



MSD

*Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
www.msdlouky.org*

May 27, 2008

Ms. Kathy Thurman  
Kentucky Division of Water  
14 Reilly Road  
Frankfort, Kentucky 40601

RE: West County Treatment Plant, KPDES No: KY0078956  
Discharge Monitoring Report  
April 2008

Dear Ms. Thurman:

Attached are the Discharge Monitoring Report (DMR) for the West County Wastewater Treatment Plant, for the month of April 2008. Additionally, the discharge spreadsheets for the West County WTP system is enclosed with this letter.

If you have any questions concerning the attached DMR's, please contact me at (502)540-6031.

Sincerely,

Kevin D. Ries  
Process Supervisor, West Region

KDR/West County 0408.doc

Enclosures

cc: P. Burgin  
T. Singleton  
R. Shaw



*Beneficial Use of Louisville's Biosolids  
www.louisvillegreen.com*



MSD

*Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)*

May 27, 2008

Mr. Charlie Roth  
Kentucky Division of Water  
9116 Leesgate Rd.  
Louisville, Kentucky 40222

RE: West County Treatment Plant, KPDES No: KY0078956  
Discharge Monitoring Report  
April 2008

Dear Mr. Roth:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) report for the West County Wastewater Treatment Plant, for the month of April 2008. Additionally, the discharge spreadsheets for the West County WTP system is enclosed with this letter.

If you have any questions concerning the attached DMR's, please contact me at (502)540-6031.

Sincerely,

Kevin D. Ries  
Process Supervisor, West Region

KDR/West County 0408.doc



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Name of Sewage Treatment Plant: West County WTP County: Jefferson Month of: April 2008  
 KPDES Permit Number: KY0078956 Plant Capacity: 30 MGD Receiving Stream: Ohio River

| Date  | Total Flow (MG) | Raw Sewage             |                      | pH  |       | Settleable Solids (mL/L) |                   |       | Dissolved Oxygen (mg/L) |       |              | Suspended Solids (mg/L) |                   |       | Total Solids (mg/L) |                   |       | 5-day BOD (mg/L) |                   |       | Activated Sludge |                  |     | Aeration Basin   |                  |                         |                          |               | Dig Sludge |          | Final             |            |                          |              |                          |
|-------|-----------------|------------------------|----------------------|-----|-------|--------------------------|-------------------|-------|-------------------------|-------|--------------|-------------------------|-------------------|-------|---------------------|-------------------|-------|------------------|-------------------|-------|------------------|------------------|-----|------------------|------------------|-------------------------|--------------------------|---------------|------------|----------|-------------------|------------|--------------------------|--------------|--------------------------|
|       |                 | Grit Removed (cu. ft.) | Screenings (cu. ft.) | Raw | Final | Raw                      | Primary (or Sec.) | Final | Stream Above            | Final | Stream Below | Raw                     | Primary (or Sec.) | Final | Raw                 | Primary (or Sec.) | Final | Raw              | Primary (or Sec.) | Final | Return           |                  | WAS | Oxygen (mg/L) #1 | Oxygen (mg/L) #2 | MLSS (mg/L) X1000 #1&#2 | MLVSS (mg/L) X1000 #1&#2 | 30 min. Sett. | SVI        | % Solids | Phosphorus (mg/L) | TKN (mg/L) | Chlorine Residual (mg/L) | NH3-N (mg/L) | Fecal Coliform Col/100ml |
|       |                 |                        |                      |     |       |                          |                   |       |                         |       |              |                         |                   |       |                     |                   |       |                  |                   |       | Million Gal/Day  | MLSS mg/L X 1000 |     |                  |                  |                         |                          |               |            |          |                   |            |                          |              |                          |
| 1     | 45.39           |                        |                      | 7.1 | 7.1   |                          |                   |       | 7.1                     |       |              | 146                     |                   | 9     |                     |                   |       | 108              |                   | 13    |                  | 4840             |     |                  |                  | 1230                    | 920                      | 90.0          | 0.07       |          | 1.24              |            | 0.01                     | 4.65         | 1                        |
| 2     | 33.36           |                        |                      | 7.1 | 7.2   |                          |                   |       | 8.6                     |       |              | 111                     |                   | 8     |                     |                   |       | 115              |                   | 15    |                  | 4140             |     |                  |                  | 1430                    | 1070                     | 120.0         | 0.08       |          |                   |            | 0.01                     | 5.43         | 1                        |
| 3     | 49.45           |                        |                      | 7.2 | 7.2   |                          |                   |       | 8.3                     |       |              | 242                     |                   | 17    |                     |                   |       | 143              |                   | 18    |                  | 3560             |     |                  |                  | 1270                    | 930                      | 100.0         | 0.08       |          |                   |            | 0.01                     | 6.33         | 1                        |
| 4     | 90.57           |                        |                      | 6.9 | 6.9   |                          |                   |       | 10.0                    |       |              | 100                     |                   | 32    |                     |                   |       | 48               |                   | 18    |                  | 2770             |     |                  |                  | 675                     | 455                      | 60.0          | 0.07       |          |                   |            | 0.01                     | 1.34         | 1                        |
| 5     | 55.01           |                        |                      | 7.2 | 7.5   |                          |                   |       | 9.0                     |       |              | 52                      |                   | 27    |                     |                   |       | 51               |                   | 28    |                  | 1195             |     |                  |                  | 350                     | 227                      | 50.0          | 0.14       |          |                   |            | 0.01                     | 3.08         | 1                        |
| 6     | 53.13           |                        |                      | 7.1 | 7.6   |                          |                   |       | 9.0                     |       |              | 162                     |                   | 26    |                     |                   |       | 170              |                   | 38    |                  | 673              |     |                  |                  | 203                     | 145                      | 50.0          | 0.25       |          |                   | 8.65       | 0.01                     | 5.26         | 1                        |
| 7     | 42.98           |                        |                      | 7.1 | 7.6   |                          |                   |       | 7.9                     |       |              | 206                     |                   | 27    |                     |                   |       | 172              |                   | 40    |                  | 852              |     |                  |                  | 197                     | 139                      | 50.0          | 0.25       |          |                   |            | 0.01                     | 7.06         | 29                       |
| 8     | 28.63           |                        |                      | 7.1 | 7.2   |                          |                   |       | 7.9                     |       |              | 143                     |                   | 15    |                     |                   |       | 93               |                   | 21    |                  | 1325             |     |                  |                  | 413                     | 305                      | 50.0          | 0.12       |          | 0.94              |            | 0.01                     | 6.72         | 7                        |
| 9     | 29.20           |                        |                      | 7.1 | 7.5   |                          |                   |       | 7.8                     |       |              | 90                      |                   | 14    |                     |                   |       | 85               |                   | 23    |                  | 1220             |     |                  |                  | 443                     | 340                      | 50.0          | 0.11       |          | 0.87              |            | 0.01                     | 7.50         | 15                       |
| 10    | 28.78           |                        |                      | 7.2 | 7.3   |                          |                   |       | 7.8                     |       |              | 167                     |                   | 17    |                     |                   |       | 130              |                   | 27    |                  | 1065             |     |                  |                  | 500                     | 383                      | 50.0          | 0.10       |          |                   |            | 0.01                     | 8.90         | 1                        |
| 11    | 42.01           |                        |                      | 7.3 | 7.4   |                          |                   |       | 7.3                     |       |              | 189                     |                   | 27    |                     |                   |       | 109              |                   | 32    |                  | 1175             |     |                  |                  | 458                     | 345                      | 50.0          | 0.11       |          |                   |            | 0.01                     | 6.66         | 14                       |
| 12    | 34.16           |                        |                      | 7.3 | 7.4   |                          |                   |       | 6.3                     |       |              | 110                     |                   | 32    |                     |                   |       | 96               |                   | 37    |                  | 1345             |     |                  |                  | 440                     | 325                      | 50.0          | 0.11       |          |                   |            | 0.01                     | 9.00         | 14                       |
| 13    | 30.58           |                        |                      | 7.2 | 7.5   |                          |                   |       | 3.8                     |       |              | 162                     |                   | 46    |                     |                   |       | 173              |                   | 54    |                  | 1270             |     |                  |                  | 520                     | 410                      | 50.0          | 0.10       |          |                   |            | 0.01                     | 10.40        | 8                        |
| 14    | 29.09           |                        |                      | 7.3 | 7.3   |                          |                   |       | 7.5                     |       |              | 108                     |                   | 24    |                     |                   |       | 114              |                   | 31    |                  | 1180             |     |                  |                  | 505                     | 380                      | 50.0          | 0.10       |          |                   | 13.60      | 0.01                     | 10.00        | 34                       |
| 15    | 27.10           |                        |                      | 7.4 | 7.2   |                          |                   |       | 7.6                     |       |              | 180                     |                   | 40    |                     |                   |       | 152              |                   | 61    |                  | 2480             |     |                  |                  | 970                     | 720                      | 70.0          | 0.07       |          | 1.99              |            | 0.01                     | 13.90        | 2                        |
| 16    | 25.17           |                        |                      | 7.4 | 7.4   |                          |                   |       | 7.9                     |       |              | 186                     |                   | 21    |                     |                   |       | 168              |                   | 28    |                  | 7060             |     |                  |                  | 3360                    | 2440                     | 180.0         | 0.05       |          |                   |            | 0.01                     | 12.00        | 11                       |
| 17    | 24.17           |                        |                      | 7.2 | 7.2   |                          |                   |       | 7.9                     |       |              | 196                     |                   | 10    |                     |                   |       | 145              |                   | 10    |                  | 6380             |     |                  |                  | 3020                    | 2140                     | 180.0         | 0.06       |          |                   |            | 0.01                     | 11.00        | 7                        |
| 18    | 24.39           |                        |                      | 7.1 | 7.1   |                          |                   |       | 8.1                     |       |              | 254                     |                   | 9     |                     |                   |       | 158              |                   | 10    |                  | 5720             |     |                  |                  | 3300                    | 2360                     | 200.0         | 0.06       |          |                   |            | 0.01                     | 12.00        | 3                        |
| 19    | 23.90           |                        |                      | 7.4 | 7.7   |                          |                   |       | 7.5                     |       |              | 208                     |                   | 8     |                     |                   |       | 176              |                   | 11    |                  | 5180             |     |                  |                  | 2780                    | 2060                     | 180.0         | 0.06       |          |                   |            | 0.01                     | 13.00        | 1                        |
| 20    | 22.16           |                        |                      | 7.4 | 7.3   |                          |                   |       | 8.0                     |       |              | 212                     |                   | 11    |                     |                   |       | 204              |                   | 16    |                  | 5080             |     |                  |                  | 2680                    | 1880                     | 180.0         | 0.07       |          |                   | 14.00      | 0.01                     | 12.00        | 1                        |
| 21    | 20.41           |                        |                      | 7.0 | 7.4   |                          |                   |       | 8.0                     |       |              | 244                     |                   | 6     |                     |                   |       | 187              |                   | 10    |                  | 4600             |     |                  |                  | 2770                    | 1970                     | 170.0         | 0.06       |          |                   |            | 0.01                     | 9.20         | 1                        |
| 22    | 21.93           |                        |                      | 7.4 | 7.3   |                          |                   |       | 7.7                     |       |              | 390                     |                   | 10    |                     |                   |       | 286              |                   | 17    |                  | 4680             |     |                  |                  | 2430                    | 1710                     | 170.0         | 0.07       |          | 1.25              |            | 0.01                     | 9.00         | 1                        |
| 23    | 21.18           |                        |                      | 7.4 | 7.3   |                          |                   |       | 7.1                     |       |              | 226                     |                   | 7     |                     |                   |       | 185              |                   | 12    |                  | 4720             |     |                  |                  | 2550                    | 1910                     | 170.0         | 0.07       |          |                   |            | 0.01                     | 7.90         | 172                      |
| 24    | 20.59           |                        |                      | 7.4 | 7.3   |                          |                   |       | 6.5                     |       |              | 208                     |                   | 8     |                     |                   |       | 181              |                   | 12    |                  | 4310             |     |                  |                  | 2330                    | 1660                     | 160.0         | 0.07       |          |                   |            | 0.01                     | 7.00         | 1                        |
| 25    | 19.76           |                        |                      | 7.4 | 7.3   |                          |                   |       | 6.5                     |       |              | 232                     |                   | 9     |                     |                   |       | 182              |                   | 19    |                  | 4400             |     |                  |                  | 2310                    | 1620                     | 160.0         | 0.07       |          |                   |            | 0.01                     | 7.70         | 1                        |
| 26    | 23.44           |                        |                      | 7.4 | 7.4   |                          |                   |       | 6.0                     |       |              | 192                     |                   | 9     |                     |                   |       | 173              |                   | 29    |                  | 4380             |     |                  |                  | 2230                    | 1590                     | 150.0         | 0.07       |          |                   |            | 0.01                     | 6.90         | 1                        |
| 27    | 22.01           |                        |                      | 7.5 | 7.6   |                          |                   |       | 6.9                     |       |              | 200                     |                   | 11    |                     |                   |       | 175              |                   | 13    |                  | 4010             |     |                  |                  | 2160                    | 1560                     | 150.0         | 0.07       |          |                   | 10.00      | 0.01                     | 7.50         | 1                        |
| 28    | 0.00            |                        |                      | 7.3 | 7.3   |                          |                   |       |                         |       |              | 192                     |                   | 9     |                     |                   |       | 186              |                   | 12    |                  | 3840             |     |                  |                  | 2620                    | 1830                     | 140.0         | 0.05       |          |                   |            | 0.01                     | 7.80         | 1                        |
| 29    | 19.85           |                        |                      | 7.5 | 7.3   |                          |                   |       | 6.0                     |       |              | 190                     |                   | 8     |                     |                   |       | 160              |                   | 10    |                  | 3910             |     |                  |                  | 2045                    | 1510                     | 140.0         | 0.07       |          |                   |            | 0.01                     | 5.50         | 1                        |
| 30    | 21.12           |                        |                      | 7.5 | 7.2   |                          |                   |       | 5.3                     |       |              | 186                     |                   | 8     |                     |                   |       | 160              |                   | 10    |                  | 3590             |     |                  |                  |                         |                          |               | #VALUE!    |          | 1.28              |            | 0.01                     | 5.00         | 1                        |
| 31    | 0.00            |                        |                      |     |       |                          |                   |       |                         |       |              |                         |                   |       |                     |                   |       |                  |                   |       |                  |                  |     |                  |                  |                         |                          |               | #VALUE!    |          |                   |            |                          |              |                          |
| Total | 929.5           | 0                      | 0                    |     |       |                          |                   |       |                         |       |              |                         |                   |       |                     |                   |       |                  |                   |       | 0.0              |                  | 0.0 |                  |                  |                         |                          |               |            |          |                   |            |                          |              |                          |
| Avg.  | 29.98           |                        |                      | 7.3 | 7.3   |                          |                   |       | 7.4                     |       |              | 183                     |                   | 17    |                     |                   |       | 150              |                   | 23    |                  | 3365.0           |     |                  |                  | 1592.03                 | 1149.45                  | 112.41        | #VALUE!    |          | 1.26              | 11.56      | 0.01                     | 7.99         | 3                        |

Total Number of Sewer Connections: 0 Industrial Waste Population Equivalent  
 Residential Connections: \_\_\_\_\_  
 Commercial Connections: \_\_\_\_\_ 285567 220013 217681  
 Industrial Connections: \_\_\_\_\_ Flow BOD TSS  
 Sewer Connections X 4 = 0  
 Operator DJ Rheinlaender  
 Cert. # 16499  
 Phone # 540-6042



**MSD Louisville and Jefferson County  
Metropolitan Sewer District**

IMSAST0004

Discharge Report

Initiated Apr 01, 2008 12:00 AM thru Apr 30, 2008 11:59 PM

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

|   |                               |  |   |  |
|---|-------------------------------|--|---|--|
| <b>KPDES #</b><br>KY0078956   | <b>Facility ID</b><br>MSD0277 | <b>Treatment Plant Name</b><br>WEST COUNTY           | <b>Receiving Stream of Treatment Plant</b><br>OHIO RIVER    | <b>Region</b><br>WEST                        |
| <b>Facility Type</b><br>SMH Sewer Manhole                             | <b>Facility ID</b><br>22370   | <b>Facility Address</b><br>6615 MOORMAN RD           | <b>If Pump Station, Name of Pump Station:</b><br>MILL CREEK | <b>Discharge to</b><br>GROUND                |
| <b>Activity Code / Description</b><br>DISREV: RAIN EVENT<br>DISCHARGE | <b>WO #</b><br>766072         | <b>Initiated</b><br>04/04/08 06:22 AM                | <b>Initiated By</b><br>MITCHELL                             | <b>Assigned To</b><br>GRIFFITH               |
|   |                               | <b>Disch Status</b><br>DOCUMENTED                    | <b>Event Date</b><br>12/19/02                               | <b>Problem</b><br>LACK OF SYSTEM<br>CAPACITY |
|   |                               | <b>Result</b><br>DISCHARGE TO<br>WATERS OF THE<br>US | <b>Completed</b><br>04/04/08 02:42 PM                       |  |

**Spot Inspections:**

|                          |   |
|--------------------------|---|
| <b>Discharge Amount:</b> | 8,016,000 GAL   |
| <b>Cause:</b>            | LACK OF SYSTEM CAPACITY - HEAVY RAIN  |
| <b>Clean Up:</b>         | REFERRED TO IFP FOR CLEAN UP AFTER THE RAIN EVENT - WO# 771415                              |
| <b>Control Zone:</b>     | NO CONTROL ZONE REQUIRED, NO PUBLIC ACCESS  |
| <b>Impact:</b>           | SOLIDS AND DEBRIS FOUND ON THE GROUND   |
| <b>Repair:</b>           | THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DEC. 31, 2008 |

**Notifications:**

|                   |  |
|-------------------|--|
| 04/04/08 12:58 PM | Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
| 04/04/08 06:22 AM | ADVISED CUSTOMERS BY DOOR HANGERS  |
| 04/04/08 12:58 PM | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov                       |



**MSD** Louisville and Jefferson County  
Metropolitan Sewer District

IMSAST0004

Discharge Report

Initiated Apr 01, 2008 12:00 AM thru Apr 30, 2008 11:59 PM

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

|                                      |                               |  |  |                       |
|--------------------------------------|-------------------------------|--|--|-----------------------|
| <b>KPDES #</b><br>KY0078956 (Cont'd) | <b>Facility ID</b><br>MSD0277 | <b>Treatment Plant Name</b><br>WEST COUNTY | <b>Receiving Stream of Treatment Plant</b><br>OHIO RIVER | <b>Region</b><br>WEST |
|--------------------------------------|-------------------------------|--|--|-----------------------|

| Facility Type     | Facility ID | Facility Address    | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|---------------------|--|------------------|--------------|
| SMH Sewer Manhole | 29948       | 6810 SANDSTONE BLVD |  | FERN CREEK       | GROUND       |

|   |                       |                                       |                               |                              |                                   |                               |  |  |                                       |
|---|-----------------------|---------------------------------------|-------------------------------|------------------------------|-----------------------------------|-------------------------------|--|--|---------------------------------------|
| <u>Activity Code / Description</u><br>DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>766094 | <u>Initiated</u><br>04/04/08 09:00 PM | <u>Initiated By</u><br>MARINO | <u>Assigned To</u><br>MARINO | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>03/04/08 | <u>Problem</u><br>LACK OF SYSTEM<br>CAPACITY | <u>Result</u><br>DISCHARGE TO<br>WATERS OF THE<br>US | <u>Completed</u><br>04/04/08 09:30 PM |
|---|-----------------------|---------------------------------------|-------------------------------|------------------------------|-----------------------------------|-------------------------------|--|--|---------------------------------------|

**Spot Inspections:**

|                   |  |
|-------------------|--|
| Discharge Amount: | 50 GAL   |
| Cause:            | LACK OF SYSTEM CAPACITY  |
| Clean Up:         | MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA  |
| Control Zone:     | PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA  |
| Impact:           | SEWAGE/WATER DISCHARGING FROM MANHOLE  |
| Repair:           | A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY<br>DECEMBER 31, 2008 |

**Notifications:**

|                   |  |
|-------------------|--|
| 04/04/08 09:00 PM | ADVISED CUSTOMER BY DOOR CARD  |
| 04/04/08 12:58 PM | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |



**MSD** Louisville and Jefferson County  
Metropolitan Sewer District

IMSAST0004

Discharge Report

Initiated Apr 01, 2008 12:00 AM thru Apr 30, 2008 11:59 PM

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

|                                      |                               |  |  |                       |
|--------------------------------------|-------------------------------|--|--|-----------------------|
| <b>KPDES #</b><br>KY0078956 (Cont'd) | <b>Facility ID</b><br>MSD0277 | <b>Treatment Plant Name</b><br>WEST COUNTY | <b>Receiving Stream of Treatment Plant</b><br>OHIO RIVER | <b>Region</b><br>WEST |
|--------------------------------------|-------------------------------|--|--|-----------------------|

|   |                             |  |   |  |                               |
|---|-----------------------------|--|---|--|-------------------------------|
| <b>Facility Type</b><br>SMH Sewer Manhole | <b>Facility ID</b><br>32682 | <b>Facility Address</b><br>6707 W ORELL RD | <b>If Pump Station, Name of Pump Station:</b> | <b>Receiving Stream</b><br>ALVEY DITCH | <b>Discharge to</b><br>STREAM |
|---|-----------------------------|--|---|--|-------------------------------|

|   |                       |                                       |                                 |                                |                                   |                               |  |  |                                       |
|---|-----------------------|---------------------------------------|---------------------------------|--------------------------------|-----------------------------------|-------------------------------|--|--|---------------------------------------|
| <u>Activity Code / Description</u><br>DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>765997 | <u>Initiated</u><br>04/04/08 05:38 AM | <u>Initiated By</u><br>MITCHELL | <u>Assigned To</u><br>GRIFFITH | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>03/12/06 | <u>Problem</u><br>LACK OF SYSTEM<br>CAPACITY | <u>Result</u><br>DISCHARGE TO<br>WATERS OF THE<br>US | <u>Completed</u><br>04/05/08 02:50 PM |
|---|-----------------------|---------------------------------------|---------------------------------|--------------------------------|-----------------------------------|-------------------------------|--|--|---------------------------------------|

**Spot Inspections:**

|                   |  |
|-------------------|--|
| Discharge Amount: | 3,132,000 GAL  |
| Cause:            | LACK OF SYSTEM CAPACITY - HEAVY RAIN   |
| Clean Up:         | REFERRED TO IFP FOR CLEAN UP AFTER THE RAIN EVENT - WO# 771411               |
| Control Zone:     | NO CONTROL ZONE REQUIRED, NO PUBLIC ACCESS                                   |
| Impact:           | SOLIDS AND DEBRIS FOUND ON THE GROUND  |
| Repair:           | THIS LOCATION WILL BE IN THE SANITARY SEWER TO BE SUBMITTED BY DEC. 31, 2008 |

**Notifications:**

|                   |  |
|-------------------|--|
| 04/04/08 12:58 PM | Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
| 04/04/08 05:38 AM | ADVISED CUSTOMERS BY PERMANENT SIGN  |
| 04/04/08 12:58 PM | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov                       |



**MSD Louisville and Jefferson County  
Metropolitan Sewer District**

IMSAST0004

Discharge Report

Initiated Apr 01, 2008 12:00 AM thru Apr 30, 2008 11:59 PM

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

|  |                           |                                      |  |                         |   |                        |                                       |   |                                |
|--|---------------------------|--------------------------------------|--|-------------------------|---|------------------------|---------------------------------------|---|--------------------------------|
| KPDES #<br>KY0078956 (Cont'd)                                  | Facility ID<br>MSD0277    | Treatment Plant Name<br>WEST COUNTY  |  |                         | Receiving Stream of Treatment Plant<br>OHIO RIVER |                        |                                       | Region<br>WEST                                |                                |
| Facility Type<br>SLS Sewer Lift Station                        | Facility ID<br>MSD0047-PS | Facility Address<br>3434 FERN LEA RD | If Pump Station, Name of Pump Station:<br>FERN LEA |                         | Receiving Stream<br>MILL CREEK                    |                        | Discharge to<br>CATCH BASIN           |   |                                |
| Activity Code / Description<br>DISREV: RAIN EVENT<br>DISCHARGE | WO #<br>766028            | Initiated<br>04/04/08 12:40 AM       | Initiated By<br>MARKS JR                           | Assigned To<br>LANGFORD | Disch Status<br>DOCUMENTED                        | Event Date<br>12/16/00 | Problem<br>LACK OF SYSTEM<br>CAPACITY | Result<br>DISCHARGE TO<br>WATERS OF THE<br>US | Completed<br>04/04/08 03:00 PM |

**Spot Inspections:**

|                          |  |
|--------------------------|--|
| <b>Discharge Amount:</b> | 426,000 GAL  |
| <b>Cause:</b>            | LACK OF SYSTEM CAPACITY  |
| <b>Clean Up:</b>         | NONE POSSIBLE DUE TO MAGNITUDE OF STORM  |
| <b>Control Zone:</b>     | TEMPORARY SIGNS POSTED   |
| <b>Impact:</b>           | NO IMPACT OBSERVED   |
| <b>Repair:</b>           | THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08 |

**Notifications:**

|                   |  |
|-------------------|--|
| 04/07/08 10:00 AM | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
|-------------------|--|



**MSD** Louisville and Jefferson County  
Metropolitan Sewer District

IMSAST0004

Discharge Report

Initiated Apr 01, 2008 12:00 AM thru Apr 30, 2008 11:59 PM

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

|                                      |                               |  |  |                       |
|--------------------------------------|-------------------------------|--|--|-----------------------|
| <b>KPDES #</b><br>KY0078956 (Cont'd) | <b>Facility ID</b><br>MSD0277 | <b>Treatment Plant Name</b><br>WEST COUNTY | <b>Receiving Stream of Treatment Plant</b><br>OHIO RIVER | <b>Region</b><br>WEST |
|--------------------------------------|-------------------------------|--|--|-----------------------|

| Facility Type          | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|------------------------|-------------|------------------|--|------------------|--------------|
| SLS Sewer Lift Station | MSD0133-PS  | 10212 CAVEN AVE  | CAVEN AVE                              | MUD CREEK        | GROUND       |

|   |                       |                                       |                                 |                                 |                                   |                               |  |  |                                       |
|---|-----------------------|---------------------------------------|---------------------------------|---------------------------------|-----------------------------------|-------------------------------|--|--|---------------------------------------|
| <u>Activity Code / Description</u><br>DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>765793 | <u>Initiated</u><br>04/04/08 10:50 AM | <u>Initiated By</u><br>MARKS JR | <u>Assigned To</u><br>PATTERSON | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>04/04/08 | <u>Problem</u><br>LACK OF SYSTEM<br>CAPACITY | <u>Result</u><br>DISCHARGE TO<br>WATERS OF THE<br>US | <u>Completed</u><br>04/04/08 05:30 PM |
|---|-----------------------|---------------------------------------|---------------------------------|---------------------------------|-----------------------------------|-------------------------------|--|--|---------------------------------------|

**Spot Inspections:**

|                   |  |
|-------------------|--|
| Discharge Amount: | 25,500 GAL   |
| Cause:            | LACK OF CAPACITY   |
| Clean Up:         | MSD CLEANED AND SANITIZED AREA   |
| Control Zone:     | TEMPORARY SIGNS POSTED   |
| Impact:           | SEWAGE OBSERVED ON GROUND  |
| Repair:           | THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08 |

**Notifications:**

|                   |  |
|-------------------|--|
| 04/04/08 12:58 PM | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
|-------------------|--|





**MSD** Louisville and Jefferson County  
Metropolitan Sewer District

IMSAST0004

Discharge Report

Initiated Apr 01, 2008 12:00 AM thru Apr 30, 2008 11:59 PM

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

|                                      |                               |  |  |                       |
|--------------------------------------|-------------------------------|--|--|-----------------------|
| <b>KPDES #</b><br>KY0078956 (Cont'd) | <b>Facility ID</b><br>MSD0277 | <b>Treatment Plant Name</b><br>WEST COUNTY | <b>Receiving Stream of Treatment Plant</b><br>OHIO RIVER | <b>Region</b><br>WEST |
|--------------------------------------|-------------------------------|--|--|-----------------------|

| Facility Type          | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|------------------------|-------------|------------------|--|------------------|--------------|
| SLS Sewer Lift Station | MSD0180-PS  | 7201 OUTER LOOP  | GOVERNMENT CENTER                      | PENNSYLVANIA RUN | DITCH        |

|   |                       |                                       |                              |                               |                                   |                               |  |  |                                       |
|---|-----------------------|---------------------------------------|------------------------------|-------------------------------|-----------------------------------|-------------------------------|--|--|---------------------------------------|
| <u>Activity Code / Description</u><br>DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>765395 | <u>Initiated</u><br>04/04/08 12:01 AM | <u>Initiated By</u><br>ELDER | <u>Assigned To</u><br>ROBBINS | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>12/16/00 | <u>Problem</u><br>LACK OF SYSTEM<br>CAPACITY | <u>Result</u><br>DISCHARGE TO<br>WATERS OF THE<br>US | <u>Completed</u><br>04/04/08 04:00 PM |
|---|-----------------------|---------------------------------------|------------------------------|-------------------------------|-----------------------------------|-------------------------------|--|--|---------------------------------------|

**Spot Inspections:**

|                   |  |
|-------------------|--|
| Discharge Amount: | 15,590 GAL   |
| Cause:            | LACK OF SYSTEM CAPACITY DUE TO RAIN  |
| Clean Up:         | DEBRIS RAKED, BAGGED & HAULED OFF  |
| Control Zone:     | TEMPORARY SIGNS WERE PLACED AROUND THE IMPACTED AREA.  |
| Impact:           | DEBRIS WAS NOTICED ON THE GROUND   |
| Repair:           | A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY<br>DECEMBER 31, 2008 |

**Notifications:**

|                   |  |
|-------------------|--|
| 04/03/08 12:58 PM | Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
| 04/03/08 12:58 PM | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov                       |



**MSD** Louisville and Jefferson County  
Metropolitan Sewer District

IMSAST0004

Discharge Report

Initiated Apr 01, 2008 12:00 AM thru Apr 30, 2008 11:59 PM

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

|                                      |                               |  |  |                       |
|--------------------------------------|-------------------------------|--|--|-----------------------|
| <b>KPDES #</b><br>KY0078956 (Cont'd) | <b>Facility ID</b><br>MSD0277 | <b>Treatment Plant Name</b><br>WEST COUNTY | <b>Receiving Stream of Treatment Plant</b><br>OHIO RIVER | <b>Region</b><br>WEST |
|--------------------------------------|-------------------------------|--|--|-----------------------|

| Facility Type          | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|------------------------|-------------|------------------|--|------------------|--------------|
| SLS Sewer Lift Station | MSD1010-PS  | 5007 LEA ANN WAY | LEA ANN WAY                            | NORTHERN DITCH   | STREAM       |

|   |                       |                                       |                                 |                                |                                   |                               |  |  |                                       |
|---|-----------------------|---------------------------------------|---------------------------------|--------------------------------|-----------------------------------|-------------------------------|--|--|---------------------------------------|
| <u>Activity Code / Description</u><br>DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>765797 | <u>Initiated</u><br>04/04/08 01:30 AM | <u>Initiated By</u><br>MARKS JR | <u>Assigned To</u><br>LANGFORD | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>12/15/07 | <u>Problem</u><br>LACK OF SYSTEM<br>CAPACITY | <u>Result</u><br>DISCHARGE TO<br>WATERS OF THE<br>US | <u>Completed</u><br>04/05/08 02:00 AM |
|---|-----------------------|---------------------------------------|---------------------------------|--------------------------------|-----------------------------------|-------------------------------|--|--|---------------------------------------|

**Spot Inspections:**

|                   |  |
|-------------------|--|
| Discharge Amount: | 6,276,200 GAL  |
| Cause:            | LACK OF SYSTEM CAPACITY  |
| Clean Up:         | MSD CLEANED AND SANITIZED AREA   |
| Control Zone:     | TEMPORARY SIGNS POSTED   |
| Impact:           | SEWAGE OBSERVED ON GROUND  |
| Repair:           | THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08 |

**Notifications:**

|                   |  |
|-------------------|--|
| 04/04/08 12:58 PM | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
|-------------------|--|



**MSD Louisville and Jefferson County  
Metropolitan Sewer District**

IMSAST0004

Discharge Report

Initiated Apr 01, 2008 12:00 AM thru Apr 30, 2008 11:59 PM

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

KPDES #  
KY0078956 (Cont'd)

Facility ID  
MSD0277

Treatment Plant Name  
WEST COUNTY

Receiving Stream of Treatment Plant  
OHIO RIVER

Region  
WEST

| Facility Type          | Facility ID | Facility Address   | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|------------------------|-------------|--------------------|--|------------------|--------------|
| SLS Sewer Lift Station | MSD1013-PS  | 9114 CINDERELLA LN | CINDERELLA                             | FISHPOOL CREEK   | DITCH        |

| <u>Activity Code / Description</u> | <u>WO #</u> | <u>Initiated</u>  | <u>Initiated By</u> | <u>Assigned To</u> | <u>Disch Status</u> | <u>Event Date</u> | <u>Problem</u>             | <u>Result</u>                       | <u>Completed</u>  |
|------------------------------------|-------------|-------------------|---------------------|--------------------|---------------------|-------------------|----------------------------|-------------------------------------|-------------------|
| DISREV: RAIN EVENT<br>DISCHARGE    | 765789      | 04/04/08 11:43 AM | MARKS JR            | HATHAWAY           | DOCUMENTED          | 11/29/01          | LACK OF SYSTEM<br>CAPACITY | DISCHARGE TO<br>WATERS OF THE<br>US | 04/04/08 05:05 PM |

**Spot Inspections:**

|                   |  |
|-------------------|--|
| Discharge Amount: | 96,600 GAL   |
| Cause:            | SEWAGE DISCHARGE DUE TO LACK OF CAPACITY   |
| Clean Up:         | MSD CLEANED AND SANITIZED AREA   |
| Control Zone:     | TEMPORARY SIGNS POSTED   |
| Impact:           | SEWAGE WAS OBSERVED ON GROUND  |
| Repair:           | THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08 |

**Notifications:**

|                   |  |
|-------------------|--|
| 04/04/08 12:58 PM | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
|-------------------|--|



**MSD Louisville and Jefferson County  
Metropolitan Sewer District**

IMSAST0004

Discharge Report

Initiated Apr 01, 2008 12:00 AM thru Apr 30, 2008 11:59 PM

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

|                                      |                               |  |  |                       |
|--------------------------------------|-------------------------------|--|--|-----------------------|
| <b>KPDES #</b><br>KY0078956 (Cont'd) | <b>Facility ID</b><br>MSD0277 | <b>Treatment Plant Name</b><br>WEST COUNTY | <b>Receiving Stream of Treatment Plant</b><br>OHIO RIVER | <b>Region</b><br>WEST |
|--------------------------------------|-------------------------------|--|--|-----------------------|

| Facility Type          | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|------------------------|-------------|------------------|--|------------------|--------------|
| SLS Sewer Lift Station | MSD1048-PS  | 7801 EDSEL LN    | EDSEL                                  | FERN CREEK       | GROUND       |

|   |                       |                                       |                              |                             |                                   |                               |  |  |                                       |
|---|-----------------------|---------------------------------------|------------------------------|-----------------------------|-----------------------------------|-------------------------------|--|--|---------------------------------------|
| <u>Activity Code / Description</u><br>DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>765476 | <u>Initiated</u><br>04/04/08 02:30 AM | <u>Initiated By</u><br>ELDER | <u>Assigned To</u><br>SMITH | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>03/04/08 | <u>Problem</u><br>LACK OF SYSTEM<br>CAPACITY | <u>Result</u><br>DISCHARGE TO<br>WATERS OF THE<br>US | <u>Completed</u><br>04/04/08 05:00 PM |
|---|-----------------------|---------------------------------------|------------------------------|-----------------------------|-----------------------------------|-------------------------------|--|--|---------------------------------------|

**Spot Inspections:**

|                   |  |
|-------------------|--|
| Discharge Amount: | 130,500 GAL  |
| Cause:            | LACK OF SYSTEM CAPACITY DUE TO RAIN  |
| Clean Up:         | DEBRIS WAS RAKED, BAGGED & HAULED OFF  |
| Control Zone:     | FLAGS WERE PLACED AROUND THE IMPACTED AREA   |
| Impact:           | SEWAGE OBSERVED ON GROUND  |
| Repair:           | A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY<br>DECEMBER 31, 2008 |

**Notifications:**

|                   |  |
|-------------------|--|
| 04/04/08 12:58 AM | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
|-------------------|--|



**MSD** Louisville and Jefferson County  
Metropolitan Sewer District

IMSAST0004

Discharge Report

Initiated Apr 01, 2008 12:00 AM thru Apr 30, 2008 11:59 PM

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

|                                      |                               |  |  |                       |
|--------------------------------------|-------------------------------|--|--|-----------------------|
| <b>KPDES #</b><br>KY0078956 (Cont'd) | <b>Facility ID</b><br>MSD0277 | <b>Treatment Plant Name</b><br>WEST COUNTY | <b>Receiving Stream of Treatment Plant</b><br>OHIO RIVER | <b>Region</b><br>WEST |
|--------------------------------------|-------------------------------|--|--|-----------------------|

| Facility Type          | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|------------------------|-------------|------------------|--|------------------|--------------|
| SLS Sewer Lift Station | MSD1099-LS  | 8901 ZABEL WAY   | ZABEL                                  | FERN CREEK       | DITCH        |

|   |                       |                                       |                              |                             |                                   |                               |  |  |                                       |
|---|-----------------------|---------------------------------------|------------------------------|-----------------------------|-----------------------------------|-------------------------------|--|--|---------------------------------------|
| <u>Activity Code / Description</u><br>DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>765406 | <u>Initiated</u><br>04/04/08 12:01 AM | <u>Initiated By</u><br>ELDER | <u>Assigned To</u><br>SMITH | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>12/16/00 | <u>Problem</u><br>LACK OF SYSTEM<br>CAPACITY | <u>Result</u><br>DISCHARGE TO<br>WATERS OF THE<br>US | <u>Completed</u><br>04/05/08 02:10 PM |
|---|-----------------------|---------------------------------------|------------------------------|-----------------------------|-----------------------------------|-------------------------------|--|--|---------------------------------------|

**Spot Inspections:**

|                   |  |
|-------------------|--|
| Discharge Amount: | 114,600 GAL  |
| Cause:            | LACK OF SYSTEM CAPACITY DUE TO RAIN  |
| Clean Up:         | NONE POSSIBLE DUE TO MAGNITUDE OF STORM  |
| Control Zone:     | NO CONTROL ZONE REQUIRED, NO PUBLIC ACCESS   |
| Impact:           | NO IMPACTS OBSERVED. HIGH CREEK FLOW   |
| Repair:           | THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08 |

**Notifications:**

|                   |  |
|-------------------|--|
| 04/04/08 12:58 AM | Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
| 04/04/08 12:58 AM | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov                       |

NAME MSD WEST COUNTY STP  
ADDRESS C/O CEDAR CREEK STP  
8405 CEDAR CREEK RD  
LOUISVILLE KY 40211  
FACILITY MSD WEST COUNTY STP  
LOCATION LOUISVILLE KY 40272  
ATTN: DENNIS THOMASSON, SR METRO OPS

## DISCHARGE MONITORING REPORT (DMR)

KY0078956  
PERMIT NUMBER

001 2  
DISCHARGE NUMBER

MAJOR  
(SUBR LV)  
F - FINAL

OMB No. 2040-0004

JEFF

MUNICIPAL WASTEWATER  
EFFLUENT

\*\*\* NO DISCHARGE [ ] \*\*\*

NOTE: Read Instructions before completing this form.

| PARAMETER                              |                    | QUANTITY OR LOADING   |          |        | QUALITY OR CONCENTRATION |              |          |          | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|--|--------------------|---|----------|--------|--------------------------|--------------|----------|----------|--------|-----------------------|-------------|
|  |                    | AVERAGE   | MAXIMUM  | UNITS  | MINIMUM                  | AVERAGE      | MAXIMUM  | UNITS    |        |                       |             |
| OXYGEN, DISSOLVED (DO)                 | SAMPLE MEASUREMENT | *****   | *****    |        | 4                        | *****        | *****    | ( 19 )   |        | 01/01                 | GR          |
| 00300 1 0 0                            | PERMIT REQUIREMENT | *****   | *****    | *****  | 2                        | *****        | *****    |          |        | DAILY                 | GRAB        |
| EFFLUENT GROSS VALUE                   |                    |   |          |        | INST MIN                 |              |          | MG/L     |        |                       |             |
| BOD, 5-DAY (20 DEG. C)                 | SAMPLE MEASUREMENT | 35823   | 47005    | ( 26 ) | *****                    | 150          | 196      | ( 19 )   |        | 01/01                 | CP          |
| 00310 0 0 0                            | PERMIT REQUIREMENT | REPORT  | REPORT   |        | *****                    | REPORT       | REPORT   |          |        | DAILY                 | COMPOS      |
| RAW SEW/INFLUENT                       |                    | MO AVG  | MX WK AV | LBS/DY |                          | MO AVG       | MX WK AV | MG/L     |        |                       |             |
| BOD, 5-DAY (20 DEG. C)                 | SAMPLE MEASUREMENT | 6223  | 10601    | ( 26 ) | *****                    | 22           | 31       | ( 19 )   |        | 01/01                 | CP          |
| 00310 1 0 0                            | PERMIT REQUIREMENT | 7506  | 11259    |        | *****                    | 30           | 45       |          |        | DAILY                 | COMPOS      |
| EFFLUENT GROSS VALUE                   |                    | MO AVG  | MX WK AV | LBS/DY |                          | MO AVG       | MX WK AV | MG/L     |        |                       |             |
| PH                                     | SAMPLE MEASUREMENT | *****   | *****    |        | 6.9                      | *****        | 7.4      | ( 12 )   |        | 01/01                 | GR          |
| 00400 1 0 0                            | PERMIT REQUIREMENT | *****   | *****    | *****  | 6.0                      | *****        | 7.0      |          |        | DAILY                 | GRAB        |
| EFFLUENT GROSS VALUE                   |                    |   |          |        | MINIMUM                  |              | MAXIMUM  | SU       |        |                       |             |
| SOLIDS, TOTAL SUSPENDED                | SAMPLE MEASUREMENT | 44692   | 61643    | ( 26 ) | *****                    | 183          | 234      | ( 19 )   |        | 01/01                 | CP          |
| 00530 0 0 0                            | PERMIT REQUIREMENT | REPORT  | REPORT   |        | *****                    | REPORT       | REPORT   |          |        | DAILY                 | COMPOS      |
| RAW SEW/INFLUENT                       |                    | MO AVG  | MX WK AV | LBS/DY |                          | MO AVG       | MX WK AV | MG/L     |        |                       |             |
| SOLIDS, TOTAL SUSPENDED                | SAMPLE MEASUREMENT | 5118  | 10063    | ( 26 ) | *****                    | 17           | 25       | ( 19 )   |        | 01/01                 | CP          |
| 00530 1 0 0                            | PERMIT REQUIREMENT | 7506  | 11259    |        | *****                    | 30           | 45       |          |        | DAILY                 | COMPOS      |
| EFFLUENT GROSS VALUE                   |                    | MO AVG  | MX WK AV | LBS/DY |                          | MO AVG       | MX WK AV | MG/L     |        |                       |             |
| NITROGEN, AMMONIA TOTAL (AS N)         | SAMPLE MEASUREMENT | 2653  | 2760     | ( 26 ) | *****                    | 12           | 15       | ( 19 )   |        | 01/01                 | CP          |
| 00610 0 0 0                            | PERMIT REQUIREMENT | REPORT  | REPORT   |        | *****                    | REPORT       | REPORT   |          |        | DAILY                 | COMPOS      |
| RAW SEW/INFLUENT                       |                    | MO AVG  | MX WK AV | LBS/DY |                          | MO AVG       | MX WK AV | MG/L     |        |                       |             |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER |                    | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. |          |        |                          | TELEPHONE    |          | DATE     |        |                       |             |
| H.J. Schardein<br>Exec. Director       |                    |   |          |        |                          | 502 540-6000 |          | 08 05 23 |        |                       |             |
| TYPED OR PRINTED                       |                    | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  |          |        |                          | AREA CODE    |          | NUMBER   |        |                       |             |

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME MSD WEST COUNTY STP  
ADDRESS C/O CEDAR CREEK STP  
8405 CEDAR CREEK RD  
LOUISVILLE KY 40211  
FACILITY MSD WEST COUNTY STP  
LOCATION LOUISVILLE KY 40272  
ATTN: DENNIS THOMASSON, SR METRO OPS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

KY0078954  
PERMIT NUMBER

001 2  
DISCHARGE NUMBER

MAJOR (SUBR LV)  
F - FINAL  
MUNICIPAL WASTEWATER EFFLUENT  
JEFFE  
\*\*\* NO DISCHARGE [ ] \*\*\*  
NOTE: Read Instructions before completing this form.

| PARAMETER   |                    | QUANTITY OR LOADING |                 |        | QUALITY OR CONCENTRATION |               |                 |          | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---|--------------------|---------------------|-----------------|--------|--------------------------|---------------|-----------------|----------|--------|-----------------------|-------------|
|   |                    | AVERAGE             | MAXIMUM         | UNITS  | MINIMUM                  | AVERAGE       | MAXIMUM         | UNITS    |        |                       |             |
| NITROGEN, AMMONIA TOTAL (AS N)<br>00610 1 0 0<br>EFFLUENT GROSS VALUE           | SAMPLE MEASUREMENT | 1913                | 2446            | ( 26 ) | *****                    | 8             | 12              | ( 19 )   | Ø      | 01/01                 | CP          |
|   | PERMIT REQUIREMENT | 5004 MD AVG         | 7506 MX WK AV   | LBS/DY | *****                    | 20 MD AVG     | 30 MX WK AV     | MG/L     |        | DAILY                 | COMPOS      |
| NITROGEN, KJELDAHL TOTAL (AS N)<br>00625 1 0 0<br>EFFLUENT GROSS VALUE          | SAMPLE MEASUREMENT | 2889                | 3833            | ( 26 ) | *****                    | 12            | 14              | ( 19 )   | Ø      | 01/01                 | CP          |
|   | PERMIT REQUIREMENT | REPORT MD AVG       | REPORT MX WK AV | LBS/DY | *****                    | REPORT MD AVG | REPORT MX WK AV | MG/L     |        | WEEKLY                | COMPOS      |
| PHOSPHORUS, TOTAL (AS P)<br>00665 1 0 0<br>EFFLUENT GROSS VALUE                 | SAMPLE MEASUREMENT | 302                 | 469             | ( 26 ) | *****                    | 1.3           | 2.0             | ( 19 )   | Ø      | 01/07                 | CP          |
|   | PERMIT REQUIREMENT | REPORT MD AVG       | REPORT MX WK AV | LBS/DY | *****                    | REPORT MD AVG | REPORT MX WK AV | MG/L     |        | WEEKLY                | COMPOS      |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT<br>50050 G 0 0<br>RAW SEW/INFLUENT     | SAMPLE MEASUREMENT | 31.7                | 76.1            | ( 03 ) | *****                    | *****         | *****           |          | Ø      | CN                    | CN          |
|   | PERMIT REQUIREMENT | REPORT MD AVG       | REPORT DAILY MX | MGD    | *****                    | *****         | *****           | ****     |        | CONTINUOUS            | CONTINUOUS  |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT<br>50050 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 31.7                | 90.6            | ( 03 ) | *****                    | *****         | *****           |          | Ø      | CN                    | CN          |
|   | PERMIT REQUIREMENT | REPORT MD AVG       | REPORT DAILY MX | MGD    | *****                    | *****         | *****           | ****     |        | CONTINUOUS            | CONTINUOUS  |
| CHLORINE, TOTAL RESIDUAL<br>50060 1 0 0<br>EFFLUENT GROSS VALUE                 | SAMPLE MEASUREMENT | *****               | *****           |        | *****                    | *****         | 40.010          | ( 19 )   | Ø      | 01/01                 | GR          |
|   | PERMIT REQUIREMENT | *****               | *****           | ****   | *****                    | *****         | 0.019 DAILY MX  | MG/L     |        | DAILY GRAB            |             |
| COLIFORM, FECAL GENERAL<br>74055 1 0 0<br>EFFLUENT GROSS VALUE                  | SAMPLE MEASUREMENT | *****               | *****           |        | *****                    | 3             | 9               | ( 13 )   | Ø      | 01/01                 | GR          |
|   | PERMIT REQUIREMENT | *****               | *****           | ****   | *****                    | 200 30DA GED  | 400 7 DA GED    | #/ 100ML |        | DAILY GRAB            |             |

|  |   |  |              |      |     |    |
|--|---|--|--------------|------|-----|----|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | TELEPHONE    | DATE |     |    |
| H.J. Schardeim<br>Exec. Director       |   |  | 502 540-6000 | 08   | 05  | 23 |
| TYPED OR PRINTED                       | AREA CODE   | NUMBER   | YEAR         | MO   | DAY |    |

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
USE MD AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME MSD WEST COUNTY STP  
ADDRESS C/O CEDAR CREEK STP  
8405 CEDAR CREEK RD  
LOUISVILLE KY 40211  
FACILITY MSD WEST COUNTY STP  
LOCATION LOUISVILLE KY 40272  
ATTN: DENNIS THOMASSON, SR METRO OPS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

KY0078954  
PERMIT NUMBER

001 2  
DISCHARGE NUMBER

MAJOR (SUBR LV)  
F - FINAL  
JEFFERSON  
MUNICIPAL WASTEWATER  
EFFLUENT  
\*\*\* NO DISCHARGE 1 \*\*\*  
NOTE: Read Instructions before completing this form.

| PARAMETER                         |                    | QUANTITY OR LOADING |         |       | QUALITY OR CONCENTRATION |         |         |          | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|-----------------------------------|--------------------|---------------------|---------|-------|--------------------------|---------|---------|----------|--------|-----------------------|-------------|
|                                   |                    | AVERAGE             | MAXIMUM | UNITS | MINIMUM                  | AVERAGE | MAXIMUM | UNITS    |        |                       |             |
| BOD, 5-DAY PERCENT REMOVAL        | SAMPLE MEASUREMENT | *****               | *****   |       | 85                       | *****   | *****   | ( 23 )   | Ø      | 01/30                 | CA          |
| B1010 K O O PERCENT REMOVAL       | PERMIT REQUIREMENT | *****               | *****   | ***** | 85 MO AVG                | *****   | *****   | PER-CENT |        | ONCE / MONTH          | CALC'D      |
| SOLIDS, SUSPENDED PERCENT REMOVAL | SAMPLE MEASUREMENT | *****               | *****   |       | 91                       | *****   | *****   | ( 23 )   | Ø      | 01/30                 | CA          |
| B1011 K O O PERCENT REMOVAL       | PERMIT REQUIREMENT | *****               | *****   | ***** | 85 MO MIN                | *****   | *****   | PER-CENT |        | ONCE / MONTH          | CALC'D      |
|                                   | SAMPLE MEASUREMENT |                     |         |       |                          |         |         |          |        |                       |             |
|                                   | PERMIT REQUIREMENT |                     |         |       |                          |         |         |          |        |                       |             |
|                                   | SAMPLE MEASUREMENT |                     |         |       |                          |         |         |          |        |                       |             |
|                                   | PERMIT REQUIREMENT |                     |         |       |                          |         |         |          |        |                       |             |
|                                   | SAMPLE MEASUREMENT |                     |         |       |                          |         |         |          |        |                       |             |
|                                   | PERMIT REQUIREMENT |                     |         |       |                          |         |         |          |        |                       |             |
|                                   | SAMPLE MEASUREMENT |                     |         |       |                          |         |         |          |        |                       |             |
|                                   | PERMIT REQUIREMENT |                     |         |       |                          |         |         |          |        |                       |             |
|                                   | SAMPLE MEASUREMENT |                     |         |       |                          |         |         |          |        |                       |             |
|                                   | PERMIT REQUIREMENT |                     |         |       |                          |         |         |          |        |                       |             |

|  |   |  |              |        |      |    |     |
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| H.J. Schardein<br>Exec. Director       |   |  | 502 540-6000 | 08     | 05   | 23 |     |
| TYPED OR PRINTED                       |   |  | AREA CODE    | NUMBER | YEAR | MO | DAY |

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.



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 LOCATION LOUISVILLE KY 40272  
 ATTN: DENNIS THOMASSON, SR METRO OPS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

KY0078956  
 PERMIT NUMBER

001 B  
 DISCHARGE NUMBER

MAJOR  
 (SUBR LV)  
 F - FINAL

Form Approved.  
 OMB No. 2040-0004

JEFFE

| MONITORING PERIOD |    |     |    |      |    |     |
|-------------------|----|-----|----|------|----|-----|
| YEAR              | MO | DAY | TO | YEAR | MO | DAY |
| 08                | 04 | 01  |    | 08   | 04 | 30  |

FROM

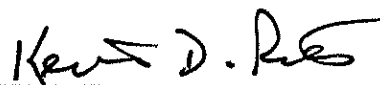
TO

REASONABLE POTENTIAL  
 EFFLUENT

\*\*\* NO DISCHARGE [ ] \*\*\*

NOTE: Read Instructions before completing this form.

| PARAMETER  |                    | QUANTITY OR LOADING |         |       | QUALITY OR CONCENTRATION |               |                 |        | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|--|--------------------|---------------------|---------|-------|--------------------------|---------------|-----------------|--------|--------|-----------------------|-------------|
|  |                    | AVERAGE             | MAXIMUM | UNITS | MINIMUM                  | AVERAGE       | MAXIMUM         | UNITS  |        |                       |             |
| CHROMIUM, HEXAVALENT<br>(AS CR)<br>01032 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | *****               | *****   |       | *****                    | <0.010        | <0.010          | ( 19 ) |        | 01/30                 | CP          |
|  | PERMIT REQUIREMENT | *****               | *****   | ****  | *****                    | REPORT MD AVG | REPORT DAILY MX | MG/L   |        | ONCE/MONTH            | COMPOS      |
|  | SAMPLE MEASUREMENT |                     |         |       |                          |               |                 |        |        |                       |             |
|  | PERMIT REQUIREMENT |                     |         |       |                          |               |                 |        |        |                       |             |
|  | SAMPLE MEASUREMENT |                     |         |       |                          |               |                 |        |        |                       |             |
|  | PERMIT REQUIREMENT |                     |         |       |                          |               |                 |        |        |                       |             |
|  | SAMPLE MEASUREMENT |                     |         |       |                          |               |                 |        |        |                       |             |
|  | PERMIT REQUIREMENT |                     |         |       |                          |               |                 |        |        |                       |             |
|  | SAMPLE MEASUREMENT |                     |         |       |                          |               |                 |        |        |                       |             |
|  | PERMIT REQUIREMENT |                     |         |       |                          |               |                 |        |        |                       |             |
|  | SAMPLE MEASUREMENT |                     |         |       |                          |               |                 |        |        |                       |             |
|  | PERMIT REQUIREMENT |                     |         |       |                          |               |                 |        |        |                       |             |
|  | SAMPLE MEASUREMENT |                     |         |       |                          |               |                 |        |        |                       |             |
|  | PERMIT REQUIREMENT |                     |         |       |                          |               |                 |        |        |                       |             |

|  |   |   |                                  |                         |      |  |  |
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| H.J. Schardein<br>Exec. Director<br>TYPED OR PRINTED |   |   | 502.540-6000<br>AREA CODE NUMBER | 08 05 23<br>YEAR MO DAY |      |  |  |

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)