

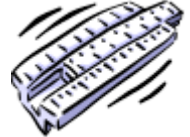
# ***PUBLIC WORKS DEPARTMENT***

## ***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***



***January 2019***

# Public Works Department

## Monthly Statistics

	2018	2017
<b>Water Supply &amp; Demand – December</b>		
• Average Daily Water Use	3.1 MGD	3.6 MGD
• Water Pumped	94,549,400 Gallons	111,992,650 Gallons
• Water Billed**	104,707,000 Gallons	106,063,000 Gallons
<b>Wastewater Collection/Treatment - December</b>		
• Average Daily Sewer Treated	4.0 MGD	2.9 MGD
• Peak Daily Sewer Treated	7.4 MGD	3.8 MGD
• Sewer Billed**	80,128,000 Gallons	77,681,000 Gallons
• Sewer Unbilled**	469,000 Gallons	499,000 Gallons
<b>Solid Waste Collection &amp; Disposal – December</b>		
• Volume		
○ MSW	760 Tons	659 Tons
○ Yard Waste	253 Tons	277 Tons
○ Recycled (Includes E-Waste)	155 Tons	147 Tons
○ C & D	71 Tons	154 Tons
○ Total Pick-up/Disposal	1,239 Tons	1,247 Tons
• Recycling %	21%	19%
• Landfill Disposal Cost	\$36,388	\$33,039
<b>Fleet Maintenance - December</b>		
• Preventative Maintenance		
○ # Vehicles	20	
○ Cost	\$20,100	
• Repairs		
○ # Vehicles	75	
○ Cost	\$63,550	
<b>Facility Maintenance - December</b>		
• # Work Order Requests	33	
• Cost	\$8,993	

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 70%	Continue
		R.H. Moore	\$1,500,000		
Sewer System Improvements - OD	Ocean Drive – Tilghman Section	City	Impact	Construction 60%	Continue
		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%	Continue
		RH Moore	\$2,000,000		
AIWW Retaining Wall	Ocean Drive WWTP	Design-Build	WWTP	Warranty Period	Close-out
		Greenwall	\$1,435,000		
Riverside Drive Sewer	Riverside Dr. LRN Rd. to end	City	Impact	Design Complete	SCDHEC Permit & Bid
		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	DDC	Impact	Preliminary Design	Begin Survey
		TBD	TBD		
Duffy St Water Tank Painting	31 <sup>st</sup> Ave N/Duffy St	AECOM	Operating	Construction 10%	Continue
		Utility Service Co.	\$1,250,000		

### *Storm Drainage System Improvements*

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
Priority Group 3/4 Drainage Imp	Various	City	Stormwater	Survey/Design	Continue Design
		TBD	\$700,000		
18 <sup>th</sup> Avenue North Ocean Outfall	Ocean Drive	DDC	Stormwater	Design and Permit Complete	Fall 2020
		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	Construction 0%	Start Const.
Beach Access 2018	8 Locations	HRT	Street Improvement	Construction 15%	Under Construction
		Sellers	\$115,589		
Beach Renourishment	OD/CB	USACE	Beach	Construction 75%	Begin Phase 3
		GLDD	\$4.8 M		
Beach Parking Study	Citywide	Kimley Horn	Beach	Preliminary Assessment Underway	Continue

## *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 99%	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%	Continue
		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%	Continue
		RH Moore	\$8,000,000		
Resurfacing – 2018	Various	City	Street Improvement/CTC	Construction 100%	Complete
		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 for construction
		TBD	TBD		
RIDE III Street Resurfacing	Citywide	City	RIDE III	Construction 100%	Complete
		Palmetto	\$985,512		
NOB ECT	Cherry Grove - 29 <sup>th</sup> N to 34 <sup>th</sup> N	Mead & Hunt	Franchise Fund	Design Complete	Fall 2020
		TBD	TBD		
LRN Road Path	LRN Road	HRT	TBD	Survey/Design 50%	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	Bid	Award
		TBD	TBD		
NMB Sports Complex Boardwalk	Cypress Swamp	HRT	Parks	Complete	Complete
		Sellers			
Transfer Station Improvements	2 <sup>nd</sup> Avenue South	HRT	Sanitation	Design 80%	Complete Design
		TBD	TBD		
53 <sup>rd</sup> Ave Pier Replacement	53 <sup>rd</sup> Boat Ramp	HRT	Park	Construction 0%	Begin Construction
		Sellers	\$135,000		



**North Myrtle Beach - Ocean Monitoring  
Official Results for November 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
E18-2007	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	11/5/2018	10:19	Low	12:08	31.2		318	Grab
E18-2008	WAC-09		WAC-09	47th Ave. South	Street end	11/5/2018	10:31	Low	12:08	32.2		<10	Grab
E18-2008	WAC-09		WAC-09	47th Ave. South	Street end	11/5/2018	10:31	Low	12:08	32.2		41	LD
E18-2009	WAC-09		WAC-09	47th Ave. South	Street end	11/5/2018	10:31	Low	12:08	32.3		41	FD
E18-2010	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	11/5/2018	10:40	Low	12:08	32.1		31	Grab
E18-2011	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	11/5/2018	10:52	Low	12:08	32.0		41	Grab
E18-2012	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	11/5/2018	11:08	Low	12:08	32.1		10	Grab
E18-2013	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	11/5/2018	11:03	Low	12:08	32.0		20	Grab
E18-2014	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	11/5/2018	11:18	Low	12:08	31.8		20	Grab
E18-2015	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	11/5/2018	11:27	Low	12:08	31.6		10	Grab
E18-2016	WAC-03		WAC-03	30th Ave. North	Street end	11/5/2018	11:34	Low	12:08	31.7		10	Grab
E18-2017	WAC-02		WAC-02	45th Ave. North	Street end	11/5/2018	11:42	Low	12:08	31.9		10	Grab
E18-2018	WAC-01		WAC-01	59th Ave. North	Street end	11/5/2018	11:53	Low	12:08	32.0		74	Grab
E18-2057	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	11/12/2018	10:35	High	11:10	31.6		10	Grab
E18-2058	WAC-09		WAC-09	47th Ave. South	Street end	11/12/2018	10:46	High	11:10	32.0		10	Grab
E18-2059	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	11/12/2018	10:54	High	11:10	32.0		<10	Grab
E18-2059	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	11/12/2018	10:54	High	11:10	31.9		<10	LD
E18-2060	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	11/12/2018	10:54	High	11:10	32.1		10	FD
E18-2061	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	11/12/2018	11:06	High	11:10	32.1		10	Grab
E18-2062	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	11/12/2018	11:18	High	11:10	31.9		<10	Grab
E18-2063	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	11/12/2018	11:13	High	11:10	31.8		<10	Grab
E18-2064	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	11/12/2018	11:24	High	11:10	32.0		10	Grab
E18-2065	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	11/12/2018	11:32	High	11:10	32.3		30	Grab
E18-2066	WAC-03		WAC-03	30th Ave. North	Street end	11/12/2018	11:37	High	11:10	32.1		10	Grab
E18-2067	WAC-02		WAC-02	45th Ave. North	Street end	11/12/2018	11:43	High	11:10	32.0		10	Grab
E18-2068	WAC-01		WAC-01	59th Ave. North	Street end	11/12/2018	11:52	High	11:10	32.1		<10	Grab
E18-2114	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	11/19/2018	10:09	Low	10:54	29.7		259	Grab



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E18-2115	WAC-09		WAC-09	47th Ave. South	Street end	11/19/2018	10:20	Low	10:54	32.0		<10	Grab
E18-2116	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	11/19/2018	10:28	Low	10:54	31.9		20	Grab
E18-2117	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	11/19/2018	10:39	Low	10:54	32.2		20	Grab
E18-2117	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	11/19/2018	10:39	Low	10:54	32.2		30	LD
E18-2118	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	11/19/2018	10:39	Low	10:54	32.2		10	FD
E18-2119	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	11/19/2018	10:51	Low	10:54	32.3		10	Grab
E18-2120	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	11/19/2018	10:46	Low	10:54	32.3		<10	Grab
E18-2121	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	11/19/2018	10:59	Low	10:54	32.2		52	Grab
E18-2122	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	11/19/2018	11:07	Low	10:54	32.3		<10	Grab
E18-2123	WAC-03		WAC-03	30th Ave. North	Street end	11/19/2018	11:15	Low	10:54	32.4		10	Grab
E18-2124	WAC-02		WAC-02	45th Ave. North	Street end	11/19/2018	11:22	Low	10:54	32.3		10	Grab
E18-2125	WAC-01		WAC-01	59th Ave. North	Street end	11/19/2018	11:31	Low	10:54	32.2		10	Grab
E18-2152	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	11/26/2018	10:20	High	10:04	32.2		10	Grab
E18-2153	WAC-09		WAC-09	47th Ave. South	Street end	11/26/2018	10:30	High	10:04	32.2		10	Grab
E18-2154	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	11/26/2018	10:38	High	10:04	32.0		52	Grab
E18-2155	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	11/26/2018	10:48	High	10:04	31.9		<10	Grab
E18-2156	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	11/26/2018	11:00	High	10:04	31.4		63	Grab
E18-2156	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	11/26/2018	11:00	High	10:04	31.4		31	LD
E18-2157	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	11/26/2018	11:00	High	10:04	31.3		31	FD
E18-2158	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	11/26/2018	10:55	High	10:04	31.4		20	Grab
E18-2159	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	11/26/2018	11:07	High	10:04	30.3		62	Grab
E18-2160	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	11/26/2018	11:14	High	10:04	30.7		52	Grab
E18-2161	WAC-03		WAC-03	30th Ave. North	Street end	11/26/2018	11:20	High	10:04	30.3		131	Grab
E18-2162	WAC-02		WAC-02	45th Ave. North	Street end	11/26/2018	11:27	High	10:04	29.4		135	Grab
E18-2163	WAC-01		WAC-01	59th Ave. North	Street end	11/26/2018	11:35	High	10:04	29.4		97	Grab