



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

October 11, 2019

Crystal Dennis
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. Dennis:

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 September 30th 2019 are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet 30 day TSS, 7 day TSS, 30 day BOD, 7 day BOD, TSS percent removal, BOD percent removal for the reporting period.

Compromised solids handling equipment is contributing to our effluent exceedances. MSD is currently working with a 3rd party consultant to create a biosolids revitalization project that will overhaul our solids handling process. MFWQTC continues to employ employee Liquid Oxygen purchases in effort to assist in meeting permit requirements.

Quarterly Acute Toxicity testing was performed July 2, 2019 on the final effluent with a passing result.

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

Sincerely,

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

MORRIS FORMAN WASTEWATER TREATMENT PLANT JEFFERSON COUNTY, KY

Month of Sep-19

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	58.73	15.18	13.92	6.87
Tanks in Service	4.00	7.0	7.0	4.0
Surface Area (Ft.2)	77000.00	65827.82	64801.70	33020.80
Volume (MG)	8.33	6.74	6.64	3.38
Weir Length (Ft.)	2860.00	2728.24	2685.71	1368.55
Avg. Weir Overflow (GPD/Ft)	20535.69	5563.80	5182.23	5022.25
Avg. Settling Rate (GPD/Ft2)	762.75	382.50	369.09	327.07
Avg. Detention Time	3.40	10.66	11.45	11.81

AERATION TANKS

	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	25.18	23.92	10.80
Avg. Detention Time (Hours)	6.64	7.24	7.33

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	2.0
Volume (Gallons)	2340000
Avg. Detention Time (Hours)	1.85

Remarks: BY-PASS REPORTS (See Attached)

Enter Start Time End Time
 #####

BATTERY F RAS FLOW
 25.17937 10
 23.91798 10
 10.80009 3.926884

Start Date	End Date	Totalizer Date	Totalizer Date	Raw bypass	Plant Eff	Plant Eff
		Start Date	End Date	/1000000	/1000000	/1000000
9/1/19 0:00	9/2/19 0:00	#####	#####	0	64122044	64.122044
9/2/19 0:00	9/3/19 0:00	#####	#####	0	62300168	62.300168
9/3/19 0:00	9/4/19 0:00	#####	#####	0	66858064	66.858064
9/4/19 0:00	9/5/19 0:00	#####	#####	0	65826432	65.826432
9/5/19 0:00	9/6/19 0:00	#####	#####	0	65396056	65.396056
9/6/19 0:00	9/7/19 0:00	#####	#####	0	66170288	66.170288
9/7/19 0:00	9/8/19 0:00	#####	#####	0	62143220	62.143220
9/8/19 0:00	9/9/19 0:00	#####	#####	0	59277896	59.277896
9/9/19 0:00	9/10/19 0:00	#####	#####	0	58985184	58.985184
9/10/19 0:00	9/11/19 0:00	#####	#####	0	61991340	61.991340
9/11/19 0:00	9/12/19 0:00	#####	#####	0	62260052	62.260052
9/12/19 0:00	9/13/19 0:00	#####	#####	0	62163520	62.163520
9/13/19 0:00	9/14/19 0:00	#####	#####	0	62413392	62.413392
9/14/19 0:00	9/15/19 0:00	#####	#####	0	56803040	56.803040
9/15/19 0:00	9/16/19 0:00	#####	#####	0	55784716	55.784716
9/16/19 0:00	9/17/19 0:00	#####	#####	0	59500548	59.500548
9/17/19 0:00	9/18/19 0:00	#####	#####	0	49073968	49.073968
9/18/19 0:00	9/19/19 0:00	#####	#####	0	48100940	48.100940
9/19/19 0:00	9/20/19 0:00	#####	#####	0	50118884	50.118884
9/20/19 0:00	9/21/19 0:00	#####	#####	0	57223864	57.223864
9/21/19 0:00	9/22/19 0:00	#####	#####	0	50343168	50.343168
9/22/19 0:00	9/23/19 0:00	#####	#####	0	49419336	49.419336
9/23/19 0:00	9/24/19 0:00	#####	#####	0	54649392	54.649392
9/24/19 0:00	9/25/19 0:00	#####	#####	0	59860124	59.860124
9/25/19 0:00	9/26/19 0:00	#####	#####	0	59990152	59.990152
9/26/19 0:00	9/27/19 0:00	#####	#####	0	58853232	58.853232
9/27/19 0:00	9/28/19 0:00	#####	#####	0	59583984	59.583984
9/28/19 0:00	9/29/19 0:00	#####	#####	0	58524452	58.524452
9/29/19 0:00	9/30/19 0:00	#####	#####	0	55600928	55.600928
9/30/19 0:00	10/1/19 0:00	#####	#####	0	58732000	58.732000

Parameter Tag or Sou	Formula	Conv. Fact	Calculation
PI Hostnarr PI-Server			
Wastewater PLE002		1	ARCAVERAGE
Wastewater Sec. Effl	=b9-d9	1	NOCALC
Wastewater F900FI		1	ARCAVERAGE
Temp. Raw A105TI		1	ARCVAL
Temp. Fina PLE003		1	ARCVAL
pH Raw PLI003		1	ARCVAL
pH Final PLE005		1	ARCVAL
Sets Raw PLI004		1	ARCVAL
Sets Final PLE006		1	ARCVAL
TSS Raw PLI009		1	ARCVAL
TSS Final PLE013		1	ARCVAL
TS Raw PLI005		1	ARCVAL
TS Final PLE007		1	ARCVAL
D.O. Final PLE080		1	ARCVAL
5-Day BOD PLI017		1	ARCVAL
5-Day BOD PRE017		1	ARCVAL
5-Day BOD PLE025		1	ARCVAL
Return Slur RAS031		1	ARCVAL
Return Slur RAS032		1	ARCVAL
Return Slur RAS034		1	ARCVAL
Aeration D UNX003		1	ARCVAL
Aeration IV UNX009		1	ARCVAL
Aeration IV UNX011		1	ARCVAL
Aeration SI UNX013		1	ARCVAL
Aeration S UNX014		1	ARCVAL
Active Slud WAS031		1	ARCAVERAGE
Chlorinatio PLE004		1	ARCVAL
Final Efflue PLE041		1	ARCVAL

Calculation explanation

ARCTOTAL totalization, provide conversion factor. If engineering units for the tag are per day, then conversion fac

ARCMINIMUM minimum value within time range

ARCTOTAL maximum value within time range

ARCSTDEV standard deviation

ARCRANGE range of values for time range

ARCAVERAGE time-weighted average for time range

ARCMEAN arithmetic mean for the time range

ARCVAL a single archive value just before midnight.
This is relevant for manually input tags.

NOCALC Use this to populate rows that do no calculation

Change no positions on this sheet from A1 to E34.
Cell contents October be changed. For example, the name
of the tag representing the parameter October be changed if necessary.

19.13333
17.86667
16.53333
16.4
16.03333
17.83333
18.86667
17.93333
20.03333
17.93333
18.63333
17.83333
17.93333
20.66667
20.1
19.2
20.53333
18.36667
18.13333
18.26667
20.33333
19.53333
16.06667
18.9
18.93333
13.45
16.6
18.26667
19.6
0

Factor is 1. If engineering units are pe

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 09/01/19 to 09/30/19	DMR Due Date:	10/28/19
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:	Exec 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				Value 3
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample													
					Permit Req.													
					Value NODI													
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample													
					Permit Req.													
					Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample													
					Permit Req.													
					Value NODI													
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample													
					Permit Req.													
					Value NODI													
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample													
					Permit Req.													
					Value NODI													
00610	Nitrogen, ammonia total [as N]	F - Primary/Preliminary Process Complete	0	--	Sample													
					Permit Req.													
					Value NODI													
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample													
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD								
					Value NODI		C - No Discharge		C - No Discharge									

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
 MFWQTC experienced no secondary bypassing during the month of September.

Attachments
 No attachments.

Report Last Saved By
Morris Forman WQTC MSD
 User: kessel@louisvillemsd.org
 Name: John Kessel
 E-Mail: kessel@louisvillemsd.org
 Date/Time: 2019-10-15 11:03 (Time Zone: -04:00)

Report Last Signed By
 User: kessel@louisvillemsd.org
 Name: John Kessel
 E-Mail: kessel@louisvillemsd.org
 Date/Time: 2019-10-15 11:04 (Time Zone: -04:00)

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-Y BIOMONITORING/ONCE PER QUARTER		

Report Dates & Status					
Monitoring Period:	From 07/01/19 to 09/30/19	DMR Due Date:	10/28/19	Status:	NetDMR Validated

Considerations for Form Completion

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	
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample						=	249		=	249	19 - mg/L	01/90 - Quarterly	CP - COMPOS		
					Permit Req.															
					Value NODI															
01025	Cadmium, dissolved [as Cd]	1 - Effluent Gross	0	--	Sample						<	0.01		<	0.01	19 - mg/L	01/90 - Quarterly	CP - COMPOS		
					Permit Req.															
					Value NODI															
01040	Copper, dissolved [as Cu]	1 - Effluent Gross	0	--	Sample						<	0.01		<	0.01	19 - mg/L	01/90 - Quarterly	CP - COMPOS		
					Permit Req.															
					Value NODI															
01049	Lead, dissolved [as Pb]	1 - Effluent Gross	0	--	Sample						<	0.05		<	0.05	19 - mg/L	01/90 - Quarterly	CP - COMPOS		
					Permit Req.															
					Value NODI															
01090	Zinc, dissolved [as Zn]	1 - Effluent Gross	0	--	Sample						<	0.05		<	0.05	19 - mg/L	01/90 - Quarterly	CP - COMPOS		
					Permit Req.															
					Value NODI															
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.05		<	0.05	19 - mg/L	01/90 - Quarterly	CP - COMPOS		
					Permit Req.															
					Value NODI															
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.01		<	0.01	19 - mg/L	01/90 - Quarterly	CP - COMPOS		
					Permit Req.															
					Value NODI															
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.05		<	0.05	19 - mg/L	01/90 - Quarterly	CP - COMPOS		
					Permit Req.															
					Value NODI															
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.01		<	0.01	19 - mg/L	01/90 - Quarterly	CP - COMPOS		
					Permit Req.															
					Value NODI															
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample									<	1	2F - tox acute	01/90 - Quarterly	G2 - GRAB-2		
					Permit Req.											<=	1 DAILY MX	2F - tox acute	01/90 - Quarterly	G2 - GRAB-2
					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: kessel@louisvillemsd.org
Name: John Kessel
E-Mail: kessel@louisvillemsd.org

Date/Time: 2019-10-15 11:01 (Time Zone: -04:00)

Report Last Signed By

User: kessel@louisvillemsd.org

Name: John Kessel

E-Mail: kessel@louisvillemsd.org

Date/Time: 2019-10-15 11:04 (Time Zone: -04:00)

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 09/01/19 to 09/30/19	DMR Due Date:	10/28/19	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	=	4.2								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	=	32087	=	41211	26 - lb/d		=	66	=	86	19 - mg/L	2	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	=	195046	=	217311	26 - lb/d		=	401	=	496	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	0	01/01 - Daily	CP - COMPOS
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample	=	6.4					=	6.7		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	=	63754	=	85101	26 - lb/d		=	132	=	178	19 - mg/L	2	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	=	196119	=	208541	26 - lb/d		=	403	=	474	19 - mg/L	2	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	2	01/01 - Daily	CP - COMPOS
					Value NODI														
00610	Nitrogen, ammonia total [as N]	E - Secondary/Biological Process Complete	0	--	Sample	=	9194	=	9908	26 - lb/d		=	18.8	=	20.5	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	0	01/01 - Daily	CP - COMPOS
					Value NODI														
00610	Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0	--	Sample	=	9253	=	9717	26 - lb/d		=	19	=	20.6	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	0	01/01 - Daily	CP - COMPOS
					Value NODI														
50050	Flow, in conduit or thru treatment plant	E - Secondary/Biological Process Complete	0	--	Sample	=	58.73	=	64.68	03 - MGD							0	99/99 - Continuous	CN - CONTIN
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD							0	99/99 - Continuous	CN - CONTIN
					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample								<	0.016	19 - mg/L	0	01/01 - Daily	GR - GRAB	
					Permit Req.								<=	.019 DAILY MX	19 - mg/L	0	01/01 - Daily	GR - GRAB	
					Value NODI														
74055	Coliform, fecal general	1 - Effluent Gross	1	--	Sample							=	26	=	50	13 - #/100mL	0	01/01 - Daily	GR - GRAB
					Permit Req.							<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL	0	01/01 - Daily	GR - GRAB
					Value NODI														
X 81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample						=	83			23 - %	1	01/30 - Monthly	CA - CALCTD	
					Permit Req.						>=	85 MO MIN			23 - %	1	01/30 - Monthly	CA - CALCTD	
					Value NODI														
X 81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample						=	67			23 - %	1	01/30 - Monthly	CA - CALCTD	
					Permit Req.						>=	85 MO MIN			23 - %	1	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

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
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
81010	BOD, 5-day, 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
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

Comments

Attachments

Name	Type	Size
September2019_OverflowReport_MorrisForeman.pdf	pdf	70866
MFWQTCoverletter092019.pdf	pdf	32171

Report Last Saved By

Morris Forman WQTC MSD

User: kessel@louisvillemsd.org
 Name: John Kessel
 E-Mail: kessel@louisvillemsd.org
 Date/Time: 2019-10-15 11:02 (Time Zone: -04:00)

Report Last Signed By

User: kessel@louisvillemsd.org
 Name: John Kessel
 E-Mail: kessel@louisvillemsd.org
 Date/Time: 2019-10-15 11:04 (Time Zone: -04:00)



Report Selections: Period: 09/01/2019 00:00 thru 09/30/2019 23:59, treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV, DISSUS

KPDES # Facility ID Water Quality Treatment Center Receiving Stream of Treatment Center Region

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
---------------	-------------	------------------	--	------------------	--------------

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
------------------------------------	-------------	---------------	------------------	---------------------	--------------------	---------------------	-------------------	----------------	---------------	------------------	------------------

::

Total Facilities Printed: 1

Total Work Orders Printed: