

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

March 20, 2011

Ms. Crystal Thompson Kentucky Division of Water 200 Fair Oaks Lane, 4th Floor Frankfort, Kentucky 40601

RE:

Cedar Creek WQTC, KPDES No: KY0098540

Discharge Monitoring Report-February 2011

Dear Ms. Thompson:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Cedar Creek WQTC, KPDES No.: KY0098540 for the month of February 2011.

Also attached are bypass and overflow reports.

There were no exceedences.

If you have any questions concerning the attached DMR's, please contact me at (502) 239-7574.

Sincerely,

Duane V. Wright

Process Supervisor Central Region

DVW/Cedar Creek 2.11.doc

Enclosures

cc: C. Roth (DOW Louisville)

T. Singleton

R. Shaw



PERMITTEE NAME/ADDRESS (Include

Facility Name/Location if different)

NAME

CEDAR CREEK WOTC MSD C/O CEDAR CREEK WQTC **ADDRESS** 8405 CEDAR CREEK RD

LOUISVILLE KY 40211 CEDAR CREEK WOTC MSD FACILITY

LOCATION LOUISVILLE

KY 40291

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES) DISCHARGE MONITORING REPORT (DMR)

KY0098540 PERMIT NUMBER

YEAR

FROM 11

0012 DISCHARGE NUMBER **MAJOR** (SUBR LV)

F - FINAL

JEFFE

MONITORING PERIOD **NEW EXPANSION EFFLUENT** DAY YEAR MO DAY 02 01 TO 11 02 28 [] No Discharge

| ATTN: DENNIS THOMMASSOI | SR. METRO OPS | ; | 110011 | 1 02 0. | 10 11 | | TE: Read instructi | | com | pleting this | s form |
|--|--|---|--|---|---------------------------------|--------------------|-----------------------|-----------------|--------------------------------|----------------|--------|
| PARAMETER | | | QUANTITY OR LOADING | 3 | QUALI | TY OR CONCENTRATIO | | | NO | FREQUENCY | SAMPLE |
| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | EX | OF ANALYSIS | TYPE |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT | SAMPLE MEASUREMENT | 6.94 | 18.54 | (03) MGD | ******** | **** | ***** | *** | 0 | CN | CN |
| 50050 1 0 0 EFFLUENT GROSS VALUE | PERMIT MEASUREMENT | REPORT MO AVG | REPORT DAILY MX | (03) MGD | www.www. | deskriktivik | ****** | *** | | CONTIN | CONTIN |
| COLIFORM, FECAL GENERAL | SAMPLE MEASUREMENT | ***** | ***** | *** | ***** | 5 | 6 | (13) 100ML | 0 | 3/7 | GR |
| 74055 1 0 0 EFFLUENT GROSS VALUE | PERMIT MEASUREMENT | | | *** | **** | 200 30DA GEO | 400 7 DA GEO | (13) 100ML | | THREE/ WEEK | GRAB |
| BOD, CARBONACEOUS 05 DAY, 20C | SAMPLE MEASUREMENT | 2978 | 3314 | (26) LBS/DY | ***** | 61 | 79 | (19) MG/L | 0 | 3/7 | CP |
| 80082 G 0 0 RAW SEW/INFLUENT | PERMIT MEASUREMENT | REPORT MO AVG | REPORT MX WK AV | (26) LBS/DY | ****** | REPORT MO AVG | REPORT MX WK AV | (19) MG/L | | THREE/ WEEK | COMPOS |
| BOD, CARBONACEOUS 05 DAY, 20C | SAMPLE MEASUREMENT | 104 | 133 | (26) LBS/DY | ok ok ok ok ok | 2 | 2 | (19) MG/L | 0 | 3/7 | CP |
| 80082 1 0 0 EFFLUENT GROSS VALUE | PERMIT MEASUREMENT | 625 MO AVG | 938 MX WK AV | (26) LBS/DY | **** | 10 MO AVG | 15 MX WK AV | (19) MG/L | | THREE/ WEEK | COMPOS |
| BOD, CARB 5-DAY, 20 DEG C, PERCENT REMVL | SAMPLE MEASUREMENT | ***** | ***** | *** | 97 | ***** | ***** | (23) CENT | 0 | 1/28 | CA |
| 80091 K 0 0 PERCENTREMOVAL | PERMIT MEASUREMENT | ske skrijkrijerskrije | | *** | 85 MO MIN | ***** | **** | (23) CENT | | ONCE/ MONTH | CALCTD |
| SOLIDS, SUSPENDED PERCENT REMOVAL | SAMPLE MEASUREMENT | ***** | ***** | *** | 97 | ***** | ***** | (23) CENT | 0 | 1/28 | CA |
| 81011 K 0 0 PERCENTREMOVAL | PERMIT MEASUREMENT | www.www | ***** | *** | 85 MO MIN | ****** | **** | (23) CENT | MARTINE Grander Albertan | ONCE/ MONTH | CALCTD |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT MEASUREMENT | | | | | | | | | arstar are say | |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER H J SCHARDEIN | THE INFORMATION, I BELLE | BASED ON MY INQUIRY OF T EVE THE SUBMITTED INFOR | SONALLY EXAMINED AMD A THOSE INDIVIDALS IMMEDIAT MATION IS TRUE, ACCURAT | TELY RESPONSIBLE P E AND COMPLETE. I A | OR OBTAINING O | / 1/ | 1 . A TE | LEPHONE | | DA | ÎTE |
| EXECUTIVE DIRECTOR | THERE ARE SIGNIFICANT I AND IMPRISONMENT, SEE | PÉNALTIES FRO SUBMITTIN | G FALSE INFORMATION, INC 3 1319. (Penalties under these | LUDING THE POSSIBII | LITY OF FINE nos up to \$10,000 | URE OF PRINCIPAL | 502 EXECUTIVE AREA | 540-60 NUMBE | | 11 0 | 3 22 |
| TYPED OR PRINTED COMMENT AND EXPLANTION OF ANY VIOLATION | 10 (7) | · | | | OFFIC | ER OR AUTHORIZE | DAGENT CODE | | | YEAR M | |

NAME

ADDRESS

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KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES) DISCHARGE MONITORING REPORT (DMR)

CEDAR CREEK WOTC MSD C/O CEDAR CREEK WOTC

8405 CEDAR CREEK RD LOUISVILLE KY 40211

FACILITY CEDAR CREEK WOTC MSD

LOCATION LOUISVILLE KY 40291

KY0098540 PERMIT NUMBER

0012 DISCHARGE NUMBER

28

MAJOR (SUBR LV)

F - FINAL

JEFFE

MONITORING PERIOD MQ YEAR MO DAY YEAR DAY FROM 11 02 01. 11 02 TO

NEW EXPANSION EFFLUENT [] No Discharge

| ATTN: DENNIS THOMMASSON | SR. METRO OPS | ; | 11000 11 | 02 01 | .0 | | TE: Read instruction | | com | pleting this | form |
|---|--|--|--|--|--|------------------------|------------------------|--------------|----------|-----------------|----------------|
| PARAMETER | | | QUANTITY OR LOADING | ; | QUALF | TY OR CONCENTRATION | 1 | | NO EX | FREQUENCY OF | SAMPLE TYPE |
| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | | ANALYSIS | |
| OXYGEN, DISSOLVED (DO) | SAMPLE MEASUREMENT | **** | she she she she she | *** | 9.0 | No the should should | skrikrskrik | (19) MG/L | . 0 | 1/1 | GR |
| 00300 1 0 0 EFFLUENT GROSS VALUE | PERMIT MEASUREMENT | ***** | ***** | *** | 7.0 INST MIN | denjenienienie | www.hark | (19) MG/L | | THREE/ WEEK | GRAB. |
| PH | SAMPLE MEASUREMENT | ***** | ***** | *** | 6.6 | **** | 7.5 | (12) SU | 0 | 1/1 | GR |
| 00400 1 0 0 EFFLUENT GROSS VALUE | PERMIT MEASUREMENT | ***** | ***** | *** | 6.0 MINIMUM | | 9.0 MAXIMUM | (12) SU | | THREE/ WEEK | GRAB |
| SOLIDS, TOTAL SUSPENDED | SAMPLE MEASUREMENT | 4688 | 6325 | (26) LBS/DY | ***** | 98 | 150 | (19) MG/L | 0 | 03/07 | CP |
| 00530 G 0 0 RAW SEW/INFLUENT | PERMIT MEASUREMENT | REPORT MO AVG | REPORT MX WK AV | (26) LBS/DY | **** | REPORT MO AVG | REPORT MX WK AV | (19) MG/L | | THREE/ WEEK | COMPOS |
| SOLIDS, TOTAL SUSPENDED | SAMPLE MEASUREMENT | 130 | 172 | (26) LBS/DY | **** | 3 | 3 | (19) MG/L | 0 | 03/07 | CP |
| 00530 1 0 0 EFFLUENT GROSS VALUE | PERMIT MEASUREMENT | 1876 MO AVG | 2815 MX WK AV | (26) LBS/DY | ********* | 30 MO AVG | 45 MX WK AV | (19) MG/L | | THREE/ WEEK | COMPOS |
| NITROGEN, AMMONIA TOTAL (AS N) | SAMPLE MEASUREMENT | 632 | 771 | (26) LBS/DY | **** | -12.7 13 | -14.5 | (19) MG/L | 0 | 03/07 | CP |
| 00610 G 0 0 RAW SEW/INFLUENT | PERMIT MEASUREMENT | REPORT MO AVG | REPORT MX WK AV | (26) LBS/DY | ***** | REPORT MO AVG | REPORT MX WK AV | (19) MG/L | | THREE/ WEEK | COMPOS |
| NITROGEN, AMMONIA TOTAL (AS N) | SAMPLE MEASUREMENT | 20 | 47 | (26) LBS/DY | ***** | 0.4 | 0.8 | (19) MG/L | 0 | 03/07 | CP |
| 00610 1 2 0 EFFLUENT GROSS VALUE | PERMIT MEASUREMENT | 625 MO AVG | 938 MX WK AV | (26) LBS/DY | Write Ne Ne Ne | 10 MO AVG | 15 MX WK AV | (19) MG/L | | THREE/ WEEK | COMPOS |
| PHOSPHORUS, TOTAL (AS P) | SAMPLE MEASUREMENT | -5.6 | -6.7 7 | (26) LBS/DY | ***** | 0.1 | 0.1 | (19) MG/L | 0 | 03/07 | CP |
| 00665 1 0 0 EFFLUENT GROSS VALUE | PERMIT MEASUREMENT | 125 MO AVG | 156 MX WK AV | (26) LBS/DY | ***** | 2.0 MO AVG | 2.5 MX WK AV | (19) MG/L | | THREE/ WEEK | COMPOS |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER H J SCHARDEIN EXECUTIVE DIRECTOR | SUBMITTED HEREIN AND THE INFORMATION, I BELL THERE ARE SIGNIFICANT AND IMPRISONMENT, SEE | BASED ON MY INQUIRY OF T EVE THE SUBMITTED INFOR PENALTIES FRO SUBMITTIN | SONALLY EXAMINED AMD AT THOSE INDIVIDALS IMMEDIAT WATTON IS TRUE, ACCURATI OF FALSE INFORMATION, INCI 0 1319. (Ponaltics under these years. | ELY RESPONSIBLE F E AND COMPLETE, I A LUDING THE POSSIBI | OR OBTAINING VM AWARE THAT LITY OF FINE nos up to \$10,000 | URE OF PRINCIPAL É | hmid 502 | 540-60 | 000 | | 3 22 |
| TYPED OR PRINTED COMMENT AND EXPLANTION OF ANY VIOLATION | | | | | | CER OR AUTHORIZED | _ | <u> </u> | | | O DAY |

| MOJ GANOWAR LINE 6.91 9.95 7.11 6.08 6.76 6.745 6.52 0.5.78 1.5.42 2.5.23 3.5.12 4.4.73 5.4.78 6.5.24 7.5.13 8.4.36 9.4.50 | RA SEW | W | AV2 6.7 6.7 6.8 7.0 7.1 6.9 6.8 6.7 6.7 6.8 7.1 | 7.1 7.5 7.2 7.1 7.0 7.1 | SE SOL 20.0 18.0 | PRIMARY OF FEFLUENT S P | | | D D D D D D D D D D D D D D D D D D D | ED | SOL | PRIMARY DE SO THE PEFFLUENT SO THE SEPTIMENT SO THE SEPTI | FINAL EFFLUENT (7) | 5 DAY | - | UENT | GALDAY SALLOY X 1000 | TED SLI | | DISSOLVED OXYGEN (mg/L) | | MLVSS (mg/L) X 1000 | - | GE ME | | RAW Ø | SOLIDS THE | HANDLI SONOS | IAULED | WTHDRAWN GALLONS X 1000 | EN NH3-N (mg/L) | FECAL COUFORU P |
|--|---------------------------|-------------------------|--|--|---------------------------|-------------------------|--|---------------|---------------------------------------|---------------------------------------|----------------|--|--------------------|-----------|---------------------|----------------|----------------------|---------------|----------------|--------------------------|--------------------|---------------------|------------------------|----------|----------------|---------------|-----------------------|--------------|----------------------|--------------------------------|-----------------|----------------------------------|
| MOJ GANOWAR LINE 6.91 9.95 7.11 6.08 6.76 6.745 6.52 0.5.78 1.5.42 2.5.23 3.5.12 4.4.73 5.4.78 6.5.24 7.5.13 8.4.36 9.4.50 | آ ه | | 6.7 6.7 6.8 7.0 7.1 6.9 6.8 6.7 6.7 6.8 | 7.1 7.5 7.2 7.1 7.0 7.1 | 5.0 20.0 18.0 | | - · · · · | ABOVE | 0 0 0 FINAL EFFLUENT | BELOW | 96 98 99 | PRIMARY EFFLUENT | FINAL EFFLUENT | RAW 23 | PRIMARY EFFLUENT | FINAL EFFLUENT | GALDAY 33 X 1000 | ÌRN | WAST ED | ISSOLVED XYGEN (mg/L) | | | SETTE SLUD VOLUI | GE ME | | RAW Ø | | 1- | IAULED | | NH3-N (mg/L) | FECAL COUFORU (COLOMES/100AL) |
| 6.91 9.95 7.11 6.08 6.76 6.76 7.45 6.52 0.5.78 1.5.42 2.5.23 3.5.12 4.4.73 5.4.78 3.5.24 7.5.13 3.4.36 9.4.50 | GRIT REMOVED (CUBIC FEET) | SCREENINGS (CUBIC FEET) | 6.7 6.8 7.0 7.1 6.9 6.8 6.7 6.7 | 6.6 6.8 7.1 7.5 7.2 7.1 7.0 7.1 | 5.0 20.0 18.0 | PRIMARY | FINAL EFFLUENT | STREAM ABOVE | 10 10 10 10 | STREAM BELOW | 35 36 | | TeNJE 4 | 23 | | | GAL/DAY X 1000 | | | ISSOLVED XYGEN (mg/L) | LSS (mg/L) 1000 | .VSS (mg/L) 1000 | SLUDA VOLUI | GE ME | | Ø | 54 VOLATILE SOLEDS | | | | | |
| 6.91 9.95 7.11 6.08 6.76 6.76 7.45 6.52 0.5.78 1.5.42 2.5.23 3.5.12 4.4.73 5.4.78 3.5.24 7.5.13 3.4.36 9.4.50 | GRIT REM (CUBIC FE | SCREENIN (CUBIC FE | 6.7 6.8 7.0 7.1 6.9 6.8 6.7 6.7 | 6.6 6.8 7.1 7.5 7.2 7.1 7.0 7.1 | 5.0 20.0 18.0 | PRIMARY | FINAL EFFI | STREAM A | 10 10 10 10 | STREAM BI | 35 36 | | TeNJE 4 | 23 | | | | MLSS ×1000 | AL/DAY 1000 | ISSOLVEC XYGEN (r | 1990 1990 | VSS (mg/ | NIN. | MIN. | ALLONS 1000 | % DRY SOLIDS | 5 VOLATILE SOLIDS | % DRY SOUDS | % VOLATILE SOLIDS | WITHDRAWN GALLONS K 1000 | | |
| 9.95 7.11 6.08 6.76 6.76 7.45 6.52 0.5.78 1.5.42 2.5.23 3.5.12 4.4.73 5.4.78 3.5.24 7.5.13 3.4.36 9.4.50 | | | 6.7 6.8 7.0 7.1 6.9 6.8 6.7 6.7 6.8 | 6.8 6.8 7.1 7.5 7.2 7.1 7.0 7.1 | 5.0 20.0 18.0 | | | | 10 10 10 | | 35 36 | | ~ | 23 | | | | | | □ 0 | 2 × | ≅×I | ଛା | 였 | | | N (7) | -2- | 38.50 | 20X | | |
| 7.11 6.08 6.76 6.76 7.45 6.52 0 5.78 1 5.42 2 5.23 3 5.12 4 4.73 5 4.78 3 5.24 7 5.13 8 4.36 9 4.50 | | | 6.8 7.0 7.1 6.9 6.8 6.7 6.7 6.8 | 6.8 7.1 7.5 7.2 7.1 7.0 7.1 | 20.0 | | | | 10 10 | | | _ | ~ | 30 | | . ~ | 3506 | 4770 | 60 | 3.4 | 2840 | 1810 | 440 | 340 | V | | l | - 1 | | | | |
| 6.08 6.76 6.76 7.45 6.52 0 5.78 1 5.42 2 5.23 3 5.12 4 4.73 5 4.78 3 5.24 7 5.13 8 4.36 9 4.50 | | | 7.0 7.1 6.9 6.8 6.7 6.7 6.8 | 7.1 7.5 7.2 7.1 7.0 7.1 | 18.0 | | | | 10 | | 64 | | | | | 2 | 3515 | 6840 | 60 | 4.1 | 2660 | 2240 | 390 | 300 | | | | | | | 0.06 | 4 |
| 6.76 6.49 6.76 7.45 6.52 0.5.78 1.5.42 2.5.23 3.5.12 4.4.73 5.4.78 3.5.24 7.5.13 3.4.36 9.4.50 | | | 7.1 6.9 6.8 6.7 6.7 6.8 | 7.5 7.2 7.1 7.0 7.1 | | | | | | | | | 2 | 51 | | 2 | 2978 | 6020 | 60 | 3.2 | 2978 | 2430 | 390 | 280 | | | | \neg | | | 0.06 | 4 |
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| 6.52 0 5.78 1 5.42 2 5.23 3 5.12 4 4.73 5 4.78 3 5.24 7 5.13 3 4.36 9 4.50 | | | 6.7 6.8 | 7.1 | 46.5 | 1 | | | 10 | | | | | | | | 3494 | 5910 | 72 | 2.8 | 2990 | 2460 | 600 | 330 | | | | 1 | | | | |
| 0 5.78 1 5.42 2 5.23 3 5.12 4 4.73 5 4.78 3 5.24 7 5.13 3 4.36 9 4.50 | | | 6.8 | | 40.0 | | | ļ | 11 | | 107 | | 2 | 64 | | 2 | 3154 | 5240 | 73 | 3.5 | 2860 | 2310 | 460 | 310 | | | | | | | 0.06 | 10 |
| 1 5.42 2 5.23 3 5.12 4 4.73 5 4.78 3 5.24 7 5.13 3 4.36 9 4.50 | | | | 70 | 10.0 | | | ļ | 11 | | - 69 | | 2 | 44 | | 2 | 3456 | 6580 | 70 | 3.7 | 2650 | 2080 | 450 | 300 | | | | | | | 0.06 | 4 |
| 2 5.23 3 5.12 4 4.73 5 4.78 3 5.24 7 5.13 3 4.36 9 4.50 | | | 7.1 | 7.0 | 14.0 | | <u> </u> | | 11 | | 94 | | 2 | 71 | | 2 | 3619 | 6240 | 73 | 4.2 | 2620 | 2010 | 410 | 300 | | | | | | | 0.06 | 4 |
| 3 5.12 4 4.73 5 4.78 6 5.24 7 5.13 3 4.36 9 4.50 | | | | 7.2 | 9.0 | | <u> </u> | ļ | 10 | | | | | | | | 3546 | 4020 | 58 | 3,8 | 2640 | 2340 | 420 | 310 | | | | | | | 1 | |
| 4 4.73 5 4.78 6 5.24 7 5.13 8 4.36 9 4.50 | | | 7.0 | 7.1 | | <u> </u> | | <u> </u> | 10 | <u> </u> | | | | | | | 3558 | | 72 | 4.6 | | | 420 | 310 | | | | | | | | |
| 5 4.78 6 5.24 7 5.13 3 4.36 9 4.50 | | | 6.8 | 7.1 | | | | | 10 | | | | | | | | 3437 | | 74 | 3.8 | | | 410 | 310 | | | | | | | | |
| 5.24 7 5.13 3 4.36 9 4.50 | | | 7.0 | 7.2 | | | <u> </u> | ļ | 10 | | | | | . ,,. | | | 3512 | ·4120 | 63 | 3.3 | 2780 | 2220 | 400 | 310 | | | | | | | | |
| 7 5.13 3 4.36 9 4.50 | _ | | 6,9 | 6.9 | | | <u> </u> | | 10 | | 141 | | 2 | 81 | | 2 | 3643 | 4060 | 60 | 3,2 | 2520 | 2180 | 400 | 300 | | | | | | | 0,06 | .4 |
| 3 4.36 9 4.50 | | ~ | 7.1 | 7.1 | 6.0 | | | - | 10 | | 192 | | 2 | 89 | - | 2 | 3615 | 3000 | 71 | 3.4 | 2830 | 2270 | 420 | 300 | | | | | | | 0.06 | 4 |
| 9 4.50 | | | 6.8 | 6.8 | 9.0 | | | | 10 | | 116 | | 2 | 66 | | 2 | 2532 | 6970 | 71 | 3.1 | 2810 | 2500 | 410 | 320 | | | | | | | 0.06 | 4 |
| | | | 6.9 | 6,9 | 9.0 | | | | 10 | | | | | | | | 1925 | 5840 | 64 | 2.8 | 2590 | 2000 | 390 | 300 | | | | | | | | |
| 1 4.69 | | | 7.0 | 6.8 | 5.0 | | | | 10 | | | | | | - | ŀ | 2092 | 4060 | 65 | 2.5 | 2940 | 2400 | 400 | 310 | | | | | | | | |
| 1 4.68 | | - | 6.8 | 6.7 6.8 | 1.0 | | | | 9 | | _ | | | | | | 2092 | 5720 | 65 | 2.4 | 2600 | 2190 | 370 | 290 | | | | | | | | |
| 2 5.06 | | | 6.7 | 6.8 | | | | - | 9 10 | | 400 | | | | | | 2116 | 4530 | 75 | 2.7 | 2930 | 2390 | 400 | 310 | | | | | | | | |
| 3 4.60 | | | 6.8 | 6.9 | 5,0 | | - | <u> </u> | 11 | - | 122 132 | | 2 | 76 | | 2 | 2108 | 4520 | 55 | 3.0 | 2760 | 2220 | 380 | 300 | | - | | | | | 0.06 | 4 |
| 5.97 | | - | 6.8 | 7.0 | 8.0 | | - | _ | 10 | | 67 | | | 80 58 | _ | 2 | 2126 | 5750 | 55 | 3.2 | 2600 | 2100 | 360 | 300 | _ | - | \dashv | | | | 0.06 | 4 |
| 5 18.54 | | | 6,9 | 7.0 | 20.0 | | | | 11 | | 61 | | 6 | 58 | | 2 | 2104 | 5140 | 50 | . 2.8 | 2640 | 2104 | 370 | 300 | _ | | | | | | 1.70 | 10 |
| 10.68 | $\overline{}$ | | 6.9 | 7.2 | 20.0 | | | | 11 | | | | - | | | | 2146 | 3250 4460 | 56 | 6.0 | 1730 | 1470 | 210 | 150 | | - | | | | | | |
| 9.23 | | | 6.8 | 7.1 | | | | | 11 | | | | | | - | - | 3743 3886 | 4460 | 40 | 2.7 | 1930 | 1550 | 260 | 210 | | | | | | | | |
| 3 16.47 | $\overline{}$ | | 6.8 | 6.9 | | | | | 11 | | | | | | | | 3571 | 6040 | 52 61 | | 2920 | 2000 | 460 | 330 | - | - | | | | | | |
| 9 | | | | | | | | | | l | | | | | | | 33/ | 0040 | 61 | 5.8 | 2660 | 2060 | 300 | 270 | | \dashv | | | | | \dashv | |
| | | | | | | | | | _ | | | | | | | | | | | ··· | | | -+ | - | - | | | | | | | \rightarrow |
| 1 | | | | | | | \vdash | | | | - | | | | | | | | | | | | | | - | - | | | | | | \longrightarrow |
| 194.24 | $\neg \neg$ | | ` ''' | | | | | 1 | | | | | | * | | | 85721 | | | | | | | _ | + | - | | -+ | | | + | \longrightarrow |
| 6.94 | | | 6.9 | 7.0 | 9,9 | | — | | 10.3 | | 98 | | 3 | 61 | | 9 | 3061.46 | 5164 | 62,68 | 3 522 | 2684 | 2162 | 396.8 | 205.4 | | - | | | | | 0.38 | |
| . | | · · · · | | | | RESID | ENTIA | L | | · · · · · · · · · · · · · · · · · · · | | | | | WASTE | E POPL | LATION E | | | ٥,٥٤٤ | 2004 | _£102] | 530.0 | Z33.71 | | | | | | L | 0,38] | 5 |

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|-----------------------|-------------|-----|-------|-------|---|---|-----------|-----------------|------------------------|----------|------------------------|-----------|
| | | | COMM | | L | | | 66068 | 20788 | 26976 | Joseph Shaun Smith | 20987 |
| | | | INDUS | TRIAL | | | | FLOW | CBOD | TSS | OPERATOR | CERT, NO. |
| TOTAL NUMBER OF SEWER | R CONNECTIO | ONS | | | | | 0 | | | | 502-239-76 | 95 |
| SEWER CONNECTIONS | 0 | _ X | 4 | = . | | 0 | SEWERED P | OPULATION | | | PLANT TELEPHO | NF |





February 28, 2011

Mr. Charlie Roth, District Supervisor KY Division of Water Louisville Regional Office 9116 Leesgate Road Louisville, KY 40222-5084

Re: Bypass Report for the Cedar Creek WQTC - KPDES Permit KY0098540

Dear Mr. Roth:

This plant experienced a bypass event and has been reported through our electronic notification system at approximately 01:00 PM on February 25, 2011, referencing Work Order 1211607 as a Rain Event discharge. This letter serves as a written report of the bypass as required by 401 KAR 5:065.

Provided below are the details of the bypass event:

- Description of the noncompliance and its cause: On February 25, 2011, due to increased plant flow caused by a storm event, the sand filters overflowed, resulting in a wet weather discharge to the waters of the U.S. of approximately 500 gallons. The sand filter automatic relief gate did not open far enough to prevent bypass. The design flow is 7.5 MGD. Peak flow during this bypass was 21.39 MGD. Total daily plant flow was 18.54 MGD.
- Period of noncompliance: Starting 02:00 AM on February 25, 2011 and stopping 03:30 AM on February 25, 2011.
- Steps taken or planned to reduce, eliminate and prevent recurrence: We will reprogram the sand filter automatic relief gate to process more flow.

Please advise if you have any questions concerning this information. You can contact me on my office telephone at (502)-239-7574, my cell phone at (502)-396-9142 or via email at wrightd@msdlouky.org.

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Duane V. Wright

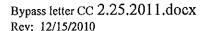
Process Supervisor-Operations

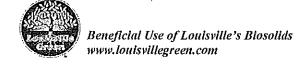
cc:

Gary Levy, KDEP

Paula Purifoy, Wes Sydnor, Kevin Ries, Robert Bates - MSD

eB File







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

KPDES # KY0098540 Facility ID MSD0289

Water Quality Treatement Center CEDAR CREEK

Receiving Stream of Treatment Center CEDAR CREEK

Region CENT

Facility Type

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SMH Sewer Manhole

88391

9816 WILLIAMSBOROUGH LN

CEDAR CREEK

GROUND

Activity Code / Description

DISDW: DRY WEATHER DISCHARGE

WO# Initiated 1208160 02/17/11 10:30 AM

Initiated By GITTINGS

Assigned To GITTINGS

Disch Status REPAIRED -IS\$UE

RESOLVED

Event Date Problem 02/17/11

OBSTRUCTION-NOT GREASE / ROOTS

Result UNAUTHORIZED DISCHAGE -

Completed Condition 02/17/11 01:52 MAIN

PM

WATERS

Spot inspections:

| Discharge Amount: | 500 GAL |
|-------------------|--|
| Cause; | OBSTUCTION IN MAIN SEWER |
| Clean Up: | DAMMED DOWNSTREAM CULVERT AND SET VACTOR TO PREVENT FURTHER IMPACTS, THEN FLUSHED AND WASHED AREA. CLEANED AND SANITIZED THE IMPACTED AREA. |
| Control Zone: | PLACED TEMPORARY DISCHARGE SIGNS AROUND THE IMPACTED AREA; PLACED ADDITIONAL SIGNS BEHIND NEIGHBORHOOD AND CHURCH. |
| Impact | SEWAGE, PAPER, WATER AND HYGENE PRODUCTS DISCHARGED FROM MANHOLE #88391 INTO THE CREEK CAUSING DISCOLORATION TO THE STREAM |
| Repair: | WORK ORDERS 1208168 AND 1208171 - ROOT CUT AND SLUSHED THE MAIN SEWER |

Notifications:

| 02/17/11 10:30 AM | DISPUB | ADVISED CUSTOMERS BY DOOR CARD; ADVISED CHURCH OFFICE VERBALLY. |
|-------------------|--------|---|
| 02/17/11 02:56 PM | DISNOT | Manual email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA,Jeffries@ky.gov |
| 02/17/11 01:00 PM | DISNOT | Ernail notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |



| PDES # Y0098540 | Facil MSD | ity ID 0289 | | | Quality Treater R CREEK | nent Center | | eceiving Stream of EDAR CREEK | Treatment Center | Region CENT | | |
|---|---|------------------------------|------------|--|--|--|--|--|---|--|--------------------------|--|
| acility Type PL Sewer Treatment Plant | Facility ID MSD0289 | | | Facility Address 8605 CEDAR CREEK RD | | lf Pump | Station, Name o | f Pump Station: | Receiving Stream CEDAR CREEK | Discha GROUI | • | |
| ctivity Code / Description ISREV: RAIN EVENT ISCHARGE | | <u>Initiated</u> 02/25/11 | 02:00 AM | <u>Initiated By</u> ELDER | Assigned To WRIGHT | Disch Status REPAIRED - ISSUE RESOLVED | <u>Event Date</u> 02/25/11 | Problem BYPASS AT WQTC | Result UNAUTHORIZED DISCHAGE - WATERS | <u>Completed</u> 02/25/11 03:30 AM | Condition | |
| Spot Inspections: | | | | | | | | | | | | |
| Discharge Amou | ınt | ACCOMPANY TO LANGUAGE | 500 GAL | Official Adaption of the first and the second of the secon | الانتخاصان المراكز والمراكز وا | h (CR) with 1 distributed The play will play to each make play in grand grand, made | والمساورة المساورة المراجعة والمساورة والمساورة والمساورة والمساورة والمساورة والمساورة والمساورة والمساورة وا | ran (Marie Partial Partie Partie Partie Maria y a ghendra agust bendra She ta Cantala na gama be | و بستان و مستود می در | ф ^{индо} ция поможно в населения поможно заду <u>ва</u> ф | mineroariyeumen | |
| Cause: | | | HEAVY RAIN | IS IN AREA OVER | WHELMED THE SA | ND FILTER | namakalahung penangua pama menganggapan pama na maganggapan pama na maganggapan panggapan panggapan panggapan | 66/ о текня выполня в территите в поднительного полице в доступент в поднительного в поднительного в поднитель | 49-и А. т. А. т. А. т. А. т. А. т. А. т. | ati de distribution de la companie de la compa | W/WithWWw.advelige. | |
| Clean Up: | | Tentane Succession | NONE, WAT | ER FLOWED OUT | INTO ROAD & WAS | WASHED AWAY | BY RAIN | hirital gajajaman kahajiji kaja kalifikalaya kali-ajajih hogi, kalib arang enger gajaran 1904 bitti escera | COMMUNICATION (N.C. COMMINISTER) of National Antiferror Property Property I Engineer as all | adeli is label diselle el l'estète i l'imber e démonsée (vene emmy ée paraise | Metamenturius (Manage) | |
| Control Zone; | | 1 | TEMPORAR' | Y SIGNS POSTED | Million after the Edward of the Section - Sect | | THE REAL PROPERTY OF THE PROPE | - All All Park Section 1998 and All Park Section 1998 All Park Section 1998 All Park Section 1994, admit 64 a | nemen van een een een een een een van de van de van de van de beske de van de van de van de van de van de van d | | - | |
| Impact | and the terminal Education State (September 1979) | | SEWAGE OF | SERVED | en meteoren er mere hann et 18 entre kalter (18 ent 1900) en 18 en 1900 in 1900 in 1900 in 1900 in 1900 in 190 | ELI Minde elektrikaj (ormodovo), kira proj hisporpor pet estra ELIVA EST. I EL Elektric | n Andrewski og endelettelik i plynome fra proportionski statistica (1944 e del | g top of the long to the Colonia Colonia (the Colonia Colonia) of the Colonia colonia (the Colonia | e Bilder (1904 Bilder) ersterfijde alder (de likytykussy filosopy filosofy velky soot val die erste filosofy d | and development and defined from Chine and Chine and Chine and Level and the September and Chine | | |
| Repair | | | SITE FOUND | DURING RAIN E | VENT RECON- WIL | L MONITOR & EVAI | UATE FOR REP | AIR | - | ~~~ | | |
| Notifications: | | | | | | | LOATE FOR REI | AIN | | | | |
| 02/25/11 01:00 AM | DIS | SNOT | Email not | ification of unautho | orized discharge sen | t to ireland.sean@ep | a.gov, eppc.ert@ | ky.gov and LisaA.Jeffries | @ky.gov | ger agenya vega jeng (jenemen salestina) A Matta, side a aggingsip ya mgaba | | |
| 02/25/11 02:00 AM | DIS | SPUB | temporar | signs posted | i or i i madrima padiminga managamanga jaya ganagam managan na aga managanga paga aga na anaganga na anagangan | Procedure States Control States of Approximately and approximately and appropriately and approximately and approximately and approximately and approximately and approximately approximately and approximately appro | Martines () bi Martiel Search destables or dreig the or far an energy black | i kanadanan kana kana i na samadan sasanan sandan perjambih panagain da da makan panagain sa da makan sa makan | | - | phalytique of columnians | |

Total Facilities Printed: 2 Total Work Orders Printed: 4