

**MSD**

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

February 23, 2007

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

RE: Hite Creek Wastewater Treatment Plant, KPDES No: KY0022420  
Discharge Monitoring Report  
January 2007

Dear Ms. Thurman:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) report for the Hite Creek Wastewater Treatment Plant, for the month of January 2007.

If you have any questions concerning the attached DMR's, please contact me at (502)241-9093.

Sincerely,

John Kessel  
Process Supervisor, East Region

JMK/ Hite Creek. 0107

Enclosures

cc: M. Mudd (DOW Louisville)  
E. Brady  
T. Singleton  
P. Burgin  
R. Shaw



**Beneficial Use of Louisville's Biosolids**  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

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

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

NAME MGD HITE CREEK STP  
ADDRESS C/O LOUISVILLE/JEFF CO MGD  
4572 ALCONQUIN PARK  
LOUISVILLE KY 40211-2497  
FACILITY MGD HITE CREEK STP  
LOCATION LOUISVILLE KY 40201  
ATTN: ALEX E NOVAK, OPER MGR

KY0022420  
PERMIT NUMBER

001 2  
DISCHARGE NUMBER

MAJOR (SEWER LVS)  
F - FINAL JEFFE  
MUNICIPAL WASTEWATER EFFLUENT  
\*\*\* NO DISCHARGE 1 [ ] \*\*\*


| MONITORING PERIOD |    |     |    |      |    |     |
|-------------------|----|-----|----|------|----|-----|
| YEAR              | MO | DAY | TO | YEAR | MO | DAY |
| 07                | 01 | 01  |    | 07   | 01 | 31  |

NOTE: Read Instructions before completing this form.

| PARAMETER                                | SAMPLE MEASUREMENT | QUANTITY OR LOADING |                     |        | QUALITY OR CONCENTRATION |               |                 |       | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|--|--------------------|---------------------|---------------------|--------|--------------------------|---------------|-----------------|-------|--------|-----------------------|-------------|
|  |                    | AVERAGE             | MAXIMUM             | UNITS  | MINIMUM                  | AVERAGE       | MAXIMUM         | UNITS |        |                       |             |
| OXYGEN, DISSOLVED (DO)                   | 00300 1 0 0        | *****               | *****               |        | 8.4                      | *****         | *****           | ( 19) | 0      | 3/7                   | Grab        |
| EFFLUENT GROSS VALUE                     | PERMIT REQUIREMENT | *****               | *****               | ****   | INST MIN                 | *****         | *****           | MG/L  |        | FREE/GRAB             | WEEK        |
| PH                                       | 00400 1 0 0        | *****               | *****               |        | 7.1                      | *****         | 7.5             | ( 12) | 0      | 3/7                   | Grab        |
| EFFLUENT GROSS VALUE                     | PERMIT REQUIREMENT | *****               | *****               | ****   | MINIMUM                  | *****         | *****           | 5U    |        | FREE/GRAB             | WEEK        |
| SOLIDS, TOTAL SUSPENDED                  | 00500 0 0 0        | 5789                | 8252                | ( 26)  | *****                    | 138.25        | 163.33          | ( 19) | 0      | 3/7                   | Comp        |
| RAW SEW/INFLUENT                         | PERMIT REQUIREMENT | REPORT MD AVG       | REPORT MX WK AV     | LBS/DY | *****                    | REPORT MD AVG | REPORT MX WK AV | MG/L  |        | FREE/COMPUS           | WEEK        |
| SOLIDS, TOTAL SUSPENDED                  | 00500 1 0 0        | 219                 | 501                 | ( 26)  | *****                    | 6.83          | 8.67            | ( 19) | 0      | 3/7                   | Comp        |
| EFFLUENT GROSS VALUE                     | PERMIT REQUIREMENT | 1100 MD AVE         | 1650 MX WK AV       | LBS/DY | *****                    | 30 MD AVG     | 45 MX WK AV     | MG/L  |        | FREE/COMPUS           | WEEK        |
| NITROGEN, AMMONIA TOTAL (AS N)           | 00610 0 0 0        | 515                 | 594.6               | ( 26)  | *****                    | 12.44         | 14.93           | ( 19) | 0      | 3/7                   | Comp        |
| RAW SEW/INFLUENT                         | PERMIT REQUIREMENT | REPORT MD AVG       | REPORT MX WK AV     | LBS/DY | *****                    | REPORT MD AVG | REPORT MX WK AV | MG/L  |        | FREE/COMPUS           | WEEK        |
| NITROGEN, AMMONIA TOTAL (AS N)           | 00610 3 2 0        | 17                  | 72                  | ( 26)  | *****                    | .43           | 1.22            | ( 19) | 0      | 3/7                   | Comp        |
| EFFLUENT GROSS VALUE                     | PERMIT REQUIREMENT | 347 MD AVG          | 550 MX WK AV        | LBS/DY | *****                    | 10 MD AVG     | 15 MX WK AV     | MG/L  |        | FREE/COMPUS           | WEEK        |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT | 00050 1 0 0        | 4.928               | 9.060               | ( 03)  | *****                    | *****         | *****           |       | 0      | C/N                   | C/N         |
| EFFLUENT GROSS VALUE                     | PERMIT REQUIREMENT | REPORT MD AVG       | REPORT DAILY MX MGD |        | *****                    | *****         | *****           | ****  |        | CONT IN CONT IN       | VOUS        |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
H.J. Schardein Jr  
Exec. Director  
TYPED OR PRINTED

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 |    |     |
|-----------|----------|------|----|-----|
| 502       | 540-6000 | 07   | 02 | 20  |
| AREA CODE | NUMBER   | YEAR | MO | DAY |

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

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

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

NAME HSD HITE CREEK STP  
ADDRESS C/O LOUISVILLE/JEFF CO MSD  
4572 ALGONGUIN PKWY  
LOUISVILLE KY 40211-2497  
FACILITY HSD HITE CREEK STP  
LOCATION LOUISVILLE KY 40201  
ATTN: ALEX E. NOVAK, OPER MGR

KY0022420  
PERMIT NUMBER

001 2  
DISCHARGE NUMBER

MAJOR (SUBR LV)  
F - FINAL  
MUNICIPAL WASTEWATER EFFLUENT  
JEFFE


| MONITORING PERIOD |    |     |    |      |    |     |
|-------------------|----|-----|----|------|----|-----|
| YEAR              | MO | DAY | TO | YEAR | MO | DAY |
| 07                | 01 | 01  |    | 07   | 01 | 31  |

\*\*\* NO DISCHARGE I [ ] \*\*\*  
NOTE: Read Instructions before completing this form.

| PARAMETER                           | SAMPLE MEASUREMENT | QUANTITY OR LOADING |         |        | QUALITY OR CONCENTRATION |         |         |          | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|-------------------------------------|--------------------|---------------------|---------|--------|--------------------------|---------|---------|----------|--------|-----------------------|-------------|
|                                     |                    | AVERAGE             | MAXIMUM | UNITS  | MINIMUM                  | AVERAGE | MAXIMUM | UNITS    |        |                       |             |
| COLORIM. FECAL GENERAL              |                    | *****               | *****   |        | *****                    | 13      | 87      | ( 13)    | 0      | 3/7                   | Grab        |
| 74058 1 0 0<br>EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | *****               | *****   | ***    | *****                    | 200     | 400     | #/100ML  |        | THREE/WEEK            | GRAB        |
| BOD, CARBONACEOUS 5 DAY, ZOC        |                    | 5374                | 8130    | ( 25)  | *****                    | 128.58  | 159.33  | ( 19)    | 0      | 3/7                   | Comp        |
| 50052 3 0 0<br>RAW SEW/INFLUENT     | PERMIT REQUIREMENT | REPORT              | REPORT  | LBS/DY | *****                    | REPORT  | REPORT  | MG/L     |        | THREE/WEEK            | COMPOS      |
| BOD, CARBONACEOUS 5 DAY, ZOC        |                    | 219                 | 501     | ( 28)  | *****                    | 5.08    | 10.33   | ( 19)    | 0      | 3/7                   | Comp        |
| 50082 1 0 0<br>EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | 3.367               | 550     | LBS/DY | *****                    | 10      | 15      | MG/L     |        | THREE/WEEK            | COMPOS      |
| BOD, CARB-S DAY, ZOC                |                    | *****               | *****   |        | 95.8%                    | *****   | *****   | ( 23)    | 0      | 1/31                  | Cal         |
| 50091 4 0 0<br>PERCENT REMOVAL      | PERMIT REQUIREMENT | *****               | *****   | *****  | 65                       | *****   | *****   | PER-CENT |        | ONCE/MONTH            | CALC'D      |
| SOLIDS, SUSPENDED PERCENT REMOVAL   |                    | *****               | *****   |        | 94.4%                    | *****   | *****   | ( 23)    | 0      | 1/31                  | Cal         |
| 51011 4 0 0<br>PERCENT REMOVAL      | PERMIT REQUIREMENT | *****               | *****   | *****  | 65                       | *****   | *****   | PER-CENT |        | ONCE/MONTH            | CALC'D      |
|                                     | SAMPLE MEASUREMENT |                     |         |        |                          |         |         |          |        |                       |             |
|                                     | PERMIT REQUIREMENT |                     |         |        |                          |         |         |          |        |                       |             |
|                                     | SAMPLE MEASUREMENT |                     |         |        |                          |         |         |          |        |                       |             |
|                                     | PERMIT REQUIREMENT |                     |         |        |                          |         |         |          |        |                       |             |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
H.J. Schawdorn Jr  
Exec. Director  
TYPED OR PRINTED

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 |    |     |
|-----------|----------|------|----|-----|
| 562       | 546-6000 | 07   | 02 | 20  |
| 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.

NAME OF TREATMENT PLANT HITE CREEK WTP

COUNTY JEFFERSON

MONTH OF: January 2007

KPDES PERMIT NUMBER KY0022420

PLANT CAPACITY 4.4 MGD

RECEIVING STREAM HITE CREEK

| DATE | TOTAL FLOW (MILLION GALLONS) | RAW SEWAGE                |                         | pH  |       | SETTLABLE SOLIDS (mg/L) |                  | DISSOLVED OXYGEN (mg/L) |              |                | SUSPENDED SOLIDS (mg/L) |     |                  | 5 DAY CBOD (mg/L) |     |                  | ACTIVATED SLUDGE |             |              | AERATION BASIN |                         |                    |                     |                       |         | SLUDGE HANDLING |              |                   |              |                   | FINAL        |                                 |                          |             |
|------|------------------------------|---------------------------|-------------------------|-----|-------|-------------------------|------------------|-------------------------|--------------|----------------|-------------------------|-----|------------------|-------------------|-----|------------------|------------------|-------------|--------------|----------------|-------------------------|--------------------|---------------------|-----------------------|---------|-----------------|--------------|-------------------|--------------|-------------------|--------------|---------------------------------|--------------------------|-------------|
|      |                              | GRIT REMOVED (CUBIC FEET) | SCREENINGS (CUBIC FEET) | RAW | FINAL | RAW                     | PRIMARY EFFLUENT | FINAL EFFLUENT          | STREAM ABOVE | FINAL EFFLUENT | STREAM BELOW            | RAW | PRIMARY EFFLUENT | FINAL EFFLUENT    | RAW | PRIMARY EFFLUENT | FINAL EFFLUENT   | RETURN      |              | WASTED         | DISSOLVED OXYGEN (mg/L) | MLSS (mg/L) X 1000 | MLVSS (mg/L) X 1000 | SETTLED SLUDGE VOLUME |         | RAW             |              |                   | HAULED       |                   | NH3-N (mg/L) | FECAL COLIFORM (COLONIES/100ML) |                          |             |
|      |                              |                           |                         |     |       |                         |                  |                         |              |                |                         |     |                  |                   |     |                  |                  | MLSS X 1000 | MLVSS X 1000 |                |                         |                    |                     | 30 MIN.               | 60 MIN. | GALLONS X 1000  | % DRY SOLIDS | % VOLATILE SOLIDS | % DRY SOLIDS | % VOLATILE SOLIDS |              |                                 | WITHDRAWN GALLONS X 1000 |             |
|      |                              |                           |                         |     |       |                         |                  |                         |              |                |                         |     |                  |                   |     |                  |                  |             |              |                |                         |                    |                     |                       |         |                 |              |                   |              |                   |              |                                 |                          | MLSS X 1000 |
| 1    | 5.18                         |                           |                         | 7.3 |       | 8.0                     |                  | 0.0                     |              |                | 124                     |     | 5                | 119               |     | 4                | 1500             | 12.3        | 46           | 3.7            | 3.51                    |                    | 270                 |                       |         |                 |              |                   |              |                   | 0.05         | 87                              |                          |             |
| 2    | 4.85                         | 36                        | 36                      | 7.2 | 7.4   | 10.0                    |                  | 0.0                     |              |                | 204                     |     | 6                | 201               |     | 4                | 1820             | 12.81       | 39.4         | 1.2            | 3.325                   | 2.605              | 260                 |                       |         |                 |              |                   | 1.21         | 78                | 75.6         | 1.6                             | 73                       |             |
| 3    | 4.33                         |                           |                         | 7.2 | 7.1   | 8.0                     |                  | 0.0                     |              |                | 143                     |     | 6                | 158               |     | 1                | 1700             | 9.49        | 65.7         | 0.9            | 3.14                    |                    | 240                 |                       |         |                 |              |                   |              |                   | 75.6         | 2                               | 10                       |             |
| 4    | 4.58                         |                           |                         | 7.4 | 7.1   | 8.0                     |                  | 0.0                     |              |                | 8.4                     |     |                  |                   |     |                  | 1710             | 9.96        |              | 0.9            | 2.925                   |                    | 200                 |                       |         |                 |              |                   |              |                   | 75.6         |                                 |                          |             |
| 5    | 5.01                         | 36                        | 36                      | 7.2 |       | 8.0                     |                  | 0.0                     |              |                |                         |     |                  |                   |     |                  | 2590             | 10.14       |              | 1.8            | 3.285                   |                    | 240                 |                       |         |                 |              |                   |              |                   | 75.6         |                                 |                          |             |
| 6    | 4.22                         |                           |                         | 7.1 |       | 8.0                     |                  | 0.0                     |              |                |                         |     |                  |                   |     |                  | 2500             | 9.82        |              | 3.1            | 4.315                   |                    | 320                 |                       |         |                 |              |                   |              |                   | 69.3         |                                 |                          |             |
| 7    | 5.59                         |                           |                         | 7.1 |       | 4.5                     |                  | 0.0                     |              |                |                         |     |                  |                   |     |                  | 1730             | 9.55        |              | 3.9            | 4.765                   |                    | 400                 |                       |         |                 |              |                   |              |                   |              |                                 |                          |             |
| 8    | 4.86                         |                           |                         | 7.7 |       | 8.0                     |                  | 0.0                     |              |                | 118                     |     | 10               | 115               |     | 11               | 1790             | 13.13       |              | 9              | 3.755                   |                    | 310                 |                       |         |                 |              |                   |              | 50.4              | 1.1          | 17                              |                          |             |
| 9    | 4.76                         | 36                        | 36                      | 7.8 | 7.2   | 8.0                     |                  | 0.0                     |              |                | 144                     |     | 7                | 167               |     | 6                | 2240             | 13.66       |              | 1.9            | 4.27                    |                    | 330                 |                       |         |                 |              |                   |              |                   | 0.05         | 10                              |                          |             |
| 10   | 4.29                         |                           |                         | 8.7 | 7.2   | 8.0                     |                  | 0.0                     |              |                | 160                     |     | 9                | 144               |     | 14               | 1380             | 12.04       |              | 2.1            | 4.245                   | 3.315              | 310                 |                       |         |                 |              |                   |              |                   | 0.05         | 23                              |                          |             |
| 11   | 4.2                          |                           |                         | 7.3 | 7.1   | 9.0                     |                  | 0.0                     |              |                | 9.4                     |     |                  |                   |     |                  | 2260             | 12.85       | 42.7         | 2.9            | 4.185                   |                    | 330                 |                       |         |                 |              |                   |              |                   |              |                                 |                          |             |
| 12   | 3.82                         | 36                        | 36                      | 7.3 |       | 8.0                     |                  | 0.0                     |              |                |                         |     |                  |                   |     |                  | 1780             | 12.85       | 42.7         | 2.7            | 4.59                    |                    | 380                 |                       |         |                 |              |                   |              |                   | 63           |                                 |                          |             |
| 13   | 6.84                         |                           |                         | 7.8 |       | 8.0                     |                  | 0.0                     |              |                |                         |     |                  |                   |     |                  | 2360             | 11.16       | 26.3         | 2.4            | 4.995                   |                    | 520                 |                       |         |                 |              |                   |              |                   | 63           |                                 |                          |             |
| 14   | 8.36                         |                           |                         | 7.5 |       | 7.5                     |                  | 0.0                     |              |                |                         |     |                  |                   |     |                  | 2190             | 15.09       | 16.4         | 2.4            | 3.83                    |                    | 310                 |                       |         |                 |              |                   |              |                   |              |                                 |                          |             |
| 15   | 9.08                         |                           |                         | 7.6 |       | 6.0                     |                  | 0.0                     |              |                | 76                      |     | 9                | 65                |     | 4                | 1950             | 15.58       | 16.4         | 2.1            | 4.3                     |                    | 380                 |                       |         |                 |              |                   |              | 63                | 0.05         | 10                              |                          |             |
| 16   | 7.16                         | 36                        | 36                      | 7.6 | 7.4   | 8.0                     |                  | 0.0                     |              |                | 100                     |     | 10               | 85                |     | 5                | 1750             | 16.82       |              | 4.2            | 3.855                   |                    | 300                 |                       |         |                 |              |                   |              | 31.5              | 0.05         | 3                               |                          |             |
| 17   | 5.8                          |                           |                         | 7.2 | 7.4   | 9.0                     |                  | 0.0                     |              |                | 100                     |     | 6                | 105               |     | 3                | 1680             | 16.64       | 26.3         | 4.5            | 4.26                    |                    | 350                 |                       |         |                 |              |                   |              | 18.9              | 0.05         | 7                               |                          |             |
| 18   | 5.47                         |                           |                         | 7.8 | 7.3   | 8.0                     |                  | 0.0                     |              |                | 8.9                     |     |                  |                   |     |                  | 2130             | 15.66       | 32.9         | 3.1            | 4.56                    | 3.485              | 350                 |                       |         |                 |              |                   | 1.59         | 75                | 31.5         |                                 |                          |             |
| 19   | 5.07                         | 36                        | 36                      | 7.4 |       | 7.0                     |                  | 0.0                     |              |                |                         |     |                  |                   |     |                  | 2340             | 15          | 39.4         | 3.3            | 4.795                   |                    | 350                 |                       |         |                 |              |                   |              |                   | 44.1         |                                 |                          |             |
| 20   | 4.29                         |                           |                         | 7.1 |       | 10.0                    |                  | 0.0                     |              |                |                         |     |                  |                   |     |                  | 1930             | 12.39       | 32.9         | 1.8            | 5.11                    |                    | 500                 |                       |         |                 |              |                   |              |                   | 31.5         |                                 |                          |             |
| 21   | 4.98                         |                           |                         | 7.4 |       | 10.0                    |                  | 0.0                     |              |                |                         |     |                  |                   |     |                  | 1820             | 13.43       | 26.3         | 3.3            | 4.965                   |                    | 440                 |                       |         |                 |              |                   |              |                   |              |                                 |                          |             |
| 22   | 4.56                         |                           |                         | 7.4 |       | 10.0                    |                  | 0.0                     |              |                | 162                     |     | 6                | 104               |     | 3                | 2180             | 15.51       | 26.3         | 4.3            | 5.135                   |                    | 400                 |                       |         |                 |              |                   |              | 63                | 0.05         | 3                               |                          |             |
| 23   | 4.48                         | 36                        | 36                      | 7.2 | 7.5   | 10.2                    |                  | 0.0                     |              |                | 148                     |     | 4                | 131               |     | 3                | 2060             | 14.47       | 46           | 4.8            | 5.685                   | 4.285              | 450                 |                       |         |                 |              | 1.48              |              | 37.8              | 0.05         | 70                              |                          |             |
| 24   | 4.15                         |                           |                         | 7.3 | 7.4   | 10.0                    |                  | 0.0                     |              |                | 180                     |     | 4                | 149               |     | 3                | 2220             | 15.27       | 39.4         | 3.1            | 4.78                    |                    | 360                 |                       |         |                 |              |                   |              | 69.3              | 0.05         | 3                               |                          |             |
| 25   | 4.19                         |                           |                         | 7.2 | 7.4   | 10.0                    |                  | 0.0                     |              |                | 9.5                     |     |                  |                   |     |                  | 2220             | 13.85       | 32.9         | 4.1            | 4.93                    |                    | 350                 |                       |         |                 |              |                   |              |                   | 56.7         |                                 |                          |             |
| 26   | 3.67                         | 36                        | 36                      | 7.4 |       | 9.0                     |                  | 0.0                     |              |                |                         |     |                  |                   |     |                  | 2220             | 14.11       | 46           | 4              | 5.32                    |                    | 400                 |                       |         |                 |              |                   |              |                   | 56.7         |                                 |                          |             |
| 27   | 3.65                         |                           |                         | 7.3 |       | 8.5                     |                  | 0.0                     |              |                |                         |     |                  |                   |     |                  | 2000             | 13.19       | 23           | 3.9            | 6.02                    |                    | 520                 |                       |         |                 |              |                   |              |                   | 31.5         |                                 |                          |             |
| 28   | 3.87                         |                           |                         | 7.3 |       | 11.0                    |                  | 0.0                     |              |                |                         |     |                  |                   |     |                  | 1950             | 5.49        | 32.9         | 4.2            | 3.145                   |                    | 500                 |                       |         |                 |              |                   |              |                   |              |                                 |                          |             |
| 29   | 3.81                         |                           |                         | 7.4 |       | 11.0                    |                  | 0.0                     |              |                |                         |     |                  |                   |     |                  | 2220             | 12.87       | 26.3         | 3.4            | 5.435                   |                    | 400                 |                       |         |                 |              |                   |              |                   | 63           |                                 |                          |             |
| 30   | 3.81                         | 36                        | 36                      | 7.3 |       | 15.0                    |                  | 0.0                     |              |                |                         |     |                  |                   |     |                  | 2240             | 13.65       | 32.9         | 3.5            | 5.275                   |                    | 350                 |                       |         |                 |              |                   |              |                   | 63           |                                 |                          |             |
| 31   | 3.85                         |                           |                         | 7.2 |       | 15.0                    |                  | 0.0                     |              |                |                         |     |                  |                   |     |                  | 1780             | 12.75       |              | 2.7            | 5.355                   |                    | 350                 |                       |         |                 |              |                   |              |                   | 44.1         |                                 |                          |             |
| Tot. | 152.8                        | 324                       | 324                     |     |       |                         |                  |                         |              |                |                         |     |                  |                   |     |                  | 62240            |             |              |                |                         |                    |                     |                       |         |                 |              |                   |              |                   | 1254         |                                 |                          |             |
| Avg. | 4.928                        | 36                        | 36                      | 7.4 | 7.3   | 9.0                     |                  |                         |              |                | 9.0                     |     | 7                | 129               |     | 5                | 2008             |             | 34.5         | 3.2            | 4.454                   | 3.423              | 360.3               |                       |         |                 |              |                   | 1.427        | 76.5              | 54.51        | 0.43                            | 13                       |             |

RESIDENTIAL  
COMMERCIAL  
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT  
46931 FLOW  
31085 CBOD  
27056 TSS

EARL DUNN

7626

TOTAL NUMBER OF SEWER CONNECTIONS

0

SEWER CONNECTIONS

0 X 4

=

0 SEWERED POPULATION

502-241-9310

NAME OF TREATMENT PLANT Hite Creek

COUNTY Jefferson

Month of:

Avg. Flow: 4.93

| Date | Rainfall | Sludge Disposal<br>in Gallons | Remarks   |
|------|----------|-------------------------------|---|
| 1    |          | 0                             |   |
| 2    |          | 75600                         | ROTATE NEW BLOWERS #2 IN SERVICE.               |
| 3    |          | 75600                         | INCREASE RETURN RATES HEAVY SCUM ON CLARIFIERS. |
| 4    | 0.28     | 75600                         | INCREASE VARIABLE DIFFUSER TO 70% OUTPUT        |
| 5    | 0.11     | 75600                         |   |
| 6    |          | 69300                         |   |
| 7    | 0.53     | 0                             |   |
| 8    |          | 50400                         |   |
| 9    |          | 0                             | REPAIR A2, B4 MODULE ON 3000 PLUS UV            |
| 10   |          | 0                             | P.M.W.O.#5156949,5157267.                       |
| 11   |          | 0                             | API CLEAN OFF SEC CLARIFER C-WELLS              |
| 12   | 0.46     | 63000                         | INCREASE VARIABLE TO 90% OUTPUT                 |
| 13   | 1        | 63000                         |   |
| 14   | 0.4      | 0                             | HIGH FLOW RATE FROM RAIN                        |
| 15   | 0.42     | 63000                         |   |
| 16   |          | 31500                         | HYDRITE DELIVER 3 TOTES                         |
| 17   |          | 18900                         |   |
| 18   |          | 31500                         | TEST RUN GENERATORS                             |
| 19   |          | 44100                         | RESET #2 INF. PUMP                              |
| 20   | 0.26     | 31500                         |   |
| 21   | 0.28     | 0                             |   |
| 22   |          | 63000                         |   |
| 23   | 0.08     | 37800                         | PROCESS WATER PUMP OUT OF SERVICE               |
| 24   |          | 69300                         | PROCESS WATER PUMP BACK IN SERVICE              |
| 25   |          | 56700                         | P.M.W.O.#5158566, 5158314, 8350                 |
| 26   |          | 56700                         | API CLEAN OFF SEC CLARIFER C-WELLS              |
| 27   |          | 31500                         |   |
| 28   |          | 0                             |   |
| 29   |          | 63000                         | RESET WIPERS ON 3000 PLUS                       |
| 30   |          | 63000                         |   |
| 31   | 0.04     | 44100                         | REPAIR A4 MODULE ON 3000 PLUS UV SYSTEM         |