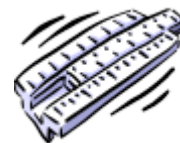


PUBLIC WORKS DEPARTMENT
Monthly Report

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



September 2018

Public Works Department

Monthly Statistics

Water Supply & Demand – August

- Average Daily Water Use
- Water Pumped
- Water Billed**

2018
 7.5 MGD
 230,799,500 Gallons
 153,695,000 Gallons

2017
 7.4 MGD
 228,296,500 Gallons
 155,606,000 Gallons

Wastewater Collection/Treatment - August

- Average Daily Sewer Treated
- Peak Daily Sewer Treated
- Sewer Billed**
- Sewer Unbilled**

2018
 4.7 MGD
 6.2 MGD
 111,256,000 Gallons
 618,000 Gallons

2017
 4.6 MGD
 5.7 MGD
 155,606,000 Gallons
 3,247,000 Gallons

Solid Waste Collection & Disposal – August

- Volume
 - MSW
 - Yard Waste
 - Recycled (Includes E-Waste)
 - C & D
 - Total Pick-up/Disposal
- Recycling %
- Landfill Disposal Cost

2018
 1,844 Tons
 320 Tons
 253 Tons
 111 Tons
 2,528 Tons
 14%
 \$75,752

2017
 1,719 Tons
 331 Tons
 205 Tons
 80 Tons
 2,335 Tons
 12%
 \$71,723

Fleet Maintenance - August

- Preventative Maintenance
 - # Vehicles
 - Cost
- Repairs
 - # Vehicles
 - Cost

2018
 142
 \$47,105
 93
 \$121,543

Facility Maintenance - August

- # Work Order Requests
- Cost

2018
 77
 \$6,583

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 10%	Continue
		R.H. Moore	\$1,500,000		
Sewer System Improvements - OD	Ocean Drive – Tilghman Section	City	Impact	Construction 50%	Continue
		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%	Restart Construction Fall 2018
		RH Moore	\$2,000,000		
AIWW Retaining Wall	Ocean Drive WWTP	Design-Build	WWTP	Construction Complete	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	TBD	Impact	Preliminary Design	Select Consultant
		TBD	TBD		
Duffy St Water Tank Painting	31 st Ave N/Duffy St	AECOM	Operating	Design Complete	Bid October 4
		TBD	TBD		

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		
Priority Group 2 Drainage Imp	Various	City	Stormwater	Construction Complete	Closeout
		AASAP	\$700,000		
18 th 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 th 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	Consultant Agreement	Begin Study

Street Improvements

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
11 th Ave N Widening	11 th 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 th Ave S to 28 th Ave S	Stantec	SCDOT - GSATS	Construction 50%	Restart 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%	Restart Construction
		RH Moore	\$8,000,000		
Resurfacing – 2018	Various	City	Street Improvement/CTC	Construction 75%	Continue Paving
		Palmetto Corp	\$500,000		
2 nd Avenue North Widening	Highway 17 at 2 nd Avenue North	City	Street Improvement	Design complete.	Re-bid
		TBD	TBD		
RIDE III Street Resurfacing	Citywide	City	RIDE III	Construction Complete	Closeout
		Palmetto	\$985,512		
NOB ECT	Cherry Grove - 29 th N to 34 th N	Mead & Hunt	Franchise Fund	Design Complete	Construction Start Fall 2019
		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 rd Ave S	HRT	Fire	Design Complete	Obtain Bids
		TBD	TBD		
NMB Sports Complex Boardwalk	Cypress Swamp	HRT	Parks	Construction Complete	Closeout
		Sellers			
Transfer Station Improvements	2 nd Avenue South	HRT	Sanitation	Design 50%	Complete Design
		TBD	TBD		
53 rd Ave Pier Replacement	53 rd Boat Ramp	HRT	TBD	Design Complete	Obtain Bids
		TBD	TBD		



**North Myrtle Beach - Ocean Monitoring
Official Results for July 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
E18-1216	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	7/2/2018	8:09	Low	5:40	34.9		30	Grab
E18-1217	WAC-09		WAC-09	47th Ave. South	Street end	7/2/2018	8:24	Low	5:40	34.9		10	Grab
E18-1218	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	7/2/2018	8:35	Low	5:40	35.0		<10	Grab
E18-1219	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	7/2/2018	8:47	High	11:33	34.9		63	Grab
E18-1220	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	7/2/2018	9:05	High	11:33	34.9		<10	Grab
E18-1221	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	7/2/2018	9:00	High	11:33	34.9		<10	Grab
E18-1222	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	7/2/2018	9:15	High	11:33	34.6		<10	Grab
E18-1222	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	7/2/2018	9:15	High	11:33	34.6		<10	LD
E18-1223	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	7/2/2018	9:15	High	11:33	34.8		<10	FD
E18-1224	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	7/2/2018	9:22	High	11:33	34.3		<10	Grab
E18-1225	WAC-03		WAC-03	30th Ave. North	Street end	7/2/2018	9:30	High	11:33	34.2		<10	Grab
E18-1226	WAC-02		WAC-02	45th Ave. North	Street end	7/2/2018	9:38	High	11:33	34.2		<10	Grab
E18-1227	WAC-01		WAC-01	59th Ave. North	Street end	7/2/2018	9:49	High	11:33	34.5		<10	Grab
E18-1289	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	7/11/2018	8:06	High	6:56	34.8		<10	Grab
E18-1290	WAC-09		WAC-09	47th Ave. South	Street end	7/11/2018	8:18	High	6:56	34.9		10	Grab
E18-1291	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	7/11/2018	8:29	High	6:56	34.8		<10	Grab
E18-1292	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	7/11/2018	8:42	High	6:56	34.7		10	Grab
E18-1293	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	7/11/2018	9:00	High	6:56	34.7		10	Grab
E18-1294	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	7/11/2018	8:55	High	6:56	34.7		31	Grab
E18-1295	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	7/11/2018	9:10	High	6:56	34.7		<10	Grab
E18-1296	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	7/11/2018	9:20	High	6:56	34.6		10	Grab
E18-1296	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	7/11/2018	9:20	High	6:56	34.6		<10	LD
E18-1297	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	7/11/2018	9:20	High	6:56	34.7		20	FD
E18-1298	WAC-03		WAC-03	30th Ave. North	Street end	7/11/2018	9:29	High	6:56	34.6		31	Grab
E18-1299	WAC-02		WAC-02	45th Ave. North	Street end	7/11/2018	9:38	High	6:56	34.7		10	Grab
E18-1300	WAC-01		WAC-01	59th Ave. North	Street end	7/11/2018	9:48	High	6:56	34.6		<10	Grab
E18-1333	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	7/18/2018	8:22	Low	7:18	34.8		20	Grab



**North Myrtle Beach - Ocean Monitoring
Official Results for July 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
E18-1334	WAC-09		WAC-09	47th Ave. South	Street end	7/18/2018	8:32	Low	7:18	34.5		30	Grab
E18-1335	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	7/18/2018	8:43	Low	7:18	34.7		84	Grab
E18-1336	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	7/18/2018	8:55	Low	7:18	34.7		51	Grab
E18-1337	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	7/18/2018	9:06	Low	7:18	34.8		119	Grab
E18-1338	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	7/18/2018	9:01	Low	7:18	34.8		20	Grab
E18-1339	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	7/18/2018	9:15	Low	7:18	34.8		41	Grab
E18-1340	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	7/18/2018	9:24	Low	7:18	34.8		657	Grab
E18-1341	WAC-03		WAC-03	30th Ave. North	Street end	7/18/2018	9:32	Low	7:18	34.7		377	Grab
E18-1341	WAC-03		WAC-03	30th Ave. North	Street end	7/18/2018	9:32	Low	7:18	34.7		295	LD
E18-1342	WAC-03		WAC-03	30th Ave. North	Street end	7/18/2018	9:32	Low	7:18	34.7		238	FD
E18-1343	WAC-02		WAC-02	45th Ave. North	Street end	7/18/2018	9:40	Low	7:18	34.7		41	Grab
E18-1344	WAC-01		WAC-01	59th Ave. North	Street end	7/18/2018	9:50	Low	7:18	34.7		20	Grab
E18-1380	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	7/25/2018	7:52	High	6:58	33.6		10	Grab
E18-1381	WAC-09		WAC-09	47th Ave. South	Street end	7/25/2018	8:07	High	6:58	33.4		20	Grab
E18-1382	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	7/25/2018	8:16	High	6:58	33.1		10	Grab
E18-1383	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	7/25/2018	8:28	High	6:58	32.5		934	Grab
E18-1384	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	7/25/2018	8:44	High	6:58	32.9		74	Grab
E18-1385	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	7/25/2018	8:40	High	6:58	32.7		85	Grab
E18-1386	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	7/25/2018	8:55	High	6:58	32.1		241	Grab
E18-1387	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	7/25/2018	9:06	High	6:58	22.1		11,199	Grab
E18-1388	WAC-03		WAC-03	30th Ave. North	Street end	7/25/2018	9:13	High	6:58	32.4		109	Grab
E18-1389	WAC-02		WAC-02	45th Ave. North	Street end	7/25/2018	9:22	High	6:58	33.2		10	Grab
E18-1389	WAC-02		WAC-02	45th Ave. North	Street end	7/25/2018	9:22	High	6:58	33.2		10	LD
E18-1390	WAC-02		WAC-02	45th Ave. North	Street end	7/25/2018	9:22	High	6:58	33.2		<10	FD
E18-1391	WAC-01		WAC-01	59th Ave. North	Street end	7/25/2018	9:31	High	6:58	33.0		<10	Grab