

PUBLIC WORKS DEPARTMENT

Monthly Report

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



***ENGINEERING DIVISION
Dana Hamilton, PE, Engineering Manager***



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



***STREET & DRAINAGE DIVISION
John Bruton, Operations Manager***



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



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



***FACILITIES MAINTENANCE DIVISION
Richard Vernon, Superintendent***



June 2021

Public Works Department

Monthly Statistics for June

	2021	2020
Water Supply & Use		
• Average Daily Water Use	7.6 MGD	5.7 MGD
• Water Pumped	235,411,800 Gallons	177,578,800 Gallons
• Water Billed**	147,605,000 Gallons	95,942,000 Gallons
Wastewater Treatment		
• Average Daily Sewer Treated	4.6 MGD	3.6 MGD
• Peak Daily Sewer Treated	6.3 MGD	6.3 MGD
• Sewer Pumped	140,090,000 Gallons	109,093,000 Gallons
• Sewer Billed**	114,759,000 Gallons	70,100,000 Gallons
Utility Locate Requests	33	368
Solid Waste Collection & Disposal		
• Volume		
○ MSW	1,279 Tons	1,221 Tons
○ Yard Waste	375 Tons	471 Tons
○ Recycled (Includes E-Waste)	211 Tons	195 Tons
○ C & D	119 Tons	121 Tons
○ Total Pick-up/Disposal	2,984 Tons	2,008 Tons
• Recycling %	16%	16%
• Landfill Disposal Cost	\$59,678	\$57,373

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		
Riverside Drive Sewer	Riverside Dr. LRN Rd. to end	City	Impact	Construction 85%	Continue
		CL Benton	\$913,000		
Water Tank Barefoot BPS	Bridge Road @ Windy Hill Ext.	TBD	Impact	Preliminary Design	Hold
		TBD	TBD		
North Transmission Water Line	Vereen Road	TBD	Impact	Preliminary Design	Hold
		TBD	TBD		
Sewer Force Main Replacement	Cherry Grove & Ocean Drive	DDC	Impact	Permits Acquired	Bid Summer 2021
		TBD	TBD		
Myrtle Beach Water Transmission Main	Myrtle Beach	MB	Impact	Begin Design FY 2022	Continue
		DDC	TBD		
LRN Water Line & Tank	Little River Neck Road	City and TBD	Impact	Preliminary Design Complete	Site Selection & Tank Design
		TBD	TBD		
Jacks Circle & Harrelson Water Line	Little River Neck	City	RIA/County	Design 50%	Grant Application
		TBD	TBD		
White Point BPS Electrical	Windy Hill	TBD	W/S Capital	RFQ	Prepare RFQ
		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	Design, Permits, Easements
		TBD	\$700,000		
18 th Avenue North Ocean Outfall	Ocean Drive	DDC	Stormwater	Bid Summer 2022	Construction Start Fall 2022
		TBD	TBD		

Beach Access & Parking Improvements

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
Beach Access 2020	Various	HRT	Capital	Design	Acquire construction easements
		TBD	TBD		
Beach Parking Street End Imp.	Ocean Drive	HRT	TBD	Landscape Bid Summer 2021	Construction 2021
		City	TBD		

Street Improvements

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
South Ocean Blvd Widening Crescent Beach	17 th Ave S to 28 th Ave S	Stantec	SCDOT - GSATS	Construction Complete	Final SCDOT Reimbursement
		RH Moore	\$4,600,000		
Resurfacing – 2019	Various	City	Street Improvement/CTC	Complete	CTC Reimbursement
		Southern Asphalt	\$1,300,000		
2 nd Avenue North Widening & Paving	Highway 17 at 2 nd Avenue North	City	St. Imp./CTC	Design	Bid Spring 2021
		TBD	TBD		
Hwy 17 & 27 th Ave S Intersection	Highway 17 @ 27 th S	SCDOT	GSATS	Preliminary Design	Construction Funding 2024
		TBD	\$1,850,000		
NOB ECT	Cherry Grove - 29th N to 35th N	Mead & Hunt	Franchise Fund	Easement Acquisition	Revise Plans & Bid Fall 2021
		TBD	TBD		
LRN Road Path	LRN Road	HRT	GSATS/Horry/NMB	Funding Agmt.	Submit for SCDOT Permit
		TBD	\$1,000,000		
Edge Parkway Path Phase I	Edge Pkwy.	HRT	TBD	Design 50%	Hold
		TBD	TBD		
Sidewalk FY20	Commons Blvd; Hwy 17N 8 th - 11 th	HRT	St. Imp.	Design 50%	Hold
		TBD	TBD		
Champions Blvd. Extension	Sports Park	Design/Build	Park	Preliminary Design	Schedule with Park Expansion
		TBD	TBD		

Building/Park Improvements

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
1 st Ave S Oceanfront	Ocean Drive	HRT TBD	Capital TBD	Preliminary Design	Hold
Heritage Park Seawall	Cherry Grove	HRT	Park	Design 75% Complete	Permit
		TBD	TBD		
CG Boat Ramp Parking Seawall	Cherry Grove	Beam Assoc.	CG Dredge	Preliminary Design	Permit
		TBD	TBD		
Cherry Grove Maintenance Dredge	Cherry Grove	Beam Assoc.	CG Dredge	Design	Permit
		TBD	TBD		
City Warehouse	2 nd Ave S	HRT	Capital	Construction Complete	Complete
		Baldwin Construction	\$2,200,000		
Sanitation Facility Building & Site Work	2 nd Avenue South	HRT	Sanitation	Design 80%	Continue Design
		TBD	TBD		
Street Dept. Warehouse	Barefoot Resort Bridge Road	HRT	Street Imp.	Partial Occupied	Continue Phased Construction
		TBD	TBD		
City Warehouse Site Work	2 nd Avenue South	HRT	Capital	Construction Complete	Complete Punch List
		Greenwall Construction	\$344,203		



**North Myrtle Beach - Ocean Monitoring
Official Results for June 2021**

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
E21-0913	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	6/2/2021	9:49	Low	9:00	33.5		96	Grab
E21-0914	WAC-09		WAC-09	47th Ave. South	Street end	6/2/2021	10:03	Low	9:00	33.9		52	Grab
E21-0915	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	6/2/2021	10:11	Low	9:00	33.7		216	Grab
E21-0916	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	6/2/2021	10:20	Low	9:00	34.0		20	Grab
E21-0917	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	6/2/2021	10:27	Low	9:00	33.9		<10	Grab
E21-0918	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	6/2/2021	10:32	Low	9:00	34.0		10	Grab
E21-0919	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	6/2/2021	10:39	Low	9:00	34.1		10	Grab
E21-0920	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	6/2/2021	10:47	Low	9:00	34.1		<10	Grab
E21-0921	WAC-03		WAC-03	30th Ave. North	Street end	6/2/2021	10:55	Low	9:00	34.1		<10	Grab
E21-0922	WAC-02		WAC-02	45th Ave. North	Street end	6/2/2021	11:02	Low	9:00	34.1		10	Grab
E21-0923	WAC-01		WAC-01	59th Ave. North	Street end	6/2/2021	11:08	Low	9:00	34.2		<10	Grab
E21-0923	WAC-01		WAC-01	59th Ave. North	Street end	6/2/2021	11:08	Low	9:00	34.2		<10	LD
E21-0924	WAC-01		WAC-01	59th Ave. North	Street end	6/2/2021	11:08	Low	9:00	34.2		<10	FD
E21-0961	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	6/9/2021	7:14	High	8:15	34.5		10	Grab
E21-0962	WAC-09		WAC-09	47th Ave. South	Street end	6/9/2021	7:29	High	8:15	34.7		30	Grab
E21-0963	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	6/9/2021	7:36	High	8:15	34.5		20	Grab
E21-0964	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	6/9/2021	7:45	High	8:15	33.7		51	Grab
E21-0965	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	6/9/2021	7:52	High	8:15	34.4		10	Grab
E21-0966	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	6/9/2021	7:59	High	8:15	34.4		10	Grab
E21-0967	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	6/9/2021	8:06	High	8:15	34.4		10	Grab
E21-0967	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	6/9/2021	8:06	High	8:15	34.5		20	LD
E21-0968	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	6/9/2021	8:06	High	8:15	34.5		52	FD
E21-0969	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	6/9/2021	8:15	High	8:15	34.3		75	Grab
E21-0970	WAC-03		WAC-03	30th Ave. North	Street end	6/9/2021	8:23	High	8:15	34.2		<10	Grab
E21-0971	WAC-02		WAC-02	45th Ave. North	Street end	6/9/2021	8:31	High	8:15	34.4		20	Grab
E21-0972	WAC-01		WAC-01	59th Ave. North	Street end	6/9/2021	8:39	High	8:15	34.4		20	Grab
E21-0997	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	6/16/2021	7:42	Low	7:04	33.3		708	Grab

Amanda Swanson



**North Myrtle Beach - Ocean Monitoring
Official Results for June 2021**

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
E21-0998	WAC-09		WAC-09	47th Ave. South	Street end	6/16/2021	7:56	Low	7:04	34.3		74	Grab
E21-0999	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	6/16/2021	8:03	Low	7:04	34.5		51	Grab
E21-0999	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	6/16/2021	8:03	Low	7:04	34.5		20	LD
E21-1000	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	6/16/2021	8:03	Low	7:04	34.5		20	FD
E21-1001	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	6/16/2021	8:13	Low	7:04	34.7		<10	Grab
E21-1002	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	6/16/2021	8:20	Low	7:04	34.8		10	Grab
E21-1003	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	6/16/2021	8:27	Low	7:04	34.7		<10	Grab
E21-1004	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	6/16/2021	8:34	Low	7:04	34.7		<10	Grab
E21-1005	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	6/16/2021	8:42	Low	7:04	34.7		20	Grab
E21-1006	WAC-03		WAC-03	30th Ave. North	Street end	6/16/2021	8:50	Low	7:04	34.4		10	Grab
E21-1007	WAC-02		WAC-02	45th Ave. North	Street end	6/16/2021	8:57	Low	7:04	34.6		10	Grab
E21-1008	WAC-01		WAC-01	59th Ave. North	Street end	6/16/2021	9:05	Low	7:04	34.6		10	Grab
E21-1041	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	6/23/2021	7:54	High	7:12	34.8		<10	Grab
E21-1042	WAC-09		WAC-09	47th Ave. South	Street end	6/23/2021	8:10	High	7:12	34.8		10	Grab
E21-1043	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	6/23/2021	8:17	High	7:12	34.8		10	Grab
E21-1044	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	6/23/2021	8:27	High	7:12	34.6		231	Grab
E21-1045	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	6/23/2021	8:34	High	7:12	34.8		<10	Grab
E21-1046	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	6/23/2021	8:40	High	7:12	34.8		10	Grab
E21-1047	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	6/23/2021	8:48	High	7:12	34.8		<10	Grab
E21-1048	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	6/23/2021	8:57	High	7:12	34.7		86	Grab
E21-1048	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	6/23/2021	8:57	High	7:12	34.7		51	LD
E21-1049	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	6/23/2021	8:57	High	7:12	34.7		52	FD
E21-1050	WAC-03		WAC-03	30th Ave. North	Street end	6/23/2021	9:06	High	7:12	34.8		10	Grab
E21-1051	WAC-02		WAC-02	45th Ave. North	Street end	6/23/2021	9:14	High	7:12	34.8		<10	Grab
E21-1052	WAC-01		WAC-01	59th Ave. North	Street end	6/23/2021	9:22	High	7:12	34.8		30	Grab
E21-1073	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	6/30/2021	7:43	Low	7:33	33.1		52	Grab
E21-1074	WAC-09		WAC-09	47th Ave. South	Street end	6/30/2021	7:58	Low	7:33	33.2		<10	Grab

Amanda Sursum



**North Myrtle Beach - Ocean Monitoring
Official Results for June 2021**

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
E21-1075	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	6/30/2021	8:07	Low	7:33	33.1		20	Grab
E21-1076	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	6/30/2021	8:17	Low	7:33	32.6		30	Grab
E21-1077	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	6/30/2021	8:25	Low	7:33	33.2		10	Grab
E21-1077	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	6/30/2021	8:25	Low	7:33	33.3		<10	LD
E21-1078	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	6/30/2021	8:25	Low	7:33	33.2		10	FD
E21-1079	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	6/30/2021	8:33	Low	7:33	33.2		<10	Grab
E21-1080	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	6/30/2021	8:43	Low	7:33	33.1		20	Grab
E21-1081	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	6/30/2021	8:52	Low	7:33	33.2		<10	Grab
E21-1082	WAC-03		WAC-03	30th Ave. North	Street end	6/30/2021	9:01	Low	7:33	33.0		<10	Grab
E21-1083	WAC-02		WAC-02	45th Ave. North	Street end	6/30/2021	9:09	Low	7:33	33.1		<10	Grab
E21-1084	WAC-01		WAC-01	59th Ave. North	Street end	6/30/2021	9:16	Low	7:33	33.4		10	Grab

Amanda Sursum