

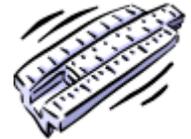
PUBLIC WORKS DEPARTMENT

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***



November 2021

Public Works Department

Monthly Statistics for November

	2021	2020
Water Supply & Use		
• Average Daily Water Use	7.9 MGD	6.9 MGD
• Water Pumped	245,313,950 Gallons	212,661,900 Gallons
• Water Billed**	228,508,000 Gallons	198,511,000 Gallons
Wastewater Treatment		
• Average Daily Sewer Treated	5.2 MGD	3.9 MGD
• Peak Daily Sewer Treated	7.9 MGD	7.3 MGD
• Sewer Pumped	185,540,000 Gallons	160,910,000 Gallons
• Sewer Billed**	170,390,000 Gallons	146,670,000 Gallons
Utility Locate Requests	322	264
Solid Waste Collection & Disposal		
• Volume		
○ MSW	1,586 Tons	1,505 Tons
○ Yard Waste	326 Tons	575 Tons
○ Recycled (Includes E-Waste)	248 Tons	213 Tons
○ C & D	118 Tons	325 Tons
○ Total Pick-up/Disposal	2,278 Tons	2,618 Tons
• Recycling %	16%	14%
• Landfill Disposal Cost	\$71,099	\$76,637

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 Complete	Complete Punch List
		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	Award Contract	Begin Construction
		RH Moore	\$3,000,000		
Myrtle Beach Water Transmission Main	Myrtle Beach	MB	Impact	Preliminary Design & Route	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%	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	Start Construction January 2022	Begin Construction
		Waccamaw Landscaping	TBD		
1 st Ave South Parking Lot	Ocean Drive	HRT	Capital	Survey/Design	Prepare Contract for Bid
		TBD	TBD		
Cherry Grove Parking Lots	Near 62 nd Ave N. Cherry Grove	HRT	Capital	Survey/Design	Continue
		TBD	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 - 29 th N to 35 th N	Mead & Hunt	Franchise Fund	Easement Acquisition	Revise Plans & Bid Fall 2021
		TBD	TBD		
LRN Road Path	LRN Road	HRT	GSATS/Horry/NMB	SCDOT Construction Concurrence	Contract Award
		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	Bid January 6	Begin Construction March
		TBD	\$1,750,000		
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 January	Construction February 2022
		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 November 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
E21-1864	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	11/3/2021	8:14	High	7:18	34.6		41	Grab
E21-1865	WAC-09		WAC-09	47th Ave. South	Street end	11/3/2021	8:34	High	7:18	34.8		<10	Grab
E21-1866	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	11/3/2021	8:43	High	7:18	34.9		41	Grab
E21-1866	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	11/3/2021	8:43	High	7:18	35.0		<10	LD
E21-1867	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	11/3/2021	8:43	High	7:18	35.0		20	FD
E21-1868	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	11/3/2021	9:05	High	7:18	35.1		<10	Grab
E21-1869	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	11/3/2021	9:16	High	7:18	35.2		<10	Grab
E21-1870	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	11/3/2021	9:24	High	7:18	35.2		<10	Grab
E21-1871	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	11/3/2021	9:32	High	7:18	35.1		<10	Grab
E21-1872	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	11/3/2021	9:42	High	7:18	35.2		10	Grab
E21-1873	WAC-03		WAC-03	30th Ave. North	Street end	11/3/2021	9:52	High	7:18	34.8		<10	Grab
E21-1874	WAC-02		WAC-02	45th Ave. North	Street end	11/3/2021	10:01	High	7:18	34.9		<10	Grab
E21-1875	WAC-01		WAC-01	59th Ave. North	Street end	11/3/2021	10:11	High	7:18	35.0		<10	Grab
E21-1909	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	11/10/2021	7:58	Low	6:06	32.4		332	Grab
E21-1910	WAC-09		WAC-09	47th Ave. South	Street end	11/10/2021	8:13	Low	6:06	35.0		<10	Grab
E21-1911	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	11/10/2021	8:22	Low	6:06	35.0		<10	Grab
E21-1912	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	11/10/2021	8:35	Low	6:06	35.0		10	Grab
E21-1913	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	11/10/2021	8:45	Low	6:06	35.1		<10	Grab
E21-1913	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	11/10/2021	8:45	Low	6:06	35.1		<10	LD
E21-1914	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	11/10/2021	8:45	Low	6:06	35.1		10	FD
E21-1915	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	11/10/2021	8:51	Low	6:06	35.1		10	Grab
E21-1916	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	11/10/2021	8:58	Low	6:06	35.0		<10	Grab
E21-1917	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	11/10/2021	9:08	Low	6:06	34.8		10	Grab
E21-1918	WAC-03		WAC-03	30th Ave. North	Street end	11/10/2021	9:17	Low	6:06	34.6		<10	Grab
E21-1919	WAC-02		WAC-02	45th Ave. North	Street end	11/10/2021	9:25	Low	6:06	34.7		10	Grab
E21-1920	WAC-01		WAC-01	59th Ave. North	Street end	11/10/2021	9:33	High	12:47	34.7		10	Grab
E21-1946	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	11/17/2021	7:55	High	6:29	35.0		20	Grab



**North Myrtle Beach - Ocean Monitoring
Official Results for November 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
E21-1947	WAC-09		WAC-09	47th Ave. South	Street end	11/17/2021	8:10	High	6:29	35.1		20	Grab
E21-1948	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	11/17/2021	8:19	High	6:29	34.8		<10	Grab
E21-1949	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	11/17/2021	8:33	High	6:29	34.6		10	Grab
E21-1950	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	11/17/2021	8:42	High	6:29	35.2		<10	Grab
E21-1951	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	11/17/2021	8:50	High	6:29	35.1		10	Grab
E21-1952	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	11/17/2021	8:58	High	6:29	35.2		<10	Grab
E21-1953	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	11/17/2021	9:07	High	6:29	35.1		<10	Grab
E21-1954	WAC-03		WAC-03	30th Ave. North	Street end	11/17/2021	9:16	High	6:29	35.2		20	Grab
E21-1955	WAC-02		WAC-02	45th Ave. North	Street end	11/17/2021	9:24	High	6:29	35.2		40	Grab
E21-1956	WAC-01		WAC-01	59th Ave. North	Street end	11/17/2021	9:34	High	6:29	35.0		10	Grab
E21-1956	WAC-01		WAC-01	59th Ave. North	Street end	11/17/2021	9:34	High	6:29	35.2		<10	LD
E21-1957	WAC-01		WAC-01	59th Ave. North	Street end	11/17/2021	9:34	High	6:29	35.2		<10	FD
E21-1990	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	11/22/2021	9:55	High	9:33	35.4		<10	Grab
E21-1991	WAC-09		WAC-09	47th Ave. South	Street end	11/22/2021	10:06	High	9:33	35.3		<10	Grab
E21-1992	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	11/22/2021	10:13	High	9:33	35.1		20	Grab
E21-1993	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	11/22/2021	10:25	High	9:33	35.0		10	Grab
E21-1994	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	11/22/2021	10:36	High	9:33	35.1		<10	Grab
E21-1995	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	11/22/2021	10:42	High	9:33	35.2		<10	Grab
E21-1996	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	11/22/2021	10:48	High	9:33	35.2		<10	Grab
E21-1996	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	11/22/2021	10:48	High	9:33	35.2		10	LD
E21-1997	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	11/22/2021	10:48	High	9:33	35.2		<10	FD
E21-1998	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	11/22/2021	10:59	High	9:33	35		10	Grab
E21-1999	WAC-03		WAC-03	30th Ave. North	Street end	11/22/2021	11:06	High	9:33	35.0		10	Grab
E21-2000	WAC-02		WAC-02	45th Ave. North	Street end	11/22/2021	11:14	High	9:33	35.0		<10	Grab
E21-2001	WAC-01		WAC-01	59th Ave. North	Street end	11/22/2021	11:22	High	9:33	35		<10	Grab