

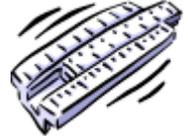
PUBLIC WORKS DEPARTMENT

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
David Snider, Superintendent***



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



December 2021

Public Works Department

Monthly Statistics for December

	2021	2020
Water Supply & Use		
• Average Daily Water Use	2.9 MGD	3.3 MGD
• Water Pumped	89,343,700 Gallons	103,390,250 Gallons
• Water Billed**	149,835,000 Gallons	130,971,000 Gallons
Wastewater Treatment		
• Average Daily Sewer Treated	3.0 MGD	3.0 MGD
• Peak Daily Sewer Treated	7.9 MGD	4.4 MGD
• Sewer Pumped	93,948,000 Gallons	92,800,000 Gallons
• Sewer Billed**	108,268,000 Gallons	98,095,000 Gallons
Utility Locate Requests	137	261
Solid Waste Collection & Disposal		
• Volume		
○ MSW	878 Tons	917 Tons
○ Yard Waste	417 Tons	346 Tons
○ Recycled (Includes E-Waste)	243 Tons	197 Tons
○ C & D	97 Tons	117 Tons
○ Total Pick-up/Disposal	1,635 Tons	1,577 Tons
• Recycling %	28%	21%
• Landfill Disposal Cost	\$44,118	\$43,381

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 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	Under Construction	Continue
		RH Moore	\$3,000,000		
Myrtle Beach Water Transmission Main	Myrtle Beach	MB	Impact	Preliminary Design & Route	Continue
		DDC	TBD		
LRN Elevated Tank	Little River Neck	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%	Hold for Grant
		TBD	TBD		
NMB Water Transmission Line	Windy Hill	TBD	Impact	Preliminary Design	Prepare RFQ
		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	Prequalify Bidders	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	Easement Acquisition	Prepare Unit Price Contract
		TBD	TBD		
Beach Parking Street End Imp.	Ocean Drive	HRT	Capital	Under Construction	Continue
		Waccamaw Landscaping	TBD		
1 st Ave South Parking Lot	Ocean Drive	HRT	Capital	Demolition	Bid Demo Contract
		TBD	TBD		
Cherry Grove Parking Lots	Near 62 nd Ave N. Cherry Grove	HRT	Capital	Survey/Design	Continue
		TBD	TBD		
Tricia Lynn	Windy Hill	HRT	Capital	Demolition	Bid Demo Contract
		TBD	TBD		
28 th Avenue South	Crescent Beach	HRT	Capital	Survey	Complete Boundary Survey
		TBD	TBD		
Parking Lot at Heritage Dr. North 53 rd Ave. North	Heritage Dr. & 53 rd Avenue North	HRT		Preliminary Design	
		TBD			

Street Improvements

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
2 nd Avenue North Widening & Paving	Highway 17 at 2 nd Avenue North	City	St. Imp./CTC	Design	Permits February 2022
		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 Summer 2022
		TBD	TBD		
LRN Road Path	LRN Road	HRT	GSATS/Horry/NMB	Contract Award	Begin Construction
		Coastal Asphalt	\$1,000,000		
Edge Parkway Path Phase I	Edge Pkwy.	HRT	TBD	Design 50%	Hold
		TBD	TBD		
Sidewalk	Commons Blvd; Hwy 17N 8 th - 11 th	HRT	St. Imp.	Design 50%	Hold
		TBD	TBD		
Resurfacing 2022	Various	City	Street Imp./CTC	Contract Award	Begin Construction March
		Southern Asph.	\$1,500,000		
Champions Blvd. Extension	Sports Park	Design/Build	Street Imp.	Prepare RFP	Issue RFP January 2022
		TBD	TBD		

Building/Park Improvements

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
Heritage Park Seawall	Cherry Grove	HRT	Park	Design 75% Complete	Permit
		TBD	TBD		
CG Barge Ramp & Seawall	Cherry Grove	Beam Assoc.	CG Dredge	Bid February	Construction March
		TBD	TBD		
Cherry Grove Mechanical Dredge	Cherry Grove	Beam Assoc.	CG Dredge	Under Construction	Complete Construction January
		Coastal Dredging	TBD		
Cherry Grove Maintenance Dredge	Cherry Grove	Beam & Assoc.	CG Dredge	Permitting	
		TMD	TBD		
Sanitation Facility Improvements	2 nd Avenue South	HRT	Sanitation	Design 90%	Continue Design
		TBD	TBD		
		TBD	TBD		
45 th , 48 th , 49 th Ave N. Seawalls	Cherry Grove	HRT	CG Dredge	Under Construction	Begin
		Seven Seas Const.	\$120,000		



**North Myrtle Beach - Ocean Monitoring
Official Results for December 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
E21-2033	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	12/1/2021	8:20	Low	11:22	35.0		20	Grab
E21-2034	WAC-09		WAC-09	47th Ave. South	Street end	12/1/2021	8:35	Low	11:22	35.4		20	Grab
E21-2035	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	12/1/2021	8:44	Low	11:22	35.7		10	Grab
E21-2036	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	12/1/2021	8:55	Low	11:22	35.6		10	Grab
E21-2037	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	12/1/2021	9:08	Low	11:22	35.6		<10	Grab
E21-2038	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	12/1/2021	9:18	Low	11:22	35.6		20	Grab
E21-2039	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	12/1/2021	9:25	Low	11:22	35.6		<10	Grab
E21-2040	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	12/1/2021	9:36	Low	11:22	35.6		<10	Grab
E21-2040	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	12/1/2021	9:36	Low	11:22	35.6		<10	LD
E21-2041	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	12/1/2021	9:36	Low	11:22	35.6		<10	FD
E21-2042	WAC-03		WAC-03	30th Ave. North	Street end	12/1/2021	9:44	Low	11:22	35.5		<10	Grab
E21-2043	WAC-02		WAC-02	45th Ave. North	Street end	12/1/2021	9:52	Low	11:22	35.6		<10	Grab
E21-2044	WAC-01		WAC-01	59th Ave. North	Street end	12/1/2021	10:02	Low	11:22	35.6		<10	Grab
E21-2089	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	12/9/2021	8:10	Low	5:49	35.4		31	Grab
E21-2090	WAC-09		WAC-09	47th Ave. South	Street end	12/9/2021	8:27	Low	5:49	35.4		<10	Grab
E21-2091	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	12/9/2021	8:36	Low	5:49	35.3		20	Grab
E21-2092	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	12/9/2021	8:48	Low	5:49	35.2		10	Grab
E21-2093	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	12/9/2021	9:00	Low	5:49	35.2		20	Grab
E21-2094	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	12/9/2021	9:08	High	12:23	35.3		10	Grab
E21-2095	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	12/9/2021	9:15	High	12:23	35.2		<10	Grab
E21-2096	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	12/9/2021	9:26	High	12:23	35.3		<10	Grab
E21-2097	WAC-03		WAC-03	30th Ave. North	Street end	12/9/2021	9:35	High	12:23	35.2		10	Grab
E21-2098	WAC-02		WAC-02	45th Ave. North	Street end	12/9/2021	9:44	High	12:23	35.2		<10	Grab
E21-2098	WAC-02		WAC-02	45th Ave. North	Street end	12/9/2021	9:44	High	12:23	35.2		10	LD
E21-2099	WAC-02		WAC-02	45th Ave. North	Street end	12/9/2021	9:44	High	12:23	35.2		<10	FD
E21-2100	WAC-01		WAC-01	59th Ave. North	Street end	12/9/2021	9:54	High	12:23	35.0		10	Grab
E21-2125	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	12/15/2021	7:47	High	5:18	33.1		408	Grab



**North Myrtle Beach - Ocean Monitoring
Official Results for December 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
E21-2125	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	12/15/2021	7:47	High	5:18	33.1		379	LD
E21-2126	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	12/15/2021	7:47	High	5:18	33.1		521	FD
E21-2127	WAC-09		WAC-09	47th Ave. South	Street end	12/15/2021	8:04	High	5:18	35.1		<10	Grab
E21-2128	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	12/15/2021	8:14	High	5:18	35.1		20	Grab
E21-2129	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	12/15/2021	8:27	High	5:18	35.0		31	Grab
E21-2130	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	12/15/2021	8:39	Low	11:43	35.0		20	Grab
E21-2131	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	12/15/2021	8:48	Low	11:43	35.0		<10	Grab
E21-2132	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	12/15/2021	8:56	Low	11:43	35.1		<10	Grab
E21-2133	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	12/15/2021	9:06	Low	11:43	35.0		<10	Grab
E21-2134	WAC-03		WAC-03	30th Ave. North	Street end	12/15/2021	9:16	Low	11:43	34.9		30	Grab
E21-2135	WAC-02		WAC-02	45th Ave. North	Street end	12/15/2021	9:26	Low	11:43	34.8		10	Grab
E21-2136	WAC-01		WAC-01	59th Ave. North	Street end	12/15/2021	9:35	Low	11:43	34.8		20	Grab
E21-2166	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	12/20/2021	10:06	High	8:58	35.2		74	Grab
E21-2167	WAC-09		WAC-09	47th Ave. South	Street end	12/20/2021	10:20	High	8:58	35.3		86	Grab
E21-2168	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	12/20/2021	10:27	High	8:58	35.3		52	Grab
E21-2169	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	12/20/2021	10:38	High	8:58	35.1		121	Grab
E21-2170	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	12/20/2021	10:58	High	8:58	35.1		121	Grab
E21-2171	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	12/20/2021	11:02	High	8:58	35.1		97	Grab
E21-2172	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	12/20/2021	12:29	Low	15:03	35.1		86	Grab
E21-2173	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	12/20/2021	12:38	Low	15:03	35.1		96	Grab
E21-2174	WAC-03		WAC-03	30th Ave. North	Street end	12/20/2021	12:46	Low	15:03	35.0		52	Grab
E21-2174	WAC-03		WAC-03	30th Ave. North	Street end	12/20/2021	12:46	Low	15:03	35		41	LD
E21-2175	WAC-03		WAC-03	30th Ave. North	Street end	12/20/2021	12:46	Low	15:03	35.1		52	FD
E21-2176	WAC-02		WAC-02	45th Ave. North	Street end	12/20/2021	12:54	Low	15:03	35.1		10	Grab
E21-2177	WAC-01		WAC-01	59th Ave. North	Street end	12/20/2021	13:01	Low	15:03	35.1		<10	Grab