



700 West Liberty Street | Louisville, KY 40203-1911
Phone: 502.540.6000 | LouisvilleMSD.org

November 22, 2016

Cheryl Edwards
Permit Support Section
Surface Water Permits Branch
Division of Water
200 Fair Oaks Lane 4th Floor
Frankfort, KY 40601

Re: Morris Forman Water Quality Treatment Center
KPDES Permit No. KY0022411

Dear Ms. Edwards:

In accordance with the provisions of the KPDES Permit referenced above, the monthly Discharge Monitoring Report (DMR) and monthly Discharge (overflow) Reports for the reporting period October 1st to October 31st are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet the Secondary seven and 30 day TSS, Secondary seven and 30 day BOD, and percent removal percentage for TSS. All other effluent parameters were met.

Capital construction involving process area shutdowns continued to impact plant performance at MFWQTC. Compromised solids processing capability has also contributed to the exceedances. MFWQTC continues to employ additional solids processing methods and is purchasing additional Liquid Oxygen in an effort to meet permit requirements.

Should you have any questions, please contact me at (502) 540-6793.

Sincerely,

Alex E. Novak, P.E.
Treatment Facilities Director

Vgt

DMR Copy of Record

Permit					
Permit #:	KY0022411	Permittee:	Morris Forman WQTC MSD	Facility:	MORRIS FORMAN WQTC MSD
Major:	Yes	Permittee Address:	700 W Liberty St Louisville, KY 40203	Facility Location:	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211
Permitted Feature:	001 External Outfall	Discharge:	001-1 MUNICIPAL DISCHARGE		

Report Dates & Status					
Monitoring Period:	From 10/01/16 to 10/31/16	DMR Due Date:	11/28/16	Status:	NetDMR Validated

Considerations for Form Completion
 G - INFLUENTE - SECONDARY EFFLUENT1 - FINAL EFFLUENT - Parameter 74055 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

Principal Executive Officer					
First Name:	James A.	Title:	Executive Director	Telephone:	502-540-6000
Last Name:	Parrott				

No Data Indicator (NODI)
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type						
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	2.8					19 - mg/L	0	01/01 - Daily	GR - GRAB				
					Permit Req.					>=	2 INST MIN					19 - mg/L		01/01 - Daily	GR - GRAB				
					Value NODI																		
X 00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0	--	Sample	=	31971	=	61030	26 - lb/d		=	70	=	126	19 - mg/L	0	01/01 - Daily	CP - COMPOS				
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS				
					Value NODI																		
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample	=	295798	=	356821	26 - lb/d		=	667	=	744	19 - mg/L	0	01/01 - Daily	CP - COMPOS				
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS				
					Value NODI																		
00400	pH	1 - Effluent Gross	0	--	Sample					=	6.3				12 - SU	0	01/01 - Daily	GR - GRAB					
					Permit Req.					>=	6 MINIMUM			<=	9 MAXIMUM		12 - SU	01/01 - Daily	GR - GRAB				
					Value NODI																		
X 00530	Solids, total suspended	E - Secondary/Biological Process Complete	0	--	Sample	=	43940	=	110147	26 - lb/d		=	95	=	228	19 - mg/L	0	01/01 - Daily	CP - COMPOS				
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS				
					Value NODI																		
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	269209	=	287897	26 - lb/d		=	603	=	645	19 - mg/L	0	01/01 - Daily	CP - COMPOS				
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS				
					Value NODI																		
00610	Nitrogen, ammonia total [as N]	E - Secondary/Biological Process Complete	0	--	Sample	=	8401	=	8492	26 - lb/d		=	19.2	=	20.7	19 - mg/L	0	01/01 - Daily	CP - COMPOS				
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		<=	20 MO AVG	<=	30 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS				
					Value NODI																		
00610	Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0	--	Sample	=	7243	=	8058	26 - lb/d		=	16.4	=	17.2	19 - mg/L	0	01/01 - Daily	CP - COMPOS				
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS				
					Value NODI																		
50050	Flow, in conduit or thru treatment plant	E - Secondary/Biological Process Complete	0	--	Sample	=	52.95	=	79.25	03 - MGD							0	99/99 - Continuous	CN - CONTIN				
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								99/99 - Continuous	CN - CONTIN				
					Value NODI																		
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample									<	0.012	19 - mg/L	0	01/01 - Daily	GR - GRAB				
					Permit Req.											<=		0.019 DAILY MX	19 - mg/L	01/01 - Daily	GR - GRAB		
					Value NODI																		
74055	Coliform, fecal general	1 - Effluent Gross	1	--	Sample									=	97	13 - #/100mL	0	01/01 - Daily	GR - GRAB				
					Permit Req.											<=		200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL	01/01 - Daily	GR - GRAB
					Value NODI																		
81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample					=	89					23 - %	0	01/30 - Monthly	CA - CALCTD				
					Permit Req.											>=		85 MO MIN	23 - %	01/30 - Monthly	CA - CALCTD		
					Value NODI																		
X 81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample					=	84					23 - %	0	01/30 - Monthly	CA - CALCTD				
					Permit Req.											>=		85 MO MIN	23 - %	01/30 - Monthly	CA - CALCTD		
					Value NODI																		

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors						
Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge

00530	Solids, total suspended	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
00530	Solids, total suspended	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes
81011	Solids, suspended percent removal	K - Percent Removal	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes

Comments

Attachments

Name	Type	Size
MFWQTC102016CoverLetter.pdf	pdf	48905
MFWQTC102016MOR.pdf	pdf	243026

Report Last Saved By

Morris Forman WQTC MSD

User:	robin.burch@louisvillemsd.org	Date/Time:	2016-11-22 12:46 (Time Zone: -05:00)
Name:	Robin Burch		
E-Mail:	robin.burch@louisvillemsd.org		

DMR Copy of Record

Permit			
Permit #:	KY0022411	Permittee:	Morris Forman WQTC MSD
Major:	Yes	Permittee Address:	700 W Liberty St Louisville, KY 40203
Permitted Feature:	001 External Outfall	Discharge:	001-B SECONDARY BYPASS
Facility:		Facility Location:	MORRIS FORMAN WQTC MSD 4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

Report Dates & Status			
Monitoring Period:	From 10/01/16 to 10/31/16	DMR Due Date:	11/28/16
Status:	NetDMR Validated		

Considerations for Form Completion
 MONITORING DURING PERIODS OF SECONDARY BYPASS IN ADDITION TO REGULAR MONITORING.1 - FINAL EFFLUENTF - SECONDARY BYPASS AFTER PRIMARYTREATMENT.

Principal Executive Officer			
First Name:	James A	Title:	Executive Director
Last Name:	Parrott	Telephone:	502-540-6000

No Data Indicator (NODI)
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample						=	206	=	206	19 - mg/L	02/30 - Twice Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L		
					Value NODI												
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample						=	444	=	444	19 - mg/L	02/30 - Twice Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L		
					Value NODI												
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	335	=	335	19 - mg/L	02/30 - Twice Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L		
					Value NODI												
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample						=	564	=	564	19 - mg/L	02/30 - Twice Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L		
					Value NODI												
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	14.1	=	14.1	19 - mg/L	02/30 - Twice Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L		
					Value NODI												
00610	Nitrogen, ammonia total [as N]	F - Primary/Preliminary Process Complete	0	--	Sample						=	18.7	=	18.7	19 - mg/L	02/30 - Twice Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L		
					Value NODI												
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample	=	11.61	=	0	03 - MGD					02/30 - Twice Per Month WH/DS - When Discharging	CN - CONTIN CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD							
					Value NODI												

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By
Morris Forman WQTC MSD

User:	robin.burch@louisvillemtd.org	Date/Time:	2016-11-22 12:46 (Time Zone: -05:00)
Name:	Robin Burch		
E-Mail:	robin.burch@louisvillemtd.org		

Format: Month/Day/Year
 Enter Start Date: 10/1/16

Press (Ctrl r) to recalculate spreadsheet.

MORRIS FORMAN WATER QUALITY TREATMENT CENTER JEFFERSON COUNTY, KENTUCKY MONTH OF October-16
 KPDES PERMIT NO. KY0022411 PLANT CAPACITY - 120 MGD RECEIVING STREAM-CHIO RIVER

DATE	WASTEWATER FLOWS (Million Gallons)				TEMP (DEGF)		pH		SETS (ML)		TSS (mg/L)		D.O. (mg/L)		5-DAY BOD (mg/L)			RETURN SLUDGE				AERATION BASIN				ACTIVE		CHLORINATION			FINAL EFFLUENT		
	Final	Sec.	Bypass		raw	final	raw	final	raw	final	raw	final	raw	final	prim.	FLOW MG	TSS g/L	TVSS g/L	D.O. mg/L	MLSS g/L	MLVSS g/L	SET	SVI	Sludge Wasted MG	Primary Sludge MG	Chlorine Dosage KLBS	Resid mg/L	Fecal Coliform #/100 ml	NH3-N mg/L	Pump. Hours			
	Effluent	Effluent													final																		
10/1/16	66.32	66.32	0.00		69	69	6.8	6.3	14.0	0.1	380	18	4.5	548	319	25	33.2	19.8	17.3	8.6	4.4	3.8	233	53	1.36	0.16	126.45	0.012	71	13	0.0		
10/2/16	56.84	56.84	0.00		72	72	6.8	6.5	14.9	0.1	468	25	4.4	489	463	33	33.0	19.2	15.9	8.6	5.3	4.3	258	49	1.42	0.22	128.56	0.012	79	18	0.0		
10/3/16	53.23	53.23	0.00		72	72	7.0	6.4	18.2	0.1	512	16	5.8	643	442	26	33.2	19.1	15.9	7.9	5.9	5.2	277	47	1.20	0.20	130.93	0.012	52	17	0.0		
10/4/16	52.08	52.08	0.00		75	75	7.1	6.6	18.9	0.1	528	43	4.7	606	528	46	33.4	18.8	16.6	6.8	5.9	5.2	270	62	1.35	0.27	133.85	0.012	54	21	0.0		
10/5/16	53.58	53.58	0.00		75	75	7.0	6.5	20.1	0.1	584	33	5.9	835	500	39	33.3	18.8	15.3	6.8	5.2	4.3	327	62	1.45	0.33	136.74	0.012	32	22	0.0		
10/6/16	50.26	50.26	0.00		76	76	6.8	6.6	18.5	0.1	580	268	5.4	803	496	39	30.7	22.9	18.5	7.0	5.9	4.9	280	47	1.41	0.31	139.80	0.012	275	20	0.0		
10/7/16	47.93	47.93	0.00		76	76	7.1	6.6	27.5	0.3	640	45	7.2	777	694	61	30.3	22.0	18.3	7.3	5.8	5.0	320	56	1.38	0.28	142.64	0.012	410	20	0.0		
10/8/16	47.33	47.33	0.00		74	74	7.0	6.6	22.0	1.2	744	121	6.1	681	433	84	31.3	21.6	18.2	7.3	5.5	4.5	235	44	1.37	0.24	145.86	0.012	84	20	0.0		
10/9/16	44.89	44.89	0.00		73	73	6.8	6.6	18.9	0.1	572	39	5.1	1118	495	55	31.2	18.8	15.9	7.0	4.9	4.1	242	49	1.50	0.16	151.49	0.012	50400	22	0.0		
10/10/16	39.95	39.95	0.00		72	72	6.8	6.7	26.2	0.1	688	36	6.0	577	544	40	31.6	18.9	15.8	5.2	4.8	4.2	367	66	0.98	0.26	153.30	0.012	1280	18	0.0		
10/11/16	47.12	47.11	0.01		76	76	7.0	6.4	22.5	0.3	580	41	5.3	711	444	54	31.8	20.5	17.5	5.2	5.7	4.8	373	66	0.67	0.29	155.83	0.012	240	22	0.0		
10/12/16	48.50	48.50	0.00		73	73	6.9	6.6	20.7	0.2	620	49	3.8	804	598	81	32.0	19.4	16.1	6.8	6.3	5.2	319	51	0.67	0.28	158.88	0.012	4	21	0.0		
10/13/16	47.35	47.35	0.00		77	77	7.0	6.5	20.1	0.1	596	43	3.9	661	475	51	31.6	15.4	12.9	5.5	5.7	4.8	372	65	1.19	0.32	161.91	0.012	4	20	0.0		
10/14/16	52.03	52.03	0.00		71	71	6.9	6.5	21.4	0.1	712	34	4.9	656	576	52	30.7	20.0	17.1	5.5	4.7	3.9	270	61	1.37	0.32	165.08	0.012	15	21	0.0		
10/15/16	46.87	46.87	0.00		74	74	6.8	6.5	19.9	0.1	699	32	4.8	866	674	61	30.9	20.4	17.1	5.5	5.8	4.8	300	53	1.51	0.29	168.18	0.012	139	21	0.0		
10/16/16	46.36	46.36	0.00		77	77	7.0	6.5	14.0	0.2	396	48	3.0	419	700	67	31.8	20.0	17.1	7.3	7.5	6.6	355	47	1.52	0.15	171.90	0.012	4	20	0.0		
10/17/16	49.24	49.24	0.00		77	77	6.8	6.5	21.5	6.5	704	303	5.8	868	627	133	32.1	20.4	17.6	4.7	3.3	3.0	320	98	1.40	0.16	175.41	0.012	8	20	0.0		
10/18/16	50.85	50.85	0.00		79	79	6.6	6.5	17.0	8.0	492	291	4.1	630	608	191	32.0	18.3	15.4	5.1	8.7	7.3	294	94	1.46	0.21	179.58	0.012	80	24	0.0		
10/19/16	49.77	49.77	0.00		79	79	6.6	6.3	23.0	8.5	604	340	3.5	1040	728	233	31.6	19.3	16.1	5.1	5.0	4.3	313	62	1.53	0.24	183.80	0.012	220	20	0.0		
10/20/16	100.83	79.25	21.58		75	75	6.6	6.6	20.0	16.5	640	565	2.9	668	610	311	31.8	19.0	16.8	7.5	6.0	5.5	437	73	1.49	0.27	192.43	0.012	54	18	0.0		
10/21/16	69.68	68.02	1.64		70	70	7.1	6.4	15.0	1.2	520	104	4.6	654	278	101	31.6	15.0	12.7	8.6	3.6	3.0	197	54	1.38	0.26	194.94	0.012	5	10	0.0		
10/22/16	47.02	47.02	0.00		73	73	7.0	6.6	20.0	0.6	544	73	5.6	684	345	54	32.1	12.4	10.4	8.6	4.0	3.3	240	60	1.52	0.16	196.88	0.012	164	16	0.0		
10/23/16	46.24	46.24	0.00		70	70	7.0	6.7	16.5	0.1	596	32	4.0	372	289	23	32.4	13.1	11.2	9.3	4.8	4.1	258	53	1.53	0.19	198.91	0.012	260	16	0.0		
10/24/16	47.05	47.05	0.00		74	74	7.0	6.6	20.0	0.1	548	32	5.9	617	442	29	31.8	13.4	11.3	8.1	4.9	4.2	300	60	1.53	0.23	201.04	0.012	50	16	0.0		
10/25/16	54.69	54.69	0.00		68	68	6.8	6.6	24.5	0.4	780	97	5.1	897	701	89	31.1	13.2	11.4	6.7	5.7	5.0	331	57	1.53	0.26	203.50	0.012	121	22	0.0		
10/26/16	59.17	59.17	0.00		72	72	6.9	6.8	20.0	0.4	584	96	4.8	533	417	101	30.7	16.8	14.6	2.6	6.6	5.8	326	49	1.52	0.18	208.01	0.012	140	23	0.0		
10/27/16	63.60	63.60	0.00		72	72	6.0	6.6	17.5	0.1	524	51	2.8	460	441	66	31.2	17.4	15.1	5.9	7.1	6.2	363	51	1.51	0.14	212.18	0.012	46	20	0.0		
10/28/16	57.17	57.17	0.00		70	70	6.7	6.5	29.0	0.3	716	52	3.8	342	21	37	30.7	20.1	18.1	7.1	8.2	6.8	477	58	1.35	0.18	216.66	0.012	980	19	0.0		
10/29/16	55.86	55.86	0.00		71	71	6.8	6.5	28.0	0.2	762	48	4.0	597	393	56	28.6	19.2	16.3	6.3	6.7	5.7	534	80	1.50	0.26	220.54	0.012	22	22	0.0		
10/30/16	55.08	55.08	0.00		75	75	6.7	6.5	24.5	0.1	696	55	4.2	529	435	74	28.5	18.3	15.5	4.1	7.2	6.0	488	69	1.71	0.21	225.80	0.012	46	21	0.0		
10/31/16	57.81	57.81	0.00		72	72	6.9	6.6	23.5	0.1	676	89	4.8	590	458	116	30.0	16.6	14.2	2.9	5.6	4.9	362	65	1.48	0.20	232.42	0.012	60000	23	0.0		
Total	1664.5	1641.3	23.2														976.3																0.0
Average	53.7	52.9	7.7		73.5	73.5	6.8	6.5	20.6	1.5	603	101	4.7	667	489	78	31.5	18.3	15.5	6.5	5.7	4.9	324	56	1.38	0.23	174.83	0.012	97	20	0.0		

SEWER CONNECTIONS 146869 TIMES 4 = 566676 SEWER POPULATION

IND. WASTER POPULATION EQ
 CUSTOMERS 366
 FLOW -75315
 BOD 1170106
 TSS 698596

Authorized Agent



Certification No. 5691

MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

Month of Oct-16

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	53.69	-7.14	21.09	6.94
Tanks in Service	4.00	4.6	7.9	3.0
Surface Area (Ft.2)	77000.00	39977.14	68660.70	25950.00
Volume (MG)	8.33	4.09	7.03	2.66
Weir Length (Ft.)	2860.00	1656.86	2845.65	1075.50
Avg. Weir Overflow (GPD/Ft)	18773.74	-4306.76	7411.58	6450.41
Avg. Settling Rate (GPD/Ft2)	697.31	71.65	540.83	474.75
Avg. Detention Time	3.72	-13.77	8.00	9.20

AERATION TANKS

	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	2.86	37.13	12.32
Avg. Detention Time (Hours)	-14.13	4.78	7.26

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	2.0
Volume (Gallons)	2340000
Avg. Detention Time (Hours)	-3.94

Remarks: BY-PASS REPORTS (See Attached)

Louisville and Jefferson County
Metropolitan Sewer District
Wastewater Customer Count

Oct-16

Plant Code	Service Area		Residential Customers		Commercial Customers		Industrial Customers		Metro Customers		Multi Customers		Total Customers	
			Actives	Inactives	Actives	Inactives	Actives	Inactives	Actives	Inactives	Actives	Inactives	Actives	Inactives
140	Derek Guthrie	LWC	62,599	3,043	3,579	360	22	2	25	1	2	1	66,227	3,407
151	Morris Forman - City	LWC	68,047	11,239	8,874	1,625	244	69	237	11	2	24	77,404	12,968
152	Morris Forman - County	LWC	50,491	1,304	4,611	478	50	3	33	0	1	1	55,186	1,786
			118,538	12,543	13,485	2,103	294	72	270	11	3	25	146,669	366
153	Hite Creek	LWC	9,905	152	602	32	8	0	0	0	1	0	10,516	184
235	Glen Oaks - Sec. 5 Only (Hite Creek)	LWC	267	0	1	0	0	0	0	0	0	0	268	0
237	Cedar Creek	LWC	17,087	251	1,058	58	9	0	3	0	6	0	18,163	309
244	Moser Farm (Hite Creek)	LWC	166	0	0	0	0	0	0	0	0	0	166	0
294	Floyds Fork	LWC	8,403	86	452	14	2	0	3	0	0	0	8,860	100
Sub-Total			335,503	28,618	32,662	4,670	629	146	571	23	15	51	383,459	19,120
Grand Total			364,121		37,332		775		594		66		402,888	

Submitted by: Adonis Henderson
Date: 11/2/2016