

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 45253870

Station Code : 001
 Reported Date (Month Year) : June 2004

Application :
 1I000004*GD

7/19/2004

Sampling Station Description :
 Final Outfall

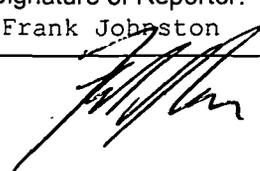
5543

| | | |
|--|-----------------|-----------|
| in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample | Reporting Lab : | Analyst : |
| in(2) - Enter frequency of sampling | | |

| (1) | 2 | 2 | 2 | 3 | 3 | 3 | 2 |
|-------|---|---|---|----------------------------|------------------------------------|---|---|
| (2) | 998 | 998 | 998 | 1 | 1 | 1 | 998 |
| Day | (01114) Lead, Total Recoverable ug/l | (01118) Chromium, Total Recoverable ug/l | (01119) Copper, Total Recoverable ug/l | (32106) Chloroform ug/l | (34496) 1,1-Dichloroethane ug/l | (39100) Bis(2-ethylhexyl) Phthalate ug/l | (01268) Antimony, Total Recoverable ug/l |
| 01 | 1.78 | AA | 3.27 | | | | |
| 02 | | | | | | | |
| 03 | | | | | | | |
| 04 | | | | | | | |
| 05 | | | | | | | |
| 06 | 1.05 | AA | 1.17 | | | | |
| 07 | 1.05 | AA | 1.03 | | | | |
| 08 | | | | | | | |
| 09 | 1.07 | AA | AA | AA | AA | AA | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | 1.05 | AA | AA | | | | |
| 13 | | | | | | | |
| 14 | 1.04 | AA | AA | | | | |
| 15 | | | | | | | AA |
| 16 | AA | AA | AA | | | | |
| 17 | | | | | | | |
| 18 | AA | AA | 1.66 | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |
| 21 | AA | AA | AA | | | | |
| 22 | | | | | | | |
| 23 | AA | AA | AA | | | | |
| 24 | | | | | | | |
| 25 | AA | AA | 8.87 | | | | |
| 26 | | | | | | | |
| 27 | | | | | | | |
| 28 | AA | AA | AA | | | | |
| 29 | | | | | | | |
| 30 | | | | | | | |
| 31 | | | | | | | |
| TOTAL | 7.04 | 0 | 16 | 0 | 0 | 0 | 0 |
| AVG | 0.5867 | 0 | 1.3333 | 0 | 0 | 0 | 0 |
| MAX | 1.78 | 0 | 8.87 | 0 | 0 | 0 | 0 |
| MIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

| | | |
|--------------------------------------|--|--|
| Date Report Completed: 07/19/2004 | Signature of Reporter: Frank Johnston | Title of Reporter: Environmental Compliance |
|--------------------------------------|--|--|



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Station Code : 001
 Reported Date (Month Year) : June 2004
 Sampling Station Description :
 Final Outfall

Application :
 11000004*GD

7/19/2004

5543

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample Reporting Lab :
 in(2) - Enter frequency of sampling Analyst :

| (1) | 1 | 3 | 3 | 2 | 3 | 2 | 2 |
|-------|-----------------------------|--|------------------------------------|-------------------------------|--|--|---|
| (2) | 999 | 1 | 1 | 998 | 1 | 998 | 998 |
| Day | (50050) Flow Rate MGD | (50060) Chlorine, Total Residual mg/l | (78391) Trichloroethene ug/l | (80082) CBOD 5 day mg/l | (50092) Mercury, Total (Low Level) ng/l | (00998) Beryllium, Total Recoverable ug/l | (00981) Selenium, Total Recoverable ug/l |
| 01 | 6.361 | AA | | AA | | | AA |
| 02 | 6.223 | | | | | | |
| 03 | 5.896 | | | | | | |
| 04 | 6.067 | | | | | | |
| 05 | 5.591 | | | | | | |
| 06 | 5.9 | | | | | | AA |
| 07 | 5.8 | AA | | AA | | | AA |
| 08 | 6.492 | | | | | | |
| 09 | 6.851 | AA | 1.23 | AA | | | AA |
| 10 | 6.737 | | | | | | |
| 11 | 7.616 | | | | | | |
| 12 | 8.546 | | | | | | AA |
| 13 | 8.482 | | | | | | |
| 14 | 8.556 | AA | | AA | | | AA |
| 15 | 8.63 | | | | | AA | |
| 16 | 8.001 | | | AA | 0.508 | | AA |
| 17 | 7.118 | | | | | | |
| 18 | 7.793 | AA | | | | | AA |
| 19 | 8.136 | | | | | | |
| 20 | 8.005 | | | | | | |
| 21 | 7.94 | AA | | AA | | | AA |
| 22 | 7.48 | | | | | | |
| 23 | 7.388 | AA | | AA | | | AA |
| 24 | 7.51 | | | | | | |
| 25 | 7.332 | | | | | | AA |
| 26 | 7.23 | | | | | | |
| 27 | 7.104 | AA | | | | | |
| 28 | 7.208 | | | AA | | | AA |
| 29 | 7.031 | | | | | | |
| 30 | 6.971 | | | | | | |
| 31 | | | | | | | |
| TOTAL | 215.995 | 0 | 1.23 | 0 | 0.508 | 0 | 0 |
| AVG | 7.1998 | 0 | 1.23 | 0 | 0.508 | 0 | 0 |
| MAX | 8.63 | 0 | 1.23 | 0 | 0.508 | 0 | 0 |
| MIN | 5.591 | 0 | 1.23 | 0 | 0.508 | 0 | 0 |

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Station Code : 001
 Reported Date (Month Year) : June 2004
 Sampling Station Description :
 Final Outfall

Application : 7/19/2004
 11000004*GD

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in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample Reporting Lab :
 in(2) - Enter frequency of sampling Analyst :

| (1) (2) Day | 2 998 (01062) Molybdenum (Mo) ug/l | 3 1 (00010) Water Temperature C | 3 1 (00300) Dissolved Oxygen mg/l | 1 999 (61941) pH, Maximum S.U. | 1 999 (61942) pH, Minimum S.U. | 2 998 (00530) Total Suspended Solids mg/l | 3 1 (00556) Oil and Grease, Freon Extr-Grav Meth |
|-------------------|--|---|---|--|--|--|---|
| 01 | 9.56 | 11.6 | 6.05 | 6.9 | 6.8 | 2 | AA |
| 02 | | 12.1 | | 6.9 | 6.8 | AA | |
| 03 | | 11.1 | | 6.7 | 6.7 | AA | |
| 04 | | 11.2 | | 6.8 | 6.7 | 2 | |
| 05 | | 11.2 | | 6.9 | 6.8 | 4 | |
| 06 | 6.43 | 11.2 | | 6.9 | 6.8 | 2.4 | |
| 07 | 7.19 | 11.1 | 6.76 | 6.8 | 6.7 | 2 | AA |
| 08 | | 11.8 | | 6.8 | 6.7 | AA | |
| 09 | 4.99 | 12.2 | 6.23 | 6.8 | 6.7 | 2.4 | AA |
| 10 | | 11.8 | | 6.8 | 6.7 | AA | |
| 11 | | 12.3 | | 6.8 | 6.6 | 4.8 | |
| 12 | 4.18 | 12 | | 6.8 | 6.7 | 4.4 | |
| 13 | | 12.5 | | 6.8 | 6.8 | 2 | |
| 14 | 4.18 | 12.1 | 7.07 | 6.8 | 6.8 | AA | AA |
| 15 | | 12.2 | | 6.8 | 6.7 | AA | |
| 16 | 5.12 | 12.2 | 6.86 | 6.8 | 6.7 | 3.2 | AA |
| 17 | | 12.7 | | 6.7 | 6.7 | 2.4 | |
| 18 | 7.34 | 12.9 | | 6.8 | 6.7 | AA | |
| 19 | | 12.4 | | 6.8 | 6.7 | AA | |
| 20 | | 12.4 | | 6.8 | 6.7 | AA | |
| 21 | 6.42 | 11.9 | 6.62 | 6.8 | 6.7 | AA | AA |
| 22 | | 12 | | 6.8 | 6.7 | 2 | |
| 23 | 3.48 | 11.7 | 6.73 | 6.8 | 6.7 | AA | AA |
| 24 | | 11.4 | | 6.8 | 6.7 | 2.8 | |
| 25 | 3.56 | 11.1 | | 6.8 | 6.7 | 2.4 | |
| 26 | | 11.3 | | 6.7 | 6.6 | 2 | |
| 27 | | 11.2 | | 6.7 | 6.6 | AA | |
| 28 | 3.27 | 10.9 | 9.3 | 6.7 | 6.6 | AA | AA |
| 29 | | 10.9 | | 6.7 | 6.6 | AA | |
| 30 | | 10.8 | | 6.7 | 6.6 | AA | |
| 31 | | | | | | | |
| TOTAL | 65.72 | 352.2 | 55.62 | 203.7 | 201 | 40.8 | 0 |
| AVG | 5.4767 | 11.74 | 6.9525 | N/A | N/A | 1.36 | 0 |
| MAX | 9.56 | 12.9 | 9.3 | 6.9 | 6.8 | 4.8 | 0 |
| MIN | 3.27 | 10.8 | 6.05 | 6.7 | 6.6 | 0 | 0 |

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 P.O. Box 538704
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Station Code :
 001

Reported Date (Month Year) :
 June 2004

Application :
 11000004*GD

7/19/2004

Sampling Station Description :
 Final Outfall

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| | | |
|--|-----------------|-----------|
| in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample | Reporting Lab : | Analyst : |
| in(2) - Enter frequency of sampling | | |

| (1) | 2 | 3 | 2 | 2 | 2 | 2 | 2 |
|-------|---|----------------------------------|---|---|---|---|---|
| (2) | 998 | 1 | 998 | 998 | 998 | 998 | 998 |
| Day | (00610) Nitrogen, Ammonia (NH3) mg/l | (00719) Cyanide, Free mg/l | (00979) Cobalt, Total Recoverable ug/l | (01055) Manganese, Total (Mn) ug/l | (01074) Nickel, Total Recoverable ug/l | (01079) Silver, Total Recoverable ug/l | (01094) Zinc, Total Recoverable ug/l |
| 01 | 0.583 | | AA | 128 | AA | AA | AA |
| 02 | | | | | | | |
| 03 | | | | | | | |
| 04 | | | | | | | |
| 05 | | | | | | | |
| 06 | 0.36 | | | | AA | AA | AA |
| 07 | 0.787 | | AA | 146 | AA | AA | AA |
| 08 | | | | | | | |
| 09 | 0.116 | | AA | 112 | AA | AA | AA |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | 0.111 | | | | AA | AA | AA |
| 13 | | | | | | | |
| 14 | 0.0959 | | AA | 111 | AA | AA | AA |
| 15 | | AA | | | | | |
| 16 | 0.14 | | AA | 137 | AA | AA | AA |
| 17 | | | | | | | |
| 18 | 0.736 | | | | AA | AA | AA |
| 19 | | | | | | | |
| 20 | | | | | | | |
| 21 | 0.199 | | AA | 129 | AA | AA | AA |
| 22 | | | | | | | |
| 23 | 0.026 | | AA | 127 | AA | AA | 8.34 |
| 24 | | | | | | | |
| 25 | 0.0234 | | | | AA | AA | AA |
| 26 | | | | | | | |
| 27 | | | | | | | |
| 28 | 0.0221 | | AA | 114 | AA | AA | AA |
| 29 | | | | | | | |
| 30 | | | | | | | |
| 31 | | | | | | | |
| TOTAL | 3.1994 | 0 | 0 | 1004 | 0 | 0 | 8.34 |
| AVG | 0.2666 | 0 | 0 | 125.5 | 0 | 0 | 0.695 |
| MAX | 0.787 | 0 | 0 | 146 | 0 | 0 | 8.34 |
| MIN | 0.0221 | 0 | 0 | 111 | 0 | 0 | 0 |

000004

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 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
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 P.O. Box 538704
 Cincinnati OH 4525387C

Station Code : 001
 Reported Date (Month Year) : June 2004
 Sampling Station Description :
 Final Outfall

Application : 7/19/2004
 1I000004*GD

5543

| | | |
|--|-----------------|-----------|
| in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample | Reporting Lab : | Analyst : |
| in(2) - Enter frequency of sampling | | |

| | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
|-------------------|---|--|--|---|--|--|---|
| (1) (2) Day | 998 (01113) Cadmium, Total Recoverable ug/l | 998 (01022) Boron, Total (0) ug/l | 998 (01009) Barium, Total Recoverable ug/l | 998 (00978) Arsenic, Total Recoverable ug/l | 998 (00951) Fluoride, Total (F) mg/l | 998 (00630) Nitrite Plus Nitrate, Total mg/l | 1 (70301) Solids, Dissolved-Sum of mg/l |
| 01 | AA | | 48.9 | | | | |
| 02 | | | | | | | |
| 03 | | | | | | | |
| 04 | | | | | | | |
| 05 | | | | | | | |
| 06 | AA | | 53.1 | | | | |
| 07 | AA | | 52 | | | | |
| 08 | | | | | | | |
| 09 | AA | | 51.5 | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | AA | | 52.2 | | | | |
| 13 | | | | | | | |
| 14 | AA | | 49.8 | | | | |
| 15 | | 39.6 | | AA | 0.31 | 2.65 | |
| 16 | AA | | 50.4 | | | | 484 |
| 17 | | | | | | | |
| 18 | AA | | 47.1 | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |
| 21 | AA | | 47.5 | | | | |
| 22 | | | | | | | |
| 23 | AA | | 48.8 | | | | |
| 24 | | | | | | | |
| 25 | AA | | 50 | | | | |
| 26 | | | | | | | |
| 27 | | | | | | | |
| 28 | AA | | 47.7 | | | | |
| 29 | | | | | | | |
| 30 | | | | | | | |
| 31 | | | | | | | |
| TOTAL | 0 | 39.6 | 599 | 0 | 0.31 | 2.65 | 484 |
| AVG | 0 | 39.6 | 49.9167 | 0 | 0.31 | 2.65 | 484 |
| MAX | 0 | 39.6 | 53.1 | 0 | 0.31 | 2.65 | 484 |
| MIN | 0 | 39.6 | 47.1 | 0 | 0.31 | 2.65 | 484 |

000005

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4500

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 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 4525387C

Station Code : 001
 Reported Date (Month Year) : June 2004
 Sampling Station Description :
 Final Outfall

Application :
 11000004*GD

7/19/2004

5543

| Reporting Code | Result Date | Additional Remarks | Mdl |
|----------------|-------------|--------------------|------------------|
| 00530 | 06/02/2004 | | 2. |
| 00530 | 06/03/2004 | | 2. |
| 00530 | 06/08/2004 | | 2. |
| 00530 | 06/10/2004 | | 2. |
| 00530 | 06/14/2004 | | 2. |
| 00530 | 06/15/2004 | | 2. |
| 00530 | 06/18/2004 | | 2. |
| 00530 | 06/19/2004 | | 2. |
| 00530 | 06/20/2004 | | 2. |
| 00530 | 06/21/2004 | | 2. |
| 00530 | 06/23/2004 | | 2. |
| 00530 | 06/27/2004 | | 2. |
| 00530 | 06/28/2004 | | 2. |
| 00530 | 06/29/2004 | | 2. |
| 00530 | 06/30/2004 | | 2. |
| 00556 | 06/01/2004 | | 1.48 |
| 00556 | 06/07/2004 | | 2.46 |
| 00556 | 06/09/2004 | | 2.46 |
| 00556 | 06/14/2004 | | 2.46 |
| 00556 | 06/16/2004 | | 2.46 |
| 00556 | 06/21/2004 | | 2.46 |
| 00556 | 06/23/2004 | | 2.46 |
| 00556 | 06/28/2004 | | 2.46 |
| 00719 | 06/15/2004 | | .002 |
| 00978 | 06/15/2004 | | 5. |
| 00979 | 06/01/2004 | | 1. |
| 00979 | 06/07/2004 | | 1. |
| 00979 | 06/09/2004 | | 1. |
| 00979 | 06/14/2004 | | 1. |
| 00979 | 06/16/2004 | | 1. |
| 00979 | 06/21/2004 | | 1. |
| 00979 | 06/23/2004 | | 1. |
| 00979 | 06/28/2004 | | 1. |
| 00981 | 06/01/2004 | | 5. |
| 00981 | 06/06/2004 | | 5. |
| 00981 | 06/07/2004 | | 5. |
| 00981 | 06/09/2004 | | 5. |
| 00981 | 06/12/2004 | | 5. |
| 00981 | 06/14/2004 | | 5. 000006 |

| Reporting Code | Result Date | Additional Remarks | Mdl |
|----------------|-------------|--------------------|-----|
| 00981 | 06/16/2004 | | 5. |
| 00981 | 06/18/2004 | | 5. |
| 00981 | 06/21/2004 | | 5. |
| 00981 | 06/23/2004 | | 5. |
| 00981 | 06/25/2004 | | 5. |
| 00981 | 06/28/2004 | | 5. |
| 00998 | 06/15/2004 | | 1. |
| 01074 | 06/01/2004 | | 1. |
| 01074 | 06/06/2004 | | 1. |
| 01074 | 06/07/2004 | | 1. |
| 01074 | 06/09/2004 | | 1. |
| 01074 | 06/12/2004 | | 1. |
| 01074 | 06/14/2004 | | 1. |
| 01074 | 06/16/2004 | | 1. |
| 01074 | 06/18/2004 | | 1. |
| 01074 | 06/21/2004 | | 1. |
| 01074 | 06/23/2004 | | 1. |
| 01074 | 06/25/2004 | | 1. |
| 01074 | 06/28/2004 | | 1. |
| 01079 | 06/01/2004 | | 1. |
| 01079 | 06/06/2004 | | 1. |
| 01079 | 06/07/2004 | | 1. |
| 01079 | 06/09/2004 | | 1. |
| 01079 | 06/12/2004 | | 1. |
| 01079 | 06/14/2004 | | 1. |
| 01079 | 06/16/2004 | | 1. |
| 01079 | 06/18/2004 | | 1. |
| 01079 | 06/21/2004 | | 1. |
| 01079 | 06/23/2004 | | 1. |
| 01079 | 06/25/2004 | | 1. |
| 01079 | 06/28/2004 | | 1. |
| 01094 | 06/01/2004 | | 5. |
| 01094 | 06/06/2004 | | 5. |
| 01094 | 06/07/2004 | | 5. |
| 01094 | 06/09/2004 | | 5. |
| 01094 | 06/12/2004 | | 5. |
| 01094 | 06/14/2004 | | 5. |
| 01094 | 06/16/2004 | | 5. |
| 01094 | 06/18/2004 | | 5. |
| 01094 | 06/21/2004 | | 5. |
| 01094 | 06/25/2004 | | 5. |
| 01094 | 06/28/2004 | | 5. |
| 01113 | 06/01/2004 | | 1. |
| 01113 | 06/06/2004 | | 1. |
| 01113 | 06/07/2004 | | 1. |
| 01113 | 06/09/2004 | | 1. |
| 01113 | 06/12/2004 | | 1. |

5543

000007

| Reporting Code | Result Date | Additional Remarks | Mdl |
|----------------|-------------|--------------------|-----|
| 01113 | 06/14/2004 | | 1. |
| 01113 | 06/16/2004 | | 1. |
| 01113 | 06/18/2004 | | 1. |
| 01113 | 06/21/2004 | | 1. |
| 01113 | 06/23/2004 | | 1. |
| 01113 | 06/25/2004 | | 1. |
| 01113 | 06/28/2004 | | 1. |
| 01114 | 06/16/2004 | | 1. |
| 01114 | 06/18/2004 | | 1. |
| 01114 | 06/21/2004 | | 1. |
| 01114 | 06/23/2004 | | 1. |
| 01114 | 06/25/2004 | | 1. |
| 01114 | 06/28/2004 | | 1. |
| 01118 | 06/01/2004 | | 1. |
| 01118 | 06/06/2004 | | 1. |
| 01118 | 06/07/2004 | | 1. |
| 01118 | 06/09/2004 | | 1. |
| 01118 | 06/12/2004 | | 1. |
| 01118 | 06/14/2004 | | 1. |
| 01118 | 06/16/2004 | | 1. |
| 01118 | 06/18/2004 | | 1. |
| 01118 | 06/21/2004 | | 1. |
| 01118 | 06/23/2004 | | 1. |
| 01118 | 06/25/2004 | | 1. |
| 01118 | 06/28/2004 | | 1. |
| 01119 | 06/09/2004 | | 1. |
| 01119 | 06/12/2004 | | 1. |
| 01119 | 06/14/2004 | | 1. |
| 01119 | 06/16/2004 | | 1. |
| 01119 | 06/21/2004 | | 1. |
| 01119 | 06/23/2004 | | 1. |
| 01119 | 06/28/2004 | | 1. |
| 01268 | 06/15/2004 | | 1. |
| 32106 | 06/09/2004 | | 1. |
| 34496 | 06/09/2004 | | 1. |
| 39100 | 06/09/2004 | | .98 |
| 50060 | 06/01/2004 | | .05 |
| 50060 | 06/07/2004 | | .05 |
| 50060 | 06/09/2004 | | .05 |
| 50060 | 06/14/2004 | | .05 |
| 50060 | 06/18/2004 | | .05 |
| 50060 | 06/21/2004 | | .05 |
| 50060 | 06/23/2004 | | .05 |
| 50060 | 06/27/2004 | | .05 |
| 80082 | 06/01/2004 | | 2. |
| 80082 | 06/07/2004 | | 2. |
| 80082 | 06/09/2004 | | 2. |

5543

000008

| Reporting Code | Result Date | Additional Remarks | Mdl |
|----------------|-------------|--------------------|-----|
| 80082 | 06/14/2004 | | 2. |
| 80082 | 06/16/2004 | | 2. |
| 80082 | 06/21/2004 | | 2. |
| 80082 | 06/23/2004 | | 2. |
| 80082 | 06/28/2004 | | 2. |

5543

000009

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH4525387C

Station Code : 002
 Reported Date (Month Year) : June 2004

Application : 11000004*GD

7/19/2004

Sampling Station Description :
 Storm Water Retention Basin Overflow

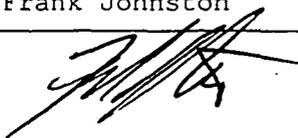
5543

| | | |
|--|-----------------|-----------|
| in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample | Reporting Lab : | Analyst : |
| in(2) - Enter frequency of sampling | | |

| Day | (1) | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
|-------|-----|--|--------------------------------------|-----------------------------|--------------------------------|--|--|--------------------------------|
| | (2) | 4 | 4 | 1 | 1 | 1 | 1 | 1 |
| | | (00530) Total Suspended Solids mg/l | (01042) Copper, Total (Cu ug/l | (50050) Flow Rate MGD | (61941) pH, Maximum S.U. | (50060) Chlorine, Total Residual mg/l | (50092) Mercury, Total (Low Level) ng/l | (61942) pH, Minimum S.U. |
| 01 | | AL | | | | | | |
| 02 | | | | | | | | |
| 03 | | | | | | | | |
| 04 | | | | | | | | |
| 05 | | | | | | | | |
| 06 | | | | | | | | |
| 07 | | | | | | | | |
| 08 | | | | | | | | |
| 09 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
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| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| TOTAL | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AVG | | 0 | | | N/A | | | N/A |
| MAX | | 0 | | | | | | |
| MIN | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

| | | |
|--------------------------------------|--|--|
| Date Report Completed: 07/19/2004 | Signature of Reporter: Frank Johnston | Title of Reporter: Environmental Compliance |
|--------------------------------------|--|--|



MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
USDOE FERNALD ENVIRONMENTAL MGMT
PROJ
Fluor Fernald
P.O. Box 538704
Cincinnati OH 45253870

Station Code :
002

Reported Date (Month Year) :
June 2004

Application :
11000004*GD

7/19/2004

Sampling Station Description :
Storm Water Retention Basin Overflow

5543

000011

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH4525387C

Station Code : 003
 Reported Date (Month Year) : June 2004
 Sampling Station Description :
 Storm water runoff to Paddys Run

Application : 1I000004*GD
 7/19/2004

5543

| | | |
|--|-----------------|-----------|
| in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample | Reporting Lab : | Analyst : |
| in(2) - Enter frequency of sampling | | |

| Day | (1) | 2 | 2 | 3 | 3 | 3 | |
|-------|-----------------------|--|---|---------------------------------------|-----------------------------|--|---|
| | (2) | 4 | 4 | 1 | 1 | 1 | |
| | (00400) pH S.U. | (00530) Total Suspended Solids mg/l | (01119) Copper, Total Recoverable ug/l | (31616) Fecal Coliform #/100 ml | (50050) Flow Rate MGD | (50092) Mercury, Total (Low Level) ng/l | |
| 01 | | | | | | | |
| 02 | | | | | | | |
| 03 | | | | | | | |
| 04 | | | | | | | |
| 05 | | | | | | | |
| 06 | | | | | | | |
| 07 | | | | | | | |
| 08 | | | | | | | |
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| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | 7.01 | 36 | 4.98 | 5800 | 0.657 | 4.51 | |
| 19 | | | | | | | |
| 20 | | | | | | | |
| 21 | | | | | | | |
| 22 | | | | | | | |
| 23 | | | | | | | |
| 24 | | | | | | | |
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| 26 | | | | | | | |
| 27 | | | | | | | |
| 28 | | | | | | | |
| 29 | | | | | | | |
| 30 | | | | | | | |
| 31 | | | | | | | |
| TOTAL | 7.01 | 36 | 4.98 | 5800 | 0.657 | 4.51 | 0 |
| AVG | N/A | 36 | 4.98 | 5800 | 0.657 | 4.51 | |
| MAX | 7.01 | 36 | 4.98 | 5800 | 0.657 | 4.51 | |
| MIN | 7.01 | 36 | 4.98 | 5800 | 0.657 | 4.51 | 0 |

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

| | | |
|--------------------------------------|--|--|
| Date Report Completed: 07/19/2004 | Signature of Reporter: Frank Johnston | Title of Reporter: Environmental Compliance |
|--------------------------------------|--|--|

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
USDOE FERNALD ENVIRONMENTAL MGMT
PROJ
Fluor Fernald
P.O. Box 538704
Cincinnati OH 45253870

Station Code :
003

Reported Date (Month Year) :
June 2004

Application :
1I000004*GD

7/19/2004

5543

Sampling Station Description :
Storm water runoff to Paddys Run

000013

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 4525387C

Station Code : 004
 Reported Date (Month Year) : June 2004

Application : 11Q00004*GD
 7/19/2004

Sampling Station Description :
 Storm water runoff to Paddys Run

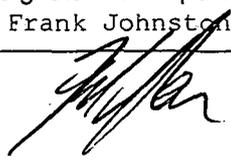
5543

| | | |
|--|-----------------|-----------|
| in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample | Reporting Lab : | Analyst : |
| in(2) - Enter frequency of sampling | | |

| Day | (1) | 2 | 2 | 2 | 2 | 3 | 3 |
|-------|-----|-----------------------|--|---|---|---|---------------------------------------|
| | (2) | (00400) pH S.U. | (00530) Total Suspended Solids mg/l | (01079) Silver, Total Recoverable ug/l | (01114) Lead, Total Recoverable ug/l | (01119) Copper, Total Recoverable ug/l | (31616) Fecal Coliform #/100 ml |
| 01 | | | | | | | |
| 02 | | | | | | | |
| 03 | | | | | | | |
| 04 | | | | | | | |
| 05 | | | | | | | |
| 06 | | | | | | | |
| 07 | | | | | | | |
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| 09 | | | | | | | |
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| 12 | | | | | | | |
| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | AH | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |
| 21 | | | | | | | |
| 22 | | | | | | | |
| 23 | | | | | | | |
| 24 | | | | | | | |
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| 26 | | | | | | | |
| 27 | | | | | | | |
| 28 | | | | | | | |
| 29 | | | | | | | |
| 30 | | | | | | | |
| 31 | | | | | | | |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AVG | N/A | | | | | | |
| MAX | 0 | | | | | | |
| MIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

| | | |
|--------------------------------------|--|--|
| Date Report Completed: 07/19/2004 | Signature of Reporter: Frank Johnston | Title of Reporter: Environmental Compliance |
|--------------------------------------|--|--|



MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 45253870

Station Code : 004
 Reported Date (Month Year) : June 2004

Application : 11000004*GD
 7/19/2004

Sampling Station Description :
 Storm water runoff to Paddys Run

5543

| | | |
|--|-----------------|-----------|
| in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample | Reporting Lab : | Analyst : |
| in(2) - Enter frequency of sampling | | |

| Day | (1) | (2) | Mercury, Total (Low Level) ng/l | | | | |
|-------|-----|-----|---------------------------------------|---|---|---|---|
| 01 | | | | | | | |
| 02 | | | | | | | |
| 03 | | | | | | | |
| 04 | | | | | | | |
| 05 | | | | | | | |
| 06 | | | | | | | |
| 07 | | | | | | | |
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| 24 | | | | | | | |
| 25 | | | | | | | |
| 26 | | | | | | | |
| 27 | | | | | | | |
| 28 | | | | | | | |
| 29 | | | | | | | |
| 30 | | | | | | | |
| 31 | | | | | | | |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AVG | | | | | | | |
| MAX | | | | | | | |
| MIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
USDOE FERNALD ENVIRONMENTAL MGMT
PROJ
Fluor Fernald
P.O. Box 538704
Cincinnati OH 4525387C

Station Code : 004
Reported Date (Month Year) : June 2004

Application : 7/19/2004
11000004*GD

Sampling Station Description :
Storm water runoff to Paddys Run

5543

| Reporting Code | Result Date | Additional Remarks | Mdi |
|----------------|-------------|---|-----|
| 00400 | 06/18/2004 | SAMPLE UNABLE TO BE COLLECTED DUE TO SAFETY CONCERNS. WILL BE COLLECTED DURING JULY | |

000016

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 45253870

Station Code : 005
 Reported Date (Month Year) : June 2004

Application : 11000004*GD

7/19/2004

Sampling Station Description :
 Storm water runoff to Paddys Run

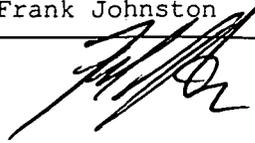
5543

| | | |
|---|-----------------|-----------|
| in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample in(2) - Enter frequency of sampling | Reporting Lab : | Analyst : |
|---|-----------------|-----------|

| (1) (2) Day | 2 | 3 | 2 | 3 | 3 | 3 | |
|-------------------|--|-----------------------|---|---------------------------------------|-----------------------------|--|---|
| | 4 | 1 | 4 | 1 | 1 | 1 | |
| | (00530) Total Suspended Solids mg/l | (00400) pH S.U. | (01114) Lead, Total Recoverable ug/l | (31616) Fecal Coliform #/100 ml | (50050) Flow Rate MGD | (50092) Mercury, Total (Low Level) ng/l | |
| 01 | | | | | | | |
| 02 | | | | | | | |
| 03 | | | | | | | |
| 04 | | | | | | | |
| 05 | | | | | | | |
| 06 | | | | | | | |
| 07 | | | | | | | |
| 08 | | | | | | | |
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| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | 8.4 | 7.31 | AA | 1127 | 0.205 | 0.916 | |
| 18 | | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |
| 21 | | | | | | | |
| 22 | | | | | | | |
| 23 | | | | | | | |
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| 25 | | | | | | | |
| 26 | | | | | | | |
| 27 | | | | | | | |
| 28 | | | | | | | |
| 29 | | | | | | | |
| 30 | | | | | | | |
| 31 | | | | | | | |
| TOTAL | 8.4 | 7.31 | 0 | 1127 | 0.205 | 0.916 | 0 |
| AVG | 8.4 | N/A | 0 | 1127 | 0.205 | 0.916 | |
| MAX | 8.4 | 7.31 | 0 | 1127 | 0.205 | 0.916 | |
| MIN | 8.4 | 7.31 | 0 | 1127 | 0.205 | 0.916 | 0 |

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

| | | |
|--------------------------------------|--|--|
| Date Report Completed: 07/19/2004 | Signature of Reporter: Frank Johnston | Title of Reporter: Environmental Compliance |
|--------------------------------------|--|--|



MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
USDOE FERNALD ENVIRONMENTAL MGMT
PROJ
Fluor Fernald
P.O. Box 538704
Cincinnati OH 45253870

Station Code :
005

Reported Date (Month Year) :
June 2004

Application :
11000004*GD

7/19/2004

Sampling Station Description :
Storm water runoff to Paddys Run

5543

| Reporting Code | Result Date | Additional Remarks | Mdi |
|----------------|-------------|--------------------|-----|
| 01114 | 06/17/2004 | | 1. |

000018

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 45253870

Station Code : 006
 Reported Date (Month Year) : June 2004

Application : 11000004*GD
 7/19/2004

Sampling Station Description :
 Storm water runoff to Paddys Run

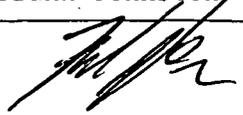
5543

| | | |
|--|-----------------|-----------|
| in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample | Reporting Lab : | Analyst : |
| in(2) - Enter frequency of sampling | | |

| Day | (1) | 2 | 2 | 3 | 2 | 2 | 3 | 3 |
|-------|-----|---|---|-----------------------|--|---|---------------------------------------|-----------------------------|
| | (2) | 4 | 4 | 1 | 4 | 4 | 1 | 1 |
| | | (01114) Lead, Total Recoverable ug/l | (01119) Copper, Total Recoverable ug/l | (00400) pH S.U. | (00530) Total Suspended Solids mg/l | (01079) Silver, Total Recoverable ug/l | (31616) Fecal Coliform #/100 ml | (50050) Flow Rate MGD |
| 01 | | | | | | | | |
| 02 | | | | | | | | |
| 03 | | | | | | | | |
| 04 | | | | | | | | |
| 05 | | | | | | | | |
| 06 | | | | | | | | |
| 07 | | | | | | | | |
| 08 | | | | | | | | |
| 09 | | | | | | | | |
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| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | 1.12 | 6.21 | 6.18 | 5 | AA | 866 | 0.269 |
| 19 | | | | | | | | |
| 20 | | | | | | | | |
| 21 | | | | | | | | |
| 22 | | | | | | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| TOTAL | | 1.12 | 6.21 | 6.18 | 5 | 0 | 866 | 0.269 |
| AVG | | 1.12 | 6.21 | N/A | 5 | 0 | 866 | 0.269 |
| MAX | | 1.12 | 6.21 | 6.18 | 5 | 0 | 866 | 0.269 |
| MIN | | 1.12 | 6.21 | 6.18 | 5 | 0 | 866 | 0.269 |

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

| | | |
|--------------------------------------|--|--|
| Date Report Completed: 07/19/2004 | Signature of Reporter: Frank Johnston | Title of Reporter: Environmental Compliance |
|--------------------------------------|--|--|



MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 45253870

Station Code : 006
 Reported Date (Month Year) : June 2004
 Sampling Station Description :
 Storm water runoff to Paddys Run

Application : 7/19/2004
 11000004*GD

5543

| | | |
|--|-----------------|-----------|
| in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample | Reporting Lab : | Analyst : |
| in(2) - Enter frequency of sampling | | |

| Day | (1) (2) (50092) Mercury, Total (Low Level) ng/l | | | | | | |
|-------|--|---|---|---|---|---|---|
| 01 | | | | | | | |
| 02 | | | | | | | |
| 03 | | | | | | | |
| 04 | | | | | | | |
| 05 | | | | | | | |
| 06 | | | | | | | |
| 07 | | | | | | | |
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| 13 | | | | | | | |
| 14 | | | | | | | |
| 15 | | | | | | | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | 0.698 | | | | | | |
| 19 | | | | | | | |
| 20 | | | | | | | |
| 21 | | | | | | | |
| 22 | | | | | | | |
| 23 | | | | | | | |
| 24 | | | | | | | |
| 25 | | | | | | | |
| 26 | | | | | | | |
| 27 | | | | | | | |
| 28 | | | | | | | |
| 29 | | | | | | | |
| 30 | | | | | | | |
| 31 | | | | | | | |
| TOTAL | 0.698 | 0 | 0 | 0 | 0 | 0 | 0 |
| AVG | 0.698 | | | | | | |
| MAX | 0.698 | | | | | | |
| MIN | 0.698 | 0 | 0 | 0 | 0 | 0 | 0 |

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 45253870

Station Code :
 006

Reported Date (Month Year) :
 June 2004

Application : 7/19/2004
 1I000004*GD

Sampling Station Description :
 Storm water runoff to Paddys Run

5543

| Reporting Code | Result Date | Additional Remarks | Mdl |
|----------------|-------------|--------------------|-----|
| 01079 | 06/18/2004 | | 1. |

000021

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 45253870

Station Code : 601
 Reported Date (Month Year) : June 2004

Application : 11000004*GD
 7/19/2004

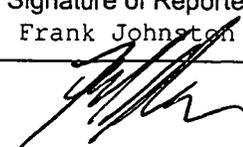
Sampling Station Description :
 Sewage Treatment Plant Effluent (Internal to 001)

5543

| | | |
|--|-----------------|-----------|
| in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample | Reporting Lab : | Analyst : |
| in(2) - Enter frequency of sampling | | |

| Day | (1) (2) 3 1 (31616) Fecal Coliform #/100 ml | 1 999 (50050) Flow Rate MGD | 3 1 (00400) pH S.U. | 2 998 (00530) Total Suspended Solids mg/l | 2 998 (00610) Nitrogen, Ammonia (NH3) mg/l | 2 998 (80082) CBOD 5 day mg/l | |
|-------|---|---|---------------------------------|--|---|---|---|
| 01 | 25 | 0.0223 | 6.31 | 6 | | AA | |
| 02 | | 0.0204 | 6.51 | | | | |
| 03 | | 0.02 | 6.59 | | | | |
| 04 | | 0.011 | 6.76 | | | | |
| 05 | | 0.011 | 6.84 | | | | |
| 06 | | 0.0083 | 6.5 | | | | |
| 07 | | 0.0202 | 6.45 | 6.8 | 0.177 | AA | |
| 08 | | 0.0145 | 6.39 | | | | |
| 09 | 1 | 0.0183 | 6.5 | 9.2 | | AA | |
| 10 | | 0.0197 | 6.4 | | | | |
| 11 | | 0.018 | 6.21 | | | | |
| 12 | | 0.016 | 5.25 | | | | |
| 13 | | 0.0132 | 5.44 | | | | |
| 14 | | 0.0252 | 5.91 | AH | | AH | |
| 15 | | 0.0248 | 7 | | | | |
| 16 | | 0.0225 | 6.2 | 4.4 | | AA | |
| 17 | | 0.0205 | 6.21 | | | | |
| 18 | | 0.0187 | 5.81 | | | | |
| 19 | | 0.0146 | 5.66 | | | | |
| 20 | | 0.0114 | 6.08 | | | | |
| 21 | | 0.0162 | 6.32 | 4.4 | | AA | |
| 22 | 53 | 0.0128 | 6.18 | | | | |
| 23 | | 0.0256 | 6.1 | 4 | 0.159 | AA | |
| 24 | | 0.0203 | 6.06 | | | | |
| 25 | | 0.0139 | 5.37 | | | | |
| 26 | | 0.0073 | 5.68 | | | | |
| 27 | | 0.0048 | 5.1 | | | | |
| 28 | 47 | 0.018 | 5.3 | 3.6 | | AA | |
| 29 | | 0.0179 | 5.24 | | | | |
| 30 | | 0.0156 | 5.56 | | | | |
| 31 | | | | | | | |
| TOTAL | 126 | 0.503 | 181.93 | 38.4 | 0.336 | 0 | 0 |
| AVG | 15.7971 | 0.0168 | N/A | 5.4857 | 0.168 | 0 | |
| MAX | 53 | 0.0256 | 7 | 9.2 | 0.177 | 0 | |
| MIN | 1 | 0.0048 | 5.1 | 3.6 | 0.159 | 0 | 0 |

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

| | | |
|--------------------------------------|---|--|
| Date Report Completed: 07/19/2004 | Signature of Reporter:  Frank Johnston | Title of Reporter: Environmental Compliance |
|--------------------------------------|---|--|

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 45253870

Station Code : 601
 Reported Date (Month Year) : June 2004

Application : 11000004*GD
 7/19/2004

5543

Sampling Station Description :
 Sewage Treatment Plant Effluent (Internal to 001)

| Reporting Code | Result Date | Additional Remarks | Mdl |
|----------------|-------------|--|-----|
| 00530 | 06/14/2004 | SAMPLE NOT COLLECTED DUE TO ADMINISTRATIVE OVERSIGHT | . |
| 80082 | 06/01/2004 | | 2. |
| 80082 | 06/07/2004 | | 2. |
| 80082 | 06/09/2004 | | 2. |
| 80082 | 06/14/2004 | SAMPLE NOT COLLECTED DUE TO ADMINISTRATIVE OVERSIGHT | . |
| 80082 | 06/16/2004 | | 2. |
| 80082 | 06/21/2004 | | 2. |
| 80082 | 06/23/2004 | | 2. |
| 80082 | 06/28/2004 | | 2. |

000023

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 4525387C

Station Code : 801
 Reported Date (Month Year) : June 2004

Application : 11000004*GD
 7/19/2004

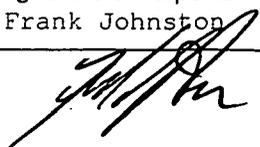
Sampling Station Description :
 Upstream monitoring

5543

| | | |
|--|-----------------|-----------|
| in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample | Reporting Lab : | Analyst : |
| in(2) - Enter frequency of sampling | | |

| Day | (1) | 3 | 3 | 3 | 3 | 3 | 3 | |
|-------|-----|--------------------------------------|-------------------------------------|-----------------------|---|---|---|---|
| | (2) | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | (00010) Water Temperature C | (00300) Dissolved Oxygen mg/l | (00400) pH S.U. | (00610) Nitrogen, Ammonia (NH3) mg/l | (00900) Hardness, Total (CaCO3) mg/l | (00979) Cobalt, Total Recoverable ug/l | (01055) Manganese, Total (Mn) ug/l |
| 01 | | | | | | | | |
| 02 | | | | | | | | |
| 03 | | | | | | | | |
| 04 | | | | | | | | |
| 05 | | | | | | | | |
| 06 | | | | | | | | |
| 07 | | | | | 0.0438 | 337 | AA | 39.8 |
| 08 | | | | | | | | |
| 09 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
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| 21 | | | | | | | | |
| 22 | | | | | | | | |
| 23 | | | | | | | | |
| 24 | 22 | | 7.63 | 6.95 | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| TOTAL | 22 | | 7.63 | 6.95 | 0.0438 | 337 | 0 | 39.8 |
| AVG | 22 | | 7.63 | N/A | 0.0438 | 337 | 0 | 39.8 |
| MAX | 22 | | 7.63 | 6.95 | 0.0438 | 337 | 0 | 39.8 |
| MIN | 22 | | 7.63 | 6.95 | 0.0438 | 337 | 0 | 39.8 |

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

| | | |
|--------------------------------------|---|--|
| Date Report Completed: 07/19/2004 | Signature of Reporter:  Frank Johnston | Title of Reporter: Environmental Compliance |
|--------------------------------------|---|--|

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH45253870

Station Code : 801
 Reported Date (Month Year) : June 2004

Application : 11000004*GD
 7/19/2004

Sampling Station Description :
 Upstream monitoring

5543

| | | |
|--|-----------------|-----------|
| in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample | Reporting Lab : | Analyst : |
| in(2) - Enter frequency of sampling | | |

| Day | (1) | 3 | 3 | 3 | 3 | 3 | 3 | |
|-------|-----|---|---|---|--|---|---|---|
| | (2) | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | (01074) Nickel, Total Recoverable ug/l | (01079) Silver, Total Recoverable ug/l | (01094) Zinc, Total Recoverable ug/l | (01113) Cadmium, Total Recoverable ug/l | (01114) Lead, Total Recoverable ug/l | (01118) Chromium, Total Recoverable ug/l | (01119) Copper, Total Recoverable ug/l |
| 01 | | | | | | | | |
| 02 | | | | | | | | |
| 03 | | | | | | | | |
| 04 | | | | | | | | |
| 05 | | | | | | | | |
| 06 | | | | | | | | |
| 07 | | 1.28 | AA | AA | AA | 2.15 | AA | 3.18 |
| 08 | | | | | | | | |
| 09 | | | | | | | | |
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| 30 | | | | | | | | |
| 31 | | | | | | | | |
| TOTAL | | 1.28 | 0 | 0 | 0 | 2.15 | 0 | 3.18 |
| AVG | | 1.28 | 0 | 0 | 0 | 2.15 | 0 | 3.18 |
| MAX | | 1.28 | 0 | 0 | 0 | 2.15 | 0 | 3.18 |
| MIN | | 1.28 | 0 | 0 | 0 | 2.15 | 0 | 3.18 |

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 45253870

Station Code : 801
 Reported Date (Month Year) : June 2004
 Sampling Station Description :
 Upstream monitoring

Application : 11000004*GD
 7/19/2004

5543

| | | |
|--|-----------------|-----------|
| in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample | Reporting Lab : | Analyst : |
| in(2) - Enter frequency of sampling | | |

| (1) | 3 | | | | | | |
|-------|--|---|---|---|---|---|---|
| (2) | 1 | | | | | | |
| Day | (99992) Mercury, Total Recoverable ug/l | | | | | | |
| 01 | | | | | | | |
| 02 | | | | | | | |
| 03 | | | | | | | |
| 04 | | | | | | | |
| 05 | | | | | | | |
| 06 | | | | | | | |
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| 19 | | | | | | | |
| 20 | | | | | | | |
| 21 | | | | | | | |
| 22 | | | | | | | |
| 23 | | | | | | | |
| 24 | 0.00403 | | | | | | |
| 25 | | | | | | | |
| 26 | | | | | | | |
| 27 | | | | | | | |
| 28 | | | | | | | |
| 29 | | | | | | | |
| 30 | | | | | | | |
| 31 | | | | | | | |
| TOTAL | 0.004 | 0 | 0 | 0 | 0 | 0 | 0 |
| AVG | 0.004 | | | | | | |
| MAX | 0.00403 | | | | | | |
| MIN | 0.00403 | 0 | 0 | 0 | 0 | 0 | 0 |

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 45253870

Station Code : 801
 Reported Date (Month Year) : June 2004

Application : 11000004*GD
 7/19/2004

5543

Sampling Station Description :
 Upstream monitoring

| Reporting Code | Result Date | Additional Remarks | Mdl |
|----------------|-------------|--------------------|-----|
| 00979 | 06/07/2004 | | 1. |
| 01079 | 06/07/2004 | | 1. |
| 01094 | 06/07/2004 | | 5. |
| 01113 | 06/07/2004 | | 1. |
| 01118 | 06/07/2004 | | 1. |

000027

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 4525387C

Station Code : 902
 Reported Date (Month Year) : June 2004

Application : 11000004*GD
 7/19/2004

Sampling Station Description :
 Downstream monitoring

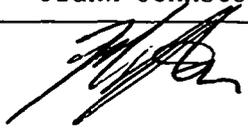
5543

| | | |
|--|-----------------|-----------|
| in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample | Reporting Lab : | Analyst : |
| in(2) - Enter frequency of sampling . | | |

| (1) | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|-------|---|---|--|---|-----------------------------------|-------------------------------------|-----------------------|
| (2) | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Day | (01118) Chromium, Total Recoverable ug/l | (01119) Copper, Total Recoverable ug/l | (99992) Mercury, Total Recoverable ug/l | (00900) Hardness, Total (CaCO3) mg/l | (00010) Water Temperature C | (00300) Dissolved Oxygen mg/l | (00400) pH S.U. |
| 01 | | | | | | | |
| 02 | | | | | | | |
| 03 | | | | | | | |
| 04 | | | | | | | |
| 05 | | | | | | | |
| 06 | | | | | | | |
| 07 | AA | 3.21 | | 331 | | | |
| 08 | | | | | | | |
| 09 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
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| 20 | | | | | | | |
| 21 | | | | | | | |
| 22 | | | | | | | |
| 23 | | | | | | | |
| 24 | | | 0.00412 | | 23 | 7.95 | 6.19 |
| 25 | | | | | | | |
| 26 | | | | | | | |
| 27 | | | | | | | |
| 28 | | | | | | | |
| 29 | | | | | | | |
| 30 | | | | | | | |
| 31 | | | | | | | |
| TOTAL | 0 | 3.21 | 0.0041 | 331 | 23 | 7.95 | 6.19 |
| AVG | 0 | 3.21 | 0.0041 | 331 | 23 | 7.95 | N/A |
| MAX | 0 | 3.21 | 0.00412 | 331 | 23 | 7.95 | 6.19 |
| MIN | 0 | 3.21 | 0.00412 | 331 | 23 | 7.95 | 6.19 |

certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

| | | |
|--------------------------------------|--|--|
| Date Report Completed: 07/19/2004 | Signature of Reporter: Frank Johnston | Title of Reporter: Environmental Compliance |
|--------------------------------------|--|--|



MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 45253870

Station Code : 902
 Reported Date (Month Year) : June 2004

Application :
 11000004*GD

7/19/2004

Sampling Station Description :
 Downstream monitoring

5543

| | | |
|---|-----------------|-----------|
| in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample in(2) - Enter frequency of sampling | Reporting Lab : | Analyst : |
|---|-----------------|-----------|

| | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
|------|---|---|---|---|---|---|--|
| (1) | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| (2) | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Day | (00610) Nitrogen, Ammonia (NH3) mg/l | (00979) Cobalt, Total Recoverable ug/l | (01055) Manganese, Total (Mn) ug/l | (01074) Nickel, Total Recoverable ug/l | (01079) Silver, Total Recoverable ug/l | (01094) Zinc, Total Recoverable ug/l | (01113) Cadmium, Total Recoverable ug/l |
| 01 | | | | | | | |
| 02 | | | | | | | |
| 03 | | | | | | | |
| 04 | | | | | | | |
| 05 | | | | | | | |
| 06 | | | | | | | |
| 07 | 0.0163 | AA | 39.8 | AA | AA | 8.15 | AA |
| 08 | | | | | | | |
| 09 | | | | | | | |
| 10 | | | | | | | |
| 11 | | | | | | | |
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| 30 | | | | | | | |
| 31 | | | | | | | |
| OTAL | 0.0163 | 0 | 39.8 | 0 | 0 | 8.15 | 0 |
| AVG | 0.0163 | 0 | 39.8 | 0 | 0 | 8.15 | 0 |
| MAX | 0.0163 | 0 | 39.8 | 0 | 0 | 8.15 | 0 |
| MIN | 0.0163 | 0 | 39.8 | 0 | 0 | 8.15 | 0 |

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 45253870

Station Code : 902
 Reported Date (Month Year) : June 2004
 Sampling Station Description :
 Downstream monitoring

Application : 7/19/2004
 11000004*GD

55.43

| | | |
|--|-----------------|-----------|
| in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample | Reporting Lab : | Analyst : |
| in(2) - Enter frequency of sampling | | |

| (1) | 3 | | | | | | |
|-------|---|---|---|---|---|---|---|
| (2) | 1 | | | | | | |
| Day | (01114) Lead, Total Recoverable ug/l | | | | | | |
| 01 | | | | | | | |
| 02 | | | | | | | |
| 03 | | | | | | | |
| 04 | | | | | | | |
| 05 | | | | | | | |
| 06 | | | | | | | |
| 07 | 2.58 | | | | | | |
| 08 | | | | | | | |
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| 28 | | | | | | | |
| 29 | | | | | | | |
| 30 | | | | | | | |
| 31 | | | | | | | |
| TOTAL | 2.58 | 0 | 0 | 0 | 0 | 0 | 0 |
| AVG | 2.58 | | | | | | |
| MAX | 2.58 | | | | | | |
| MIN | 2.58 | 0 | 0 | 0 | 0 | 0 | 0 |

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 USDOE FERNALD ENVIRONMENTAL MGMT
 PROJ
 Fluor Fernald
 P.O. Box 538704
 Cincinnati OH 45253870

Station Code :
 902

Reported Date (Month Year) :
 June 2004

Application :
 11000004*GD

7/19/2004

5543

Sampling Station Description :
 Downstream monitoring

| Reporting Code | Result Date | Additional Remarks | Mdl |
|----------------|-------------|--------------------|-----|
| 00979 | 06/07/2004 | | 1. |
| 01074 | 06/07/2004 | | 1. |
| 01079 | 06/07/2004 | | 1. |
| 01113 | 06/07/2004 | | 1. |
| 01118 | 06/07/2004 | | 1. |

000031