

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

December 20, 2011

Ms. Cheryl Edwards Kentucky Division of Water 200 Fair Oaks Lane Frankfort, Kentucky 40601

RE:

Derek Guthrie WQTC, KPDES No: KY0078956

Discharge Monitoring Report

November 2011

Dear Ms. Cheryl Edwards:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Derek Guthrie WQTC, for the month of November 2011.

There were no exceedences or bypasses reports during the month of November for the Derek Guthrie WQTC.

Also included are the overflow reports for the month of November.

Also, please note that due to our wet weather expansion project, our 24 hr Influent flows have been estimated. This is due to the upgrade to the SCADA system and PLC programming. Operators are recording Influent flows every morning at as close to the same time as possible. This trend is likely to continue until construction is complete.

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

Sincerely,

John Kessel

Process Supervisor, West Region

JMK/West County 1111

Enclosures

cc: C. Roth



PERMITTEE NAME/ADDRESS (Include

Facility Name/Location If different)

NAME DEREK R. GUTHRIE WOTC MSD ADDRESS C/O CEDAR CREEK WQTC 4522 ALGONQUIN PKWY LOUISVILLE KY 40211 FACILITY DEREK R. GUTHRIE WQTC

LOCATION LOUISVILLE KY 40272 ATTN: DENNIS THOMASSON SR METRO OPS

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

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11 01

MONITORING PERIOD

TO

KY0078956 PERMIT NUMBER

YEAR

FROM 11

0012 DISCHARGE NUMBER

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11

DAY

30

YEAR

11

MAJOR (SUBR LV)

F-FINAL JEFFE MUNICIPAL WASTEWATER

EFFLUENT [] No Discharge

| ATTN: DENNIS THOMASSON | SR. METRO OPS | <u> </u> | | | | NO | OTE: Read instructi | ons before | e com | pleting this | s form |
|--|---|--------------------------------|--|-------------------------|--|--|---------------------|------------|---------------|---------------------------------------|----------------|
| PARAMETER | | | QUANTITY OR LOADING | • | QUALI | TY OR CONCENTRATIO | N | | NO EX | FREQUENCY | SAMPLE TYPE |
| · | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | . MAXIMUM | UNITS | EX | ANALYSIS | ITPE |
| OXYGEN, DISSOLVED | SAMPLE | | | *** | 7 | | | (19) | 0 | 01/01 | GR |
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| BOD, 5-DAY | SAMPLE | 3189 | 4498 | (26) | | 9 | 11 | (19) | n | 01/01 | CP |
| (20 DEG. C) | MEASUREMENT | | | LBS/DY | | _ | '' | MG/L | | """ | <u> </u> |
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| EFFLUENT GROSS VALUE | MEASUREMENT | MO AVG | MX WK AV | LBS/DY | 20 A 25 B B 2 BU | MO AVG | MX WK AV | MG/L | | 50.000 60.00 | |
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| SOLIDS, TOTAL | SAMPLE | 70626 | 86443 | (26) | | 219 | 260 | (19) | 0 | 01/01 | CP |
| SUSPENDED | MEASUREMENT | | | LBS/DY | | | | MG/L | | | |
| 00530 G 0 0 | PERMIT | REPORT | REPORT | (26) | **** | REPORT | REPORT | (19) | | DAILY | COMPOS |
| RAW SEW/INFLUENT | MEASUREMENT | MO AVG | MX WK AV | LBS/DY | a Section in the second standard | MO AVG | MXWKAV | MG/L | 2402 | | |
| SOLIDS, TOTAL | SAMPLE | 2668 | 3779 | (26) | | 7 | 8 | (19) | 0 | 01/01 | CP |
| SUSPENDED | MEASUREMENT | | | LBS/DY | | | | MG/L | | | |
| 00530 1 0 1 | PERMIT | 7506 | 11259 | (26) | **** | 30 | 45 | (19) | Resident | DAILY | COMPOS |
| EFFLUENT GROSS VALUE | MEASUREMENT | MO AVG | MX WK AV | LBS/DY | Programme and the second secon | MO AVG | MX WK AV | MG/L | | | |
| NITROGEN, AMMONIA | SAMPLE | 4168 | 4303 | (26) | | 13 | 19 | (19) | O | 01/01 | ĊP |
| TOTAL (AS N) | MEASUREMENT | | | LBS/DY | | | | MG/L | | • • . |] - |
| 00610 G 0 0 | PERMIT | REPORT | REPORT | (26) | ***** | REPORT | REPORT | (19) | | DAILY | COMPOS |
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| EXECUTIVE DIRECTOR | AND IMPRISONMENT, SEE and/or maximum imprisonme | 18 U.S.C 1001 AND 33 U.S.C | C 1319. (Penalties under these | statutes may include fi | nes up to \$10,000 | | 502 | 540-60 | | | |
| TYPED OR PRINTED | | | , yours. | | SIGNAT | URE OF PRINCIPAL E | EXECUTIVE AREA | NUMBER | | 11 16 | |
| COMMENT AND EXPLANTION OF ANY VIOLATIONS | Reference all attachme | ents here) | | | OF FIL | FK OK AUTHORIZEL | AGENT CODE | l | | YEAR M | DAY C |

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

Facility Name/Location If different)

NAME DEREK R. GUTHRIE WQTC MSD ADDRESS C/O CEDAR CREEK WQTC

4522 ALGONQUIN PKWY LOUISVILLE KY 40211

FACILITY DEREK R. GUTHRIE WQTC

LOCATION LOUISVILLE

KY 40272

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

01

MONITORING PERIOD

TO

KY0078956 PERMIT NUMBER

11

FROM

YEAR MO DAY

11

0012 DISCHARGE NUMBER

DAY

30

MO

11

YEAR

11

MAJOR

(SUBR LV)-F - FINAL MUNICIPAL WASTEWATER

EFFLUENT

[] No Discharge

JEFFE

| ATTN: DENNIS THOMASSON | Y 4UZ/Z | | FROM 11 | 11 01 |] το [| 11 | 11 30 | [] No Dischar | | | | |
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| | SR. METRO OPS | <u> </u> | ······································ | | | | NO. | TE: Read instruc | tions befor | e com | pleting this | form |
| PARAMETER | | | QUANTITY OR LOADING | i | | QUALE | TY OR CONCENTRATION | | | NO | PREQUENCY | SAMPLE |
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| NITTOOTH AND ON | | AVERAGE | MAXIMUM | UNITS | UMIMIM | IM. | AVERAGE | MAXIMUM | UNITS | | ANALYSIS | |
| NITROGEN, AMMONIA | SAMPLE | 2048 | 2916 | (26) | - | | 6 | 7 | (19) | 0 | 01/01 | CP |
| TOTAL (AS N) | MEASUREMENT | | | LBS/DY | | | | | MG/L | _ | | • • |
| 00610 1 0 1 | PERMIT | 3253 | 4879 | (26) | **** | * | 20 | 30 | (19) | | DAILY | COMP |
| EFFLUENT GROSS VALUE | MEASUREMENT | MO AVG | MX WK AV | LBS/DY | (6) (5) (5) (6) | | MO AVG | MX WK AV | MG/L | | | |
| NITROGEN, KJELDAHL | SAMPLE | 4207 | 5486 | (26) | | | 9 | 12 | (19) | 0 | 01/07 | CP |
| TOTAL (AS N) | MEASUREMENT | | | LBS/DY | | | | · - | MG/L | | 0,,01 | O , |
| 00625 1 0 1 | PERMIT | REPORT | REPORT | (26) | **** | * | REPORT | REPORT | (19) | \$2.760.20 | WEEKLY | COMP |
| EFFLUENT GROSS VALUE | MEASUREMENT | MO AVG | MX WK AVG | LBS/DY | , 100 mg (100 mg) | 1002105016 | MO AVG | MX WK AV | MG/L | | | |
| PHOSPHORUS, TOTAL | SAMPLE | 366 | 485 | (26) | | | 1,0 | 2.0 | (19) | 0 | 01/07 | C₽ |
| (AS P) | MEASUREMENT | | | LBS/DY | | İ | ••- | | MG/L | ľ | 0.,0, | O. |
| 00665 1 0 1 | PERMIT | REPORT | REPORT | (26) | **** | * | REPORT | REPORT | (19) | 27.35 | WEEKLY | COMP |
| EFFLUENT GROSS VALUE | MEASUREMENT | MO AVG | MX WK AVG | LBS/DY | A CONTRACTOR OF THE PROPERTY O | | MO AVG | MX WK AV | MG/L | 5748 (1) 1473 | | |
| FLOW, IN CONDUIT OR | SAMPLE | 33.82 | 78.40 | (03) | | | | | *** | 0 | CN | CN |
| THRU TREATMENT PLANT | MEASUREMENT | | | ŇGĎ | | | | | *** | Ĭ | | 0,1 |
| 50050 G 0 0 | PERMIT | REPORT | REPORT | (03) | **** | *TIAGRACIA DES | ***** | ***** | *** | | CONTIN | CONTIN |
| RAW SEW/INFLUENT | MEASUREMENT | MO AVG | Daily MAX | ŇGĎ | April 1 | | | | *** | | UOUS | CONTIN |
| FLOW, IN CONDUIT OR | SAMPLE | 44.89 | 88.19 | (03) | | | | and the second s | *** | 0 | CN | CN |
| THRU TREATMENT PLANT | MEASUREMENT | | | MGÓ | | I | | | *** | | 0.1 | , |
| 50050 1 0 0 | PERMIT | REPORT | REPORT | (03) | **** | k yayyati (basa | ***** | **** | *** | | CONTIN | CONTIN |
| EFFLUENT GROSS VALUE | MEASUREMENT | MO AVG | Daily MAX | ŇGÓ | | 0.40 | | | *** | | UOUS | CONTIN |
| CHLORINE, TOTAL | SAMPLE | | | *** | | | <0.010 | <0.010 | (19) | 0 | 01/01 | GR |
| RESIDUAL | MEASUREMENT | | | *** | | | 10.010 | 40.010 | MG/L | U | 01/01 | GR |
| 50060 1 0 0 | PERMIT | ***** | ***** | *** | *** | * a ricego / su estr | **** | 0.019 | (19) | 7500000000 | DAILY | GRAB |
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| COLIFORM, FECAL | SAMPLE | | | *** | 11.5-10.5 (Merchall Collaboration State Service) | s - 423486-24-24252-44 | 2 | 3 | (13) | 0 | 01/01 | GR |
| GENERAL | MEASUREMENT | | | *** | | ł | ~ | 3 | 100ML | U | 01/01 | GR |
| 74055 1 0 0 | PERMIT | ***** | | *** | **** | *************************** | 200 | 400 | (13) | 671/30/m3/53/28 | Start Attended | |
| EFFLUENT GROSS VALUE | MEASUREMENT | | Market Market | *** | n or old 130 value | ja Ziti | 30DA GEO | 7 DA GEO | 100ML | 0.000 | DAILY | GRAB |
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| EXECUTIVE DIRECTOR | AND IMPRISONMENT. SEE | 18 U.S.C 1001 AND 33 U.S.C | 2 1319. (Penalties under these s | | | ZZ- | XX XX | 502 | 540-60 | 100 l | | |
| TYPED OR PRINTED | and/or maximum imprisonme | nt of between 6 months and 5 | years. | , , , , , , , | | | RE OF PRINCIPALE | CECUTIVE AREA | NUMBER | | 11 12 | 23 |
| COMMENT AND EXPLANTION OF ANY VIOLATIONS | (Peferance all attaches | | | | | OFFIC | R OR AUTHORIZED | AGENT CODE | | | YEAR MO | ~] |
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USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

PERMITTEE NAME/ADDRESS (Include

FACILITY

Facility Name/Location if different) NAME DEREK R. GUTHRIE WQTC MSD C/O CEDAR CREEK WQTC **ADDRESS** 4522 ALGONQUIN PKWY LOUISVILLE KY 40211

DEREK R. GUTHRIE WQTC

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

| KY0078956 | _ |
|---------------|---|
| PERMIT NUMBER | _ |

001 2 DISCHARGE NUMBER

MAJOR (SUBR LV)

F-FINAL **JEFFE** MUNICIPAL WASTEWATER

EFFLUENT [] No Discharge

MONITORING PERIOD YEAR MO DAY YEAR MO DAY 01 FROM 11 11 11 TO 11 30

LOCATION LOUISVILLE KY 40272 ATTN: DENNIS THOMASSON SR. METRO OPS NOTE: Read instructions before completing this form

| PARAMETER | QUANTITY OR LOADING | | | | QUAL | QUALITY OR CONCENTRATION | | | | | | | | | |
|--|--|--|--|---------------------|--|--|--------------------------------|-----------------|-------------|-----------------------|--|--|--|--|--|
| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | EX | OF ANALYSIS | . TYPE | | | | |
| BOD, 5-DAY PERCENT | SAMPLE | | | *** | 95 | | | (23) | 0 | 01/30 | CA | | | | |
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| SOLIDS, SUSPENDED | SAMPLE | | | *** | 97 | | | (23) | 0 | 01/30 | CA | | | | |
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COMMENT AND EXPLANTION 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)

DEREK R. GUTHRIE WQTC MSD NAME ADDRESS C/O CEDAR CREEK WQTC 4522 ALGONQUIN PKWY LOUISVILLE KY 40211

DEREK R. GUTHRIE WQTC FACILITY

LOCATION LOUISVILLE ATTN: DENNIS THOMASSON

KY 40272

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

MO DAY

11 01

MONITORING PERIOD

TO

| KY0078956 |
|---------------|
| PERMIT NUMBER |

YEAR

11

FROM

001 R DISCHARGE NUMBER

МО

11

DAY

30

YEAR

11

MAJOR (SUBR LV)

F~FINAL

REASONABLE POTENTIAL **EFFLUENT**

-[] No Discharge

JEFFE

| ATTN: DENNIS THOMASSON | SR. METRO OPS | · | | | | NC | TE: Read instructi | ons before | com | pleting this | form |
|---|---------------------------|---|---|---|--|---------------------|--------------------|------------------|----------|-----------------|-------------------------------------|
| PARAMETER | | | QUANTITY OR LOADING | | QUALI | TY OR CONCENTRATION | N | | NO EX | FREQUENCY OF | SAMPLE TYPE |
| | / ∕ ∖ [| AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE - | MAXIMUM | צדומט | | ANALYSIS | |
| CHROMIUM ,HEXAVALENT (AS CR) | SAMPLE MEASUREMENT | | | *** | | 0.01. | 0.01 | (19) MG/L | 0 | 01/30 | CP |
| 01032 1 0 0 EFFLUENT GROSS VALUE | PERMIT MEASUREMENT | And of the second second | ***** | *** | **** | REPORT MO AVG | REPORT DAILY MX | (19) MG/L | | 01/30 MONTH | CP |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
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| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | I CERTIFY UNDER PENALT | YFO LAWTHAT I HAVE PER | SONALLY EXAMINED AMD AM | FAMILIAR WITH T | HE INFORMATION | $\overline{}$ | TE | EPHONE | | DA | ΓE |
| H J SCHARDEIN EXECUTIVE DIRECTOR | IAND IMPRISONMENT. SEE | SASED ON MY INQUIRY OF I SEVE THE SUBMITTED INFOR PENALTIES FRO SUBMITTING 18 U.S.C 1001 AND 33 U.S.C Int of between 6 months and 5 | SONALLY EXAMINED AMD AM HOSE INDIVIDALS IMMEDIATE MATION IS TRUE, ACCURATE G FALSE INFORMATION, INCLUSTATE, (Ponalities under these syears, | ET RESPONSIBLE AND COMPLETE JOING THE POSSI latules may include | SIGNAT | URE OF PRINCIPAL E | | 540-60 NUMBEI | | 11 13 | 2 23 |
| TYPED OR PRINTED | | | | | | ER OR AUTHORIZED | | | ···· | YEAR MO | DAY |
| COMMENT AND EXPLANTION OF ANY VIOLATION | IS (Reference all attachm | ents here) | | | • | • | | | | | |

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| Name | of Sowar | je Treatr | nont Pla | nt | | _ | | | West | County | /WTP | | | _ | | J | efforso | n | | M | lonth of: | | | | Nove | mber | | _ | 201 | <u></u> | | | | | | | |
| KPDE | S Pormit | Number: | | _ | | KY007 | 78956 | | | Plant C | apacity | | 3 | - 90 MGD | | County | | R | ecelving | Stream | n: | _ | | | | Ohio Riv | /or | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | Activated | | <u></u> | | | | | | | | | | | | | |
| | | | aw vaga | pl | 1 | | iettleabi lids (mL | | | ssolve gen (m | | | spended ds (mg/l | | Sol | Total ids (mg/ | L) | | y BOD 1g/L) | _ | Ret | Sludge um \ | NAS_ | | | | ration Jasin | | | Dig Sludge | | | Finai | | | | |
| | (SW) W | wed (cu. | js (cu. ft. | | | | (or Sec.) | | 97.0 | | Below | | (or Sec.) | | | or Sec.) | | | or Sec.) | | Са/Юау | mg/L | X 1000 | m9/L) | T-9/L) | 9/L) 8#2 | 119/L) 8#2 | Setts. | | | Si | \$ | Residual | (J.6) | form | * - | |
| Date | Total Flow | 27t Rem | Screenings | Rany | inal i | \æ% | himary (| inal | Stream A | -Frai | Yream B | ke# | himary (| | kav, | himary (| i. | Saw. | Yimary (| Tage | AESon G | ALSS mg < 1000 | Sal/Day) | ₽ 🕏 | Oxygen (mg/L) #2 | MLSS (mg/L) X1000 #18#2 | MLVSS (mg/L) X1000 #1 | 30 min. S | SVI | space % | Phosphorus (mg/L) | TKN (mg/L) | Chlorine (mg/L) | VH3-N (mg/L) | Fecal Colform Col/100ml | Hexavalent Chromhun | Hardness |
| 1 | | | v/ | 7.4 | | | | | 97 | 7.0 | | 224 | | 8 | | | | 153 | | 10 | - | 7530 | | J | 2.32-16 | 5340 | 3990 | 450.0 | 0.08 | | | | 0.01 | 12.00 | 1 | | |
| 2 | | | | 7,3 | 7.5 | | | | | 7.0 | | 252 | | 6 5 | | | | 187 188 | _ | 8 | | 6230 6980 | | - | ļ | 4490 4800 | 3360 3540 | 360.0 380.0 | 90,0 | | 2.10 | | 0,01 | 5,80 0.90 | 1 3 | | |
| 4 | 38.99 | | | 7.3 7.3 | 7,2 7,1 | | | | | 7.0 7.0 | | 250 188 | | 7 | | | | 193 | _ | | | 6800 | | | | 4240 | 3200 | | 0.09 | | - | - | 0.01 | | 1 | | |
| 5 | 32.15 | | | 7,3 | | | | | | 7.0 | | 262 | | 9 | | | | 338 | | 9 | | 4900 | | | | 3320 | 2590 | | 0.08 | | | | 0.01 | _ | 4 | | |
| 6 | 30.60 | | | 7.7 | | | | | | 7.0 | | 426 | | 6 | | | | 341 | | 7 | | 4580 | | | | 3370 | 2650 | 220.0 | 0.07 | | | 3.90 | 0.01 | | 1 | | |
| 8 | 27,68 28,56 | | | 7.4 | | | | | | 7.0 7.0 | | 220 208 | | - 6 5 | | | | 178 153 | _ | <u>8</u> 7 | | 4350 3810 | | _ | | 2460 2750 | 1830 2190 | 230,0 220.0 | 0.09 | | 0.96 | | 0.01 | | 1 | | 247 |
| 9 | 28.41 | | _ | 7.7 | | | | | | 7.0 | | 264 | - | <u>5</u> | | | | 210 | _ | 6 | | 4240 | | | | 3000 | 2480 | | 0.08 | | 0.80 | $\overline{}$ | 0.01 | | | 0.01 | |
| 10 | 27.38 | | | 7,8 | 7,5 | | | | | 7.0 | | 236 | | 7 | | | | 155 | | 10 | | 3140 | | ļ" | İ | 1770 | 1440 | | 90,0 | | | | 0.01 | | 14 | | |
| 11 | | | | 7,5 | 7,4 | | | | | 7.0 | | 314 | | 2 | | | | 219 | | 6 | | 3080 | | | | 2140 | 1750 | | 0.07 | | | | 0.01 | | 8 | | |
| 12 | 28,45 | | , | 7.9 | 7.5 | | | | | 7.0 | | 282 | | 6 | | | | 227 | | 8 | | 3300 4450 | | - | | 2050 1780 | 1560 1460 | | 0,07 | | | 9.90 | 0.01 | | 3 | | |
| 13 | 27.32 25.85 | | | 7.4 | 7,5 7,5 | | | | | 7,0 | | 230 254 | | | | | | 171 | | 6 | | 3630 | | | | 1800 | 1430 | | 0.08 | | | 9,80 | 0.01 | | 1 | | |
| 15 | | | | 7.5 | 7.2 | | | - | | 7.0 | | 204 | | 12 | | | | 128 | | 14 | | 2880 | | | 1 | 1320 | 1090 | 110,0 | 0.08 | | 0.82 | | 0,01 | | 7 | | |
| 18 | | | | 7,5 | 7.4 | | | | | 7.0 | | 128 | | 5 | | | | 69 | | 8 | | 3500 | | | | 1520 | 1180 | 100.0 | 0.07 | | | | 0.01 | | 2 | | |
| 17 | 51.04 | | ļ | 7,5 | 7,7 | | | | | 7,8 | *************************************** | 236 | | 11 | | | | 168 | ——— | 12 | | 2100 | | ļ | ↓ | 900 | 710 | | | | -⊦ | | 0.01 | | 1 | | |
| 18 | 39.58 36.83 | | | 7,4 7.5 | | | | | | 7,9 7,9 | | 132 184 | | 9 5 | | | - 1 | 335 218 | | 10 | | 2770 2500 | | | | 1370 | 1040 990 | 110.0 | 0.08 | | \rightarrow | | 0,01 | | 1 | | |
| 20 | 40.08 | | ····· | 7.5 | | - | | | | 7.0 | | 290 | | . 8 | | | | 176 | - - | 14 | | 3240 | | - | - | 1990 | 1820 | 150.0 | 0.08 | | | 12.00 | | | 2 | | \Box |
| 21 | 54,82 | - | 1 | 7.6 | | | | | | 7.0 | | 132 | \neg | 9 | | | - 1 | 88 | | 11 | 1 | 5080 | | | | 2370 | 1920 | 150.0 | 0.06 | | | | 0.01 | | 11 | | |
| 22 | 78.68 | _ | | 7.3 | | | | | | 7,0 | | 116 | | 8 | | | | 71 | | 8 | | 4440 | | | | 1550 | 1210 | | 0,09 | | 0,48 | | 0.01 | | 3 | | |
| 23 | 63,74 | _ | ļ | 7.5 | | | | | | 7.0 | | 90 | | 7 | $\overline{}$ | | | 88 | | 9 | | 5580 | | ļ | _ | 1940 | 1460 | | 0.08 | | | | 0.01 | · · · | | | |
| 24 | | | - | 7.4 7.5 | | | | | | 8,0 7.0 | | 154 894 | | 8 7 | | | | 108 642 | _ | 13 9 | | 3890 3490 | | ļ | - | 2290 1340 | 1710 1030 | | 0.07 0.10 | | \rightarrow | - | 0.01 | | 1 2 | | |
| 25 28 | 41.45 38.14 | | ┼── | 7.5 | | | | | | 7,0 7.0 | | 168 | | <u>/</u> | | | | 154 | - | 8 | | 3490 | | | 1 | 1810 | 1410 | | | • • • • | | | | 11.00 | 2 | | $\overline{}$ |
| 27 | 50.85 | | | 7.8 | | | | | | 7.0 | _ | · 172 | _ | 8 | $\overline{}$ | | | 128 | $\neg \vdash$ | 13 | | 3360 | | İ | | 2020 | 1590 | | 0.07 | | | 11,00 | 0.01 | | 5 | | |
| 28 | 88.19 | | | 7,4 | 7.3 | | | | | 7.0 | | 74 | | 9 | - | | | 37 | | 8 | | 5820 | | ļ | [| 1430 | 1120 | | 0.10 | | | | 0.01 | | 4 | | |
| 29 | 86.05 | | | 7.3 | _ | | | | | 7,0 | _ | 92 | | 7 | | | | 32 | | 8 | | 6000 | | ļ | | 1530 | 1180 | | 80.0 | | 0,63 | | 0.01 | | 8 | | |
| _30 | 75.23 | + | - | 7.5 | 7.2 | | | | | 7.0 | - | 98 | | 7 | | | | 80 | | _В | | 4750 | | - | ┼ | 1330 | 1020 | 110,0 | . 0.08 | | | | 0.01 | 6.30 | 5 | | |
| Total | | - | 0 | 20,000 | Heath at | Tayland | Egypták | 142/// | \$100.000 | | \$1000,000 | \$9400PWW | 7/App.000 | AND COM | 000000 | 545000 | 2017(02054)) | Specialists at | 921888 (93) | 9601Q | 0.0 | \$\$UAXGERYS (SEE) | 0.0 |) (100-0000) | \$640 ak | 65-successor | (NO) HARAGE | 84400E0 | \$50.000 (F) (S) | Mark and the | gisanier i | 12A88444A | 700040108 | 100/05 | (USAMS) | | |
| Avg. | 43.8 | | 7000 mg/s | 7,5 | 7.4 | | | | | 7.1 | | 219 | | 7 | | | | 180 | | 9 | | 4334.3 | | | | 2312,00 | 1791.00 | 182.00 | 0.08 | | 1.00 | 9.20 | 0.01 | 5.91 | 2 | 0,01 | 247 |
| Resid Comr | Number o lential Co nercial Co trial Conn | nnection innection | 3: | tions: | | | | | 0 | | | Industria | Waste 118015 Flow | Popula | ation Eq | | 388019 BOD | 9 | _ | 381: TS | | | | | | Operator Cert. # | | | | | C Lan | 751 | | | | | |
| Sewe | r Connec | tions X4 | | - | | | 0 | | • | | | | | | | | | | | | | | | | | Phone # | | | | | 502-540 | <u>1-6042</u> | | , | | | |



KPDES # KY0078956 Facility ID MSD0277

Water Quality Treatement Center DEREK R. GUTHRIE

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Facility Type

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SSL Sewer Service Line

160264

6023 COOPER CHAPEL RD

FISHPOOL CREEK

GROUND

Activity Code / Description DISREV: RAIN EVENT DISCHARGE

WO#

Initiated 1381343 11/15/11 05:30 PM Initiated By MARKS JR

Assigned To MILLS

Disch Status DÓCUMENTED **Event Date** 06/03/06

Problem LACK OF SYSTEM CAPACITY

Result UNAUTHORIZED Completed Condition

11/15/11 06:30

DISCHARGE-WATER PM

Spot Inspections:

| Discharge Amount | 1,200 GAL | |
|------------------|--|---|
| Cause: | RAIN EVENT LED TO LACK OF SYSTEM CAPACITY | |
| Clean Up: | MSD CLEANED & SANITIZED THE AREA | - |
| Control Zone: | TEMPORARY SIGNS POSTED | |
| Impact | SEWAGE & DEBRIS OBSERVED | |
| Repair: | SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR | |

| 11/15/11 07:37 PM | DISPUB | msd warned public with temporary signs |
|-------------------|--------|--|
| 11/15/11 01:00 PM | DISNOT | Email notification of unauthorized discharge sent to ireland sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffrles@ky.gov |
| 11/15/11 01:00 PM | DISSNO | Supplemental Email notification of unauthorized discharge has been sent to ireland sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |



KPDES # KY0078956 (Confd) Facility ID MSD0277 Water Quality Treatement Center DEREK R. GUTHRIE

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Activity Code / Description
DISREV: RAIN EVENT

<u>WO#</u> 1381574 Initiated 11/16/11 12:05 PM Initiated By SINGLETON

Assigned To OPS BSHIFT

WEST

<u>Disch Status</u> DOCUMENTED

Event Date 06/03/06

Problem

LACK OF SYSTEM

CAPACITY

Result UNAUTHORIZED

S

Completed Condition 11/16/11 07:00

DISCHARGE-WATER PM

DISCHARGE

Spot Inspections:

| Discharge Amount | 6,600 GAL |
|------------------|---|
| Cause: | LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT |
| Clean Up; | MSD CLEANED & SANITIZED THE AREA |
| Control Zone: | TEMPORARY SIGNS POSTED |
| Impact; | SEWAGE OBSERVED |
| Repair. | SITE FOUND DURING RAIN EVENT RECON-WILL MONITOR & EVALUATE FOR REPAIR |

| 11/16/11 12:57 PM | DISPUB | TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA |
|-------------------|--------|--|
| 11/16/11 01:00 AM | DISNOT | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
| 11/16/11 01:00 AM | DISSNO | Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |



KPDES# KY0078956 (Cont'd) Facility ID MSD0277

Water Quality Treatement Center **DEREK R. GUTHRIE**

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Facility Type

DISCHARGE

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SMH Sewer Manhole

25478

6006 COOPER CHAPEL RD

FISHPOOL CREEK

GROUND

Activity Code / Description DISDW: DRY WEATHER

WO# 1382400

Initiated 11/18/11 12:40 PM Initiated By SINGLETON

Assigned To **OPS BSHIFT** WEST

Disch Status REPAIRED -ISSUE

RESOLVED

Event Date 11/18/11

Problem MECHANICAL FAILURE

Result Completed UNAUTHORIZED 11/18/11 01:41

Condition

DISCHARGE-WATER

PΜ

Spot Inspections:

| Discharge Amount | 61 GAL |
|------------------|----------------------------------|
| Cause: | CAP ON CLEAN OUT CAME OFF |
| Clean Up: | MSD CLEANED & SANITIZED THE AREA |
| Control Zone: | TEMPORARY SIGNS PLACED . |
| Impact | SEWAGE OBSERVED |
| Repair: | CAP REPLACED |

| 11/18/11 12:40 PM | DISPUB | TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA |
|-------------------|--------|--|
| 11/18/11 01:00 PM | DISNOT | Email notification of unauthorized discharge sent to ireland sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |



Initiated Nov 01, 2011 12:00 AM thru Nov 30, 2011 11:59 PM

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

KPDES# KY0078956 (Cont'd)

Facility ID MSD0277

Water Quality Treatement Center **DEREK R. GUTHRIE**

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Facility Type

DISCHARGE

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SMH Sewer Manhole

25479

6102 COOPER CHAPEL RD

PENNSYLVANIA RUN

CATCH BASIN

Activity Code / Description DISREV: RAIN EVENT

WO#

Initiated 1383723 11/22/11 10:27 AM Initiated By SINGLETON Assigned To OPS BSHIFT

WEST

Disch Status DOCUMENTED **Event Date** 06/19/11

Problem LACK OF SYSTEM <u>Result</u> UNAUTHORIZED

S

Completed Condition 11/22/11 04:45

DISCHARGE-WATER

PM

CAPACITY

Spot Inspections:

| Discharge Amount | 150 GAL | |
|------------------|--|--------------|
| Cause: | LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT | |
| Clean Up: | MSD CLEANED & SANITIZED THE AREA | |
| Control Zone: | TAPE & TEMPORARY SIGNS POSTED | |
| Impact | SEWAGE, SOLIDS DEBRIS & PERSONAL HYGIENE PRODUCTS OBSERVED | ************ |
| Repair: | SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR | |

| 11/22/11 10:27 AM | DISPUB | TAPE & TEMPORARY SIGNS POSTED |
|-------------------|--------|--|
| 11/22/11 01:00 AM | DISNOT | Email notification of unauthorized discharge sent to ireland sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
| 11/22/11 01:00 AM | DISSNO | Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |



KPDES#

KY0078956 (Cont'd)

Facility ID MSD0277

Water Quality Treatement Center DEREK R. GUTHRIE

Receiving Stream of Treatment Center **OHIO RIVER**

Region WEST

Activity Code / Description DISREV: RAIN EVENT

<u>WO#</u> 1385158 Initiated 11/28/11 11:55 AM Initiated By SINGLETON

Assigned To OPS BSHIFT Disch Status DOCUMENTED **Event Date**

Problem LACK OF SYSTEM Result .

s

Completed 11/29/11 01:15 Condition

DISCHARGE

WEST

06/19/11

CAPACITY

UNAUTHORIZED DISCHARGE-WATER

Spot Inspections:

| Discharge Amount | 1,200 GAL |
|------------------|--|
| Cause: | LACK OF CAPACITY DUE TO RAIN EVENT |
| Clean Up: | MSD CLEANED & SANITIZED THE AREA |
| Control Zone: | TEMPORARY SIGNS POSTED |
| Impact | SEWAGE OBSERVED |
| Repair: | SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR. HAULING STATION WO#1384994 |

| 11/28/11 11:55 AM | DISPUB | TEMPORARY SIGNS POSTED |
|-------------------|--------|---|
| 11/28/11 01:00 PM | DISNOT | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA_Jeffries@ky.gov |
| 11/28/11 01:00 PM | DISSNO | Supplemental Email notification of unauthorized discharge has been sent to ireland, sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |



Initiated Nov 01, 2011 12:00 AM thru Nov 30, 2011 11:59 PM

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

KPDES#

KY0078956 (Cont'd)

Facility ID MSD0277

Water Quality Treatement Center

DEREK R. GUTHRIE

Receiving Stream of Treatment Center

OHIO RIVER

Region WEST

Facility Type

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SMH Sewer Manhole

25484

9317 LANTANA DR

PENNSYLVANIA RUN

STREAM

Activity Code / Description

WO #

Initiated

Initiated By SINGLETON <u>Assigned To</u> **OPS BSHIFT** Disch Status DOCUMENTED **Event Date**

Problem

Result

Completed 11/22/11 11:13

Condition

DISREV: RAIN EVENT DISCHARGE

1383721

11/22/11 10:36 AM

WEST

10/23/07

LACK OF SYSTEM CAPACITY

UNAUTHORIZED

DISCHARGE-WATER AM

s

Spot inspections:

| Discharge Amount | 2,590 GAL . |
|------------------|---|
| Cause: | LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT |
| Clean Up: | MSD CLEANED & SANITIZED THE AREA |
| Control Zone: | TEMPORARY SIGNS POSTED |
| Impact | SEWAGE, SOLIDS, PERSONAL HYGIENE PRODUCTS & DEBRIS OBSERVED |
| Repair: | SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUTE FOR REPAIR |

| 11/22/11 10:36 AM | DISPUB | TEMPORARY SIGNS POSTED AROUND AFFECTED AREA |
|-------------------|--------|--|
| 11/22/11 01:00 AM | DISNOT | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |



KPDES # KY0078956 (Cont'd)

DISCHARGE

Facility ID MSD0277 Water Quality Treatement Center DEREK R. GUTHRIE

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Activity Code / Description DISREV: RAIN EVENT <u>WO #</u> 1385356

<u>Initiated</u> 11/28/11 08:10 PM

<u>Initi</u>:

Initiated By MARKS JR Assigned To MILLS Disch Status DOCUMENTED Event Date 10/23/07

Problem
LACK OF SYSTEM
CAPACITY

Result UNAUTHORIZED

s

Completed Condition 11/29/11 08:20

11/29/11 08 R AM

DISCHARGE-WATER

Spot Inspections:

| Discharge Amount | 14,600 GAL |
|------------------|--|
| Cause: | RAIN EVENT CAUSED A LACK OF SYSTEM CAPACITY |
| Clean Up: | MSD CLEANED & SANITIZED THE AREA |
| Control Zone: | TEMPORARY SIGNS PLACED |
| Impact; | SEWAGE OBSERVED |
| Repair: | SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR |

| 11/28/11 08:33 PM | DISPUB | MSD WARNED PUBLIC WITH SIGNS |
|-------------------|--------|--|
| 11/28/11 01:00 PM | DISNOT | Email notification of unauthorized discharge sent to ireland,sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
| 11/28/11 01:00 PM | DISSNO | Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |





KPDES# KY0078956 (Cont'd) Facility ID M\$D0277

Water Quality Treatement Center DEREK R. GUTHRIE

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Facility Type

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SMH Sewer Manhole

27116

10304 CAVEN AVE

MUD CREEK

STREAM

Activity Code / Description DISREV: RAIN EVENT DISCHARGE

WO#

Initiated 1381336 11/15/11 04:27 PM Initiated By DAVIS

Assigned To HENDERSON Disch Status DOCUMENTED **Event Date** 11/15/11

<u>Problem</u> LACK OF SYSTEM <u>Result</u> UNAUTHORIZED <u>Completed</u> 11/16/11 03:00

AM

Condition MAIN

CAPACITY DISCHARGE-WATER s

Spot inspections:

| Discharge Amount | 103,500 GAL | |
|------------------|---------------------------------------|---|
| Cause: | LACK OF SYSTEM CAPACITY | |
| Clean Up: | MSD TO CLEAN AND SANITIZE | |
| Control Zone: | SIGNS, CAUTION TAPE | · |
| Impact | SEWAGE AND SOLIDS | |
| Repair: | THIS LOCATION IS INCLUDED IN THE IOAP | |

| 11/15/11 05:05 PM | DISPUB | advised customers on site, left door cards |
|-------------------|--------|--|
| 11/15/11 01:00 PM | DISNOT | Email notification of unauthonzed discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
| 11/15/11 01:00 PM | DISSNO | Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |



KPDES #

DISCHARGE

KY0078956 (Cont'd)

Facility ID MSD0277

Water Quality Treatement Center DEREK R. GUTHRIE

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Activity Code / Description
DISREV: RAIN EVENT

WO# 1383729 Initiated 11/22/11 10:00 AM

Initiated By DAVIS

Assigned To HOLLEY Disch Status DOCUMENTED

- Event Date Problem 11/15/11 LACK OF

LACK OF SYSTEM CAPACITY

Result
UNAUTHORIZED

Completed Condition 11/23/11 05:00 MAIN

DISCHARGE-WATER AM S

Spot inspections:

| Discharge Amount | 135,000 GAL | |
|------------------|--|--|
| Cause: | LACK OF SYSTEM CAPACITY | |
| Clean Up: | MSD CLEANED AND SANITIZED AFFECTED AREA | |
| Control Zone: | UNABLE TO SET UP CONTROL ZONE DUE TO WOODED AREA | |
| Impact | SEWAGE SOLIDS AND DEBRIS | |
| Repair: | AREA INCLUDED IN THE IOAP | |

| 11/22/11 11:22 AM DISPUB msd advised customer on site 11/22/11 01:00 AM DISNOT Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov | | | |
|--|---------------------|--------|--|
| 11/22/11 01:00 AM DISNOT Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov | 11/22/11 11:22 AM | DISPUB | msd advised customer on site |
| | 11/22/11 01:00 AM . | DISNOT | Email notification of unauthorized discharge sent to ireland sean@epa.gov, eppc.ert@kv.gov and LisaA.Jeffries@kv.gov |
| 11/22/11 01:00 AM DISSNO Supplemental Email notification of unauthorized discharge has been sent to ireland, sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov | 11/22/11 01:00 AM | DISSNO | |



KPDES#

DISCHARGE

KY0078956 (Cont'd)

Facility ID MSD0277

Water Quality Treatement Center DEREK R. GUTHRIE

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Activity Code / Description DISREV: RAIN EVENT

<u>WO#</u> 1384970 Initiated 11/28/11 06:50 AM Initiated By DAVIS

Assigned To HOLLEY

Disch Status DOCUMENTED **Event Date** <u>Problem</u> 11/15/11

LACK OF SYSTEM CAPACITY

Completed UNAUTHORIZED

Condition 11/29/11 06:00 MAIN

DISCHARGE-WATER PM

Result

S

Spot inspections:

| Discharge Amount: | 212,225 GAL | |
|-------------------|--|--|
| Cause: | LACK OF SYSTEM CAPACITY - | |
| Clean Up: | MSD TO CLEAN AND SANITIZE AFFECTED AREA UNDER WORK ORDER#1385784 | |
| Control Zone: | ADVISED PROPERTY OWNER | |
| Impact: | SEWAGE, SOLIDS, AND DEBRIS . | |
| Repair: | AREA PART OF JOAP | |

| · · · · · · · · · · · · · · · · · · · | | |
|---------------------------------------|-------------|--|
| 11/28/11 01:00 AM | DISNOT | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA_Jeffries@ky.gov |
| 11/28/11 03:48 PM | DISPUB | msd advised customer on site |
| 11/28/11 01:00 AM | DISSNO | Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |



KPDES#

KY0078956 (Cont'd)

Facility ID MSD0277

Water Quality Treatement Center DEREK R. GUTHRIE

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Facility Type

DISCHARGE

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

Condition

MAIN

Activity Code / Description DISREV: RAIN EVENT

WO# 1383938

Initiated 11/22/11 09:00 AM Initiated By DAVIS

<u>Assigned To</u> HENDERSON

Disch Status DOCUMENTED **Event Date** 03/04/08

Problem CAPACITY

LACK OF SYSTEM

Result UNAUTHORIZED

s

Completed 11/22/11 02:50

DISCHARGE-WATER

РΜ

Spot Inspections:

| Discharge Amount: | 15,250 GAL | |
|-------------------|------------------------------|-----|
| Cause: | LACK OF SYSTEM CAPACITY | • . |
| Clean Up: | MSD CLEANED & SANITIZED AREA | |
| Control Zone: | CAUTION TAPE AND TEMP SIGNS | |
| Impact | SEWAGE SOLIDS AND DEBRIS | |
| Repair: | AREA INCLUDED IN THE IOAP | |

| 11/22/11 03:13 PM | DISPUB | msd advised customers by door card |
|-------------------|--------|---|
| 11/22/11 01:00 PM | DISNOT | Email notification of unauthorized discharge sent to ireland sean@epa.gov, eppc.ert@ky.gov and LisaAJeffries@ky.gov |





KPDES#

DISCHARGE

KY0078956 (Cont'd)

Facility ID MSD0277

Water Quality Treatement Center

DEREK R. GUTHRIE

Receiving Stream of Treatment Center

OHIO RIVER

Region WEST

Activity Code / Description DISREV: RAIN EVENT

WO # 1384945

Initiated 11/28/11 06:45 AM Initiated By DAVIS

Assigned To HENDERSON Disch Status DOCUMENTED **Event Date**

Problem 03/04/08 LACK OF SYSTEM CAPACITY

Result UNAUTHORIZED Completed Condition

11/29/11 11:29

DISCHARGE-WATER AM

s

Spot Inspections:

| Discharge Amount | 87,310 GAL |
|------------------|--|
| Cause: | LACK OF SYSTEM CAPACITY |
| Clean Up: | MSD TO CLEAN AND SANITIZE AFFECTED AREA |
| Control Zone: | TAPE, TEMP SIGNS AND ADVISED PROPERTY OWNERS |
| Impact: | SEWAGE |
| Repair: | INCLUDED IN THE IOAP |

| 11/28/11 01:00 AM | /28/11 01:00 AM DISNOT Email notification of unauthorized discharge sent to ireland sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov | |
|-------------------|---|--|
| 11/28/11 03:46 PM | DISPUB advised customer on site and by door cards | |
| 11/28/11 01:00 AM | DISSNO S | Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |



Initiated Nov 01, 2011 12:00 AM thru Nov 30, 2011 11:59 PM

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

KPDE\$#

Facility Type

KY0078956 (Cont'd)

Facility ID MSD0277 Water Quality Treatement Center DEREK R. GUTHRIE

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SMH Sewer Manhole

31073

6808 SANDSTONE BLVD

FERN CREEK

DITCH

Activity Code / Description DISREV: RAIN EVENT DISCHARGE <u>WO #</u> 1383945

Initiated 11/22/11 12:00 AM

<u>Initiated By</u> DAVIS Assigned To Disconnection Disc

Disch Status
DOCUMENTED

Event Date 5 03/09/11 1

Problem

LACK OF SYSTEM

CAPACITY

Result UNAUTHORIZED Completed 11/22/11 04:45

Condition MAIN

DISCHARGE-WATER PM

3

Spot Inspections:

| Discharge Amount | 30,015 GAL | |
|------------------|---|---|
| Cause: | LACK OF SYSTEM CAPACITY | |
| Clean Up: | MSD TO CLEAN AND SANITIZE AFFECTED AREA | |
| Control Zone: | TEMP SIGNS AND CAUTION TAPE | |
| Impact; | SEWAGE, SOLIDS, AND DEBRIS | • |
| Repair, | INCLUDED IN THE IOAP | |

| 1 | 1/22/11 03:24 PM | DISPUB | advised customers by door card | 1 |
|---|------------------|--------|---|---|
| 1 | 1/23/11 01:34 PM | DISNOT | Manual email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov | |
| | | | | 1 |



Initiated Nov 01, 2011 12:00 AM thru Nov 30, 2011 11:59 PM

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

KPDES # KY0078956 (Cont'd) Facility ID MSD0277 Water Quality Treatement Center DEREK R. GUTHRIE

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Activity Code / Description
DISREV: RAIN EVENT

DISCHARGE

<u>WO#</u> 1384907 <u>Initiated</u> 11/28/11 06:50 AM

Initiated By GAITHER Assigned To HENDERSON

<u>Disch Status</u> DOCUMENTED Event Date Pn 03/09/11 LA

Problem

LACK OF SYSTEM

CAPACITY

Result
UNAUTHORIZED

<u>Completed</u> <u>Condition</u> 11/29/11 11:40 MAIN

DISCHARGE-WATER A

S

Spot Inspections:

| Discharge Amount | 43,755 GAL | |
|------------------|--|---|
| Cause: | LACK OF CAPACITY | |
| Clean Up; | MSD CLEANED AND SANITIZED AFFECTED AREA | |
| Control Zone: | TAPE, TEMP SIGNS, ADVISED PROPERTY OWNER TO AVOID CONTACT WITH SEWAGE. | |
| Impact | SEWAGE | , |
| Repair: | A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP. | |

| 11/28/11 09:29 AM | DISPUB | MSD ADVISED CUSTOMER ON SITE; MSD ADVISED CUSTOMER BY DOOR CARD |
|-------------------|--------|--|
| 11/28/11 01:00 AM | DISNOT | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
| 11/28/11 01:00 AM | 1 | Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |



KPDES#

KY0078956 (Cont'd)

Facility ID MSD0277

Water Quality Treatement Center **DEREK R. GUTHRIE**

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Facility Type

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SMH Sewer Manhole

31074

6808 SANDSTONE BLVD

FERN CREEK

DITCH

Activity Code / Description DISREV: RAIN EVENT DISCHARGE

WO# 1383961

Initiated 11/22/11 12:00 AM Initiated By DAVIS

Assigned To HENDERSON Disch Status DOCUMENTED

Event Date 02/24/11

<u>Problem</u> LACK OF SYSTEM CAPACITY

Result UNAUTHORIZED

Completed 11/22/11 04:45

PM

Condition MAIN

DISCHARGE-WATER

Spot Inspections:

| Discharge Amount | 10,005 GAL | |
|------------------|---|--|
| Cause: | LACK OF SYSTEM CAPACITY | |
| Clean Up: | MSD CLEANED AND SANITIZED AFFECTED AREA | |
| Control Zone: | TEMP SIGNS AND CAUTION TAPE | |
| Impact | SEWAGE, SOLIDS AND DEBRIS | |
| Repair. | INCLUDED IN THE IOAP | |

| 11/22/11 03:28 PM | DISPUB | advised customers by door cards |
|-------------------|--------|---|
| 11/23/11 01:33 PM | DISNOT | Manual email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |



KPDES#

DISCHARGE

KY0078956 (Cont'd)

Facility ID MSD0277

Water Quality Treatement Center DEREK R. GUTHRIE

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Activity Code / Description DISREV; RAIN EVENT

<u>W0#</u> 1384961

Initiated 11/28/11 06:50 AM

Initiated By DAVIS

Assigned To HENDERSON Disch Status DOCUMENTED Event Date 02/24/11

Problem LACK OF SYSTEM CAPACITY

Result UNAUTHORIZED

Completed Condition 11/29/11 11:40 MAIN

DISCHARGE-WATER ΑM S

Spot inspections:

| Discharge Amount | 87,310 GAL | |
|------------------|--|--|
| Cause: | LACK OF SYSTEM CAPACITY | |
| Clean Up: | MSD TO CLEAN AND SANITIZE AFFECTED AREA | |
| Control Zone: | CAUTION TAPE SIGNS AND ADVISED CUSTOMERS | |
| Impact: | SEWAGE . | |
| Repair. | AREA INCLUDED IN JOAP | |

| | 1 | |
|-------------------|--------|--|
| 11/28/11 01:00 AM | DISNOT | Email notification of unauthorized discharge sent to ireland sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
| 11/28/11 03:47 PM | DISPUB | advised customers on site and by door card |
| 11/28/11 01:00 AM | DISSNO | Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |





KPDES#

KY0078956 (Cont'd)

Facility ID MSD0277

Water Quality Treatement Center DEREK R. GUTHRIE

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Facility Type

Facility ID

Facility Address

.If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

Condition

SMH Sewer Manhole

32682

6707 W ORELL RD

ALVEY DITCH

STREAM

Activity Code / Description DISREV: RAIN EVENT DISCHARGE

1385351 Initiated 11/28/11 07;42 AM Initiated By GRIFFITH

Assigned To GRIFFITH

Disch Status DOCUMENTED Event Date 03/12/06

<u>Problem</u> LACK OF SYSTEM CAPACITY

Result UNAUTHORIZED

s

Completed

11/29/11 06:00

DISCHARGE-WATER PM

Spot inspections:

| Discharge Amount | 410,000 GAL |
|------------------|------------------------------------|
| Cause: | LACK OF SYSTEM CAPACITY-HEAVY RAIN |
| Clean Up: | DISCLN WO# 1386669 |
| Control Zone: | CAUTION TAPE AND TEMP_SIGNS PLACED |
| Impact | LIGHT DEBRIS OBSERVED |
| Repair: | LOCATION INCLUDED IN THE IOAP |

| 11/28/11 08:15 PM | DISPUB | PUBLIC NOTIFIED THROUGH TEMP SIGNS AND DOOR HANGERS TO AVOID DISCHARGE |
|-------------------|--------|--|
| 11/28/11 01:00 PM | DISNOT | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
| 11/28/11 01:00 PM | DISSNO | Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA_Jeffries@ky.gov |





KPDES#

KY0078956 (Cont'd)

Facility ID MSD0277

Water Quality Treatement Center DEREK R. GUTHRIE

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Facility Type

DISCHARGE

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SMH Sewer Manhole

36419

6903 CHARLES LINDSEY CT

PENNSYLVANIA RUN

GROUND

Activity Code / Description DISREV: RAIN EVENT

WO# 1385428

Initiated 11/29/11 12:20 AM Initiated By MARKS JR

Assigned To CLAN

Disch Status REPAIRED -ISSUE

RESOLVED

Event Date 11/29/11

Problem LACK OF SYSTEM CAPACITY

Result UNAUTHORIZED

s

Condition Completed 11/29/11 12:51

DISCHARGE-WATER AM

Spot inspections:

| Discharge Amount | 775 GAL |
|------------------|---|
| Cause: | SEAL LEAK ON PUMP 1 AT STATION PUMP 2 O/S |
| Clean Up: | NO DEBRIS |
| Control Zone: | TEMPORARY SIGNS POSTED |
| Impact | SEWAGE OBSERVED |
| Repair: | RESET PUMP 1 SEAL LEAK AT STATION |

| 110111104401151 | | | |
|-------------------|--------|--|--|
| 11/29/11 07;18 AM | DISPUB | MSD WARNED THE PUBLIC WITH SIGNS | |
| 11/29/11 01:00 AM | DISNOT | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov | |





KPDES#

KY0078956 (Cont'd)

Facility ID MSD0277

Water Quality Treatement Center

DEREK R. GUTHRIE

Receiving Stream of Treatment Center

OHIO RIVER

Region WEST

Facility Type

DISCHARGE

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

Condition

SMH Sewer Manhole

60679

9114 CINDERELLA LN

FISHPOOL CREEK

DITCH

Activity Code / Description DISREV: RAIN EVENT

<u>WO#</u> 1384903

<u>Initiated</u> 11/28/11 08:05 AM

Initiated By SINGLETON **Assigned To** OPS BSHIFT WEST

Disch Status DOCUMENTED **Event Date** 12/15/07

Problem | LACK OF SYSTEM CAPACITY

Result UNAUTHORIZED

Completed 11/29/11 01:40

DISCHARGE-WATER

S

Spot inspections:

| Discharge Amount: | 17,750 GAL | |
|-------------------|--|--|
| Cause: | LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT | |
| Clean Up: | MSD CLEANED & SANITIZED THE AREA | |
| . Control Zone; | TEMPORARY SIGNS POSTED | |
| Impact: | SEWAGE OBSERVED | |
| Repair. | SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR | |

| | | |
|-------------------|---------|--|
| 11/28/11 08:05 AM | DISPUB | TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA |
| 11/28/11 01:00 AM | DISNOT | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
| 11/28/11 01:00 AM | DISSNO | Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA,Jeffries@ky.gov |



KPDES# KY0078956 (Cont'd) Facility ID MSD0277

Water Quality Treatement Center DEREK R. GUTHRIE

Receiving Stream of Treatment Center OHIO RIVER

Region WEST

Facility Type

DISCHARGE

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SLS Sewer Lift Station

MSD1010-PS

5006 LEA ANN WAY

LEA ANN WAY

NORTHERN DITCH

STREAM

Activity Code / Description DISREV: RAIN EVENT

WO# 1385208

<u>Initiated</u> 11/28/11 01:40 PM

Initiated By SINGLETON Assigned To **OPS BSHIFT** WEST

Disch Status DOCUMENTED **Event Date** 12/15/07

Problem PUMPED OVERFLOW Result UNAUTHORIZED Completed Condition

11/29/11 09:40

DISCHARGE-WATER AM

S

Spot Inspections:

| Discharge Amount | 3,756,000 GAL | |
|------------------|--|--|
| Cause: | LACK OF SYSTEM CAPACITY | |
| Clean Up; | MSD CLEANED & SANITIZED THE AREA | |
| Centrol Zone; | TEMPORARY SIGNS & TAPE POSTED | |
| Impact: . | SEWAGE, SOLIDS & DEBRIS OBSERVED | |
| Repair: | SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR | |

| | 11/28/11 01:00 PM | DISNOT | Email notification of unauthorized discharge sent to ireland sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
|---|-------------------|--------|--|
| | 11/28/11 01:40 PM | DISPUB | temporary signs & tape placed aound the affected area |
| ĺ | 11/28/11 01:00 PM | DISSNO | Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |



KPDES #

KY0078956 (Cont'd)

Facility ID MSD0277

Water Quality Treatement Center DEREK R. GUTHRIE

Receiving Stream of Treatment Center 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

MSD1019-PS

10601 LEVEN BLVD

LEVEN

PENNSYLVANIA RUN

STREAM

Activity Code / Description DISREV: RAIN EVENT DISCHARGE <u>WO #</u> 1385414

Initiated 11/29/11 12:20 AM Initiated By MARKS JR Assigned To CLAN Disch Status REPAIRED -ISSUE

RESOLVED

Event Date 11/29/11 Problem ELECTRICAL

PROBLEMS AT MSD

Result
UNAUTHORIZED

<u>Completed</u> <u>Condition</u> 11/29/11 12:29

DISCHARGE-WATER AM

S

Spot inspections:

| Discharge Amount: | 150 GAL |
|-------------------|---|
| Cause: | SEAL LEAK #1 PUMP AND #2 PUMP O/S DURING RAIN EVENT |
| Clean Up; | NO DEBRIS |
| Control Zone: | TEMP SIGNS POSTED |
| Impact | SEWAGE OBSERVED |
| Repair: | RESET PUMP 1 SEAL LEAK |

| 11/29/11 06:41 AM | DISPUB | warned public with signs |
|-------------------|--------|--|
| 11/29/11 01:00 AM | DISNOT | Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov |
| | | |