



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

July 23, 2012

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

RE: Derek Guthrie WQTC, KPDES No: KY0078956
Discharge Monitoring Report - June 2012

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 June 2012.

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

Also included are the 2nd Qtr bio-monitoring report.

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/Derek Guthrie 0612

Enclosures

cc: C. Roth
T. Singleton
R. Shaw



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

PERMITTEE NAME/ADDRESS (Include

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

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
FROM 12	06	01	TO 12	06	30

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

NOTE: Read instructions before completing this form

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE			
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS						
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT			***	7			(19) MG/L	0	01/01	GR			
00300 1 0 0	PERMIT MEASUREMENT	*****	*****	***	2 INST MIN	*****	*****	(19) MG/L		DAILY	GRAB			
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	30613	35406	(26) LBS/DY		161	208	(19) MG/L	0	01/01	CP			
BOD, 5-DAY (20 DEG. C)	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		DAILY	COMPOS			
00310 G 0 0	SAMPLE MEASUREMENT	1206	1466	(26) LBS/DY		6	8	(19) MG/L	0	01/01	CP			
RAW SEW/INFLUENT	PERMIT MEASUREMENT	7506 MO AVG	11259 MX WK AV	(26) LBS/DY	*****	30 MO AVG	45 MX WK AV	(19) MG/L		DAILY	COMPOS			
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT			***	6.9		7.9	(12) SU	0	01/01	GR			
00310 1 0 1	PERMIT MEASUREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		DAILY	GRAB			
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	34812	40584	(26) LBS/DY		174	206	(19) MG/L	0	01/01	CP			
PH	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		DAILY	COMPOS			
00400 1 0 0	SAMPLE MEASUREMENT	1369	2322	(26) LBS/DY		6	7	(19) MG/L	0	01/01	CP			
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	7506 MO AVG	11259 MX WK AV	(26) LBS/DY	*****	30 MO AVG	45 MX WK AV	(19) MG/L		DAILY	COMPOS			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	2660	2770	(26) LBS/DY		14	16	(19) MG/L	0	01/01	CP			
00530 G 0 0	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		DAILY	COMPOS			
RAW SEW/INFLUENT	SAMPLE MEASUREMENT			***										
SOLIDS, TOTAL SUSPENDED	PERMIT MEASUREMENT			***										
00530 1 0 1	SAMPLE MEASUREMENT			***										
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT			***										
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT			***										
00610 G 0 0	PERMIT MEASUREMENT			***										
RAW SEW/INFLUENT	SAMPLE MEASUREMENT			***										
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. 1001 AND 33 U.S.C. 1310. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.														
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER GREG HEITZMAN EXECUTIVE DIRECTOR					SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			TELEPHONE 502 540-6000	DATE 12 07 27					
TYPED OR PRINTED					AREA CODE			NUMBER	YEAR	MO	DAY			
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)														
USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.														

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Facility Name/Location if different)

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LOUISVILLE KY 40211
FACILITY 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

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

MONITORING PERIOD
FROM YEAR MO DAY TO YEAR MO DAY
12 06 01 12 06 30

NOTE: Read instructions before completing this form

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 1	SAMPLE MEASUREMENT	237	644	(26) LBS/DY		1	2	(19) MG/L	0	01/07	CP
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	3253 MO AVG	4879 MX WK AV	(26) LBS/DY	*****	20 MO AVG	30 MX WK AV	(19) MG/L		DAILY	COMPOS
NITROGEN, KJELDAHL TOTAL (AS N) 00625 1 0 1	SAMPLE MEASUREMENT	427	637	(26) LBS/DY		2	3	(19) MG/L	0	01/07	CP
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AVG	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P) 00665 1 0 1	SAMPLE MEASUREMENT	221	257	(26) LBS/DY		1.2	2.0	(19) MG/L	0	01/07	CP
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AVG	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 G 0 0	SAMPLE MEASUREMENT	23.10	51.63	(03) MGD				*** ***	0	CN	CN
RAW SEW/INFLUENT	PERMIT MEASUREMENT	REPORT MO AVG	REPORT Daily MAX	(03) MGD	*****	*****	*****	*** ***		CONTIN UOUS	CONTIN
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0	SAMPLE MEASUREMENT	24.05	62.88	(03) MGD				*** ***	0	CN	CN
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	REPORT MO AVG	REPORT Daily MAX	(03) MGD	*****	*****	*****	*** ***		CONTIN UOUS	CONTIN
CHLORINE, TOTAL RESIDUAL 50060 1 0 0	SAMPLE MEASUREMENT			*** ***			<0.010	(19) MG/L	0	01/01	GR
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	*** ***	*****	*****	0.019 DAILY MX	(19) MG/L		DAILY	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 0	SAMPLE MEASUREMENT			*** ***		5	11	(13) 100ML	0	01/01	GR
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	*** ***	*****	200 30DA GEO	400 7 DA GEO	(13) 100ML		DAILY	GRAB
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. 1001 AND 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.					TELEPHONE		DATE		
GREG HEITZMAN EXECUTIVE DIRECTOR							502 540-6000		12 07 23		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE	NUMBER			

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

PERMITTEE NAME/ADDRESS (Include

Facility Name/Location if different)

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 ADDRESS C/O CEDAR CREEK WQTC
 4522 ALGONQUIN PKWY
 LOUISVILLE KY 40211
 FACILITY 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

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

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 12	06	01	TO	12	06	30

NOTE: Read instructions before completing this form

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY PERCENT REMOVAL	SAMPLE MEASUREMENT			***	96			(23) CENT	0	28 MONTH	CALCTD
31010 K 0 0 PERCENTREMOVAL	PERMIT MEASUREMENT	*****	*****	***	85 MO AVG	*****	*****	(23) CENT		ONCE/ MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT			***	96			(23) CENT	0	28 MONTH	CALCTD
31011 K 0 0 PERCENTREMOVAL	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/ MONTH	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 GREG HEITZMAN
 EXECUTIVE DIRECTOR

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 502 | 540-6000

DATE
 07 | 07 | 23

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

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

KY0078956
 PERMIT NUMBER

001 R
 DISCHARGE NUMBER

MAJOR
 (SUBR LV)
 F - FINAL JEFFE
 REASONABLE POTENTIAL
 EFFLUENT
 [] No Discharge

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

MONITORING PERIOD
 FROM YEAR 12 MO 06 DAY 01 TO YEAR 12 MO 06 DAY 30

NOTE: Read instructions before completing this form

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
CHROMIUM, HEXAVALENT (AS CR)	SAMPLE MEASUREMENT			***		0.01	0.01	(19) MG/L	0	01/30	CP
010321 0 0	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/ MONTH	COMP
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
	SAMPLE MEASUREMENT										
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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 GREG HEITZMAN
 EXECUTIVE DIRECTOR

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT, SEE 18 U.S.C. 1001 AND 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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DATE
 12 07 13

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

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LOUISVILLE KY 40211
FACILITY DEREK R. GUTHRIE WQTC

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ATTN: DENNIS THOMASSON SR. METRO OPS

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

KY0078956
PERMIT NUMBER

001 Y
DISCHARGE NUMBER

MAJOR
(SUBR LV)
F - FINAL JEFFE
BIOMONITORING/METALS/QUARTERLY
EFFLUENT
[] No Discharge

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 12	4	01	TO	12	6	30

NOTE: Read instructions before completing this form

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
HARDNESS, TOTAL (AS CaCO3) 00900 1 0 0	SAMPLE MEASUREMENT			***		226	226	(19) MG/L	0	01/90	CP
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMP
ZINC TOTAL RECOVERABLE 01094 1 0 0	SAMPLE MEASUREMENT			***		0.021	0.021	(19) MG/L	0	01/90	CP
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMP
CADMIUM TOTAL RECOVERABLE 01113 1 0 0	SAMPLE MEASUREMENT			***		<0.001	<0.001	(19) MG/L	0	01/90	CP
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMP
LEAD TOTAL RECOVERABLE 01114 1 0 0	SAMPLE MEASUREMENT			***		<0.08	<0.08	(19) MG/L	0	01/90	CP
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMP
COPPER TOTAL RECOVERABLE 01119 1 0 0	SAMPLE MEASUREMENT			***		<0.006	<0.006	(19) MG/L	0	01/90	CP
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMP
TOXICITY, FINAL CONC TOXICITY UNITS 01406 1 0 0	SAMPLE MEASUREMENT			***			<1.0	(2F) TOXCT	0	01/90	GR-2
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****		1.00 DAILY MX	(2F) TOXCT		QTRLY	GRAB-2
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. 1001 AND 33 U.S.C. 1310. (Penalties under those statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.					TELEPHONE		DATE			
GREG HEITZMAN EXECUTIVE DIRECTOR						502	540-6000	12	07	23	
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE	NUMBER	YEAR	MO	DAY	
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)											

Name of Sewage Treatment Plant:

West County WTP

Jefferson

Month of:

June

2012

KPDES Permit Number:

KY0078958

Plant Capacity:

30 MGD

Receiving Stream:

Ohio River

Date	Total Flow (MG)	Raw Sewage		pH	Settleable Solids (mL/L)			Dissolved Oxygen (mg/L)			Suspended Solids (mg/L)			Total Solids (mg/L)			5-day BOD (mg/L)			Activated Sludge		Aeration Basin							Dig. Sludge		Final					
		Grill Removed (cu. ft.)	Screenings (cu. ft.)		Raw	Primary (or Sec.)	Final	Stream Above	Final	Stream Below	Raw	Primary (or Sec.)	Final	Raw	Primary (or Sec.)	Final	Raw	Primary (or Sec.)	Final	Return	WAS	Oxygen (mg/L) #1	Oxygen (mg/L) #2	MLSS (mg/L) X1000 #1&2	MLVSS (mg/L) X1000 #1&2	30 min. Settle. SVI	% Solids	Phosphorus (mg/L)	TKN (mg/L)	Chlorine Residual (mg/L)	NH3-N (mg/L)	Fecal Coliform Col/100ml	Hexavalent Chromium	Hardness		
1	62.88			7.4	7.4			6.5		242		14			101		6			8450			3080	1970	190.0	0.08				0.01	2.60	21				
2	37.10			7.5	7.6			7.1		70		9			83		4			5830			2690	1740	180.0	0.07				0.01	2.90	2				
3	27.20			7.5	7.8			7.0		110		7			79		4			3840			2480	1720	160.0	0.07				0.01	4.00	2				
4	27.20			7.5	7.4			6.8		100		5			81		5			3990			2270	1490	160.0	0.07				0.01	3.90	2				
5	27.27			7.4	7.4			7.0		138		5			118		8			7050			4130	2740	310.0	0.08		1.02	2.80	0.01	0.34	7				
6	26.58			7.4	7.4			6.8		128		5			92		3			6980			3800	2400	320.0	0.08				0.01	1.60	2				
7	23.16			7.6	7.4			7.0		148		8			107		3			7000			4550	3110	320.0	0.07				0.01	0.34	7				
8	22.25			7.5	7.4			7.4		184		4			125		4			6430			5410	3780	300.0	0.08				0.01	0.22	7				
9	21.63			7.5	7.6			7.2		208		5			212		4			5990			3750	2820	310.0	0.08				0.01	0.28	3				
10	21.14			7.3	7.4			6.8		210		5			139		3			5540			3460	2510	310.0	0.09				0.01	0.62	3				
11	21.38			7.4	7.5			7.0		184		5			125		4			5740			3780	2800	310.0	0.08				0.01	0.39	2				
12	20.56			7.3	7.5			7.0		160		4			202		5			5170			3380	2540	300.0	0.09		1.48		0.01	0.22	18				
13	20.93			7.9	7.4			7.1		134		8			162		5			4930			3110	2280	300.0	0.10			1.80	0.01	0.50	3	0.01		236	
14	21.25			7.1	7.8			7.0		138		6			122		8			4510			2900	2180	280.0	0.09				0.01	0.40	3				
15	21.15			7.5	7.5			7.0		146		6			158		5			4750			2840	1940	280.0	0.10				0.01	0.30	4				
16	22.44			7.8	7.9			7.0		158		7			148		5			4540			3130	2440	240.0	0.08				0.01	0.30	7				
17	22.95			7.9	7.4			6.8		190		9			139		8			4810			2980	2250	250.0	0.08				0.01	0.40	8				
18	24.35			7.5	7.5			7.1		182		8			197		8			4790			2830	2160	240.0	0.08				0.01	0.60	5				
19	21.44			7.4	7.7			7.0		206		8			140		7			4840			2700	2050	250.0	0.09		0.80	2.00	0.01	0.28	100				
20	22.22			7.6	7.6			7.0		184		7			201		12			4270			2770	2110	250.0	0.09				0.01	0.28	110				
21	22.28			7.6	7.6			7.0		188		5			201		14			4130			2680	2080	210.0	0.08				0.01	1.50	3				
22	21.15			7.8	7.4			7.0		172		5			181		11			3840			3340	1910	190.0	0.08				0.01	2.80	2				
23	21.25			7.7	7.7			7.0		178		9			175		5			4090			2770	2110	210.0	0.08				0.01	1.80	2				
24	20.81			7.4	7.0			7.0		234		7			131		6			4080			2810	1980	240.0	0.09				0.01	0.30	4				
25	21.11			7.2	7.0			7.0		184		8			150		6			4330			2830	2140	230.0	0.08				0.01	1.10	6				
26	20.02			7.0	7.2			7.0		206		5			227		6			5480			3890	2700	310.0	0.08		1.54	2.40	0.01	0.11	4				
27	19.85			6.9	6.9			7.0		220		5			407		6			5830			4050	3010	300.0	0.07				0.01	0.84	8				
28	19.88			7.0	7.0			7.0		248		5			184		8			5220			3580	2720	280.0	0.08				0.01	0.28	6				
29	19.93			7.1	7.2			7.0		222		7			184		11			4980			6920	5220	230.0	0.03				0.01	0.45	3				
30	20.07			7.1	7.4			7.0		270		5			189		8			4770			2980	2240	260.0	0.09				0.01	0.73	5				
Total	721.36	0	0																0.0	0.0			3368.00	2429.33	256.33	0				0.01	0.78	28				
Avg.	24.05			7.4	7.4			7.0		174		6			161		6			5199.3							1.21	2.25	0.01	1.02	5	0.01	236			

Total Number of Sewer Connections:

0

Residential Connections:

Commercial Connections:

Industrial Connections:

Sewer Connections X 4 =

0

Industrial Waste Population Equivalent

229003

Flow

190039

BOD

166808

TSS

Operator

Della Hayes

Cont. #

20730

Phone #

502-540-8042