

Save Our Indian River Lagoon Performance Tables – Fiscal Year 20/21 Quarter 1

Table 1. Project Performance Table

\*Projects Completed; TBD = To Be Determined; WWTF = Waste Water Treatment Facility

Project Number	Project	Responsible Entity	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
	<b>Public Education</b>							
58a	Expanded Fertilizer Education	Brevard County	6,123	813	Complete	Complete	100%	35%
58b	Grass Clippings Campaign	Brevard County	17,800	1,200	Complete	Complete	100%	29%
58c	Septic System Maintenance Education	Brevard County	6,500	TBD	Complete	Complete	100%	35%
193	Oyster Gardening	Brevard Zoo	N/A	N/A				
	<b>Public Education Total</b>		<b>30,423</b>	<b>2,013</b>				
	<b>WWTF Upgrades for Reclaimed Water</b>							
99	Cocoa Beach Water Reclamation Facility Upgrade*	Cocoa Beach	2,520	685	Complete	Complete	100%	100%
59	City of Melbourne Grant Street Water Reclamation Facility	Melbourne	25,627	9,671	Complete	Complete	95%	
2016-17	City of Palm Bay Water Reclamation Facility	Palm Bay	20,240	102	Complete	Complete	100%	40%
2016-2	City of Titusville Osprey WWTF*	Titusville	12,286	TBD	Complete	Complete	100%	
138	Ray Bullard Water Reclamation Facility Biological Nutrient Removal Upgrades	West Melbourne	11,360	3,302				
	<b>WWTF Upgrades for Reclaimed Water Total</b>		<b>72,033</b>	<b>13,760</b>				
	<b>Sewer Laterals</b>							
63	Satellite Beach Pilot Project (63 repairs completed)	Brevard County	988	188	Complete	Complete	100%	13%
114	Barefoot Bay Lateral Smoke Testing	Brevard County	864	TBD	Complete	Complete	0%	
115	South Beaches Lateral Smoke Testing	Brevard County	1,662	TBD	Complete	Complete	0%	
116	Merritt Island Lateral Smoke Testing	Brevard County	2,042	TBD	Complete	Complete	0%	
100	Osprey Basin Lateral Repair Project	Titusville	640	TBD	Complete	Under Review		
	<b>Sewer Laterals Total</b>		<b>6,196</b>	<b>188</b>				
	<b>Rapid Infiltration Basin/Sprayfield Upgrades</b>							
2016-20	Canebreaker Condo	Property Owner	52	TBD				
2016-21	River Forest Mobile Home Park WWTF	Property Owner	111	46				
2016-22	Palm Harbor Mobile Home Park WWTF	Property Owner	411	33				
2016-23	Indian River Shores Trailer Park WWTF	Property Owner	176	79				
2016-51	Port St John Wastewater Treatment Plant	Brevard County	8,610	1,266				
204	Cape Canaveral Air Force Station Regional WWTF	Air Force	39,776	3,715				
	<b>Rapid Infiltration Basin/Sprayfield Upgrades Total</b>		<b>49,136</b>	<b>5,139</b>				
	<b>Septic System Removal by Sewer Extension</b>							
2016-27	Sharpes - Zone A (0 of 186 connected)	Brevard County	5,248	TBD				
2016-29	South Banana - Zone B (0 of 41 connected)	Brevard County	915	TBD				
2016-35	South Beaches - Zone A (0 of 37 connected)	Brevard County	1,306	TBD				
2016-36	South Beaches - Zone O (0 of 4 connected)	Brevard County	136	TBD				
2016-37	South Beaches - Zone P (0 of 15 connected)	Brevard County	489	TBD				
2016-50	South Central - Zone C (0 of 140 connected)	Brevard County	5,146	TBD	Complete	Complete	100%	
48	Sykes Creek - Zone M (0 of 56 connected)	Brevard County	1,798	TBD	Complete	Complete	30%	

Project Number	Project	Responsible Entity	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
47	Sykes Creek - Zone N (0 of 78 connected)	Brevard County	2,784	TBD	Complete	Complete	0%	
146	Merritt Island - Zone C (0 of 43 connected)	Brevard County	1,419	TBD				
49	Sykes Creek - Zone T (0 of 148 connected)	Brevard County	3,360	TBD	Complete	Complete	30%	
3	Micco Sewer Line Extension (0 of 18 connected)	Brevard County	1,359	TBD	Complete	Complete	95%	
3b	Micco Sewer Line Extension - Phase II (0 of 13 connected)	Brevard County	618	TBD				
136	Micco - Zone B (0 of 540 connected)	Brevard County	8,687	TBD				
145	Merritt Island - Zone F (0 of 71 connected)	Brevard County	1,292	TBD				
147	Sykes Creek - Zone R (0 of 192 connected)	Brevard County	2,925	TBD				
148	North Merritt Island - Zone E (0 of 195 connected)	Brevard County	2,541	TBD				
150	South Central - Zone D (0 of 94 connected)	Brevard County	3,387	TBD				
151	Merritt Island - Zone G (0 of 1,146 connected)	Brevard County	11,078	TBD				
152	Sharpes - Zone B (0 of 136 connected)	Brevard County	2,692	TBD				
153	Cocoa - Zone C (0 of 273 connected)	Brevard County	3,499	TBD				
203	South Central - Zone A (0 of 37 connected)	Brevard County	3,655	TBD				
2016-31	City of Cocoa - Zone K (0 of 36 connected)	Cocoa	1,663	TBD				
2016-32	City of Cocoa - Zone J (0 of 94 connected)	Cocoa	3,259	TBD				
2016-28	South Central - Zone D (Melbourne) (0 of 28 connected)	Melbourne	177	TBD				
2016-33	City of Melbourne (0 of 26 connected)	Melbourne	878	TBD				
2020-34	South Central - Zone F (1 of 51 connected)	Melbourne	1,688	TBD	Complete	Complete	100%	5%
4	Hoag Sewer Conversion (1 of 5 connected)	Melbourne	101	TBD	Complete	Complete	100%	60%
5	Penwood Sewer Conversion (1 of 5 connected)	Melbourne	48	TBD	Complete	Complete	100%	60%
61	Riverside Drive Septic-to-Sewer Conversion (1 of 12 connected)	Melbourne	305	TBD	Complete	Complete	100%	54%
62	Roxy Avenue Septic-to-Sewer Conversion (1 of 6 connected)	Melbourne	102	TBD	Complete	Complete	100%	58%
2	Merritt Island Septic Phase Out Project (47 of 60 connected)	Merritt Island Redevelopment Agency	2,501	TBD	Complete	Complete	100%	88%
2016-39	City of Palm Bay – Zone A (0 of 77 connected)	Palm Bay	2,136	TBD				
2016-46	City of Palm Bay – Zone B (0 of 249 connected)	Palm Bay	6,809	TBD				
2016-30	City of Rockledge (0 of 15 connected)	Rockledge	712	TBD				
1	Breeze Swept Septic to Sewer Connection (143 of 143 connected) *	Rockledge	2,002	TBD	Complete	Complete	100%	100%
2016-38	City of Titusville - Zone H (0 of 35 connected)	Titusville	910	TBD				
109	City of Titusville - Zones A-G (0 of 18 connected)	Titusville	1,563	TBD	Complete	Complete	50%	
60	Sylvan Estates Septic-to-Sewer Conversion (0 of 59 connected)	West Melbourne	1,073	TBD	Complete	Complete	100%	70%
	<b>Septic System Removal by Sewer Extension Total</b>		<b>90,261</b>	<b>TBD</b>				
	<b>Septic System Removal by Sewer Connection</b>							
2016-16	Banana Septic System 144 Quick Connections	Property Owners	3,224	TBD	See Table 2			
2016-18	North IRL Septic System 463 Quick Connections	Property Owners	11,339	TBD	See Table 2			
2016-19	Central IRL Septic System 269 Quick Connections	Property Owners	6,883	TBD	See Table 2			
	<b>Septic System Removal by Sewer Connection Total</b>		<b>21,446</b>	<b>TBD</b>				
	<b>Septic System Upgrades</b>							
6	Long Point Park Upgrade*	Brevard County	127	TBD	Complete	Complete	100%	100%
51	Banana River Lagoon 100 Septic System Upgrades	Private Citizens	1,934	TBD	See Table 2			

Project Number	Project	Responsible Entity	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
52	North IRL 586 Septic System Upgrades	Private Citizens	13,857	TBD	See Table 2			
53	Central IRL 939 Septic System Upgrades	Private Citizens	22,190	TBD	See Table 2			
	<b>Septic System Upgrades Total</b>		<b>38,108</b>	<b>TBD</b>				
	<b>Stormwater Projects</b>							
2016-41	Banana River Lagoon 67 Basin Projects	Brevard County	63,737	8,421				
2016-42	North IRL 98 Basin Projects	Brevard County	121,815	16,152				
2016-43	Central IRL 10 Basin Projects	Brevard County	24,166	3,182				
18	Basin 62 Denitrification Retrofit of Johns Road Pond	Brevard County	1,199	TBD	Complete	Complete	100%	
22	Basin 1387 Kingsmill-Aurora Phase Two	Brevard County	4,176	814	Complete	Complete	30%	
23	Basin 41 Denitrification Retrofit of Huntington Pond	Brevard County	1,190	TBD	Complete	Complete	90%	
24	Basin 71 Denitrification Retrofit of Flounder Creek Pond	Brevard County	856	TBD	Complete	Complete	100%	
85	Basin 1304 Bioreactor*	Brevard County	958	127	Complete	Complete	100%	100%
87	Basin 2134 Fleming Grant Biosorption Activated Media*	Brevard County	602	91	Complete	Complete	100%	100%
89	Basin 1298 Bioreactor*	Brevard County	917	116	Complete	Complete	100%	100%
90	Basin 51 Johns Road Pond Biosorption Activated Media*	Brevard County	245	37	Complete	Complete	100%	100%
91	Basin 100 Burkholm Road Biosorption Activated Media*	Brevard County	685	104	Complete	Complete	100%	100%
92	Basin 115 Carter Road Biosorption Activated Media*	Brevard County	665	101	Complete	Complete	100%	100%
93	Basin 193 Wiley Ave Biosorption Activated Media	Brevard County	954	144	Complete	Complete	100%	100%
94	Basin 832 Broadway Pond Biosorption Activated Media *	Brevard County	456	69	Complete	Complete	100%	100%
112	County Wide Stormwater Pond Harvesting	Brevard County	140	28	Complete	Complete	100%	
117	Basin 10 County Line Road Woodchip Bioreactor*	Brevard County	597	90	Complete	Complete	100%	100%
118	Basin 26 Sunset Road Serenity Park Woodchip Bioreactor	Brevard County	605	92	Complete	Complete	90%	
119	Basin 141 Irwin Avenue Woodchip Bioreactor*	Brevard County	567	86	Complete	Complete	100%	100%
121	Basin 2258 Babcock Road Woodchip Bioreactor	Brevard County	412	62	Complete	Complete	50%	
122	Basin 22 Huntington Road Serenity Park Woodchip Bioreactor	Brevard County	329	50	Complete	Complete	100%	90%
205	Basin 998 Hampton Homes	Brevard County	TBD	TBD	Under Review			
206	Basin 1066 Angel Ave	Brevard County	TBD	TBD	Under Review			
207	Basin 1124	Brevard County	TBD	TBD	Under Review			
13	Central Boulevard Baffle Box*	Cape Canaveral	481	14	Complete	Complete	100%	100%
14	Church Street Type II Baffle Box*	Cocoa	937	135	Complete	Complete	100%	100%
124	Floating Wetlands to Existing Stormwater Ponds*	Cocoa	12	3	Complete	Complete	100%	100%
125	Diamond Square Stormwater Pond	Cocoa	85	23				
129	Forrest Avenue 72-inch Outfall Baseflow Capture/Treatment	Cocoa	94	12				
64	Stormwater Low Impact Development Convair Cove 1 – Blakey Boulevard	Cocoa Beach	30	3				
65	Stormwater Low Impact Development Convair Cove 2 – Dempsey Drive	Cocoa Beach	29	3				
127	Basin 5 Dry Retention*	Indialantic	113	18	Complete	Complete	100%	100%
16	Gleason Park Reuse*	Indian Harbour Beach	48	9	Complete	Complete	100%	100%
66	Big Muddy at Cynthia Baffle Box	Indian Harbour Beach	436	58	Complete	Complete	100%	
34	Cliff Creek Baffle Box*	Melbourne	3,952	797	Complete	Complete	100%	100%

Project Number	Project	Responsible Entity	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
35	Thrush Drive Baffle Box	Melbourne	3,661	773	Complete	Complete	100%	
67	Grant Place Baffle Box	Melbourne	937	193				
69	Apollo/GA Baffle Box	Melbourne	3,381	479				
95	Cherry Street Baffle Box	Melbourne	980	174				
96	Spring Creek Baffle Box	Melbourne	1,057	232				
88	Espanola Baffle Box	Melbourne	1,119	148				
169	Sherwood Park Stormwater Quality Project	Melbourne	3,214	879	Complete	Complete	100%	75%
15	Bayfront Stormwater Project*	Palm Bay	348	83	Complete	Complete	100%	100%
128	Jackson Court Stormwater Treatment Facility	Satellite Beach	56	8				
68	Crane Creek/M-1 Canal Flow Restoration	St. Johns Water Management District	23,113	2,719	Complete	Complete	100%	
19	St. Teresa Basin Treatment*	Titusville	3,100	459	Complete	Complete	100%	100%
20	South Street Basin Treatment*	Titusville	987	156	Complete	Complete	100%	100%
21	La Paloma Basin Treatment*	Titusville	2,367	346	Complete	Complete	100%	100%
97	Titusville High School Baffle Box	Titusville	1,190	166	Complete	Complete		
98	Coleman Pond Managed Aquatic Plant System*	Titusville	1,240	198	Complete	Complete	100%	100%
110	Osprey Plant Pond Managed Aquatic Plant Systems*	Titusville	606	88	Complete	Complete	100%	100%
111	Draa Field Vegetation Harvesting	Titusville	574	TBD	Complete	Complete	100%	
120	Draa Field Pond Managed Aquatic Plant Systems	Titusville	256	38	Complete	Complete	100%	
123	Ray Bullard Water Reclamation Facility Stormwater Management Area	West Melbourne	800	366				
	<b>Stormwater Projects Total</b>		<b>280,474</b>	<b>38,346</b>				
	<b>Muck Removal &amp; Interstitial Treatment</b>							
2016-3a & b	Muck Re-dredging in Turkey Creek & Interstitial Treatment*	Brevard County	5,691	221	Complete	Complete	100%	100%
2016-04a & b	Rockledge A Muck & Interstitial Treatment	Brevard County	20,286	1,982	Complete	Complete	30%	
2016-05a & b	Pineda Banana River Lagoon & Interstitial Treatment	Brevard County	34,853	2,490				
2016-06a & b	Titusville Railroad West	Brevard County	23,554	1,421	Complete	Complete	30%	
2016-07a & b	National Aeronautics and Space Administration Causeway East & Interstitial Treatment	Brevard County	50,839	3,684	Complete	Complete	30%	
2016-08a & b	Titusville Railroad East & Interstitial Treatment	Brevard County	17,081	1,291	Complete	Complete	30%	
2016-10a & b	Port Canaveral South & Interstitial Treatment	Brevard County	78,070	5,812				
2016-11a & b	Patrick Air Force Base & Interstitial Treatment	Brevard County	27,333	2,279				
40	Mims Muck Removal Outflow Water Nutrient Removal*	Brevard County	2,803	244	Complete	Complete	100%	100%
41a & b	Grand Canal Muck & Interstitial Treatment	Brevard County	99,210	1,358	Complete	Complete	100%	21%
42a & b	Sykes Creek Muck & Interstitial Treatment	Brevard County	83,913	2,618	Complete	Complete	100%	
54a & b	Eau Gallie Northeast Muck & Interstitial Treatment	Brevard County	35,886	3,795	Complete	Complete	98%	
71	Merritt Island Muck Removal – Phase 1	Brevard County	8,085	1,540	Complete	Complete	60%	
70a	Cocoa Beach Muck Dredging – Phase III*	Cocoa Beach	4,095	780	Complete	Complete	100%	100%
101	Cocoa Beach Muck Dredging Phase II-B	Cocoa Beach	6,300	840	Complete	Complete	100%	65%
168a & b	Cocoa Beach Golf Muck & Interstitial Treatment	Cocoa Beach	128,792	11,080	Complete	Complete	1%	

Project Number	Project	Responsible Entity	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
72a & b	Muck Removal of Indian Harbour Beach Canals & Interstitial Treatment	Indian Harbour Beach	31,198	720	Complete	Complete	30%	
144 & 113	Satellite Beach Muck Dredging & Interstitial Treatment	Satellite Beach	33,863	3,577				
	<b>Muck Removal &amp; Interstitial Treatment Total</b>		<b>691,852</b>	<b>45,732</b>				
	<b>Oyster Bars</b>							
2016-55	Banana River Lagoon County Oyster Bars (199,652 Square Feet)	Brevard County	8,167	204				
2016-56	North IRL County Oyster Bars (185,972 Square Feet)	Brevard County	9,118	228				
2016-57	Central IRL County Oyster Bars (68,234 Square Feet)	Brevard County	1,769	44				
2016-09	Indian River Drive Oyster Bar - withdrawn	Brevard County	34	1				
2016-12	Banana River Lagoon County Oyster Bars Year 1 (3,000 Square Feet)	Brevard County	120	3				
73	RiverView Senior Resort Oyster Bar* (1,920 Square Feet)	Brevard County	77	2	Complete	Complete	100%	100%
75	Marina Isles Oyster Bar* (1,800 Square Feet)	Brevard Zoo	60	20	Complete	Complete	100%	100%
76	Bettinger Oyster Bar* (720 Square Feet)	Brevard Zoo	24	8	Complete	Complete	100%	100%
79	Gitlin Oyster Bar* (1,080 Square Feet)	Brevard Zoo	36	12	Complete	Complete	100%	100%
80	Coconut Point/Environmentally Endangered Lands Oyster Bar* (2,400 Square Feet)	Brevard Zoo	96	2	Complete	Complete	100%	100%
81	Wexford Oyster Bar (1,750 Square Feet)	Brevard Zoo	70	24	Complete	Out for Signature		
83	Bomalaski Oyster Bar* (600 Square Feet)	Brevard Zoo	20	7	Complete	Complete	100%	100%
104	Brevard Zoo Banana River Oyster Project (36,894 Square Feet)	Brevard Zoo	1,476	37	Complete	Out for Signature		
105	Brevard Zoo Central IRL Oyster Project (7,246 of 10,200 Square Feet)	Brevard Zoo	408	10	Complete	Complete	100%	85%
106	Brevard Zoo North IRL Oyster Project (2,670 of 21,600 Square Feet)	Brevard Zoo	864	22	Complete	Complete	81%	54%
139	Brevard Zoo North IRL Oyster Project 2 (450 of 21,030 Square Feet)	Brevard Zoo	841	21	Complete	Complete	15%	2%
140	Brevard Zoo Central IRL Oyster Project 2 (2,400 of 16,932 Square Feet)	Brevard Zoo	677	17	Complete	Complete	15%	28%
141	Brevard Zoo Banana River Oyster Project 2 (16,560 Square Feet)	Brevard Zoo	662	17				
142	Brevard Zoo Oyster Reef Adjustments North IRL (1,700 Square Feet)	Brevard Zoo	68	2				
143	Brevard Zoo Oyster Reef Adjustments Banana River (800 Square Feet)	Brevard Zoo	32	1				
78a	McNabb Park Oyster Bar (1,800 Square Feet)	Cocoa Beach	72	24				
82a	Riverview Park Oyster Bar (5,750 Square Feet)	Melbourne	230	78				
	<b>Oyster Bars Total</b>		<b>24,921</b>	<b>784</b>				
	<b>Planted Shorelines</b>							
102	Brevard Zoo Banana River Plant Project (195 Linear Feet)	Brevard Zoo	13	4	Complete	Complete	100%	33%
103	Brevard Zoo North IRL Plant Project* (50 Linear Feet)	Brevard Zoo	3	1	Complete	Complete	100%	100%
130	Brevard Zoo North IRL Plant Project 2 (565 of 610 Linear Feet)	Brevard Zoo	41	14	Complete	Complete	80%	82%
131	Brevard Zoo Central IRL Plant Project (124 Linear Feet)	Brevard Zoo	8	3				
132	Brevard Zoo Banana River Plant Project 2 (25 Linear Feet)	Brevard Zoo	2	1				
78b	McNabb Park Planted Shoreline (360 Linear Feet)	Cocoa Beach	24	8				
77a	Cocoa Beach Country Club Planted Shoreline* (1,000 Linear Feet)	Marine Resources Council	67	23	Complete	Complete	100%	100%
77b	Lagoon House Shoreline Restoration Planting* (1,493 Linear Feet)	Marine Resources Council	100	34	Complete	Complete	100%	100%

Project Number	Project	Responsible Entity	TN Reductions (lbs/yr)	TP Reductions (lbs/yr)	Scope of Work Received	Contract Review Status	Design	Construction
133	Fisherman's Landing* (300 Linear Feet)	Marine Resources Council	20	7	Complete	Complete	100%	100%
135	Rotary Park* (300 Linear Feet)	Marine Resources Council	20	7	Complete	Complete	100%	100%
82b	Riverview Park Planted Shoreline (1,150 Linear Feet)	Melbourne	77	26				
	<b>Planted Shorelines Total</b>		<b>375</b>	<b>128</b>				

Table 2. Septic Upgrade and Quick Connect Tracking

Project Number	Project	Applications Received	Applications Contracted	Contracts in Design/Permitting	Contracts Completed	Total TN Reduction (lbs/yr)
51	Banana River Lagoon 100 Septic System Upgrades	1	0	0	0	0
52	North IRL 586 Septic System Upgrades	19	19	19	11	260
53	Central IRL 939 Septic System Upgrades	40	40	40	7	165
2016-16	Banana Septic System 144 Quick Connections	0	0	0	0	0
2016-18	North IRL Septic System 463 Quick Connections	31	28	28	0	0
2016-19	Central IRL Septic System 269 Quick Connections	0	0	0	0	0

Table 3. Overview

\*Values calculated using current layout and format

Totals	Total TN Reduction (lbs/yr)	Total TP Reduction (lbs/yr)	Scopes of Work Received	Contracts Executed	Projects in Design	Projects Under Construction	Projects Complete
Total as of Previous Quarter*	41,460	4,645	90	88	91	57	31
Total as of This Quarter	67,775	5,350	97	94	94	61	39