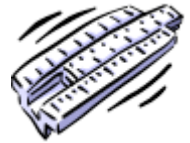


*PUBLIC WORKS DEPARTMENT*  
*Monthly Report*

*Kevin D. Blayton, PE*  
*Director*



***ENGINEERING DIVISION***  
*Engineering Manager*



***UTILITY DIVISION***  
*Ralph Norris, Operations Manager*



***STREET & DRAINAGE DIVISION***  
*Robert Turner, Operations Manager*



***SANITATION DIVISION***  
*Lent Williams, Operations Manger*



***FLEET MAINTENANCE DIVISION***  
*Delton Grissett, Superintendent*



***FACILITIES MAINTENANCE DIVISION***  
*Richard Vernon, Supervisor*



*August 2018*

# Public Works Department

## Monthly Statistics

	2018	2017
<b>Water Supply &amp; Demand – <u>June</u></b>		
• Average Daily Water Use	7.5 MGD	7.4 MGD
• Water Pumped	230,799,500 Gallons	228,296,500 Gallons
• Water Billed**	153,695,000 Gallons	155,606,000 Gallons
<b>Wastewater Collection/Treatment - <u>June</u></b>		
• Average Daily Sewer Treated	4.7 MGD	4.6 MGD
• Peak Daily Sewer Treated	6.2 MGD	5.7 MGD
• Sewer Billed**	111,256,000 Gallons	155,606,000 Gallons
• Sewer Unbilled**	618,000 Gallons	3,247,000 Gallons
<b>Solid Waste Collection &amp; Disposal – <u>July</u></b>		
• Volume		
○ MSW	1,844 Tons	1,719 Tons
○ Yard Waste	320 Tons	331 Tons
○ Recycled (Includes E-Waste)	253 Tons	205 Tons
○ C & D	111 Tons	80 Tons
○ Total Pick-up/Disposal	2,528 Tons	2,335 Tons
• Recycling %	14%	12%
• Landfill Disposal Cost	\$75,752	\$71,723
<b>Fleet Maintenance - <u>July</u></b>		
• Preventative Maintenance		
○ # Vehicles	138	115
○ Cost	\$4,676.49	\$4,000
• Repairs		
○ # Vehicles	94	51
○ Cost	\$117,843.97	\$109,165.55
<b>Facility Maintenance - <u>July</u></b>		
• # Work Order Requests	62	82
• Cost	\$3,045	\$4,500

MGD=Million Gallons per Day

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

# Public Works Department Capital Improvement Project Update

## *Water and Sewer System Improvements*

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
Water System Improvements - CG	East Cherry Grove	City	Impact	Construction 0%	Start Construction Fall 2018
		R.H. Moore	\$1,500,000		
Sewer System Improvements - OD	Ocean Drive – Tilghman Section	City	Impact	Construction 50%	Restart Construction Fall 2018
		RH Moore	\$2,750,000		
South Ocean Boulevard Water/Sewer Crescent Beach	17 <sup>th</sup> Avenue South to 28 <sup>th</sup> Avenue South	DDC	Impact	Construction 95%	Restart Construction Fall 2018
		RH Moore	\$2,000,000		
AIWW Retaining Wall	Ocean Drive WWTP	Design-Build	WWTP	Construction 95%	Continue
		Greenwall	\$1,435,000		
Riverside Drive Sewer	Riverside Dr. LRN Rd. to end	City	Impact	Design 80%	Complete Design
		TBD	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	TBD	Impact	Preliminary Design	Select Consultant
		TBD	TBD		
Duffy St Water Tank Painting	31 <sup>st</sup> Ave N/Duffy St	AECOM	Operating	Design Complete	Bid September 2018
		TBD	TBD		

### *Storm Drainage System Improvements*

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
Priority Group 3/4 Drainage Imp	Various	City	Stormwater	Begin Survey/Design	Continue Design
		TBD	\$700,000		
Priority Group 2 Drainage Imp	Various	City	Stormwater	95% Construction	Construction closeout
		AASAP	\$700,000		
18 <sup>th</sup> Avenue North Ocean Outfall	Ocean Drive	DDC	Stormwater	Design and Permit Complete	Construction Fall 2019
		TBD	TBD		

### *Beach Improvements*

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
Emergency Beach Access	5 <sup>th</sup> Ave North	HRT	Street Improvement	Design Complete	Bid for Construction
		TBD	TBD		
Beach Access 2018	8 Locations	HRT	Street Improvement	Design Complete	Bid for Construction
		TBD	TBD		
Beach Renourishment	OD/CB	USACE	Beach	USACE Contract Awarded	Begin Reach 1 November 2018
		GLDD	\$4.8 M		
Beach Parking Study	Citywide	TBD	TBD	RFP Due August 24	Select Consultant

## *Street Improvements*

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
11 <sup>th</sup> Ave N Widening	11 <sup>th</sup> Ave N – Hwy 17 to Golfview Drive	Stantec	Various	Construction 98%	Complete Construction
		RH Moore	\$2,750,000		
South Ocean Blvd Widening Crescent Beach	17 <sup>th</sup> Ave S to 28 <sup>th</sup> Ave S	Stantec	SCDOT - GSATS	Construction 50%	Restart Construction September 2018
		RH Moore	\$3,950,000		
South Ocean Boulevard ECT Crescent Beach	17 <sup>th</sup> Avenue South to 28 <sup>th</sup> Avenue South	DDC	Franchise	Construction 80%	Restart Construction September 2018
		RH Moore	\$8,000,000		
Resurfacing – 2018	Various	City	Street Improvement/CTC	Construction 50%	Continue Paving
		Palmetto Corp	\$500,000		
2 <sup>nd</sup> Avenue North Widening	Highway 17 at 2 <sup>nd</sup> Avenue North	City	Street Improvement	Design complete.	Re-bid Fall 2018
		TBD	TBD		
RIDE III Street Resurfacing	Citywide	City	RIDE III	Construction 50%	Continue Paving
		Palmetto	\$985,512		
NOB ECT	Cherry Grove - 29 <sup>th</sup> N to 34 <sup>th</sup> N	Mead & Hunt	Franchise Fund	Design Complete	Construction Start Fall 2019
		TBD	TBD		
LRN Road Path	LRN Road	HRT	TBD	Survey/Design 30%	Complete Survey & Secure Funding
		TBD	TBD		
Edge Parkway Path	Edge Pkwy.	HRT	TBD	Preliminary Design	Secure Funding
		TBD	TBD		

### *Building/Park Improvements*

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
Fire Station #3 Driveways	33 <sup>rd</sup> Ave S	HRT	Fire	Design Complete	Construction Fall 2018
		TBD	TBD		
NMB Sports Complex Boardwalk	Cypress Swamp	HRT	Parks	Construction – 90%	Complete Construction
		Sellers			
Transfer Station Improvements	2 <sup>nd</sup> Avenue South	HRT	Sanitation	Design 50%	Complete Design
		TBD	TBD		
53 <sup>rd</sup> Ave Pier Replacement	53 <sup>rd</sup> Boat Ramp	HRT	TBD	Design 50%	Complete Design
		TBD	TBD		



**North Myrtle Beach - Ocean Monitoring  
Official Results for June 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
E18-1029	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	6/6/2018	8:03	Low	8:23	33.0		<b>62</b>	Grab
E18-1030	WAC-09		WAC-09	47th Ave. South	Street end	6/6/2018	8:15	Low	8:23	34.7		<b>10</b>	Grab
E18-1031	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	6/6/2018	8:24	Low	8:23	34.6		<b>&lt;10</b>	Grab
E18-1031	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	6/6/2018	8:24	Low	8:23	34.6		<b>&lt;10</b>	LD
E18-1032	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	6/6/2018	8:24	Low	8:23	34.6		<b>&lt;10</b>	FD
E18-1033	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	6/6/2018	8:40	Low	8:23	34.2		<b>20</b>	Grab
E18-1034	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	6/6/2018	8:55	Low	8:23	34.2		<b>&lt;10</b>	Grab
E18-1035	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	6/6/2018	8:50	Low	8:23	34.2		<b>&lt;10</b>	Grab
E18-1036	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	6/6/2018	9:04	Low	8:23	34.1		<b>&lt;10</b>	Grab
E18-1037	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	6/6/2018	9:13	Low	8:23	34.2		<b>&lt;10</b>	Grab
E18-1038	WAC-03		WAC-03	30th Ave. North	Street end	6/6/2018	9:23	Low	8:23	34.2		<b>&lt;10</b>	Grab
E18-1039	WAC-02		WAC-02	45th Ave. North	Street end	6/6/2018	9:31	Low	8:23	34.2		<b>&lt;10</b>	Grab
E18-1040	WAC-01		WAC-01	59th Ave. North	Street end	6/6/2018	9:41	Low	8:23	34.1		<b>20</b>	Grab
E18-1096	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	6/13/2018	7:56	High	8:16	33.2		<b>10</b>	Grab
E18-1097	WAC-09		WAC-09	47th Ave. South	Street end	6/13/2018	8:09	High	8:16	33.1		<b>31</b>	Grab
E18-1098	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	6/13/2018	8:18	High	8:16	33.0		<b>31</b>	Grab
E18-1099	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	6/13/2018	8:29	High	8:16	32.7		<b>31</b>	Grab
E18-1099	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	6/13/2018	8:29	High	8:16	32.7		<b>31</b>	LD
E18-1100	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	6/13/2018	8:29	High	8:16	32.8		<b>86</b>	FD
E18-1101	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	6/13/2018	8:47	High	8:16	32.8		<b>20</b>	Grab
E18-1102	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	6/13/2018	8:42	High	8:16	33.0		<b>20</b>	Grab
E18-1103	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	6/13/2018	8:58	High	8:16	33.1		<b>41</b>	Grab
E18-1104	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	6/13/2018	9:07	High	8:16	33.1		<b>10</b>	Grab
E18-1105	WAC-03		WAC-03	30th Ave. North	Street end	6/13/2018	9:16	High	8:16	33.3		<b>20</b>	Grab
E18-1106	WAC-02		WAC-02	45th Ave. North	Street end	6/13/2018	9:27	High	8:16	33.2		<b>10</b>	Grab
E18-1107	WAC-01		WAC-01	59th Ave. North	Street end	6/13/2018	9:34	High	8:16	33.1		<b>20</b>	Grab
E18-1134	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	6/20/2018	8:19	Low	8:40	34.7		<b>&lt;10</b>	Grab



**North Myrtle Beach - Ocean Monitoring  
Official Results for June 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
E18-1135	WAC-09		WAC-09	47th Ave. South	Street end	6/20/2018	8:33	Low	8:40	34.4		20	Grab
E18-1136	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	6/20/2018	8:44	Low	8:40	34.5		<10	Grab
E18-1137	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	6/20/2018	8:57	Low	8:40	34.6		20	Grab
E18-1138	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	6/20/2018	9:11	Low	8:40	34.5		<10	Grab
E18-1138	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	6/20/2018	9:11	Low	8:40	34.5		20	LD
E18-1139	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	6/20/2018	9:11	Low	8:40	34.5		10	FD
E18-1140	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	6/20/2018	9:06	Low	8:40	34.5		31	Grab
E18-1141	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	6/20/2018	9:24	Low	8:40	34.5		10	Grab
E18-1142	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	6/20/2018	9:34	Low	8:40	34.2		10	Grab
E18-1143	WAC-03		WAC-03	30th Ave. North	Street end	6/20/2018	9:43	Low	8:40	34.5		20	Grab
E18-1144	WAC-02		WAC-02	45th Ave. North	Street end	6/20/2018	9:52	Low	8:40	34.5		<10	Grab
E18-1145	WAC-01		WAC-01	59th Ave. North	Street end	6/20/2018	10:03	Low	8:40	34.5		10	Grab
E18-1204	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	6/27/2018	8:14	High	8:10	35.5		<10	Grab
E18-1205	WAC-09		WAC-09	47th Ave. South	Street end	6/27/2018	8:26	High	8:10	35.4		31	Grab
E18-1206	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	6/27/2018	8:36	High	8:10	35.5		20	Grab
E18-1207	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	6/27/2018	8:47	High	8:10	35.4		<10	Grab
E18-1208	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	6/27/2018	9:01	High	8:10	35.2		<10	Grab
E18-1209	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	6/27/2018	8:56	High	8:10	35.1		<10	Grab
E18-1209	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	6/27/2018	8:56	High	8:10	35.1		<10	LD
E18-1210	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	6/27/2018	8:56	High	8:10	35.1		<10	FD
E18-1211	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	6/27/2018	9:10	High	8:10	35.0		62	Grab
E18-1212	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	6/27/2018	9:20	High	8:10	34.7		<10	Grab
E18-1213	WAC-03		WAC-03	30th Ave. North	Street end	6/27/2018	9:29	High	8:10	34.4		10	Grab
E18-1214	WAC-02		WAC-02	45th Ave. North	Street end	6/27/2018	9:38	High	8:10	34.1		<10	Grab
E18-1215	WAC-01		WAC-01	59th Ave. North	Street end	6/27/2018	9:48	High	8:10	34.1		<10	Grab