

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

June 23, 2008

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

RE:

West County Treatment Plant, KPDES No: KY0078956

Discharge Monitoring Report

May 2008

Dear Ms. Thurman:

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

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

Sincerely,

Kevin D. Ries

Process Supervisor, West Region

Kews D. R.E.

KDR/West County 0508.doc

Enclosures

cc: P. Burgin

T. Singleton

R. Shaw





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

June 23, 2008

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

RE:

West County Treatment Plant, KPDES No: KY0078956

Discharge Monitoring Report

May 2008

Dear Mr. Roth:

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

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

Sincerely,

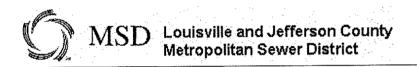
Kevin D. Ries

Process Supervisor, West Region

Kews D. RES

KDR/West County 0508.doc





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

KPDES #
KY0078956

Facility ID MSD0277

Treatment Plant Name WEST COUNTY

Receiving Stream of Treatment Plant

OHIO RIVER

Region WEST

Facility Type

SMH Sewer Manhole

Facility ID 92098

Facility Address 7801 EDSEL LN if Pump Station, Name of Pump Station:

Receiving Stream FERN CREEK

Discharge to GROUND

Activity Code / Description DISREV: RAIN EVENT DISCHARGE

WO #. 780144 Initiated 05/16/08 01:00 AM Initiated By SINGLETON Assigned To LAMBDIN JR

Disch Status DOCUMENTED Event Date 05/16/08

Problem LACK OF SYSTEM CAPACITY

Result DISCHARGE TO WATERS OF THE US

Completed 05/16/08 03:24 AM

Spot Inspections:

Discharge Amount:	3,600 GAL	
Cause:	LACK OF SYSTEM CAPACITY DUE TO STORM EVENT	
Clean Up:	DEBRIS RAKED, BAGGED & HAULED AWAY	
Control Zone:	TEMPORARY SIGNS PLACED AROUND IMPACTED AREA	
Impact;	SEWAGE OBSERVED AT SITE	
Repair:	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR	

,			
	05/16/08 01:00 AM	Temporary signs placed around impacted area	
	05/16/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov	

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

KPDES#	
KY0078956	(Cont'd)

Facility ID

Treatment Plant Name WEST COUNTY

Receiving Stream of Treatment Plant OHIO RIVER

Region WEST

Facility Type

SLS Sewer Lift Station

Facility ID MSD0130-PS Facility Address

6102 COOPER CHAPEL RD

If Pump Station, Name of Pump Station: COOPER CHAPEL

Receiving Stream
FISHPOOL CREEK

Discharge to DITCH

Activity Code / Description
DISREV: RAIN EVENT
DISCHARGE

<u>WO #</u> 780098 Initiated 05/15/08 05:00 PM Initlated By MARKS JR Assigned To MITCHELL Disch Status

Event Date 08/30/05 Problem

LACK OF SYSTEM

CAPACITY

Result DISCHARGE TO WATERS OF THE US Completed 05/15/08 07:33 PM

Spot inspections:

Discharge Amount:	3,825 GAL
Cause:	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY
Clean Up:	PIPE SUBMERGED - NO CLEAN UP
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	SITE FOUND DURING RAIN RECON WILL BE MONITORED FOR REPAIR

Quarter to the property on the property of the control of the cont	**************************************	
05/15/08	12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
06/02/08	01:14 PM	TEMPORARY SIGNS POSTED NEAR OVERFLOW

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

KPDES#	
KY0078956	(Cont'd)

Facility ID

Treatment Plant Name WEST COUNTY

Receiving Stream of Treatment Plant

OHIO RIVER

Region WEST

Facility Type

DISCHARGE

SLS Sewer Lift Station

Facility ID MSD0180-PS Facility Address
7201 OUTER LOOP

If Pump Station, Name of Pump Station:

GOVERNMENT CENTER

Receiving Stream
PENNSYLVANIA RUN

Discharge to DITCH

Activity Code / Description
DISREV: RAIN EVENT

<u>WO#</u> 780172

Initiated 05/15/08 11:25 PM Initiated By SINGLETON Assigned To LAMBDIN JR Disch Status DOCUMENTED Event Date

Problem LACK OF SYSTEM CAPACITY Result
DISCHARGE TO
WATERS OF THE

Completed 05/16/08 03:40 AM

Spot Inspections:

Discharge Amount:	12,750 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO STORM EVENT IN AREA
Clean Up:	DEBRIS RAKED, BAGGED & HAULED OFF
Control Zone:	TEMPORARY SIGNS PLACED AROUND IMPACTED AREA
Impact:	DEBRIS OBSERVED
Repair:	A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

\$ 1 M COLOR CONTROL CARROL CARROL CONTROL CONT		
05/15/08 11:25 PM	Temporary signs placed around impacted area	
THE RESIDENCE OF THE PARTY OF T		
05/16/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov	

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

KPDES#	
KY0078956	(Cont'd)

Facility Type

Facility ID MSD0277

Treatment Plant Name WEST COUNTY

Receiving Stream of Treatment Plant OHIO RIVER

Region WEST

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

US

Discharge to

SLS Sewer Lift Station

Facility ID MSD1010-PS

5007 LEA ANN WAY

LEA ANN WAY

NORTHERN DITCH

STREAM

Activity Code / Description DISREV: RAIN EVENT DISCHARGE

WO# 780199 Initiated 05/16/08 12:30 AM Initiated By SINGLETON Assigned To Disch Status RIES DOCUMENTED **Event Date** 12/15/07

Problem LACK OF SYSTEM CAPACITY

Result DISCHARGE TO WATERS OF THE Completed 05/16/08 05:00 AM

Spot Inspections:

Discharge Amount:	297,000 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO STORM EVENT
Clean Up:	NO CLEANUP- PUMPED DIRECTLY TO CREEK TO PREVENT SEWER BACKUPS
Control Zone:	TEMPORARY SIGNS PLACED AROUND THE IMPACTED AREA
Impact:	SEWAGE, SOLIDS AND DEBRIS NOTICED AT IMPACTED AREA
Repair:	HAULED TO REDUCE AND PREVENT FURTHER DISCHARGE SAP WO#5187883

05/16/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
06/02/08 01:16 PM	TEMPORARY SIGNS PLACED AROUND THE IMPACTED AREA

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

KPDES #

Facility ID

Treatment Plant Name

Receiving Stream of Treatment Plant

Region WEST

KY0078956 (Cont'd)

MSD0277

WEST COUNTY

OHIO RIVER

Facility Type

SLS Sewer Lift Station

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

MSD1013-PS

9114 CINDERELLA LN

CINDERELLA

FISHPOOL CREEK

DITCH

Activity Code / Description DISREV: RAIN EVENT DISCHARGE

WO# 780104

Initiated 05/15/08 09:08 PM Initiated By MARKS JR

Assigned To MITCHELL

Disch Status DOCUMENTED **Event Date** 11/29/01

Problem LACK OF SYSTEM CAPACITY

Result DISCHARGE TO WATERS OF THE

Completed 05/16/08 10:00 AM

Snot Inspections:

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	Discharge Amount	38,600 GAL	
-	Cause:	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY	
	Clean Up:	MSD CLEANED AND SANITIZED THE IMPACTED AREA.	
	Control Zone:	TEMPORARY SIGNS POSTED	
	Impact:	DEBRIS, PERȘONAL HYGIENE PRODUCTS & SEWAGE OBSERVED.	
	Repair:	HAULING TO PREVENT FURTHER DISCHARGE WORKORDER # 780103	

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ļ	05/15/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov	
ŀ			1
- Canada	05/15/08 09:08 PM	Temporary signs posted around the impacted area	

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

KPDES #	
KY0078956	(Cont'd)

Facility ID MSD0277 Treatment Plant Name WEST COUNTY

Receiving Stream of Treatment Plant OHIO RIVER

Region WEST

SLS Sewer Lift Station

Facility Type

Facility ID MSD1099-LS

Facility Address
8901 ZABEL WAY

If Pump Station, Name of Pump Station:

Receiving Stream FERN CREEK Discharge to DITCH

Activity Code / Description
DISREV: RAIN EVENT
DISCHARGE

<u>WO #</u> 778873 Initiated 05/12/08 07:30 AM Initiated By SINGLETON Assigned To WHITTAKER SR Disch Status DOCUMENTED

ZABEL

Event Date E

Problem LACK OF SYSTEM CAPACITY <u>Result</u> DISCHARGE TO WATERS OF THE Completed 05/12/08 09:45 AM

Spot inspections:

Ī	Discharge Amount:	270 GAL	
į	Cause:	STORM FLOW/ LACK OF SYSTEM CAPACITY	
	Clean Up:	NO DEBRIS- JUST WATER; NO CLEAN UP REQUIRED	
	Control Zone:	TEMPORARY SIGNS PLACED AROUND THE IMPACTED AREA	
	Impact:	SEWAGE DISCHARGING, NO SOLIDS OR DEBRIS OBSERVED	
	Repair:	THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08	

		3
05/12/08 07:30 AM	Temporary signs placed around impacted area	
05/12/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov	

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

KPDES#

KY0078956 (Cont'd)

Facility ID MSD0277

Treatment Plant Name **WEST COUNTY**

Receiving Stream of Treatment Plant

OHIO RIVER

Region WEST

Activity Code / Description DISREV: RAIN EVENT DISCHARGE

WO# 780168 Initiated 05/15/08 09:00 PM Initiated By SINGLETON Assigned To PORTER JR

Disch Status DOCUMENTED **Event Date** 12/16/00

Problem LACK OF SYSTEM CAPACITY

Result DISCHARGE TO WATERS OF THE US

Completed 05/16/08 04:00 PM

Spot Inspections:

Discharge Amount:	10,560 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	NO CLEANUP- NO DEBRIS
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	NO IMPACT OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL BE MONITORED & EVALUATED FOR REPAIR

		T
05/16/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov	
		1
05/15/08 09:00 PM	Temporary signs placed	

MONITORING PERIOD

TO

YEAR

DAY

Form Approved. OMB No. 2040-0004

MED MEST COUNTY STR

IDDRESS C / O CEDAR CREEK STP 8405 CEDAN CREEK RD

LOUISVILLE

HV 40211

ACILITY MSO WEST COUNTY STP OCATION OUTSVILLE

ATTM: DENNIS THOMASSON, OR METRO OPS

WY 40272

MYOO7/895A PERMIT NUMBER

MO

YEAR

FROM

DISCHARGE NUMBER

MO

MAJOR

(SUBR LV) F - FINAL

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HUNTCIPAL MASTEMATER EFFLUENT DAY

*** NO DISCHARGE !

NOTE: Read Instructions before completing this form.

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

JSE MO AVO FOR BOD/TSS REMV: REPT IN MINIMUM COLUMN.

TO

V/ i.

MVOOTAGAA

YEAR

FROM

PERMIT NUMBER

1,5

MAJOR

Form Approved. OMB No. 2040-0004

MAD WEST COUNTY STR

ACILITY MED WEST COUNTY STE

DCATION DUISVILLE

DDRESS C/O CEDAR CREEK STP

BACE CERAR CRIER RD KY ADDIT LOUISVILLE

TTW DENNIS THOMASSON OR METRO OPS

KY 40272

DISCHARGE NUMBER

1,153

(BUSR LV) F - FINAL

MUNICIPAL WASTEWATER MONITORING PERIOD EFFLUENT YEAR DAY MO DAY MO -, J 1.

NOTE: Read instructions before completing this form.

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PAGE

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) JSE MO AVO FOR BOD/TSS REMV: REPT IN MINIMUM COLUMN.

MONITORING PERIOD

TO

YEAR

DAY

Form Approved. OMB No. 2040-0004

HIGH WEST COUNTY HIP

IDDRESS C/O CEDAR CREEK STP 8405 CRUAR CREEK RD

LOUISVILLE

KY 40211

ACILITY MED WEST COUNTY BIP OCATION OUTSVILLE

STYN, MONNIE THEMANGERN, GO METOE OFG

KY 40272

KY0078956 PERMIT NUMBER

МО

YEAR

FROM

DISCHARGE NUMBER

MO

DAY

31

MAJOR (SUBRILL) F - FINAL

JUNE P

MUNICIPAL WASTEWATER

EFFLUENT

*** NO DISCHARGE | | ***

NOTE: Read Instructions before completing this form

ATTM: DENNIS INUMASE	Jiv: Dr	1 (1)20	ING UMB				ı,	NOTE: Read Instr	uctions beto	re con	ipieting tr	iis torm.
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31010 K 0 0 CERCENT REMOVAL	PERM REQUIRE		安安安安安长	於 對於於於接	种安特 计许许计	85 MD AVG	静荣格特隆塔	等价格特殊。	PER- CENT	(MGE/	24L(; 71)
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMP MEASURE	i	沙沙沙沙沙	经股份股份额		97	经验收收债款	经经济销售	· (23)	Ø	01/31	CA
31011 K 0 0 PERCENT REMOVAL	PERM REQUIRE	j	教教会会设备	经 经营销售	***	MO MIN	经验收债额费	经按型证券的	CENT	Year	INGE! MONT	. 1
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T. A. A. P. C.	PERM REQUIRE			:				1.				
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H. J. Selecter	OFFICER	prepared to assure submitte or those	under penalty of law that the under my direction or super that qualified personnel produced in the persons directly responsible persons directly responsible.	ervision in accordance with operly gather and evaluate the person or persons who e for gathering the informa-	h a system design the information manage the system ation, the informa-	em,	D. 628		TELEPHO	NE		DATE
Exer Director		submitte I am awa	ose persons directly responsible for gathering the information, the informat ifted is, to the best of my knowledge and belief, true, accurate, and comple aware that there are significant penalties for submitting false information, ding the possibility of fine and imprisonment for knowing violations.			lete. SIGN.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			<u>-(()()</u> :R		06 23 mo day

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) USE MO AVO FOR WODYTSS REMY:REPT IN MINIMUM COLUMN.

MONITORING PERIOD

TO

YEAR

DAY

Q1

Form Approved. OMB No. 2040-0004

MSD WEST COUNTY STP

DORESS C / O CEDAR CREEK STP 8405 CEDAR CREEK RD

LOUISVILLE

FY 40211

ACILITY MESO WEST COUNTY STP DCATION MUTBUILLE

KY 40272

WV0079954 PERMIT NUMBER

MO

YEAR

FROM

001 DISCHARGE NUMBER

DAY

MO

MAJOR (SUBR LV) F - FINAL

JEFF &

REASONABLE POTENTIAL EFFLUENT

*** NO DISCHARGE ! _ | #**

PARAMETER		QUANT	ITY OR LOADING		C	QUALITY OR CONC	ENTRATION		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	FREQUENCY OF	401 CIDES MESING
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MUMIXAM	UNITS	EX	ANALYSIS	TYPE
ROMIUM, HEXAVALENT (AS CR)	SAMPLE MEASUREMENT	李体体体验	存额条件条件		经依付经帐价	<0.010	< 0.010	(19)	Ø	01/31	CP
002 I 0 0 Fluent gross value	PERMIT REQUIREMENT	各种条件的	经验检验检验	*** ****	传传楼楼桥	REPORT MO AVO	REPORT DAILY MX	11G/L	74. (34 44	PROBLE PONTH	: Carago est
	SAMPLE MEASUREMENT					N .			Attack		
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	PERMIT REQUIREMENT								15 17 18 18 18		
AME/TITLE PRINCIPAL EXECUTIVE 1. J. Schreden Exec. Director	prepared	under penalty of law that it under my direction or sup that qualified personnel p d. Based on my inquiry of persons directly responsible d is, to the best of my kno- ure that there are significan	ervision in accordance wit	th a system design	1/	3).	EVECUTIVE C	TELEPHO 2 546 -			ATE
TYPED OR PRINTED	l am awa	are that there are significant the possibility of fine and	it penalties for submitting	false information,	SIGN. OF	ATURE OF PRINCIPAL FICER OR AUTHORIZI		A NUMBI			MO DAY

Name	of Sewa	age Tre	atment l	Plant:		West County WTP								Jefferson					Month of:			May					2008							
KPDES Permit Number:						KY00	78956		Plant Capacity:					County 30 MGD Re				Receiv	ing Strea	am:		Ohio River												
									-						-				r				1	***************************************										
	Raw					Settleable			Dissolved			Suspended			Total			5-day BOD		Activated Sludge			Aeration						Dig			Final		
					pH Solids (r			JL)	Oxy	Oxygen (mg/L)		Solids (mg/L)			Solids (mg/L)			(mg/L)		Return		WAS	<u> </u>	Basin				Sludge						
	(MG)	[m					Sec.)				١,		Sec.)			Sec.)		Sec.)			<u>~</u>	8	7 /	-		~l			:					_
	3	Removed	s				(S		Above		woje		(or S			o,		or S			Gal/Day mg/L	X 1000	(mg/L)	2000)	(mg/L) #18#2	MLVSS (mg/L) X1000 #18#2	SettS.			Sh	Ĵ	(mg/L)	NH3-N (mg/L)	Fecal Coliform Col./100ml
	Flow	8	jë.						≼ ⊑		@ E										Ö E	ay) E		Ē#	S (-			sp	P P	mg/	8 B	ξ.	Sol
Date	Total	1 15		Raw	Final	aw	Primary	Final	Stream	inal .	Lea I	Raw	Primary	Final	Zaw	Primary	<u>a</u>	Заw Риталу	ig.		Million Gal/L MLSS mg/L X 1000	<u> </u>	Oxygen (Ž.	MLSS (200	min.	"	Solids	Phosph (mg/L)	KN (mg/L)	Chlorine Residual	कृ	Z 23
1	19.24		₩.	<u>r</u> 7.4	正 7.3		<u>a'</u>	i.	জ	6.3	·	<u>nč</u> 188	<u> </u>	ᄪ	nž .	<u>-</u>	i <u>i</u>	158	íÏ.		<u>≅ ≥×</u> 3600		50 1 50	2 表	2050		8	S/I	%	立ち	<u>+</u>		- Ż	щÖ
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15	56.47	<u>'</u>		7.3	7.4	!				6.8	3	366		10				229	20		2980				1480	1070	100.0	0.07				0.01	4.00	2
16	72.44			7.5	7.2				<u> </u>	6.5		93		9				66	11		4160				1050	800	60.0	0.06				0.01	2.40	1
17	39.10	-	.}	7.4	7.5				ļ	5.9		93		6				83	8		3360				1350	980	100.0	0.07				0.01	3.60	1
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24	21.31			7,4	7.2					5.2	2	186		9				157	15	***************************************	4200				2100	1590	170.0	0.08				0.01	5.00	1
25	20.72	2		7.2	7.1	<u> </u>				3.6	ŝ	174		6				167	15		4290				2210	1620	170.0	0.08				0.01	4.90	8
26	20.90	· · · · · · · · · · · · · · · · · · ·		7.3	7.2					5.8		185		6				173	16		3930				2190	1630	170.0	0.08			7.40	0.01	5.60	8
27	21.34	_	 	6.9	7.2					2.8		238		5				185	12		3750				2100	1610	150.0	0.07		1.17		0.01	5.50	5
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L				ections;		O							l Waste	Populat	ulation Equivalent								Operator				DJ Rheinlaender							
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t		Connect Inection									-		303717		22735					4802			Cert. #				16499							
t		ctions >				0							Flow		BOD			TSS					Phone #					(502) 540-6042						
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