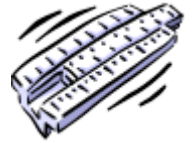


***PUBLIC WORKS DEPARTMENT
Monthly Report***

***Kevin D. Blayton, PE
Director***



***ENGINEERING DIVISION
Travis Dupree, PE
Engineering Manager***



***SANITATION DIVISION
Lent Williams, Superintendent***



***STREET & DRAINAGE DIVISION
Robert Turner, Superintendent***



***UTILITY DIVISION
Ralph Norris, Superintendent***



June 2018

Public Works Department

Monthly Statistics

	2018	2017
Water Supply & Demand – April		
• Monthly Avg. Day System	4.9 MGD	5.5 MGD
• Average Day Measured**	3.4 MGD	3.3 MGD
• Monthly Total System Water	151,049,440 Gallons	169,830,050 Gallons
• Billed Water**	103,279,000 Gallons	99,240,000 Gallons
Wastewater Collection & Treatment - April		
• Monthly Average Daily Flow	3.7 MGD	3.9 MGD
• Monthly Peak Daily Flow	4.9 MGD	5.7 MGD
• Total Metered Flow**	2.9 MGD	2.7 MGD
• Billed Usage**	89,493,000 Gallons	81,638,000 Gallons
• Unbilled Usage**	475,000 Gallons	539,000 Gallons
Solid Waste Collection & Disposal – April		
• Volume		
○ MSW	1,139 Tons	1,067 Tons
○ Yard Waste	540 Tons	541 Tons
○ Recycled (Includes E-Waste)	192 Tons	158 Tons
○ C & D	108 Tons	89 Tons
○ Total Pick-up/Disposal	1,979 Tons	1,855 Tons
• Recycling %	17%	15%
• Landfill Disposal Cost	\$55,910	\$43,456

**Includes portion of current month and prior month based on meter reading schedule

Departmental Notes – June 2018

- 50% increase(year-to-date) in underground utility locate requests indicate strong development activity
- Capital Project Update attached
- City Dune restoration complete
- Beach WQ Report attached

Public Works Department Capital Improvement Project Update

Water and Sewer System Improvements

Description	Location	Engineer / Contractor	Funding Source / Cost	Status	Progress & Goal
Water System Improvements - CG	East Cherry Grove	Dupree	Impact	Construction 0%	Construction Delayed until Fall 2018
		City Force/ R.H. Moore	\$1,500,000		
Sewer System Improvements - OD	Ocean Drive – Tilghman Section	Dupree	Impact	Construction 50%	Construction Delayed until Fall 2018
		RH Moore	\$2,750,000		
South Ocean Boulevard Water/Sewer Crescent Beach	17 th Avenue South to 28 th Avenue South	DDC	Impact	Construction 95%	Continue Construction
		RH Moore	\$2,000,000		
AIWW Retaining Wall	Ocean Drive WWTP	Dupree	WWTP	Construction 95%	Continue Construction
		Greenwall	\$1,435,000		
		City Force	\$175,000		
Riverside Drive Sewer	Riverside Dr. LRN Rd. to end	Dupree	\$175,000	Design 50%	Continue Designs - Obtain Easements
		TBD			
Water Tank Barefoot BPS	Bridge Road @ Windy Hill Ext.	TBD	Impact	Preliminary Design	Select Consultant
		TBD	TBD		
North Transmission Water Line	Vereen Road	TBD	Impact	Preliminary Design	Select Consultant
		TBD	TBD		
Sewer Force Main Replacement	Cherry Grove	Dupree	Impact	Preliminary Design	Model Analysis
		TBD	TBD		
Duffy St Water Tank Painting	31 st Ave N/Duffy St	AECOM TBD	Operating TBD	80% Design	Bid May 2018 Construction Winter 2018/2019

Storm Drainage System Improvements

Description	Location	Engineer / Contractor	Funding Source / Cost	Status	Progress & Goal
Priority Group 3 Drainage System Improvements	Various	Thompson	Stormwater	Preliminary Design	Continue Design
		Dupree	\$700,000		
Priority Group 2 Drainage System Improvements	Various	Dupree	Stormwater	80% Construction	Continue Construction
		AASAP	\$700,000		
Priority Group 1 Drainage System Improvements	LRNR – Magnolia Drive Pond 11 th Avenue North – Bellamy Rd 5 th Avenue South to 6 th Avenue South Pine Street	Dupree	Stormwater	Construction 100%	Complete
		AASAP	\$660,000		
18 th Avenue North Ocean Outfall	Ocean Drive	DDC	Stormwater	Design and Permit Complete	Construction Fall 2019
		TBD	TBD		

Beach Improvements

Description	Location	Engineer / Contractor	Funding Source / Cost	Status	Progress & Goal
Beach Dune Restoration	Various	City/	Dredging	Construction 100%	Continue Construction
		AO Hardee	\$616,000		
Beach Access Handicap Boardwalks - 2017	8 th Ave N 23 rd Ave S 57 th Ave N	Thompson	Street Improvement	Construction 100%	Complete
		Sellers Construction	\$100,000		
Beach Renourishment	OD/CB	USACE	Beach	2018 Emergency Work Approved	Funding & Contract Award by USACE
		GLDD	USACE		

Street Improvements

Description	Location	Engineer / Contractor	Funding Source / Cost	Status	Progress & Goal
11 th Ave N Widening	11 th Ave N – Hwy 17 to Golfview Drive	Stantec	Developer/Street Improvement/CTC	Construction – 90%	Continue Construction
		RH Moore	\$2,750,000		
South Ocean Blvd Widening Crescent Beach	17 th Ave S to 28 th Ave S	Stantec	SCDOT - GSATS	Construction - 40%	Continue Construction
		RH Moore	\$3,950,000		
South Ocean Boulevard ECT Crescent Beach	17 th Avenue South to 28 th Avenue South	DDC	Franchise	Construction – 80%	Continue Construction
		RH Moore	\$8,000,000		
Highway 17 Intersections Windy Hill	Ocean Creek to Barefoot Resort Bridge Rd.	SCDOT - STV	SCDOT - GSATS	Construction – 95%	Continue Construction Traffic Signal Mast Arm Installation
		Palmetto	\$3,329,000		
Highway 17 ECT Windy Hill	Ocean Creek to WH Rd. Ext.	DDC	Franchise Fund	Construction – 100%	Complete
		Greenwall Construction	\$5,800,000		
NOB ECT Cherry Grove	Sea Mountain Hwy to 29 th Ave North	Mead & Hunt	Franchise	Construction – 100%	Utilities to pull cables Winter 2017/Spring 2018
		Carolina Conduit	\$2,000,000		
Resurfacing – Spring 2018	Various	Dupree	Street Improvement/CTC	Design - 100%	Begin Paving May 2018
		Palmetto Corp	\$500,000		
Lake Avenue Boardwalk	Cherry Grove Marsh along Lake Ave. @ Burgess Preserve	Thompson	Street Improvement	Preliminary design complete	Construction deferred
		TBD	\$750,000 Estimate		

Street Improvements

Description	Location	Engineer / Contractor	Funding Source / Cost	Status	Progress & Goal
2 nd Avenue North Widening	Highway 17 at 2 nd Avenue North	Dupree	Street Improvement/CTC	Design complete.	Construction Summer 2018
		TBD	\$95,000		
RIDE III Street Resurfacing	Citywide	City	RIDE III	Construction - 10%	Begin Paving May 2018
		Palmetto	\$985,512		
NOB ECT 29 th N to 34 th N	Cherry Grove	Mead & Hunt	Franchise Fund	Design – 95%	Construction Delayed to Fall 2019
		TBD	\$2,000,000		



**North Myrtle Beach - Ocean Monitoring
Official Results for April 2018**

Laboratory Sample ID	Field Sample or Site ID	Myrtle Beach Site ID	SC DHEC Waccamaw Site ID	Sampling Site Location	Sample Collection Point	Collection Date	Collection Time	Nearest Tidal State	Nearest Tide Time	Salinity (psu)	Conductivity (uS)	Enterococci Most Probable Number (CFU/100ml)	Sample Type
E18-0633	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	4/2/2018	11:14	High	10:18	34.0		10	Grab
E18-0634	WAC-09		WAC-09	47th Ave. South	Street end	4/2/2018	11:26	High	10:18	34.1		<10	Grab
E18-0635	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	4/2/2018	11:35	High	10:18	33.9		<10	Grab
E18-0636	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	4/2/2018	11:57	High	10:18	33.9		<10	Grab
E18-0637	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	4/2/2018	12:08	High	10:18	33.7		<10	Grab
E18-0637	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	4/2/2018	12:08	High	10:18	33.7		<10	LD
E18-0638	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	4/2/2018	12:08	High	10:18	33.7		<10	FD
E18-0639	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	4/2/2018	12:03	High	10:18	33.8		20	Grab
E18-0640	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	4/2/2018	12:20	High	10:18	33.7		<10	Grab
E18-0641	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	4/2/2018	12:32	High	10:18	33.7		<10	Grab
E18-0642	WAC-03		WAC-03	30th Ave. North	Street end	4/2/2018	12:41	High	10:18	33.8		<10	Grab
E18-0643	WAC-02		WAC-02	45th Ave. North	Street end	4/2/2018	12:50	High	10:18	33.8		<10	Grab
E18-0644	WAC-01		WAC-01	59th Ave. North	Street end	4/2/2018	12:59	High	10:18	34.0		<10	Grab
E18-0686	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	4/9/2018	11:14	Low	9:57	30.7		120	Grab
E18-0687	WAC-09		WAC-09	47th Ave. South	Street end	4/9/2018	11:25	Low	9:57	33.6		52	Grab
E18-0688	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	4/9/2018	11:35	Low	9:57	33.5		74	Grab
E18-0689	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	4/9/2018	11:46	Low	9:57	33.3		98	Grab
E18-0690	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	4/9/2018	12:01	Low	9:57	33.2		<10	Grab
E18-0691	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	4/9/2018	11:56	Low	9:57	33.1		20	Grab
E18-0691	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	4/9/2018	11:56	Low	9:57	33.1		20	LD
E18-0692	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	4/9/2018	11:56	Low	9:57	33.1		10	FD
E18-0693	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	4/9/2018	12:10	Low	9:57	33.1		10	Grab
E18-0694	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	4/9/2018	12:19	Low	9:57	32.7		94	Grab
E18-0695	WAC-03		WAC-03	30th Ave. North	Street end	4/9/2018	12:26	Low	9:57	33.5		20	Grab
E18-0696	WAC-02		WAC-02	45th Ave. North	Street end	4/9/2018	12:34	Low	9:57	33.6		10	Grab
E18-0697	WAC-01		WAC-01	59th Ave. North	Street end	4/9/2018	12:44	Low	9:57	33.7		<10	Grab
E18-0730	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	4/16/2018	11:05	High	9:10	34.7		30	Grab



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Official Results for April 2018**

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E18-0731	WAC-09		WAC-09	47th Ave. South	Street end	4/16/2018	11:16	High	9:10	34.4		52	Grab
E18-0732	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	4/16/2018	11:25	High	9:10	34.6		41	Grab
E18-0733	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	4/16/2018	11:36	High	9:10	34.7		61	Grab
E18-0734	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	4/16/2018	11:51	High	9:10	34.7		52	Grab
E18-0735	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	4/16/2018	11:46	High	9:10	34.7		75	Grab
E18-0736	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	4/16/2018	12:01	High	9:10	34.8		121	Grab
E18-0736	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	4/16/2018	12:01	High	9:10	34.8		31	LD
E18-0737	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	4/16/2018	12:01	High	9:10	34.7		75	FD
E18-0738	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	4/16/2018	12:10	High	9:10	34.6		134	Grab
E18-0739	WAC-03		WAC-03	30th Ave. North	Street end	4/16/2018	12:18	Low	15:15	34.6		20	Grab
E18-0740	WAC-02		WAC-02	45th Ave. North	Street end	4/16/2018	12:27	Low	15:15	34.8		31	Grab
E18-0741	WAC-01		WAC-01	59th Ave. North	Street end	4/16/2018	12:36	Low	15:15	34.7		31	Grab
E18-0782	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	4/23/2018	11:34	Low	9:23	34.2		31	Grab
E18-0783	WAC-09		WAC-09	47th Ave. South	Street end	4/23/2018	11:46	Low	9:23	34.2		10	Grab
E18-0784	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	4/23/2018	11:55	Low	9:23	33.8		<10	Grab
E18-0785	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	4/23/2018	12:06	Low	9:23	33.9		<10	Grab
E18-0786	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	4/23/2018	12:23	Low	9:23	34.1		10	Grab
E18-0787	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	4/23/2018	12:18	Low	9:23	34.1		<10	Grab
E18-0788	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	4/23/2018	12:34	High	15:34	33.8		<10	Grab
E18-0789	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	4/23/2018	12:41	High	15:34	33.9		<10	Grab
E18-0789	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	4/23/2018	12:41	High	15:34	33.9		<10	LD
E18-0790	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	4/23/2018	12:41	High	15:34	33.9		<10	FD
E18-0791	WAC-03		WAC-03	30th Ave. North	Street end	4/23/2018	12:48	High	15:34	33.9		10	Grab
E18-0792	WAC-02		WAC-02	45th Ave. North	Street end	4/23/2018	12:55	High	15:34	33.9		<10	Grab
E18-0793	WAC-01		WAC-01	59th Ave. North	Street end	4/23/2018	13:03	High	15:34	33.8		<10	Grab
E18-0831	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	4/30/2018	11:04	High	9:07	34.30		20	Grab
E18-0832	WAC-09		WAC-09	47th Ave. South	Street end	4/30/2018	11:21	High	9:07	34.7		10	Grab



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E18-0833	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	4/30/2018	11:30	High	9:07	34.6		<10	Grab
E18-0834	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	4/30/2018	11:44	High	9:07	34.6		<10	Grab
E18-0835	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	4/30/2018	11:53	High	9:07	34.8		<10	Grab
E18-0836	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	4/30/2018	11:58	High	9:07	34.7		<10	Grab
E18-0837	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	4/30/2018	12:08	High	9:07	34.6		<10	Grab
E18-0838	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	4/30/2018	12:17	Low	15:17	34.6		31	Grab
E18-0839	WAC-03		WAC-03	30th Ave. North	Street end	4/30/2018	12:25	Low	15:17	34.6		10	Grab
E18-0839	WAC-03		WAC-03	30th Ave. North	Street end	4/30/2018	12:25	Low	15:17	34.6		<10	LD
E18-0840	WAC-03		WAC-03	30th Ave. North	Street end	4/30/2018	12:25	Low	15:17	34.7		<10	FD
E18-0841	WAC-02		WAC-02	45th Ave. North	Street end	4/30/2018	12:34	Low	15:17	34.5		<10	Grab
E18-0842	WAC-01		WAC-01	59th Ave. North	Street end	4/30/2018	12:43	Low	15:17	34.5		<10	Grab