

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

PERMITTEE NAME: City of Palm Bay ADDRESS: 120 Malabar Rd SE Palm Bay, FL 32907  FACILITY: Palm Bay #1 WRF LOCATION: 1105 Troutman Blvd NE Palm Bay, FL 32905  COUNTY: BREVARD	PERMIT NUMBER: FLA103357 LIMIT: FINAL REPORT: Monthly FACILITY TYPE: DW GROUP: Domestic MONITORING GROUP: R-001  DESCRIPTION: Public access reuse, including Influent  MONITORING PERIOD: From: 02/01/2017 To: 02/28/2017
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Parameter	Sample Measurement	Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow  PARM Code 50050 Y Mon. Site: FLW-5	Sample Measurement	0.575				0		
	Permit Requirement	2.3 (Annl Avg)	MGD				1 Continuous	Recording Flow Meter with Totalizer
Flow  PARM Code 50050 1 Mon. Site: FLW-5	Sample Measurement	0.680				0		
	Permit Requirement	Report (Mo Avg)	MGD				1 Continuous	Recording Flow Meter with Totalizer
Flow  PARM Code 50050 P Mon. Site: FLW-6	Sample Measurement	0.716				0		
	Permit Requirement	Report (Annl Avg)	MGD				1 Continuous	Recording Flow Meter with Totalizer
Flow  PARM Code 50050 Q Mon. Site: FLW-6	Sample Measurement	0.829				0		
	Permit Requirement	Report (Mo Avg)	MGD				1 Continuous	Recording Flow Meter with Totalizer
Flow  PARM Code 50050 R Mon. Site: FLW-7	Sample Measurement	0.000				0		
	Permit Requirement	Report (Annl Avg)	MGD				1 Continuous	Recording Flow Meter with Totalizer

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow  PARM Code 50050 S Mon. Site: FLW-7	Sample Measurement		0.000						0		
	Permit Requirement		Report (Mo Avg)	MGD						1 Continuous	Recording Flow Meter with Totalizer
BOD, Carbonaceous 5 day, 20C  PARM Code 80082 Y Mon. Site: EFA-1	Sample Measurement					3.02			0		
	Permit Requirement					20.0 (Annl Avg)		mg/L		5 Days/Week	24-hr Flow Proportioned Composite
BOD, Carbonaceous 5 day, 20C  PARM Code 80082 A Mon. Site: EFA-1	Sample Measurement				5.60	3.55	3.55		0		
	Permit Requirement				60.0 (Maximum)	45.0 (Wkly Avg)	30.0 (Mo Avg)	mg/L		5 Days/Week	24-hr Flow Proportioned Composite
Solids, Total Suspended  PARM Code 00530 B Mon. Site: EFB-1	Sample Measurement						5.51		1		
	Permit Requirement						5.0 (Maximum)	mg/L		1 Daily; 24 hours	Grab
Coliform, Fecal  PARM Code 74055 A Mon. Site: EFA-1	Sample Measurement						0		0		
	Permit Requirement						25.0 (Maximum)	#/100mL		1 Daily; 24 hours	Grab
Coliform, Fecal, % less than detection  PARM Code 51005 A Mon. Site: EFA-1	Sample Measurement				100				0		
	Permit Requirement				75.0 (MinTotMo)			percent		1 Daily; 24 hours	Calculated
pH  PARM Code 00400 A Mon. Site: EFA-1	Sample Measurement				6.99		7.45		0		
	Permit Requirement				6.0 (Minimum)		8.5 (Maximum)	s.u.		1 Continuous	Meter

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chlorine, Total Residual PARM Code 50060 A Mon. Site: EFA-1	Sample Measurement				1.67				0		
	Permit Requirement				1.0 (Minimum)			mg/L		1 Continuous	Meter
Turbidity PARM Code 00070 B Mon. Site: EFB-1	Sample Measurement						3.50		0		
	Permit Requirement						Report (Maximum)	NTU		1 Continuous	Meter
Nitrogen, Total PARM Code 00600 Y Mon. Site: EFA-1	Sample Measurement						31.2		0		
	Permit Requirement						Report (Annl Avg)	mg/L		1 Weekly	24-hr Flow Proportioned Composite
Nitrogen, Total PARM Code 00600 A Mon. Site: EFA-1	Sample Measurement						36.8		0		
	Permit Requirement						Report (Mo Avg)	mg/L		1 Weekly	24-hr Flow Proportioned Composite
Phosphorus, Total (as P) PARM Code 00665 Y Mon. Site: EFA-1	Sample Measurement						1.6		0		
	Permit Requirement						Report (Annl Avg)	mg/L		1 Weekly	24-hr Flow Proportioned Composite
Phosphorus, Total (as P) PARM Code 00665 A Mon. Site: EFA-1	Sample Measurement						2.2		0		
	Permit Requirement						Report (Mo Avg)	mg/L		1 Weekly	24-hr Flow Proportioned Composite
Flow PARM Code 50050 T Mon. Site: FLW-8	Sample Measurement		3.423						0		
	Permit Requirement		5.2 (Annl Avg)	MGD						1 Continuous	Recording Flow Meter with Totalizer

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow  PARM Code 50050 U Mon. Site: FLW-8	Sample Measurement	3.042	3.170						0		
	Permit Requirement	Report (Qtr Avg)	Report (Mo Avg)	MGD						1 Continuous	Recording Flow Meter with Totalizer
Flow  PARM Code 50050 V Mon. Site: FLW-1	Sample Measurement		0.004						0		
	Permit Requirement		Report (Annl Avg)	MGD						1 Continuous	Recording Flow Meter with Totalizer
Flow  PARM Code 50050 W Mon. Site: FLW-1	Sample Measurement	0.000	0.000						0		
	Permit Requirement	Report (Qtr Avg)	Report (Mo Avg)	MGD						1 Continuous	Recording Flow Meter with Totalizer
Flow  PARM Code 50050 6 Mon. Site: FLW-2	Sample Measurement		3.571						0		
	Permit Requirement		Report (Annl Avg)	MGD						1 Continuous	Recording Flow Meter with Totalizer
Flow  PARM Code 50050 5 Mon. Site: FLW-2	Sample Measurement	3.171	3.269						0		
	Permit Requirement	Report (Qtr Avg)	Report (Mo Avg)	MGD						1 Continuous	Recording Flow Meter with Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100  PARM Code 00180 1 Mon. Site: FLW-8	Sample Measurement					82			0		
	Permit Requirement					Report (Mo Avg)	percent			1 Monthly	Calculated
BOD, Carbonaceous 5 day, 20C  PARM Code 80082 G Mon. Site: INF-1	Sample Measurement					DNP			0		
	Permit Requirement					Report (Maximum)	mg/L			5 Weekly	24-hr Flow Proportioned Composite

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous 5 day, 20C PARM Code 80082 P Mon. Site: INF-2	Sample Measurement			220.00		0		
	Permit Requirement			Report (Maximum)	mg/L		5 Days/Week	24-hr Flow Proportioned Composite
Solids, Total Suspended PARM Code 00530 G Mon. Site: INF-1	Sample Measurement			DNP		0		
	Permit Requirement			Report (Maximum)	mg/L		5 Days/Week	24-hr Flow Proportioned Composite
Solids, Total Suspended PARM Code 00530 P Mon. Site: INF-2	Sample Measurement			220.0		0		
	Permit Requirement			Report (Maximum)	mg/L		5 Days/Week	24-hr Flow Proportioned Composite
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  Submitted by Data Entry Operator	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE	RECEIVED DATE	SUBMITTED ON
							04/03/2017	05/01/2017

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PERMITTEE NAME: City of Palm Bay ADDRESS: 120 Malabar Rd SE Palm Bay, FL 32907  FACILITY: Palm Bay #1 WRF LOCATION: 1105 Troutman Blvd NE Palm Bay, FL 32905  COUNTY: BREVARD	PERMIT NUMBER: FLA103357 LIMIT: FINAL REPORT: Monthly FACILITY TYPE: DW GROUP: Domestic MONITORING GROUP: RMP-B  DESCRIPTION: Class B Biosolids  MONITORING PERIOD: From: 02/01/2017 To: 02/28/2017
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Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
			DNP								
Nitrogen, Sludge, Tot, Dry Wt (as N) PARM Code 78470 + Mon. Site: RMP-B	Sample Measurement		DNP						0		
	Permit Requirement		Report (Maximum)	percent						1 Bi-monthly; every 2 months	Composite
Phosphorus, Sludge, Tot, Dry Wt (as P) PARM Code 78478 + Mon. Site: RMP-B	Sample Measurement		DNP						0		
	Permit Requirement		Report (Maximum)	percent						1 Bi-monthly; every 2 months	Composite
Potassium, Sludge, Tot, Dry Wt (as K) PARM Code 78472 + Mon. Site: RMP-B	Sample Measurement		DNP						0		
	Permit Requirement		Report (Maximum)	percent						1 Bi-monthly; every 2 months	Composite
Arsenic Total, Dry Weight, Sludge PARM Code 49565 + Mon. Site: RMP-B	Sample Measurement					DNP			0		
	Permit Requirement					75.0 (Maximum)	mg/kg			1 Bi-monthly; every 2 months	Composite
Cadmium, Sludge, Tot, Dry Weight (as Cd) PARM Code 78476 + Mon. Site: RMP-B	Sample Measurement					DNP			0		
	Permit Requirement					85.0 (Maximum)	mg/kg			1 Bi-monthly; every 2 months	Composite

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Copper, Sludge, Tot, Dry Wt. (as Cu) PARM Code 78475 + Mon. Site: RMP-B	Sample Measurement						DNP		0		
	Permit Requirement						4300.0 (Maximum)	mg/kg		1 Bi-monthly; every 2 months	Composite
Lead, Dry Weight, Sludge PARM Code 78468 + Mon. Site: RMP-B	Sample Measurement						DNP		0		
	Permit Requirement						840.0 (Maximum)	mg/kg		1 Bi-monthly; every 2 months	Composite
Mercury, Dry Weight, Sludge PARM Code 78471 + Mon. Site: RMP-B	Sample Measurement						DNP		0		
	Permit Requirement						57.0 (Maximum)	mg/kg		1 Bi-monthly; every 2 months	Composite
Molybdenum, Dry Weight, Sludge PARM Code 78465 + Mon. Site: RMP-B	Sample Measurement						DNP		0		
	Permit Requirement						75.0 (Maximum)	mg/kg		1 Bi-monthly; every 2 months	Composite
Nickel, Dry Weight, Sludge PARM Code 78469 + Mon. Site: RMP-B	Sample Measurement						DNP		0		
	Permit Requirement						420.0 (Maximum)	mg/kg		1 Bi-monthly; every 2 months	Composite
Selenium Sludge Solid PARM Code 61518 + Mon. Site: RMP-B	Sample Measurement						DNP		0		
	Permit Requirement						100.0 (Maximum)	mg/kg		1 Bi-monthly; every 2 months	Composite
Zinc, Dry Weight, Sludge PARM Code 78467 + Mon. Site: RMP-B	Sample Measurement						DNP		0		
	Permit Requirement						7500.0 (Maximum)	mg/kg		1 Bi-monthly; every 2 months	Composite

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
pH PARM Code 00400 + Mon. Site: RMP-B	Sample Measurement			DNP		0		
	Permit Requirement			Report (Maximum)	s.u.		1 Bi-monthly; every 2 months	Grab
Solids, Total, Sludge, Percent PARM Code 61553 + Mon. Site: RMP-B	Sample Measurement			DNP		0		
	Permit Requirement			Report (Maximum)	percent		1 Bi-monthly; every 2 months	Composite
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							04/03/2017	05/01/2017



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Parameter	Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Landfilled)	<b>0.00</b>				<b>0</b>		
PARM Code B0008 + Mon. Site: RMP-1	<b>Report (Mo Total)</b>	<b>dry tons</b>				<b>1 Monthly</b>	<b>Calculated</b>
Biosolids Quantity (Land-Applied )	<b>78.146</b>				<b>0</b>		
PARM Code B0006 + Mon. Site: RMP-1	<b>Report (Mo Total)</b>	<b>dry tons</b>				<b>1 Monthly</b>	<b>Calculated</b>
Biosolids Quantity (Transferred)	<b>0.00</b>				<b>0</b>		
PARM Code B0007 + Mon. Site: RMP-1	<b>Report (Mo Total)</b>	<b>dry tons</b>				<b>1 Monthly</b>	<b>Calculated</b>

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Parameter	Sample Measurement	Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow  PARM Code 50050 Y Mon. Site: FLW-9	Sample Measurement	2.847				0		
	Permit Requirement	5.0 (Annl Avg)	MGD				1 Continuous	Recording Flow Meter with Totalizer
Flow  PARM Code 50050 1 Mon. Site: FLW-9	Sample Measurement	2.491				0		
	Permit Requirement	Report (Mo Avg)	MGD				1 Continuous	Recording Flow Meter with Totalizer
Flow  PARM Code 50050 P Mon. Site: FLW-3	Sample Measurement	2.842				0		
	Permit Requirement	Report (Annl Avg)	MGD				1 Continuous	Recording Flow Meter with Totalizer
Flow  PARM Code 50050 Q Mon. Site: FLW-3	Sample Measurement	2.491				0		
	Permit Requirement	Report (Mo Avg)	MGD				1 Continuous	Recording Flow Meter with Totalizer
Flow  PARM Code 50050 R Mon. Site: FLW-4	Sample Measurement	0.005				0		
	Permit Requirement	Report (Annl Avg)	MGD				1 Continuous	Recording Flow Meter with Totalizer

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	<b>Sample Measurement</b>		<b>0.000</b>						<b>0</b>		
PARM Code 50050 S Mon. Site: FLW-4	<b>Permit Requirement</b>		<b>Report (Mo Avg)</b>	<b>MGD</b>						<b>1 Continuous</b>	<b>Recording Flow Meter with Totalizer</b>
BOD, Carbonaceous 5 day, 20C	<b>Sample Measurement</b>				<b>7.34</b>				<b>0</b>		
PARM Code 80082 Y Mon. Site: EFA-2	<b>Permit Requirement</b>				<b>20.0 (Annl Avg)</b>			<b>mg/L</b>		<b>1 Weekly</b>	<b>24-hr Flow Proportioned Composite</b>
BOD, Carbonaceous 5 day, 20C	<b>Sample Measurement</b>				<b>9.20</b>	<b>6.93</b>	<b>6.93</b>		<b>0</b>		
PARM Code 80082 A Mon. Site: EFA-2	<b>Permit Requirement</b>				<b>60.0 (Maximum)</b>	<b>45.0 (Wkly Avg)</b>	<b>30.0 (Mo Avg)</b>	<b>mg/L</b>		<b>1 Weekly</b>	<b>24-hr Flow Proportioned Composite</b>
Solids, Total Suspended	<b>Sample Measurement</b>				<b>16.88</b>				<b>0</b>		
PARM Code 00530 Y Mon. Site: EFA-2	<b>Permit Requirement</b>				<b>20.0 (Annl Avg)</b>			<b>mg/L</b>		<b>1 Weekly</b>	<b>24-hr Flow Proportioned Composite</b>
Solids, Total Suspended	<b>Sample Measurement</b>				<b>39.17</b>	<b>20.84</b>	<b>20.84</b>		<b>0</b>		
PARM Code 00530 A Mon. Site: EFA-2	<b>Permit Requirement</b>				<b>60.0 (Maximum)</b>	<b>45.0 (Wkly Avg)</b>	<b>30.0 (Mo Avg)</b>	<b>mg/L</b>		<b>1 Weekly</b>	<b>24-hr Flow Proportioned Composite</b>
pH	<b>Sample Measurement</b>				<b>6.68</b>		<b>7.09</b>		<b>0</b>		
PARM Code 00400 A Mon. Site: EFA-2	<b>Permit Requirement</b>				<b>6.0 (Minimum)</b>		<b>8.5 (Maximum)</b>	<b>s.u.</b>		<b>1 Continuous</b>	<b>Meter</b>
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