

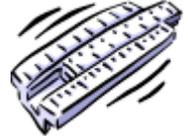
PUBLIC WORKS DEPARTMENT

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



January 2021

Public Works Department

Monthly Statistics for January

	2021	2020
Water Supply & Use		
• Average Daily Water Use	3.5 MGD	2.9 MGD
• Water Pumped	108,981,300 Gallons	90,222,800 Gallons
• Water Billed**	90,910,000 Gallons	100,115,000 Gallons
Wastewater Treatment		
• Average Daily Sewer Treated	4.1 MGD	2.9 MGD
• Peak Daily Sewer Treated	5.6 MGD	3.9 MGD
• Sewer Pumped	126,030,000 Gallons	91,530,000 Gallons
• Sewer Billed**	79,553,000 Gallons	81,210,000 Gallons
Utility Locate Requests	290	392
Solid Waste Collection & Disposal		
• Volume		
○ MSW	846 Tons	837 Tons
○ Yard Waste	286 Tons	244 Tons
○ Recycled (Includes E-Waste)	170 Tons	111 Tons
○ C & D	98 Tons	123 Tons
○ Total Pick-up/Disposal	1,400 Tons	1,315 Tons
• Recycling %	20%	13%
• Landfill Disposal Cost	\$40,336	\$40,258

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	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 2021	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 Spring 2021	Construction Start September 2021
		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 and H/C Parking	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	Closeout & Final SCDOT Reimbursement
		RH Moore	\$3,950,000		
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	Re-bid	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	Esmt. Acquisition	Revise Plans & Bid Fall 2021
		TBD	TBD		
LRN Road Path	LRN Road	HRT	GSATS/Horry/NMB	LPA Agmt. Submitted	Revise Plans for SCDOT Comments
		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 98%	Continue
		Baldwin Construction	\$2,200,000		
Transfer Station Improvements	2 nd Avenue South	HRT	Sanitation	Design 80%	Complete 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	Under Construction	Continue
		Greenwall Construction	\$344,203		



**North Myrtle Beach - Ocean Monitoring
Official Results for December 2020**

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
E20-2118	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	12/7/2020	10:16	High	12:51	33.5		<10	Grab
E20-2119	WAC-09		WAC-09	47th Ave. South	Street end	12/7/2020	10:27	High	12:51	33.6		<10	Grab
E20-2119	WAC-09		WAC-09	47th Ave. South	Street end	12/7/2020	10:27	High	12:51	33.5		<10	LD
E20-2120	WAC-09		WAC-09	47th Ave. South	Street end	12/7/2020	10:27	High	12:51	33.4		<10	FD
E20-2121	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	12/7/2020	10:33	High	12:51	33.3		<10	Grab
E20-2122	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	12/7/2020	10:41	High	12:51	33.0		20	Grab
E20-2123	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	12/7/2020	10:47	High	12:51	33.2		10	Grab
E20-2124	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	12/7/2020	10:51	High	12:51	33.2		<10	Grab
E20-2125	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	12/7/2020	10:57	High	12:51	33.2		<10	Grab
E20-2126	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	12/7/2020	11:04	High	12:51	33.2		<10	Grab
E20-2127	WAC-03		WAC-03	30th Ave. North	Street end	12/7/2020	11:10	High	12:51	33.3		31	Grab
E20-2128	WAC-02		WAC-02	45th Ave. North	Street end	12/7/2020	11:16	High	12:51	33.2		<10	Grab
E20-2129	WAC-01		WAC-01	59th Ave. North	Street end	12/7/2020	11:24	High	12:51	33.1		<10	Grab
E20-2154	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	12/14/2020	9:38	High	7:31	33.3		158	Grab
E20-2155	WAC-09		WAC-09	47th Ave. South	Street end	12/14/2020	9:51	High	7:31	33.5		41	Grab
E20-2156	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	12/14/2020	9:57	High	7:31	33.4		318	Grab
E20-2157	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	12/14/2020	10:06	High	7:31	33.6		30	Grab
E20-2158	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	12/14/2020	10:12	High	7:31	33.5		75	Grab
E20-2159	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	12/14/2020	10:16	High	7:31	33.5		20	Grab
E20-2160	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	12/14/2020	10:22	High	7:31	33.4		41	Grab
E20-2161	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	12/14/2020	10:30	High	7:31	33.3		41	Grab
E20-2162	WAC-03		WAC-03	30th Ave. North	Street end	12/14/2020	10:37	High	7:31	33.4		52	Grab
E20-2163	WAC-02		WAC-02	45th Ave. North	Street end	12/14/2020	10:43	Low	13:51	33.4		20	Grab
E20-2163	WAC-02		WAC-02	45th Ave. North	Street end	12/14/2020	10:43	Low	13:51	33.4		20	LD
E20-2164	WAC-02		WAC-02	45th Ave. North	Street end	12/14/2020	10:43	Low	13:51	33.3		<10	FD
E20-2165	WAC-01		WAC-01	59th Ave. North	Street end	12/14/2020	10:49	Low	13:51	33.1		20	Grab
E20-2196	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	12/21/2020	9:52	Low	7:05	32.8		20	Grab

Amanda Sursum



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Official Results for December 2020**

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
E20-2197	WAC-09		WAC-09	47th Ave. South	Street end	12/21/2020	10:04	Low	7:05	32.7		20	Grab
E20-2198	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	12/21/2020	10:10	Low	7:05	32.8		<10	Grab
E20-2199	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	12/21/2020	10:18	High	13:26	32.8		10	Grab
E20-2199	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	12/21/2020	10:18	High	13:26	32.8		<10	LD
E20-2200	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	12/21/2020	10:18	High	13:26	32.7		52	FD
E20-2201	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	12/21/2020	10:24	High	13:26	32.9		<10	Grab
E20-2202	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	12/21/2020	10:29	High	13:26	32.9		<10	Grab
E20-2203	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	12/21/2020	10:35	High	13:26	32.9		<10	Grab
E20-2204	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	12/21/2020	10:43	High	13:26	32.9		10	Grab
E20-2205	WAC-03		WAC-03	30th Ave. North	Street end	12/21/2020	10:49	High	13:26	33.2		<10	Grab
E20-2206	WAC-02		WAC-02	45th Ave. North	Street end	12/21/2020	10:54	High	13:26	33.3		10	Grab
E20-2207	WAC-01		WAC-01	59th Ave. North	Street end	12/21/2020	11:00	High	13:26	33.4		<10	Grab

Amanda Sursum



**North Myrtle Beach - Ocean Monitoring
Official Results for January 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
E21-0021	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	1/4/2021	9:52	High	11:32	32.3		31	Grab
E21-0022	WAC-09		WAC-09	47th Ave. South	Street end	1/4/2021	10:07	High	11:32	32.2		31	Grab
E21-0023	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	1/4/2021	10:13	High	11:32	32.2		20	Grab
E21-0024	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	1/4/2021	10:21	High	11:32	32.0		20	Grab
E21-0025	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	1/4/2021	10:27	High	11:32	32.0		73	Grab
E21-0026	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	1/4/2021	10:32	High	11:32	32.0		10	Grab
E21-0027	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	1/4/2021	10:39	High	11:32	31.9		10	Grab
E21-0027	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	1/4/2021	10:39	High	11:32	32.0		41	LD
E21-0028	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	1/4/2021	10:39	High	11:32	31.9		10	FD
E21-0029	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	1/4/2021	10:46	High	11:32	31.9		20	Grab
E21-0030	WAC-03		WAC-03	30th Ave. North	Street end	1/4/2021	10:53	High	11:32	31.9		10	Grab
E21-0031	WAC-02		WAC-02	45th Ave. North	Street end	1/4/2021	10:58	High	11:32	32.0		226	Grab
E21-0032	WAC-01		WAC-01	59th Ave. North	Street end	1/4/2021	11:04	High	11:32	32.2		10	Grab
E21-0069	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	1/11/2021	9:55	Low	12:44	30.9		161	Grab
E21-0070	WAC-09		WAC-09	47th Ave. South	Street end	1/11/2021	10:07	Low	12:44	32.1		<10	Grab
E21-0071	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	1/11/2021	10:13	Low	12:44	32.0		41	Grab
E21-0071	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	1/11/2021	10:13	Low	12:44	32.0		<10	LD
E21-0072	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	1/11/2021	10:13	Low	12:44	32.0		10	FD
E21-0073	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	1/11/2021	10:23	Low	12:44	31.9		10	Grab
E21-0074	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	1/11/2021	10:30	Low	12:44	32.1		31	Grab
E21-0075	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	1/11/2021	10:36	Low	12:44	32.1		20	Grab
E21-0076	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	1/11/2021	10:42	Low	12:44	31.8		10	Grab
E21-0077	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	1/11/2021	10:51	Low	12:44	32.0		<10	Grab
E21-0078	WAC-03		WAC-03	30th Ave. North	Street end	1/11/2021	10:57	Low	12:44	31.4		10	Grab
E21-0079	WAC-02		WAC-02	45th Ave. North	Street end	1/11/2021	11:04	Low	12:44	30.8		20	Grab
E21-0080	WAC-01		WAC-01	59th Ave. North	Street end	1/11/2021	11:10	Low	12:44	31.1		<10	Grab
E21-0111	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	1/19/2021	10:07	High	12:38	33.8		<10	Grab

Amanda Swanson



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Official Results for January 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
E21-0112	WAC-09		WAC-09	47th Ave. South	Street end	1/19/2021	10:21	High	12:38	33.9		10	Grab
E21-0113	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	1/19/2021	10:27	High	12:38	34.1		20	Grab
E21-0114	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	1/19/2021	10:36	High	12:38	34.1		52	Grab
E21-0115	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	1/19/2021	10:42	High	12:38	34.2		<10	Grab
E21-0116	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	1/19/2021	10:47	High	12:38	34.4		<10	Grab
E21-0117	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	1/19/2021	10:53	High	12:38	34.4		<10	Grab
E21-0118	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	1/19/2021	11:01	High	12:38	33.9		<10	Grab
E21-0118	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	1/19/2021	11:01	High	12:38	33.9		10	LD
E21-0119	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	1/19/2021	11:01	High	12:38	33.9		<10	FD
E21-0120	WAC-03		WAC-03	30th Ave. North	Street end	1/19/2021	11:08	High	12:38	34.4		<10	Grab
E21-0121	WAC-02		WAC-02	45th Ave. North	Street end	1/19/2021	11:13	High	12:38	34.4		<10	Grab
E21-0122	WAC-01		WAC-01	59th Ave. North	Street end	1/19/2021	11:19	High	12:38	34.3		10	Grab
E21-0155	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	1/25/2021	10:03	Low	11:53	33.4		10	Grab
E21-0156	WAC-09		WAC-09	47th Ave. South	Street end	1/25/2021	10:17	Low	11:53	33.3		<10	Grab
E21-0157	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	1/25/2021	10:24	Low	11:53	33.2		<10	Grab
E21-0158	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	1/25/2021	10:34	Low	11:53	33.1		20	Grab
E21-0159	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	1/25/2021	10:43	Low	11:53	32.8		<10	Grab
E21-0159	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	1/25/2021	10:43	Low	11:53	32.8		<10	LD
E21-0160	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	1/25/2021	10:43	Low	11:53	32.8		<10	FD
E21-0161	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	1/25/2021	10:48	Low	11:53	32.8		<10	Grab
E21-0162	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	1/25/2021	10:55	Low	11:53	32.2		<10	Grab
E21-0163	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	1/25/2021	11:03	Low	11:53	32.5		<10	Grab
E21-0164	WAC-03		WAC-03	30th Ave. North	Street end	1/25/2021	11:11	Low	11:53	32.6		<10	Grab
E21-0165	WAC-02		WAC-02	45th Ave. North	Street end	1/25/2021	11:17	Low	11:53	32.6		<10	Grab
E21-0166	WAC-01		WAC-01	59th Ave. North	Street end	1/25/2021	11:24	Low	11:53	32.4		<10	Grab

Amanda Sursum