | – | <5.0 | <5.0 | <5.0 |
| MESA_2 | 2/7/94 | <2.5 | – | <0.6 | <5.0 | – | <5.0 | <5.0 | <5.0 |
| MESA_2 | 3/7/94 | <2.5 | – | <0.6 | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_2 | 3/25/94 | – | – | – | – | – | <2.0 | <2.0 | <2.0 |
| MESA_2 | 4/26/94 | <0.5 | – | <1.0 | <2.5 | – | <2.0 | <2.0 | <2.0 |
| MESA_2 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 8/8/94 | <25 | – | <6.0 | <4.0 | – | <4.0 | <4.0 | <4.0 |
| MESA_2 | 10/15/94 | <1.0 | – | <1.0 | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_2 | 11/12/94 | <0.1 | – | <0.1 | – | – | – | – | – |
| MESA_2 | 12/5/94 | <0.50 | – | <0.05 | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_2 | 12/23/94 | <0.05 | – | <0.02 | <0.5 | – | <0.05 | <0.05 | <0.05 |
| MESA_2 | 1/4/95 | <0.50 | – | <0.05 | – | – | – | – | – |
| MESA_2 | 1/17/95 | <0.01 | – | <0.005 | <0.5 | – | <0.5 | <0.5 | <0.5 |
| MESA_2 | 1/26/95 | <0.05 | – | <0.02 | <0.5 | – | <0.05 | <0.05 | <0.05 |
| MESA_2 | 3/5/95 | <0.55 | – | <0.055 | <2.0 | – | **10** | <2.0 | <2.0 |
| MESA_2 | 3/11/95 | – | – | – | <2.0 | – | **8.1** | <2.0 | <2.0 |
| MESA_2 | 5/7/95 | <0.02 | <0.01 | <0.01 | <0.5 | – | **1.8** | <0.5 | <0.5 |
| MESA_2 | 7/12/95 | – | – | – | <20.0 | – | <20.0 | <20.0 | <20.0 |
| MESA_2 | 8/19/95 | <0.50 | <10 | <0.050 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_2 | 9/7/95 | <0.50 | <10 | <0.050 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_2 | 9/28/95 | <0.50 | <10 | <0.050 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_2 | 2/1/96 | – | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |

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

| Sampling Station Identification No. | Date | 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) | cis-1,3-Dichloro-propene (ug/l) | trans-1,2-Dichloroethene (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | -- | <5.0 | <1.6 |
| MESA_2 | 12/8/92 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | -- | <5.0 | <1.6 |
| MESA_2 | 1/7/93 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | -- | <5.0 | <1.6 |
| MESA_2 | 2/8/93 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | -- | <5.0 | <1.6 |
| MESA_2 | 8/6/93 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_2 | 11/13/93 | <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 | <15.0 | <5.0 | <5.0 |
| MESA_2 | 2/7/94 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <15.0 | <5.0 | <5.0 |
| MESA_2 | 3/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_2 | 3/25/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_2 | 4/26/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_2 | 5/25/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_2 | 8/8/94 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <10. | <4.0 | <4.0 |
| MESA_2 | 10/15/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_2 | 11/12/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_2 | 12/5/94 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_2 | 12/23/94 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MESA_2 | 1/4/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_2 | 1/17/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | <0.5 | <0.5 |
| MESA_2 | 1/26/95 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| MESA_2 | 3/5/95 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_2 | 3/11/95 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_2 | 5/7/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | -- | <0.5 | <0.5 |
| MESA_2 | 7/12/95 | <20.0 | <20.0 | <20.0 | <20.0 | <20.0 | <50.0 | <20.0 | <20.0 |
| MESA_2 | 8/19/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_2 | 9/7/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_2 | 9/28/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_2 | 2/1/96 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |

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

| Sampling Station Identification No. | Date | trans-1,3-Dichloropropene (ug/l) | Benzene Total (ug/l) | Bromodichloro-methane (ug/l) | Bromoform Total (ug/l) | Carbon-tetrachloride Total (ug/l) | Chlorobenzene Total (ug/l) | Chloroethane (ug/l) | Chloroform Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_2 | 12/8/92 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_2 | 1/7/93 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_2 | 2/8/93 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_2 | 8/6/93 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <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 | <10 | <10 | <5.0 |
| MESA_2 | 2/7/94 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | <10 | <10 | <5.0 |
| MESA_2 | 3/7/94 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_2 | 3/25/94 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 |
| MESA_2 | 4/26/94 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 |
| MESA_2 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 8/8/94 | <4.0 | <4.0 | <4.0 | <10 | <4.0 | <4.0 | <10 | <4.0 |
| MESA_2 | 10/15/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_2 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_2 | 12/5/94 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_2 | 12/23/94 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <1.0 | <0.5 |
| MESA_2 | 1/4/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 1/17/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 |
| MESA_2 | 1/26/95 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <1.0 | <0.5 |
| MESA_2 | 3/5/95 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_2 | 3/11/95 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_2 | 5/7/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 |
| MESA_2 | 7/12/95 | <20.0 | <20.0 | <20.0 | <50.0 | <20.0 | <20.0 | <50.0 | <20.0 |
| MESA_2 | 8/19/95 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_2 | 9/7/95 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_2 | 9/28/95 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_2 | 2/1/96 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |

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

| Sampling Station Identification No. | Date | Penta-Chlorophenol Total (ug/l) | Phenanthrene Total (ug/l) | Phenol Total (ug/l) | Pyrene Total (ug/l) | 1,2,4-Tri-Chlorobenzene Total (ug/l) | 2,4,5-Trichlorophenol Total (ug/l) | 2,4,6-Tri-Chlorophenol Total (ug/l) | N-Nitrosodi-Methylamine Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_1 | 10/28/92 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_1 | 12/4/92 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_1 | 12/8/92 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_1 | 1/7/93 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_1 | 2/8/93 | <3.6 | <5.4 | <1.5 | <1.9 | <1.9 | – | <2.7 | <10.0 |
| MESA_1 | 8/20/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | <10.0 | <20.0 |
| MESA_1 | 10/6/93 | – | – | – | – | – | – | – | – |
| MESA_1 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/7/94 | – | – | – | <10.0 | – | – | – | – |
| MESA_1 | 3/25/94 | – | – | – | <20 | – | – | – | <2.0 |
| MESA_1 | 4/26/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | <30.0 | <2.0 |
| MESA_1 | 5/25/94 | – | – | – | <10.0 | – | – | – | – |
| MESA_1 | 7/19/94 | – | – | – | <10.0 | – | – | – | – |
| MESA_1 | 8/8/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 10/15/94 | <40 | <10. | <10. | <10. | <10. | – | <20.0 | – |
| MESA_1 | 11/12/94 | – | – | – | <5.0 | – | – | – | – |
| MESA_1 | 12/5/94 | <40 | <10. | <10. | <10. | <10. | – | <20. | – |
| MESA_1 | 1/4/95 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | – | <5.0 | – |
| MESA_1 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/5/95 | <43 | <11 | <11 | <11 | <11 | – | <22 | – |
| MESA_1 | 3/11/95 | <43 | <11 | <11 | <11 | <11 | – | <22 | – |
| MESA_1 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/19/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 9/7/95 | <40 | <10 | <10 | <10 | <10 | <20 | <20 | – |
| MESA_1 | 11/1/95 | <40 | <10 | <10 | <10 | <10 | <20 | <20 | – |
| MESA_1 | 2/1/96 | | | | | | | | |

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

| Sampling Station Identification No. | Date | 1,2-Di-Phenylhydrazine Total Recoverable (ug/l) | Dichloro difluoromethane Total (ug/l) | Parachloro-Meta-Cresol Total (ug/l) |
|---|---|---|---|---|
| MESA_1 | 8/22/92 | – | – | <3.0 |
| MESA_1 | 10/28/92 | – | – | <3.0 |
| MESA_1 | 12/4/92 | – | – | <3.0 |
| MESA_1 | 12/8/92 | – | – | <3.0 |
| MESA_1 | 1/7/93 | – | – | <3.0 |
| MESA_1 | 2/8/93 | – | – | <3.0 |
| MESA_1 | 8/20/93 | <20.0 | – | – |
| MESA_1 | 10/6/93 | – | – | – |
| MESA_1 | 2/7/94 | – | – | – |
| MESA_1 | 3/7/94 | – | – | – |
| MESA_1 | 3/25/94 | – | – | – |
| MESA_1 | 4/26/94 | – | – | – |
| MESA_1 | 5/25/94 | – | – | – |
| MESA_1 | 7/19/94 | – | – | – |
| MESA_1 | 8/8/94 | – | – | – |
| MESA_1 | 10/15/94 | <1000. | – | – |
| MESA_1 | 11/12/94 | – | – | – |
| MESA_1 | 12/5/94 | <1000. | – | – |
| MESA_1 | 1/4/95 | <2.0 | – | – |
| MESA_1 | 2/28/95 | – | – | – |
| MESA_1 | 3/5/95 | – | – | – |
| MESA_1 | 3/11/95 | – | – | – |
| MESA_1 | 5/7/95 | – | – | – |
| MESA_1 | 8/19/95 | – | – | – |
| MESA_1 | 9/7/95 | – | – | – |
| MESA_1 | 11/1/95 | – | – | – |
| MESA_1 | 2/1/96 | | | |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondetect Count

# MESA 2

| Sampling Station Identification No. | Date | Agency Collecting Sample | Agency Analyzing Sample | Drainage Area (acres) DA | Impervious Area (acres) IA | Land Use (%) LUR | LUC | LUI | LUN | Storm Duration (min.) DRN | Total Runoff (cu. ft.) RUN | Instantaneous Discharge (cfs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | Mesa | ATL | 145 | 37 | 99 | 0 | 1 | 0 | UA | UA | 13.16 |
| MESA_2 | 12/8/92 | Mesa | ATL | 145 | 37 | 99 | 0 | 1 | 0 | UA | UA | 4.12 |
| MESA_2 | 1/7/93 | Mesa | ATL | 145 | 37 | 99 | 0 | 1 | 0 | UA | UA | 2.30 |
| MESA_2 | 2/8/93 | Mesa | ATL | 145 | 37 | 99 | 0 | 1 | 0 | UA | UA | 8.37 |
| MESA_2 | 8/6/93 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 230 | 20,200 | 6.62 |
| MESA_2 | 11/13/93 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | UA | UA | UA |
| MESA_2 | 1/25/94 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 240 | 26,453 | 4.67 |
| MESA_2 | 2/7/94 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 294 | 37,190 | 3.44 |
| MESA_2 | 3/7/94 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 246 | 17,030 | 2.30 |
| MESA_2 | 3/25/94 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 290 | 30,902 | 6.87 |
| MESA_2 | 4/26/94 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 234 | 30,939 | 6.25 |
| MESA_2 | 5/25/94 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 160 | 22,964 | 5.24 |
| MESA_2 | 8/8/94 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 154 | 21,025 | 4.71 |
| MESA_2 | 10/15/94 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 150 | 65,420 | 22.01 |
| MESA_2 | 11/12/94 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 402 | 27,975 | 2.15 |
| MESA_2 | 12/5/94 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 516 | 43,610 | 3.79 |
| MESA_2 | 12/23/94 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 308 | 50,227 | 5.75 |
| MESA_2 | 1/4/95 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 622 | 43,355 | 1.70 |
| MESA_2 | 1/17/95 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | UA | UA | UA |
| MESA_2 | 1/26/95 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 718 | 53,975 | 2.60 |
| MESA_2 | 3/5/95 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 908 | 8,263 | 0.51 |
| MESA_2 | 3/11/95 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 592 | 2,117 | 0.62 |
| MESA_2 | 5/7/95 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 932 | 52,068 | 1.48 |
| MESA_2 | 7/12/95 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 704 | 41,769 | 2.13 |
| MESA_2 | 8/19/95 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 184 | 84,603 | 22.52 |
| MESA_2 | 9/7/95 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 552 | 58,677 | 3.26 |
| MESA_2 | 9/28/95 | FCD | WESTECH | 145 | 37 | 99 | 0 | 1 | 0 | 294 | 122,465 | 29.41 |
| MESA_2 | 2/1/96 | FCD | DEL MAR | 145 | 37 | 99 | 0 | 1 | 0 | 550 | 57,569 | 5.10 |

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

## Physical Properties

| Sampling Station Identification No. | Date | Preceding Dry Period (days) ANT | Total Rainfall (in.) TRN | Maximum 5-minute Rain Intensity MAX5 | Sample Temp. (deg C) | Effluent Temp. (deg C) | Ambient Temp. (deg C) | Barometric Pressure (mm og Hg) | pH Effluent (Standard Units) | pH LAB Sample (Standard Units) | Specific Conductance FIELD (us/cm) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | UD | UA | UA | NM | NM | NM | NM | NM | 7.1 | – |
| MESA_2 | 12/8/92 | 4 | UA | UA | NM | NM | NM | NM | NM | 6.6 | – |
| MESA_2 | 1/7/93 | 30 | UA | UA | NM | NM | NM | NM | NM | 7.4 | – |
| MESA_2 | 2/8/93 | 32 | UA | UA | NM | NM | NM | NM | NM | 6.6 | – |
| MESA_2 | 8/6/93 | 179 | 0.25 | UA | NM | NM | NM | NM | NM | 7.26 | – |
| MESA_2 | 11/13/93 | 99 | UA | UA | NM | NM | NM | NM | NM | – | – |
| MESA_2 | 1/25/94 | 73 | 0.15 | 0.54 | NM | NM | NM | NM | NM | – | – |
| MESA_2 | 2/7/94 | 13 | 0.33 | 0.12 | NM | NM | NM | NM | NM | 7.43 | – |
| MESA_2 | 3/7/94 | 28 | 0.15 | 0.48 | NM | NM | NM | NM | NM | 7.78 | – |
| MESA_2 | 3/25/94 | 18 | 0.37 | 0.36 | NM | NM | NM | NM | NM | 7.7 | – |
| MESA_2 | 4/26/94 | 32 | 0.35 | 0.36 | NM | NM | NM | NM | NM | 7.77 | – |
| MESA_2 | 5/25/94 | 29 | 0.20 | 1.32 | NM | NM | NM | NM | NM | 8.07 | – |
| MESA_2 | 8/8/94 | 75 | 0.13 | 1.20 | NM | NM | NM | NM | NM | 7.94 | – |
| MESA_2 | 10/15/94 | 68 | 0.52 | 3.96 | NM | NM | NM | NM | NM | 7.75 | – |
| MESA_2 | 11/12/94 | 28 | 0.19 | 0.72 | NM | NM | NM | NM | NM | 7.59 | – |
| MESA_2 | 12/5/94 | 23 | 0.39 | 0.12 | NM | NM | NM | NM | NM | 7.67 | – |
| MESA_2 | 12/23/94 | 18 | 0.42 | 0.36 | NM | NM | NM | NM | NM | 7.11 | – |
| MESA_2 | 1/4/95 | 12 | 0.16 | 0.12 | NM | NM | NM | NM | NM | 7.7 | – |
| MESA_2 | 1/17/95 | 13 | UA | UA | NM | NM | NM | NM | NM | 7.88 | – |
| MESA_2 | 1/26/95 | 9 | 0.17 | 0.12 | NM | NM | NM | NM | NM | 7.18 | – |
| MESA_2 | 3/5/95 | 38 | 0.90 | 0.48 | NM | NM | NM | NM | NM | – | – |
| MESA_2 | 3/11/95 | 6 | 0.39 | 0.36 | NM | NM | NM | NM | NM | – | – |
| MESA_2 | 5/7/95 | 57 | 0.09 | 0.24 | NM | NM | NM | NM | NM | 7.42 | – |
| MESA_2 | 7/12/95 | 66 | 0.29 | 1.44 | NM | NM | NM | NM | NM | 8.34 | – |
| MESA_2 | 8/19/95 | 7 | 0.83 | 6.24 | NM | NM | NM | NM | NM | 7.51 | – |
| MESA_2 | 9/7/95 | 19 | 0.28 | UA | NM | NM | NM | NM | NM | 7.82 | – |
| MESA_2 | 9/28/95 | 21 | 0.73 | 2.28 | NM | NM | NM | NM | NM | 7.32 | – |
| MESA_2 | 2/1/96 | 86 | 0.22 | 1.92 | NM | NM | NM | NM | NM | 7 | – |

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

## Inorganic Chemistry
## Nonmetals

| Sampling Station Identification No. | Date | Specific Conductance LAB (us/cm) | Oxygen Dissolved (% saturation) | Oxygen Dissolved (mg/l) | Electrical Conductivity (umhos/cm) | BOD5 (mg/l) | COD High Level (mg/l) | Chloride (mg/l as Cl) | Cyanide Total (mg/l as Cn) | Fecal Coliform (Col/100mL) |
|---|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | – | – | – | – | 5 | 120 | – | <0.01 | 3000 |
| MESA_2 | 12/8/92 | – | – | – | – | 5 | 40 | – | <0.01 | 5000 |
| MESA_2 | 1/7/93 | – | – | – | – | 5 | 78 | – | <0.01 | 3000 |
| MESA_2 | 2/8/93 | – | – | – | – | – | 99 | – | <0.01 | 3000 |
| MESA_2 | 8/6/93 | – | – | – | 140 | 6 | 170 | 23 | <0.01 | >16 |
| MESA_2 | 11/13/93 | – | – | – | – | 5 | 96 | 9.8 | – | 400 |
| MESA_2 | 1/25/94 | – | – | – | – | 24 | 120 | 9.8 | <0.01 | 2400 |
| MESA_2 | 2/7/94 | – | – | – | – | 20 | 140 | 2.7 | <0.01 | 360 |
| MESA_2 | 3/7/94 | – | – | – | – | <5.0 | 110 | 9.7 | <0.01 | 3400 |
| MESA_2 | 3/25/94 | – | – | – | 130 | <5.0 | 56 | 3.9 | <0.01 | 3 |
| MESA_2 | 4/26/94 | – | – | – | 120 | 5 | 72 | 4 | <0.01 | 5800 |
| MESA_2 | 5/25/94 | – | – | – | 190 | 58 | 170 | 6.5 | <0.01 | 2500 |
| MESA_2 | 8/8/94 | – | – | – | 410 | 6 | 280 | 35 | <0.01 | 2 |
| MESA_2 | 10/15/94 | – | – | – | 120 | 10 | 270 | 9.3 | <0.01 | 620 |
| MESA_2 | 11/12/94 | – | – | – | 220 | <5.0 | 150 | 11 | <0.01 | 600 |
| MESA_2 | 12/5/94 | – | – | – | 120 | <5.0 | 83 | 3.2 | <0.01 | – |
| MESA_2 | 12/23/94 | – | – | – | 60 | <5 | 65 | 2.4 | <0.01 | 2 |
| MESA_2 | 1/4/95 | – | – | – | 120 | – | 71 | 4.5 | <0.01 | <1 |
| MESA_2 | 1/17/95 | – | – | – | 130 | 99 | 57 | 5.8 | <0.01 | – |
| MESA_2 | 1/26/95 | – | – | – | 53 | 6 | 71 | 3.1 | <0.01 | <1 |
| MESA_2 | 3/5/95 | – | – | – | – | 6 | – | – | – | 9 |
| MESA_2 | 3/11/95 | – | – | – | – | 9.6 | – | – | – | <1 |
| MESA_2 | 5/7/95 | – | – | – | 160 | 10 | 55 | 5.2 | <0.01 | <1 |
| MESA_2 | 7/12/95 | – | – | – | 290 | 9 | 750 | 17 | <0.01 | 62 |
| MESA_2 | 8/19/95 | – | – | – | 150 | 24 | 120 | 7.2 | <0.01 | 620 |
| MESA_2 | 9/7/95 | – | – | – | 200 | 6 | 73 | 8.3 | <0.01 | 330 |
| MESA_2 | 9/28/95 | – | – | – | 100 | 24 | 53 | 4.3 | <0.01 | – |
| MESA_2 | 2/1/96 | 200 | – | 5 | – | 45 | 260 | 12 | <0.025 | 2400 |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondical Count

| Sampling Station Identification No. | Date | Fecal Streptococci (Col/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) | Nitrogen Nitrate Total (mg/l as N) | Nitrogen Nitrite Total (mg/l as N) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | 22000 | 65 | 180 | 0.35 | 1.9 | 0.8 | -- | -- |
| MESA_2 | 12/8/92 | 17000 | 56 | 34 | 0.45 | 0.9 | 0.4 | -- | -- |
| MESA_2 | 1/7/93 | 50000 | 100 | 85 | 0.6 | 1 | 0.4 | -- | -- |
| MESA_2 | 2/8/93 | 50000 | 44 | 81 | 0.35 | 0.9 | -- | -- | -- |
| MESA_2 | 8/6/93 | >16 | 96 | 180 | 1.1 | 3.1 | -- | -- | -- |
| MESA_2 | 11/13/93 | 710 | 160 | 40 | <0.5 | 4.8 | 4.8 | -- | -- |
| MESA_2 | 1/25/94 | 16200 | 140 | 34 | 1.8 | 5.5 | 5.5 | -- | -- |
| MESA_2 | 2/7/94 | 12000 | 120 | 16 | 0.51 | 1.8 | 1.8 | -- | -- |
| MESA_2 | 3/7/94 | <1.0 | 160 | 43 | 1.4 | 3.1 | 3.1 | -- | -- |
| MESA_2 | 3/25/94 | 4 | 100 | 19 | 0.53 | 2.3 | 2.3 | -- | -- |
| MESA_2 | 4/26/94 | 7 | 99 | 69 | 0.69 | 3.1 | 3.1 | -- | -- |
| MESA_2 | 5/25/94 | 63 | 130 | 280 | 1.1 | 12 | 11 | -- | -- |
| MESA_2 | 8/8/94 | <1 | 410 | 74 | 1.7 | 6.6 | 2.6 | -- | -- |
| MESA_2 | 10/15/94 | 880 | 100 | 230 | 0.73 | 2.7 | 1.6 | -- | -- |
| MESA_2 | 11/12/94 | <1 | 190 | 28 | 1 | 3 | 2.2 | -- | -- |
| MESA_2 | 12/5/94 | -- | 79 | 18 | 0.67 | 16 | 15 | -- | -- |
| MESA_2 | 12/23/94 | <1. | 720 | 17 | <0.50 | 1.6 | 0.8 | -- | -- |
| MESA_2 | 1/4/95 | <1 | 96 | 15 | 0.1 | 0.9 | 0.8 | -- | -- |
| MESA_2 | 1/17/95 | -- | 110 | 16 | 0.8 | 1.2 | 1.1 | -- | -- |
| MESA_2 | 1/26/95 | 3 | 120 | 30 | <0.5 | 1.7 | 0.9 | -- | -- |
| MESA_2 | 3/5/95 | 28 | -- | -- | -- | -- | -- | -- | -- |
| MESA_2 | 3/11/95 | 6 | -- | -- | -- | -- | -- | -- | -- |
| MESA_2 | 5/7/95 | <1 | 110 | <5 | <0.50 | 1.3 | 1.3 | -- | -- |
| MESA_2 | 7/12/95 | 10 | 260 | 22 | 0.61 | 18 | -- | -- | -- |
| MESA_2 | 8/19/95 | 1 | 130 | 170 | 1.3 | 2.9 | 2.9 | 1.3 | <0.05 |
| MESA_2 | 9/7/95 | <1 | 190 | 32 | 0.88 | 2.5 | 2.5 | 0.69 | 0.19 |
| MESA_2 | 9/28/95 | -- | 78 | 110 | <0.50 | 1.7 | 1.7 | <0.50 | 0.09 |
| MESA_2 | 2/1/96 | >16000 | 90 | 160 | 1.9 | 5.9 | 5.4 | 1.9 | <0.15 |

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

| Sampling Station Identification No. | Date | Nitrogen Ammonia Total (mg/l as N) | Nitrogen Organic Total (mg/l as N) | Phosphorous Total (mg/l as P) | Phosphorous Dissolved (mg/l as P) | Phosphorus Ortho Total (mg/l as P) | Sulfate Dissolved (mg/l) | Hexavalent Chromium Total (mg/l) | Phenols Total Recoverable (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | -- | -- | 0.14 | -- | -- | -- | -- | 53 |
| MESA_2 | 12/8/92 | -- | -- | 0.21 | -- | -- | -- | -- | 53 |
| MESA_2 | 1/7/93 | -- | -- | 0.2 | 0.13 | -- | -- | -- | 53 |
| MESA_2 | 2/8/93 | -- | -- | 0.23 | 0.12 | -- | -- | -- | 53 |
| MESA_2 | 8/6/93 | -- | -- | 0.67 | 0.38 | -- | 19 | -- | -- |
| MESA_2 | 11/13/93 | -- | -- | 1.8 | 1 | -- | -- | -- | -- |
| MESA_2 | 1/25/94 | -- | -- | 3.6 | 2.6 | -- | -- | -- | -- |
| MESA_2 | 2/7/94 | -- | -- | 0.49 | 0.25 | -- | -- | -- | -- |
| MESA_2 | 3/7/94 | -- | -- | 1 | 0.87 | -- | -- | -- | -- |
| MESA_2 | 3/25/94 | -- | -- | 1.5 | 1.1 | -- | 8.1 | -- | -- |
| MESA_2 | 4/26/94 | -- | -- | 1.8 | 1.5 | -- | 7.5 | -- | <10 |
| MESA_2 | 5/25/94 | -- | -- | 0.71 | 0.27 | -- | 10 | -- | -- |
| MESA_2 | 8/8/94 | -- | -- | 2.1 | 0.4 | -- | 30 | -- | 20 |
| MESA_2 | 10/15/94 | -- | -- | 1 | 0.72 | -- | 10 | -- | 20 |
| MESA_2 | 11/12/94 | -- | -- | 1.8 | 1.6 | -- | 16 | -- | -- |
| MESA_2 | 12/5/94 | -- | -- | 0.81 | 0.78 | -- | 9.2 | -- | 20 |
| MESA_2 | 12/23/94 | -- | -- | 0.19 | 0.16 | -- | 10 | -- | <10 |
| MESA_2 | 1/4/95 | -- | -- | 0.4 | 0.36 | -- | 11 | -- | -- |
| MESA_2 | 1/17/95 | -- | -- | 0.28 | <0.10 | -- | 12 | -- | <10 |
| MESA_2 | 1/26/95 | -- | -- | 0.22 | 0.15 | -- | 6.8 | -- | <10 |
| MESA_2 | 3/5/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_2 | 3/11/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_2 | 5/7/95 | -- | -- | 1.4 | 1.2 | -- | 5.7 | -- | 10 |
| MESA_2 | 7/12/95 | -- | -- | 1.7 | -- | -- | 12 | -- | -- |
| MESA_2 | 8/19/95 | 1 | -- | 1.3 | 0.76 | -- | 8.8 | -- | <10 |
| MESA_2 | 9/7/95 | <0.1 | -- | 1.4 | 1.2 | -- | 14 | -- | <10 |
| MESA_2 | 9/28/95 | 1 | -- | 0.69 | 0.41 | -- | <5.0 | -- | <10 |
| MESA_2 | 2/1/96 | 2.4 | 3 | 0.46 | 0.46 | -- | 25 | <0.025 | <100 |

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

| Sampling Station Identification No. | Date | Oil and Grease Total Recoverable (mg/l) | Organic Carbon, Total (mg/l) | Bicarbonate Whole Field (mg/l as HCO3) | Bicarbonate Dissolved Field (mg/l as HCO3) | Carbonate Water Field (mg/l as CO3) | Carbonate Water Dissolved Field (mg/l as CO3) | Alkalinity Water Field Total (mg/l as CaCO3) | Alkalinity Dissolved Water Field Total (mg/l as CaCO3) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | <5.0 | – | – | – | – | – | – | – |
| MESA_2 | 12/8/92 | <5.0 | – | – | – | – | – | – | – |
| MESA_2 | 1/7/93 | <5.0 | – | – | – | – | – | – | – |
| MESA_2 | 2/8/93 | <5.0 | – | – | – | – | – | – | – |
| MESA_2 | 8/6/93 | <5.0 | – | – | – | – | – | – | – |
| MESA_2 | 11/13/93 | <5.0 | – | – | – | – | – | – | – |
| MESA_2 | 1/25/94 | <5.0 | – | – | – | – | – | – | – |
| MESA_2 | 2/7/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 3/7/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 3/25/94 | <1 | – | – | – | – | – | – | – |
| MESA_2 | 4/26/94 | **9.4** | – | – | – | – | – | – | – |
| MESA_2 | 5/25/94 | **4.7** | – | – | – | – | – | – | – |
| MESA_2 | 8/8/94 | <5.0 | – | – | – | – | – | – | – |
| MESA_2 | 10/15/94 | **7** | – | – | – | – | – | – | – |
| MESA_2 | 11/12/94 | **2** | – | – | – | – | – | – | – |
| MESA_2 | 12/5/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 12/23/94 | **1700** | – | – | – | – | – | – | – |
| MESA_2 | 1/4/95 | **7.7** | – | – | – | – | – | – | – |
| MESA_2 | 1/17/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 1/26/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 3/5/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 3/11/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 5/7/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 7/12/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 8/19/95 | **2400** | – | – | – | – | – | – | – |
| MESA_2 | 9/7/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 9/28/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 2/1/96 | <1.0 | **33** | – | – | – | – | – | – |

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

## Inorganic Chemistry
## Total and Dissolved Metals

| Sampling Station Identification No. | Date | Alkalinity LAB (mg/l as CaCO3) | Silica Dissolved (mg/l as SiO2) | Hardness (mg/l) | Antimony (mg/l as Sb) | Antimony Dissolved (mg/l as Sb) | Arsenic Total (mg/l as As) | Arsenic Dissolved (mg/l as As) | Barium Dissolved (ug/l as Ba) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | – | – | – | <20 | – | <20 | – | – |
| MESA_2 | 12/8/92 | – | – | – | <20 | – | <20 | – | – |
| MESA_2 | 1/7/93 | – | – | – | <20 | – | <20 | – | – |
| MESA_2 | 2/8/93 | – | – | – | <20 | – | <20 | – | – |
| MESA_2 | 8/6/93 | – | – | – | <50 | – | <50 | – | – |
| MESA_2 | 11/13/93 | – | – | – | – | – | <50 | – | – |
| MESA_2 | 1/25/94 | – | – | – | – | – | <50 | – | – |
| MESA_2 | 2/7/94 | – | – | – | – | – | <50 | – | – |
| MESA_2 | 3/7/94 | – | – | – | – | – | <50 | – | – |
| MESA_2 | 3/25/94 | – | – | – | – | – | <50 | <5 | – |
| MESA_2 | 4/26/94 | – | – | – | – | – | <50 | <5 | – |
| MESA_2 | 5/25/94 | – | – | – | – | – | <50 | <5 | – |
| MESA_2 | 8/8/94 | – | – | – | – | – | <50 | 6 | – |
| MESA_2 | 10/15/94 | – | – | – | – | – | <50 | <5 | – |
| MESA_2 | 11/12/94 | – | – | – | – | – | <50 | <5 | – |
| MESA_2 | 12/5/94 | – | – | – | – | – | <50 | <5 | – |
| MESA_2 | 12/23/94 | – | – | – | – | – | <50 | <5 | – |
| MESA_2 | 1/4/95 | – | – | – | – | – | <50 | <5 | – |
| MESA_2 | 1/17/95 | – | – | – | – | – | <50 | <5 | – |
| MESA_2 | 1/26/95 | – | – | – | – | – | <50 | <5 | – |
| MESA_2 | 3/5/95 | – | – | – | – | – | <50 | – | – |
| MESA_2 | 3/11/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 5/7/95 | – | – | – | – | – | <50 | <5 | – |
| MESA_2 | 7/12/95 | – | – | – | – | – | <50 | <5 | – |
| MESA_2 | 8/19/95 | – | – | – | – | – | <50 | <5 | – |
| MESA_2 | 9/7/95 | – | – | – | – | – | <30 | <20 | – |
| MESA_2 | 9/28/95 | – | – | – | – | – | <30 | <50 | – |
| MESA_2 | 2/1/96 | 51 | – | 89 | <50 | <50 | <10 | <10 | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nominal Count

| Sampling Station Identification No. | Date | Beryllium Total Recoverable (mg/l as Be) | Beryllium Dissolved (mg/l as Be) | Cadmium Total Recoverable (mg/l as Cd) | Cadmium Dissolved (mg/l as Cd) | Calcium Dissolved (mg/l as Ca) | Chromium Total Recoverable (mg/l as Cr) | Chromium Dissolved (mg/l as Cr) | Cobalt Dissolved (ug/l as Co) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_2 | 12/8/92 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_2 | 1/7/93 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_2 | 2/8/93 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_2 | 8/6/93 | <50 | – | <50 | <0.5 | – | <50 | <5 | – |
| MESA_2 | 11/13/93 | – | – | <50 | <0.5 | – | <50 | <5 | – |
| MESA_2 | 1/25/94 | – | – | <40 | **0.5** | – | <50 | <5 | – |
| MESA_2 | 2/7/94 | – | – | <40 | **0.9** | – | <50 | **6** | – |
| MESA_2 | 3/7/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_2 | 3/25/94 | – | – | <40 | <0.5 | – | <5 | <50 | – |
| MESA_2 | 4/26/94 | – | – | <40 | **0.6** | – | <5 | <50 | – |
| MESA_2 | 5/25/94 | – | – | <40 | <0.5 | – | **220** | <5 | – |
| MESA_2 | 8/8/94 | – | – | <40 | <0.5 | – | <50 | **6** | – |
| MESA_2 | 10/15/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_2 | 11/12/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_2 | 12/5/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_2 | 12/23/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_2 | 1/4/95 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_2 | 1/17/95 | – | – | <40 | <5 | – | <50 | <5 | – |
| MESA_2 | 1/26/95 | – | – | <40 | <5 | – | <50 | <5 | – |
| MESA_2 | 3/5/95 | – | – | <40 | – | – | <50 | – | – |
| MESA_2 | 3/11/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 5/7/95 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_2 | 7/12/95 | – | – | <40 | **20** | – | <50 | <5 | – |
| MESA_2 | 8/19/95 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_2 | 9/7/95 | – | – | <4 | <1 | – | <7 | <2 | – |
| MESA_2 | 9/28/95 | – | – | <4 | <1 | – | <7 | <2 | – |
| MESA_2 | 2/1/96 | <5 | <4 | <5 | <5 | – | **8** | <5 | – |

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

| Sampling Station Identification No. | Date | Copper Total Recoverable (mg/l as Cu) | Copper Dissolved (mg/l as Cu) | Iron Dissolved (ug/l as Fe) | Lead Total Recoverable (mg/l as Pb) | Lead Dissolved (mg/l as Pb) | Lithium Dissolved (ug/l as Li) | Magnesium Dissolved (mg/l as Mg) | Manganese Dissolved (ug/l as Mn) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | <50 | – | – | <20 | – | – | – | – |
| MESA_2 | 12/8/92 | <50 | – | – | <20 | – | – | – | – |
| MESA_2 | 1/7/93 | <50 | – | – | <20 | – | – | – | – |
| MESA_2 | 2/8/93 | <50 | – | – | <20 | – | – | – | – |
| MESA_2 | 8/6/93 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_2 | 11/13/93 | <50 | <50 | – | <50 | **7** | – | – | – |
| MESA_2 | 1/25/94 | <50 | **70** | – | <50 | <5 | – | – | – |
| MESA_2 | 2/7/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_2 | 3/7/94 | **60** | <50 | – | **190** | <5 | – | – | – |
| MESA_2 | 3/25/94 | <50 | <50 | – | <50 | <1.0 | – | – | – |
| MESA_2 | 4/26/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_2 | 5/25/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_2 | 8/8/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_2 | 10/15/94 | **70** | <50 | – | <50 | <5 | – | – | – |
| MESA_2 | 11/12/94 | <50 | <50 | – | <50 | <200 | – | – | – |
| MESA_2 | 12/5/94 | <50 | <50 | – | <50 | <10 | – | – | – |
| MESA_2 | 12/23/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_2 | 1/4/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_2 | 1/17/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_2 | 1/26/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_2 | 3/5/95 | <50 | – | – | <50 | – | – | – | – |
| MESA_2 | 3/11/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 5/7/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_2 | 7/12/95 | **60** | <50 | – | <50 | <5 | – | – | – |
| MESA_2 | 8/19/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_2 | 9/7/95 | **15** | <2 | – | <10 | **19** | – | – | – |
| MESA_2 | 9/28/95 | **31** | **5** | – | <10 | <13 | – | – | – |
| MESA_2 | 2/1/96 | <50 | <50 | – | <5 | <5 | – | – | – |

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

| Sampling Station Identification No. | Date | Mercury Total Recoverable (ug/l as Hg) | Mercury Dissolved (mg/l as Hg) | Molybdenum Dissolved (ug/l as Mo) | Nickel Total Recoverable (mg/l as Ni) | Nickel Dissolved (mg/l as Ni) | Potassium Dissolved (mg/l as K) | Selenium Total (mg/l as Se) | Selenium Dissolved (mg/l as Se) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_2 | 12/8/92 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_2 | 1/7/93 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_2 | 2/8/93 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_2 | 8/6/93 | <1.0 | – | – | <50 | – | – | <50 | – |
| MESA_2 | 11/13/93 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 1/25/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 2/7/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 3/7/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 3/25/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 4/26/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 5/25/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 8/8/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 10/15/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 11/12/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 12/5/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 12/23/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 1/4/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 1/17/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 1/26/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 3/5/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 3/11/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 5/7/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 7/12/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 8/19/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 9/7/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 9/28/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_2 | 2/1/96 | <0.2 | <0.2 | – | <50 | <50 | – | <20 | <20 |

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

| Sampling Station Identification No. | Date | Silver Total Recoverable (mg/l as Ag) | Silver Dissolved (mg/l as Ag) | Sodium Dissolved (mg/l as Na) | Strontium Dissolved (ug/l as Sr) | Thallium Total (mg/l as Tl) | Thallium Dissolved (mg/l as Tl) | Vanadium Dissolved (ug/l as V) | Zinc Total Recoverable (mg/l as Zn) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_2 | 12/4/92 | <20 | – | – | – | <10 | – | – | **130** |
| MESA_2 | 12/8/92 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_2 | 1/7/93 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_2 | 2/8/93 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_2 | 8/6/93 | <50 | – | – | – | <50 | – | – | **140** |
| MESA_2 | 11/13/93 | – | – | – | – | – | – | – | <50 |
| MESA_2 | 1/25/94 | – | – | – | – | – | – | – | **90** |
| MESA_2 | 2/7/94 | – | – | – | – | – | – | – | **80** |
| MESA_2 | 3/7/94 | – | – | – | – | – | – | – | **60** |
| MESA_2 | 3/25/94 | – | – | – | – | – | – | – | **70** |
| MESA_2 | 4/26/94 | – | – | – | – | – | – | – | **90** |
| MESA_2 | 5/25/94 | – | – | – | – | – | – | – | **160** |
| MESA_2 | 8/8/94 | – | – | – | – | – | – | – | **90** |
| MESA_2 | 10/15/94 | – | – | – | – | – | – | – | **180** |
| MESA_2 | 11/12/94 | – | – | – | – | – | – | – | **50** |
| MESA_2 | 12/5/94 | – | – | – | – | – | – | – | <50 |
| MESA_2 | 12/23/94 | – | – | – | – | – | – | – | <50 |
| MESA_2 | 1/4/95 | – | – | – | – | – | – | – | **140** |
| MESA_2 | 1/17/95 | – | – | – | – | – | – | – | **60** |
| MESA_2 | 1/26/95 | – | – | – | – | – | – | – | **70** |
| MESA_2 | 3/5/95 | – | – | – | – | – | – | – | **60** |
| MESA_2 | 3/11/95 | – | – | – | – | – | – | – | – |
| MESA_2 | 5/7/95 | – | – | – | – | – | – | – | <50 |
| MESA_2 | 7/12/95 | – | – | – | – | – | – | – | **660** |
| MESA_2 | 8/19/95 | – | – | – | – | – | – | – | <660 |
| MESA_2 | 9/7/95 | – | – | – | – | – | – | – | <660 |
| MESA_2 | 9/28/95 | – | – | – | – | – | – | – | <660 |
| MESA_2 | 2/1/96 | <10 | <10 | – | – | <2 | <2 | – | **180** |

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

| Sampling Station Identification No. | Date | trans-1,3-Dichloropropene (ug/l) | Benzene Total (ug/l) | Bromodichloro-methane (ug/l) | Bromoform Total (ug/l) | Carbon-tetrachloride Total (ug/l) | Chlorobenzene Total (ug/l) | Chloroethane (ug/l) | Chloroform Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_1 | 10/28/92 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_1 | 12/4/92 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_1 | 12/8/92 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_1 | 1/7/93 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_1 | 2/8/93 | – | <4.4 | <2.2 | <4.7 | <2.8 | <6.0 | – | <1.6 |
| MESA_1 | 8/20/93 | – | – | – | – | – | – | – | – |
| MESA_1 | 10/6/93 | – | – | – | – | – | – | – | – |
| MESA_1 | 2/7/94 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_1 | 3/7/94 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_1 | 3/25/94 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 |
| MESA_1 | 4/26/94 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 |
| MESA_1 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/8/94 | <4.0 | <4.0 | <4.0 | <10.0 | <4.0 | <4.0 | <10.0 | <4.0 |
| MESA_1 | 10/15/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_1 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 12/5/94 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_1 | 1/4/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 |
| MESA_1 | 2/28/95 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_1 | 3/5/95 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_1 | 3/11/95 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <5.0 | <2.0 |
| MESA_1 | 5/7/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | <0.5 |
| MESA_1 | 8/19/95 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_1 | 9/7/95 | <20 | <20 | <20 | <50 | <20 | <20 | <50 | <20 |
| MESA_1 | 11/1/95 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_1 | 2/1/96 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <5.0 | <2.0 |

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

| Sampling Station Identification No. | Date | Ethyl-Benzene Total (ug/l) | Methylene Chloride Total (ug/l) | Toluene Total (ug/l) | Trichlorofluoromethane Total (ug/l) | Vinyl Chloride Total (ug/l) | Chloro-Di-Bromomethane Total (ug/l) | 4-Methyl 2- Pentanone MIBK Total (ug/l) | Acetone Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_1 | 10/28/92 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_1 | 12/4/92 | <7.2 | <2.8 | 5 | – | <3.5 | <3.1 | – | – |
| MESA_1 | 12/8/92 | <7.2 | 1.4 | 0.7 | – | <3.5 | <3.1 | – | – |
| MESA_1 | 1/7/93 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_1 | 2/8/93 | <7.2 | <2.8 | <6.0 | – | <3.5 | <3.1 | – | – |
| MESA_1 | 8/20/93 | – | – | – | – | – | – | – | – |
| MESA_1 | 10/6/93 | – | – | – | – | – | – | – | – |
| MESA_1 | 2/7/94 | <2.0 | <5.0 | <2.0 | – | <5.0 | <2.0 | – | – |
| MESA_1 | 3/7/94 | <2.0 | <5.0 | <2.0 | – | <5.0 | <2.0 | – | – |
| MESA_1 | 3/25/94 | <5.0 | <2.0 | <5.0 | – | <2.0 | <10.0 | – | – |
| MESA_1 | 4/26/94 | <5.0 | <2.0 | <5.0 | – | <2.0 | <10.0 | – | – |
| MESA_1 | 5/25/94 | – | <5.0 | <2.0 | – | – | – | – | – |
| MESA_1 | 7/19/94 | – | <1000 | <400 | – | – | – | – | – |
| MESA_1 | 8/8/94 | <4.0 | <10.0 | <4.0 | – | <10.0 | <4.0 | – | – |
| MESA_1 | 10/15/94 | <2.0 | <5.0 | <2.0 | – | <5.0 | <2.0 | – | – |
| MESA_1 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 12/5/94 | <2.0 | <10. | <2.0 | – | <5.0 | <2.0 | – | 11 |
| MESA_1 | 1/4/95 | <0.5 | <1.0 | <0.5 | – | <0.5 | <0.5 | – | – |
| MESA_1 | 2/28/95 | <2.0 | <10 | <2.0 | – | <5.0 | <2.0 | – | 59 |
| MESA_1 | 3/5/95 | <2.0 | <10 | <2.0 | – | <5.0 | <2.0 | – | 24 |
| MESA_1 | 3/11/95 | <2.0 | <10 | <2.0 | <5.0 | <5.0 | <2.0 | – | 18 |
| MESA_1 | 5/7/95 | <0.5 | <1.0 | <0.5 | – | <0.5 | <0.5 | – | – |
| MESA_1 | 8/19/95 | <2.0 | <5.0 | <2.0 | <5.0 | <5.0 | <2.0 | – | – |
| MESA_1 | 9/7/95 | <20 | <50 | <20 | <50 | <50 | <20 | – | – |
| MESA_1 | 11/1/95 | <2.0 | <5.0 | <2.0 | <5.0 | <5.0 | <2.0 | – | – |
| MESA_1 | 2/1/96 | <2.0 | <10 | <2.0 | <5.0 | <5.0 | <2.0 | – | 52 |

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

| Sampling Station Identification No. | Date | 2-Butanone Total (ug/l) | Carbon Disulfide Total (ug/l) | 1,2- Dichloroethene Total (ug/l) | Xylenes (ug/l) | 2-Hexanone Total (ug/l) | Styrene Total (ug/l) | Acrolein Total (ug/l) | Acrylonitirile Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_1 | 10/28/92 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_1 | 12/4/92 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_1 | 12/8/92 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_1 | 1/7/93 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_1 | 2/8/93 | – | – | – | – | – | – | <50.0 | <50.0 |
| MESA_1 | 8/20/93 | – | – | – | – | – | – | – | – |
| MESA_1 | 10/6/93 | – | – | – | – | – | – | – | – |
| MESA_1 | 2/7/94 | – | – | – | <2.0 | – | – | <10.0 | <10.0 |
| MESA_1 | 3/7/94 | – | – | – | <2.0 | – | – | <10.0 | <10.0 |
| MESA_1 | 3/25/94 | – | – | – | <2.0 | – | – | <5.0 | <10.0 |
| MESA_1 | 4/26/94 | – | – | – | <2.0 | – | – | <5.0 | <10.0 |
| MESA_1 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/8/94 | – | – | – | <4.0 | – | – | <20.0 | <20.0 |
| MESA_1 | 10/15/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 12/5/94 | <10. | <5.0 | – | <2.0 | <10. | <2.0 | – | – |
| MESA_1 | 1/4/95 | – | – | – | <1.0 | – | – | <50 | <50 |
| MESA_1 | 2/28/95 | <10 | <5.0 | – | <2.0 | <10 | <2.0 | – | – |
| MESA_1 | 3/5/95 | <10 | <5.0 | – | <2.0 | <10 | <2.0 | – | – |
| MESA_1 | 3/11/95 | <10 | <5.0 | – | <2.0 | <10 | <2.0 | – | – |
| MESA_1 | 5/7/95 | – | – | – | <1.0 | – | – | – | – |
| MESA_1 | 8/19/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 9/7/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 11/1/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 2/1/96 | **12** | <5.0 | – | <2.0 | <10 | <2.0 | – | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondical Count

**EPA Method: 625**
**Base/Neutrals & Acids**

| Sampling Station Identification No. | Date | Bromobenzene Total (ug/l) | 1,3-Di Chloropropane Total (ug/l) | Methyl-Bromide (Bromomethane) Total (ug/l) | Methyl-Chloride (Chloromethane) Total (ug/l) | Parachlorotoluene Total (ug/l) | Dibromoethane Total (ug/l) | Acenaphthene Total (ug/l) | Acenaphthylene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_1 | 10/28/92 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_1 | 12/4/92 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_1 | 12/8/92 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_1 | 1/7/93 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_1 | 2/8/93 | – | – | <5.2 | <5.5 | – | – | <1.9 | <3.5 |
| MESA_1 | 8/20/93 | – | – | – | – | – | – | <10.0 | <10.0 |
| MESA_1 | 10/6/93 | – | – | – | – | – | – | – | – |
| MESA_1 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/7/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 4/26/94 | – | – | – | – | – | – | <10.0 | <10.0 |
| MESA_1 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/8/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 10/15/94 | – | – | – | – | – | – | <10. | <10. |
| MESA_1 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 12/5/94 | – | – | – | – | – | – | <10. | <10. |
| MESA_1 | 1/4/95 | – | – | – | – | – | – | <2.0 | <2.0 |
| MESA_1 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/5/95 | – | – | – | – | – | – | <11 | <11 |
| MESA_1 | 3/11/95 | – | – | – | – | – | – | <11 | <11 |
| MESA_1 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/19/95 | – | – | <5.0 | <5.0 | – | – | – | – |
| MESA_1 | 9/7/95 | – | – | <50 | <50 | – | – | <10 | <10 |
| MESA_1 | 11/1/95 | – | – | <5.0 | <5.0 | – | – | <10 | <10 |
| MESA_1 | 2/1/96 | – | – | <5.0 | <5.0 | – | – | | |

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

| Sampling Station Identification No. | Date | Anthracene Total (ug/l) | Benzidine Total (ug/l) | Benzoic Acid Total (ug/l) | Benzo-A Anthracene Total (ug/l) | Benzo(b)Fluoranthene Total (ug/l) | Benzo-K Fluoranthene Total (ug/l) | Benzo (GHI) Perylene Total (ug/l) | Benzo-A-Pyrene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_1 | 10/28/92 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_1 | 12/4/92 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_1 | 12/8/92 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_1 | 1/7/93 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_1 | 2/8/93 | <1.9 | <10.0 | – | <7.8 | – | <2.5 | <4.1 | <2.5 |
| MESA_1 | 8/20/93 | <10.0 | <20.0 | – | <10.0 | – | <10.0 | <10.0 | <10.0 |
| MESA_1 | 10/6/93 | – | – | – | – | – | – | – | – |
| MESA_1 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/7/94 | – | – | – | – | – | – | – | <10.0 |
| MESA_1 | 3/25/94 | – | – | – | – | – | – | – | <20 |
| MESA_1 | 4/26/94 | <10.0 | – | – | <10.0 | – | <10.0 | <10.0 | <10.0 |
| MESA_1 | 5/25/94 | – | – | – | – | – | – | – | <10.0 |
| MESA_1 | 7/19/94 | – | – | – | – | – | – | – | <10.0 |
| MESA_1 | 8/8/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 10/15/94 | <10. | <100. | – | <10. | – | <10. | <10. | <10. |
| MESA_1 | 11/12/94 | – | – | – | – | – | – | – | <5.0 |
| MESA_1 | 12/5/94 | <10. | <100. | – | <10. | – | <10. | <10. | <10. |
| MESA_1 | 1/4/95 | <2.0 | <10.0 | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_1 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/5/95 | <11 | <110 | – | <11 | – | <11 | <11 | <11 |
| MESA_1 | 3/11/95 | <11 | <110 | – | <11 | – | <11 | <11 | <11 |
| MESA_1 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/19/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 9/7/95 | <10 | <100 | <100 | <10 | <10 | <10 | <10 | <10 |
| MESA_1 | 11/1/95 | <10 | <100 | <100 | <10 | <10 | <10 | <10 | <10 |
| MESA_1 | 2/1/96 | | | | | | | | |

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

| Sampling Station Identification No. | Date | Benzyl Alcohol Total (ug/l) | Bis (2-Chloroethoxy) Methane Total (ug/l) | Bis (2-Chloroethyl) Ether Total (ug/l) | Bis (2-Chloroisopropyl) Ether Total (ug/l) | Bis(2-Ethyl Hexyl) Phthalate Total (ug/l) | 4-Bromo-Phenyl Phenyl Ether Total (ug/l) | Butyl Benzyl Phthalate Total (ug/l) | 2-Chloro-Naphthalene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_1 | 10/28/92 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_1 | 12/4/92 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_1 | 12/8/92 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_1 | 1/7/93 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <1.9 |
| MESA_1 | 2/8/93 | – | <5.3 | <5.7 | <5.7 | <2.5 | <1.9 | <2.5 | <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 | – | – | – | – | – | – | – | – |
| MESA_1 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/7/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 4/26/94 | – | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_1 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/8/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 10/15/94 | – | <10. | <10. | <10. | <20. | <10. | <20. | <10. |
| MESA_1 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 12/5/94 | – | <10. | <10. | <10. | <20. | <10. | <20. | <10. |
| MESA_1 | 1/4/95 | – | <2.0 | <2.0 | <2.0 | 7 | <2.0 | <2.0 | <2.0 |
| MESA_1 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/5/95 | – | <11 | <11 | <11 | <22 | <11 | <22 | <11 |
| MESA_1 | 3/11/95 | – | <11 | <11 | <11 | <22 | <11 | <22 | <11 |
| MESA_1 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/19/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 9/7/95 | <10 | <10 | <10 | <10 | <20 | <10 | <20 | <10 |
| MESA_1 | 11/1/95 | <10 | <10 | <10 | <10 | <20 | <10 | <20 | <10 |
| MESA_1 | 2/1/96 | | | | | | | | |

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

| Sampling Station Identification No. | Date | 2-Chlorophenol Total (ug/l) | 4-Chloro-Phenyl Phenyl Ether Total (ug/l) | Chyrsene Total (ug/l) | Dibenzo-[a,h]-Anthracene (ug/l) | Di-N-Butyl Phthalate Total (ug/l) | 1,3-Di-Chlorobenzene Total (ug/l) | 1,4-Di-Chlorobenzene Total (ug/l) | 1,2-Di-Chlorobenzene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_1 | 10/28/92 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_1 | 12/4/92 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_1 | 12/8/92 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_1 | 1/7/93 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <1.9 |
| MESA_1 | 2/8/93 | <3.3 | <4.2 | <2.5 | – | <2.5 | <1.9 | <4.4 | <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 | – | – | – | – | – | – | – | – |
| MESA_1 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/7/94 | – | – | <10.0 | – | – | – | – | – |
| MESA_1 | 3/25/94 | – | – | <20.0 | – | – | – | – | – |
| MESA_1 | 4/26/94 | <50.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 |
| MESA_1 | 5/25/94 | – | – | <10.0 | – | – | – | – | – |
| MESA_1 | 7/19/94 | – | – | <10.0 | – | – | – | – | – |
| MESA_1 | 8/8/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 10/15/94 | <10. | <10. | <10. | <20. | <20. | <10. | <10. | <10. |
| MESA_1 | 11/12/94 | – | – | <5.0 | – | – | – | – | – |
| MESA_1 | 12/5/94 | <10. | <10. | <10. | <20. | <20. | <10. | <10. | <10. |
| MESA_1 | 1/4/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_1 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/5/95 | <11 | <11 | <11 | <22 | <22 | <11 | <11 | <11 |
| MESA_1 | 3/11/95 | <11 | <11 | <11 | <22 | <22 | <11 | <11 | <11 |
| MESA_1 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/19/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 9/7/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_1 | 11/1/95 | <10 | <10 | <10 | <20 | <20 | <10 | <10 | <10 |
| MESA_1 | 2/1/96 | | | | | | | | |

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

| Sampling Station Identification No. | Date | 3,3'-Di-Chlorobenzidine Total (ug/l) | 2,4-Di-Chlorophenol Total (ug/l) | Diethyl-Phthalate Total (ug/l) | 2,4-Di-Methylphenol Total (ug/l) | Dimethyl-Phthalate Total (ug/l) | 2-Methyl-4,6-Dinitrophenol (ug/l) | 2,4-Dinitro-phenol (ug/l) | 2,4-Di-Nitrotoluene Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_1 | 10/28/92 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_1 | 12/4/92 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_1 | 12/8/92 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_1 | 1/7/93 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_1 | 2/8/93 | <17.0 | <2.7 | <22.0 | <2.7 | <1.6 | <24.0 | – | <5.7 |
| MESA_1 | 8/20/93 | <20.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | – | <10.0 |
| MESA_1 | 10/6/93 | – | – | – | – | – | – | – | – |
| MESA_1 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/7/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 4/26/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | <20.0 |
| MESA_1 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/8/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 10/15/94 | <40. | <10. | <10. | <20. | <10.0 | – | <100. | <10.0 |
| MESA_1 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 12/5/94 | <40. | <10. | <10. | <20. | <10.0 | – | <100. | <10. |
| MESA_1 | 1/4/95 | <5.0 | <5.0 | <2.0 | <2.0 | <2.0 | <5.0 | <10. | <2.0 |
| MESA_1 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/5/95 | <43 | <11 | <11 | <22 | <11 | <43 | <110 | <11 |
| MESA_1 | 3/11/95 | <43 | <11 | <11 | <22 | <11 | <43 | <110 | <11 |
| MESA_1 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/19/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 9/7/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_1 | 11/1/95 | <40 | <10 | <10 | <20 | <10 | <40 | <100 | <10 |
| MESA_1 | 2/1/96 | | | | | | | | |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondical Count

| Sampling Station Identification No. | Date | 2,6-Di-Nitrotoluene Total (ug/l) | Di-N-Octyl-Phthalate Total (ug/l) | Fluoranthene Total (ug/l) | Fluorene 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) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_1 | 10/28/92 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_1 | 12/4/92 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_1 | 12/8/92 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_1 | 1/7/93 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| MESA_1 | 2/8/93 | <1.9 | <2.5 | <2.2 | <1.9 | <1.9 | <1.0 | <10.0 | <1.6 |
| 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 | – | – | – | – | – | – | – | – |
| MESA_1 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/7/94 | – | – | <10.0 | – | – | – | – | – |
| MESA_1 | 3/25/94 | – | – | <20.0 | – | – | – | – | – |
| MESA_1 | 4/26/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | <10.0 |
| MESA_1 | 5/25/94 | – | – | <10.0 | – | – | – | – | – |
| MESA_1 | 7/19/94 | – | – | <10.0 | – | – | – | – | – |
| MESA_1 | 8/8/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 10/15/94 | <10. | <40. | <10. | <10. | <10. | <10. | <40. | <10. |
| MESA_1 | 11/12/94 | – | – | <5.0 | – | – | – | – | – |
| MESA_1 | 12/5/94 | <10. | <40. | <10. | <10. | <10. | <10. | <40. | <10. |
| MESA_1 | 1/4/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_1 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/5/95 | <11 | <43 | <11 | <11 | <11 | <11 | <43 | <11 |
| MESA_1 | 3/11/95 | <11 | <43 | <11 | <11 | <11 | <11 | <43 | <11 |
| MESA_1 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/19/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 9/7/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_1 | 11/1/95 | <10 | <40 | <10 | <10 | <10 | <10 | <40 | <10 |
| MESA_1 | 2/1/96 | | | | | | | | |

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

| Sampling Station Identification No. | Date | Indeno (1,2,3-CD) Pyrene Total (ug/l) | Iso-Phorone Total (ug/l) | Naphthalene Total (ug/l) | Nitrobenzene Total (ug/l) | 2-Nitrophenol Total (ug/l) | 4-Nitrophenol Total (ug/l) | N-Nitrosodi-Phenylamine Total (ug/l) | N-Nitrosodi-N-Propylamine Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_1 | 10/28/92 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_1 | 12/4/92 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_1 | 12/8/92 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_1 | 1/7/93 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_1 | 2/8/93 | <3.7 | <2.2 | <1.6 | <1.9 | <3.6 | <2.4 | <10.0 | <10.0 |
| MESA_1 | 8/20/93 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <20.0 | <20.0 |
| MESA_1 | 10/6/93 | – | – | – | – | – | – | – | – |
| MESA_1 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/7/94 | <10.0 | – | – | – | – | – | – | – |
| MESA_1 | 3/25/94 | <20.0 | – | – | – | – | – | – | – |
| MESA_1 | 4/26/94 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | – | – |
| MESA_1 | 5/25/94 | <10.0 | – | – | – | – | – | – | – |
| MESA_1 | 7/19/94 | <10.0 | – | – | – | – | – | – | – |
| MESA_1 | 8/8/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 10/15/94 | <20. | <10.0 | <10. | <40.0 | <10. | <100. | <10.0 | <10.0 |
| MESA_1 | 11/12/94 | <5.0 | – | – | – | – | – | – | – |
| MESA_1 | 12/5/94 | <20. | <10. | <10. | <40. | <10. | <100. | <10. | <10. |
| MESA_1 | 1/4/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_1 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/5/95 | <22 | <11 | <11 | <43 | <11 | <110 | <11 | <11 |
| MESA_1 | 3/11/95 | <22 | <11 | <11 | <43 | <11 | <110 | <11 | <11 |
| MESA_1 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/19/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 9/7/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_1 | 11/1/95 | <20 | <10 | <10 | <40 | <10 | <100 | <10 | <10 |
| MESA_1 | 2/1/96 | | | | | | | | |

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

| Sampling Station Identification No. | Date | Oil and Grease Total Recoverable (mg/l) | Organic Carbon, Total (mg/l) | Bicarbonate Whole Field (mg/l as HCO3) | Bicarbonate Dissolved Field (mg/l as HCO3) | Carbonate Water Field (mg/l as CO3) | Carbonate Water Dissolved Field (mg/l as CO3) | Alkalinity Water Field Total (mg/l as CaCO3) | Alkalinity Dissolved Water Field Total (mg/l as CaCO3) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <5.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 10/28/92 | **22** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 12/4/92 | <5.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 12/8/92 | <5.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 1/7/93 | <5.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 2/8/93 | <5.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 8/20/93 | <5.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 10/6/93 | <5.0 | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 2/7/94 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 3/7/94 | **7** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 3/25/94 | **4.3** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 4/26/94 | **17** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 5/25/94 | **5.2** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 7/19/94 | **290** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 8/8/94 | **7** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 10/15/94 | **8** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 11/12/94 | **8.1** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 12/5/94 | **6** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 1/4/95 | **2.9** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 2/28/95 | **20** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 3/5/95 | **6.8** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 3/11/95 | **3.7** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 5/7/95 | **1.8** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 8/19/95 | **280** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 9/7/95 | **2.7** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 11/1/95 | **8.4** | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 2/1/96 | **6.2** | -- | -- | -- | -- | -- | -- | -- |

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

## Inorganic Chemistry
## Total and Dissolved Metals

| Sampling Station Identification No. | Date | Alkalinity LAB (mg/l as CaCO3) | Silica Dissolved (mg/l as SiO2) | Hardness (mg/l) | Antimony (mg/l as Sb) | Antimony Dissolved (mg/l as Sb) | Arsenic Total (mg/l as As) | Arsenic Dissolved (mg/l as As) | Barium Dissolved (ug/l as Ba) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | -- | -- | -- | <20 | -- | <20 | -- | -- |
| MESA_1 | 10/28/92 | -- | -- | -- | <20 | -- | <20 | -- | -- |
| MESA_1 | 12/4/92 | -- | -- | -- | <20 | -- | <20 | -- | -- |
| MESA_1 | 12/8/92 | -- | -- | -- | <20 | -- | <20 | -- | -- |
| MESA_1 | 1/7/93 | -- | -- | -- | <20 | -- | <20 | -- | -- |
| MESA_1 | 2/8/93 | -- | -- | -- | <20 | -- | <20 | -- | -- |
| MESA_1 | 8/20/93 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 10/6/93 | 52 | -- | -- | <50 | -- | <50 | -- | <50 |
| MESA_1 | 2/7/94 | -- | -- | -- | -- | -- | <50 | -- | -- |
| MESA_1 | 3/7/94 | -- | -- | -- | -- | -- | <50 | -- | -- |
| MESA_1 | 3/25/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_1 | 4/26/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_1 | 5/25/94 | -- | -- | -- | -- | -- | <50 | -- | -- |
| MESA_1 | 7/19/94 | -- | -- | -- | -- | -- | <50 | -- | -- |
| MESA_1 | 8/8/94 | -- | -- | -- | -- | -- | <50 | -- | -- |
| MESA_1 | 10/15/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_1 | 11/12/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_1 | 12/5/94 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_1 | 1/4/95 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_1 | 2/28/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 3/5/95 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_1 | 3/11/95 | -- | -- | -- | -- | -- | <50 | -- | -- |
| MESA_1 | 5/7/95 | -- | -- | -- | -- | -- | -- | -- | -- |
| MESA_1 | 8/19/95 | -- | -- | -- | -- | -- | <50 | <5 | -- |
| MESA_1 | 9/7/95 | -- | -- | -- | -- | -- | <30 | <20 | -- |
| MESA_1 | 11/1/95 | -- | -- | -- | -- | -- | <30 | <30 | -- |
| MESA_1 | 2/1/96 | 40 | -- | 43 | <50 | <50 | <10 | <10 | -- |

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

| Sampling Station Identification No. | Date | Beryllium Total Recoverable (mg/l as Be) | Beryllium Dissolved (mg/l as Be) | Cadmium Total Recoverable (mg/l as Cd) | Cadmium Dissolved (mg/l as Cd) | Calcium Dissolved (mg/l as Ca) | Chromium Total Recoverable (mg/l as Cr) | Chromium Dissolved (mg/l as Cr) | Cobalt Dissolved (ug/l as Co) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_1 | 10/28/92 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_1 | 12/4/92 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_1 | 12/8/92 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_1 | 1/7/93 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_1 | 2/8/93 | <10 | – | <5 | – | – | <50 | – | – |
| MESA_1 | 8/20/93 | – | – | <50 | <0.5 | – | <50 | <5 | – |
| MESA_1 | 10/6/93 | <50 | <50 | <50 | <0.5 | **8.6** | <50 | <5 | <50 |
| MESA_1 | 2/7/94 | – | – | <40 | **0.9** | – | <50 | **6** | – |
| MESA_1 | 3/7/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_1 | 3/25/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_1 | 4/26/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_1 | 5/25/94 | – | – | <40 | <0.5 | – | **330** | <5 | – |
| MESA_1 | 7/19/94 | <5 | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_1 | 8/8/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_1 | 10/15/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_1 | 11/12/94 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_1 | 12/5/94 | – | – | <40 | **0.5** | – | <50 | <5 | – |
| MESA_1 | 1/4/95 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_1 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/5/95 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_1 | 3/11/95 | – | – | <40 | – | – | <50 | – | – |
| MESA_1 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/19/95 | – | – | <40 | <0.5 | – | <50 | <5 | – |
| MESA_1 | 9/7/95 | – | – | <4 | <1 | – | <7 | <2 | – |
| MESA_1 | 11/1/95 | – | – | <3 | <3 | – | **3** | <2 | – |
| MESA_1 | 2/1/96 | <5 | <4 | <5 | <5 | – | <5 | <5 | – |

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

| Sampling Station Identification No. | Date | Copper Total Recoverable (mg/l as Cu) | Copper Dissolved (mg/l as Cu) | Iron Dissolved (ug/l as Fe) | Lead Total Recoverable (mg/l as Pb) | Lead Dissolved (mg/l as Pb) | Lithium Dissolved (ug/l as Li) | Magnesium Dissolved (mg/l as Mg) | Manganese Dissolved (ug/l as Mn) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <50 | – | – | <20 | – | – | – | – |
| MESA_1 | 10/28/92 | <50 | – | – | **21** | – | – | – | – |
| MESA_1 | 12/4/92 | <50 | – | – | <20 | – | – | – | – |
| MESA_1 | 12/8/92 | <50 | – | – | <20 | – | – | – | – |
| MESA_1 | 1/7/93 | <50 | – | – | <20 | – | – | – | – |
| MESA_1 | 2/8/93 | <50 | – | – | <20 | – | – | – | – |
| MESA_1 | 8/20/93 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_1 | 10/6/93 | <50 | <50 | <100 | **50** | <5 | <1000 | **0.85** | <50 |
| MESA_1 | 2/7/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_1 | 3/7/94 | **60** | <50 | – | <50 | <5 | – | – | – |
| MESA_1 | 3/25/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_1 | 4/26/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_1 | 5/25/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_1 | 7/19/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_1 | 8/8/94 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_1 | 10/15/94 | **70** | <50 | – | <50 | <5 | – | – | – |
| MESA_1 | 11/12/94 | <50 | <50 | – | <50 | <20 | – | – | – |
| MESA_1 | 12/5/94 | <50 | <50 | – | <50 | **18** | – | – | – |
| MESA_1 | 1/4/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_1 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/5/95 | <50 | <50 | – | <50 | <5 | – | – | – |
| MESA_1 | 3/11/95 | <50 | – | – | <50 | – | – | – | – |
| MESA_1 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/19/95 | **60** | <50 | – | <50 | <5 | – | – | – |
| MESA_1 | 9/7/95 | **20** | **10** | – | **10** | **33** | – | – | – |
| MESA_1 | 11/1/95 | <50 | <50 | – | <23 | <23 | – | – | – |
| MESA_1 | 2/1/96 | <50 | <50 | – | **27** | <5 | – | – | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Noindical Count

| Sampling Station Identification No. | Date | Mercury Total Recoverable (ug/l as Hg) | Mercury Dissolved (mg/l as Hg) | Molybdenum Dissolved (ug/l as Mo) | Nickel Total Recoverable (mg/l as Ni) | Nickel Dissolved (mg/l as Ni) | Potassium Dissolved (mg/l as K) | Selenium Total (mg/l as Se) | Selenium Dissolved (mg/l as Se) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_1 | 10/28/92 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_1 | 12/4/92 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_1 | 12/8/92 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_1 | 1/7/93 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_1 | 2/8/93 | <1.0 | – | – | <50 | – | – | <5 | – |
| MESA_1 | 8/20/93 | <1.0 | – | – | – | – | – | – | – |
| MESA_1 | 10/6/93 | <1.0 | – | <50 | <50 | <50 | **2.1** | <50 | – |
| MESA_1 | 2/7/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_1 | 3/7/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_1 | 3/25/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_1 | 4/26/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_1 | 5/25/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_1 | 7/19/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_1 | 8/8/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_1 | 10/15/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_1 | 11/12/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_1 | 12/5/94 | <1.0 | – | – | – | – | – | – | – |
| MESA_1 | 1/4/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_1 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/5/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_1 | 3/11/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_1 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/19/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_1 | 9/7/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_1 | 11/1/95 | <1.0 | – | – | – | – | – | – | – |
| MESA_1 | 2/1/96 | <0.2 | <0.2 | – | <50 | <50 | – | <20 | <20 |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Noideal Coun

| Sampling Station Identification No. | Date | Silver Total Recoverable (mg/l as Ag) | Silver Dissolved (mg/l as Ag) | Sodium Dissolved (mg/l as Na) | Strontium Dissolved (ug/l as Sr) | Thallium Total (mg/l as Tl) | Thallium Dissolved (mg/l as Tl) | Vanadium Dissolved (ug/l as V) | Zinc Total Recoverable (mg/l as Zn) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_1 | 10/28/92 | <20 | – | – | – | <10 | – | – | 150 |
| MESA_1 | 12/4/92 | <20 | – | – | – | <10 | – | – | 100 |
| MESA_1 | 12/8/92 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_1 | 1/7/93 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_1 | 2/8/93 | <20 | – | – | – | <10 | – | – | <100 |
| MESA_1 | 8/20/93 | – | – | – | – | – | – | – | 280 |
| MESA_1 | 10/6/93 | <50 | <2 | 4.1 | <1000 | <50 | – | <50 | 160 |
| MESA_1 | 2/7/94 | – | – | – | – | – | – | – | 80 |
| MESA_1 | 3/7/94 | – | – | – | – | – | – | – | 130 |
| MESA_1 | 3/25/94 | – | – | – | – | – | – | – | 180 |
| MESA_1 | 4/26/94 | – | – | – | – | – | – | – | 160 |
| MESA_1 | 5/25/94 | – | – | – | – | – | – | – | 160 |
| MESA_1 | 7/19/94 | – | – | – | – | – | – | – | 620 |
| MESA_1 | 8/8/94 | – | – | – | – | – | – | – | 330 |
| MESA_1 | 10/15/94 | – | – | – | – | – | – | – | 130 |
| MESA_1 | 11/12/94 | – | – | – | – | – | – | – | 60 |
| MESA_1 | 12/5/94 | – | – | – | – | – | – | – | 60 |
| MESA_1 | 1/4/95 | – | – | – | – | – | – | – | <50 |
| MESA_1 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/5/95 | – | – | – | – | – | – | – | 50 |
| MESA_1 | 3/11/95 | – | – | – | – | – | – | – | 80 |
| MESA_1 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/19/95 | – | – | – | – | – | – | – | <660 |
| MESA_1 | 9/7/95 | – | – | – | – | – | – | – | <660 |
| MESA_1 | 11/1/95 | – | – | – | – | – | – | – | 120 |
| MESA_1 | 2/1/96 | <10 | <10 | – | – | <2 | <2 | – | 260 |

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

## EPA Method 608
## Organochlorine Pesticides and PCB's

| Sampling Station Identification No. | Date | Zinc Dissolved (mg/l as Zn) | Aldrin Total (ug/l) | BHC - ALPHA (ug/l) | 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) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_1 | 10/28/92 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_1 | 12/4/92 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_1 | 12/8/92 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_1 | 1/7/93 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_1 | 2/8/93 | – | <0.01 | <0.01 | <0.01 | <0.05 | <0.20 | <0.20 | <0.20 |
| MESA_1 | 8/20/93 | **150** | <1.0 | <0.6 | <0.5 | <0.2 | <20.0 | <20.0 | <20.0 |
| MESA_1 | 10/6/93 | <50 | <1.0 | <0.6 | <0.5 | <0.2 | <2.0 | <50.0 | <10.0 |
| MESA_1 | 2/7/94 | **110** | – | – | – | – | – | – | – |
| MESA_1 | 3/7/94 | <50 | – | – | – | – | – | – | – |
| MESA_1 | 3/25/94 | <50 | **4.3** | – | – | – | – | – | – |
| MESA_1 | 4/26/94 | **60** | **17** | <1.0 | <0.6 | – | <0.2 | <2.0 | <50.0 |
| MESA_1 | 5/25/94 | **120** | – | – | – | – | – | – | – |
| MESA_1 | 7/19/94 | **170** | – | – | – | – | – | – | – |
| MESA_1 | 8/8/94 | **100** | <1.0 | <1.0 | <0.5 | <0.2 | <2.0 | <50.0 | <10.0 |
| MESA_1 | 10/15/94 | <50 | <1.0 | <1.0 | <1.0 | <1.0 | <10. | <10. | <10. |
| MESA_1 | 11/12/94 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <1.0 | <1.0 | <1.0 |
| MESA_1 | 12/5/94 | **60** | <0.10 | <0.050 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_1 | 1/4/95 | **70** | <0.10 | <0.050 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_1 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/5/95 | <50 | <0.11 | <0.055 | <0.055 | <0.44 | <1.1 | <1.1 | <1.1 |
| MESA_1 | 3/11/95 | <50 | <0.10 | <0.05 | <0.05 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_1 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/19/95 | <50 | – | – | – | – | – | – | – |
| MESA_1 | 9/7/95 | **120** | <0.10 | <0.050 | <0.050 | <0.40 | <1.0 | <1.0 | <1.0 |
| MESA_1 | 11/1/95 | **110** | <1.0 | <0.6 | <0.5 | <0.2 | <2.0 | <50 | <10 |
| MESA_1 | 2/1/96 | **76** | – | – | – | – | – | – | – |

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

| Sampling Station Identification No. | Date | Aroclor 1242 PCB Total (ug/l) | Aroclor 1248 PCB Total (ug/l) | Aroclor 1254 PCB Total (ug/l) | 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) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_1 | 10/28/92 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_1 | 12/4/92 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_1 | 12/8/92 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_1 | 1/7/93 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_1 | 2/8/93 | <0.20 | <0.20 | <0.20 | <0.20 | <0.1 | <0.05 | <0.01 | <0.05 |
| MESA_1 | 8/20/93 | <20.0 | <20.0 | <20.0 | <20.0 | <1.5 | <0.10 | <0.10 | <1.0 |
| MESA_1 | 10/6/93 | <6.0 | **2.7** | <2.0 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 |
| MESA_1 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/7/94 | – | – | – | – | – | – | <0.1 | – |
| MESA_1 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 4/26/94 | <10.0 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | – | – |
| MESA_1 | 5/25/94 | – | – | – | – | – | – | <0.1 | – |
| MESA_1 | 7/19/94 | – | – | – | – | – | – | <0.1 | – |
| MESA_1 | 8/8/94 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | <0.1 | <0.1 | <1.0 |
| MESA_1 | 10/15/94 | <10. | <10. | <10. | <10. | <1.0 | <1.0 | <1.0 | <1.0 |
| MESA_1 | 11/12/94 | <1.0 | <1.0 | <1.0 | <1.0 | <0.5 | <0.1 | <0.1 | <0.1 |
| MESA_1 | 12/5/94 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.050 | <0.10 |
| MESA_1 | 1/4/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.050 | <0.10 |
| MESA_1 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/5/95 | <1.1 | <1.1 | <1.1 | <1.1 | <0.17 | <0.11 | <0.055 | <0.11 |
| MESA_1 | 3/11/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.05 | <0.10 |
| MESA_1 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/19/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 9/7/95 | <1.0 | <1.0 | <1.0 | <1.0 | <0.15 | <0.10 | <0.050 | <0.10 |
| MESA_1 | 11/1/95 | <6.0 | <2.0 | <2.0 | <4.0 | <1.5 | <0.1 | <0.2 | <1.0 |
| MESA_1 | 2/1/96 | – | – | – | – | – | – | – | – |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondetect Count

| Sampling Station Identification No. | Date | Dieldrin Total (ug/l) | Endo-Sulfan Alpha Total (ug/l) | Endo-Sulfan Beta Total (ug/l) | Endo-Sulfan Sulfate Total (ug/l) | Endrin Aldehyde Total (ug/l) | Endrin Total (ug/l) | Heptachlor Total (ug/l) | Heptachlor Epoxide Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_1 | 10/28/92 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_1 | 12/4/92 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_1 | 12/8/92 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_1 | 1/7/93 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_1 | 2/8/93 | <0.01 | <0.05 | <0.02 | <0.20 | <0.10 | <0.05 | <0.01 | <0.05 |
| MESA_1 | 8/20/93 | <0.50 | <0.4 | <1.0 | <0.4 | <0.60 | <1.5 | <0.5 | <0.5 |
| MESA_1 | 10/6/93 | <0.50 | <0.4 | <1.0 | <0.4 | <0.60 | <1.5 | <0.5 | <0.5 |
| MESA_1 | 2/7/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/7/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/25/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 4/26/94 | – | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 |
| MESA_1 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/8/94 | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 |
| MESA_1 | 10/15/94 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 | <1.0 |
| MESA_1 | 11/12/94 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| MESA_1 | 12/5/94 | <0.10 | <0.10 | <0.15 | <0.75 | <0.25 | <0.10 | <0.25 | <0.10 |
| MESA_1 | 1/4/95 | <0.10 | <0.10 | <0.15 | <0.75 | <0.25 | <0.10 | <0.25 | <0.10 |
| MESA_1 | 2/28/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 3/5/95 | <0.11 | <0.17 | <0.11 | <0.83 | <0.28 | <0.11 | <0.11 | <0.11 |
| MESA_1 | 3/11/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_1 | 5/7/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/19/95 | – | – | – | – | – | – | – | – |
| MESA_1 | 9/7/95 | <0.10 | <0.15 | <0.10 | <0.75 | <0.25 | <0.10 | <0.10 | <0.10 |
| MESA_1 | 11/1/95 | <0.5 | <0.4 | <1.0 | <0.4 | <0.6 | <1.5 | <0.5 | <0.5 |
| MESA_1 | 2/1/96 | – | – | – | – | – | – | – | – |

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

## EPA Method: 624
## Purgeables

| Sampling Station Identification No. | Date | Toxaphene Total (ug/l) | Methoxychlor Total (ug/l) | Beta Benzene Hexachloride Total (ug/l) | 1,1,2,2-Tetra-Chloroethane Total (ug/l) | 1,1,1,2-Tetra Chloroethane Total (ug/l) | Tetra-chloroethene PCE (ug/l) | 1,1,1-Tri-Chloroethane Total (ug/l) | 1,1,2-Tri-Chloroethane Total (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_1 | 10/28/92 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_1 | 12/4/92 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_1 | 12/8/92 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_1 | 1/7/93 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_1 | 2/8/93 | <0.20 | – | – | <6.9 | – | <4.1 | <3.8 | <5.0 |
| MESA_1 | 8/20/93 | <2.5 | – | <0.6 | – | – | – | – | – |
| MESA_1 | 10/6/93 | <2.5 | – | <0.6 | – | – | – | – | – |
| MESA_1 | 2/7/94 | – | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_1 | 3/7/94 | – | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_1 | 3/25/94 | – | – | – | – | – | <2.0 | <2.0 | <2.0 |
| MESA_1 | 4/26/94 | <0.5 | – | <1.0 | <2.5 | – | <2.0 | <2.0 | <2.0 |
| MESA_1 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/8/94 | <2.5 | – | <1.0 | <4.0 | – | <4.0 | <4.0 | <4.0 |
| MESA_1 | 10/15/94 | <1.0 | – | <1.0 | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_1 | 11/12/94 | <0.1 | – | <0.1 | – | – | – | – | – |
| MESA_1 | 12/5/94 | <0.50 | – | <0.050 | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_1 | 1/4/95 | <0.50 | – | <0.050 | <0.5 | – | <0.5 | <0.5 | <0.5 |
| MESA_1 | 2/28/95 | – | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_1 | 3/5/95 | <0.55 | – | <0.055 | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_1 | 3/11/95 | <0.50 | <10 | <0.05 | <2.0 | – | <2.0 | <2.0 | <2.0 |
| MESA_1 | 5/7/95 | – | – | – | <0.5 | – | <0.5 | <0.5 | <0.5 |
| MESA_1 | 8/19/95 | – | – | – | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_1 | 9/7/95 | <0.50 | <10 | <0.050 | <20 | – | <20 | <20 | <20 |
| MESA_1 | 11/1/95 | <2.5 | – | <0.3 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_1 | 2/1/96 | – | – | – | <2.0 | – | <2.0 | <2.0 | <2.0 |

NA = Not Analyzed
ND = Not Detected
– = Undetermined
K### = Nondetect Count

| Sampling Station Identification No. | Date | 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) | cis-1,3-Dichloro-propene (ug/l) | trans-1,2-Dichloroethene (ug/l) |
|---|---|---|---|---|---|---|---|---|---|
| MESA_1 | 8/22/92 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | – | <5.0 | – |
| MESA_1 | 10/28/92 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | – | <5.0 | – |
| MESA_1 | 12/4/92 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | – | <5.0 | – |
| MESA_1 | 12/8/92 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | – | <5.0 | – |
| MESA_1 | 1/7/93 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | – | <5.0 | – |
| MESA_1 | 2/8/93 | <1.9 | <4.7 | <2.8 | <2.8 | <6.0 | – | <5.0 | – |
| MESA_1 | 8/20/93 | – | – | – | – | – | – | – | – |
| MESA_1 | 10/6/93 | – | – | – | – | – | – | – | – |
| MESA_1 | 2/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_1 | 3/7/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_1 | 3/25/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_1 | 4/26/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 |
| MESA_1 | 5/25/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 7/19/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 8/8/94 | <4.0 | <4.0 | <4.0 | <4.0 | <4.0 | <10.0 | <4.0 | <4.0 |
| MESA_1 | 10/15/94 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_1 | 11/12/94 | – | – | – | – | – | – | – | – |
| MESA_1 | 12/5/94 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_1 | 1/4/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | <0.5 | <0.5 |
| MESA_1 | 2/28/95 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_1 | 3/5/95 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_1 | 3/11/95 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| MESA_1 | 5/7/95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | – | <0.5 | <0.5 |
| MESA_1 | 8/19/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_1 | 9/7/95 | <20 | <20 | <20 | <20 | <20 | <50 | <20 | <20 |
| MESA_1 | 11/1/95 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |
| MESA_1 | 2/1/96 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 | <5.0 | <2.0 | <2.0 |

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