

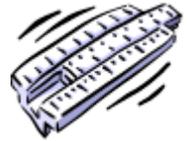
PUBLIC WORKS DEPARTMENT

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



May 2021

Public Works Department

Monthly Statistics for May

	2021	2020
Water Supply & Use		
• Average Daily Water Use	5.7 MGD	3.5 MGD
• Water Pumped	176,252,850 Gallons	108,617,150 Gallons
• Water Billed**	97,103,000 Gallons	91,981,000 Gallons
Wastewater Treatment		
• Average Daily Sewer Treated	4.6 MGD	2.4 MGD
• Peak Daily Sewer Treated	6.8 MGD	3.2 MGD
• Sewer Pumped	136,130,000 Gallons	80,240,000 Gallons
• Sewer Billed**	97,103,000 Gallons	79,550,000 Gallons
Utility Locate Requests	327	387
Solid Waste Collection & Disposal		
• Volume		
○ MSW	1254 Tons	922 Tons
○ Yard Waste	503 Tons	673 Tons
○ Recycled (Includes E-Waste)	190 Tons	170 Tons
○ C & D	118 Tons	123 Tons
○ Total Pick-up/Disposal	2,065 Tons	1,888 Tons
• Recycling %	15%	18%
• Landfill Disposal Cost	\$61,810	\$50,273

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 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 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	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	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 April 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
E21-0554	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	4/5/2021	10:15	Low	9:56	32.7		52	Grab
E21-0555	WAC-09		WAC-09	47th Ave. South	Street end	4/5/2021	10:29	Low	9:56	32.5		<10	Grab
E21-0556	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	4/5/2021	10:37	Low	9:56	32.6		<10	Grab
E21-0556	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	4/5/2021	10:37	Low	9:56	32.6		20	LD
E21-0557	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	4/5/2021	10:37	Low	9:56	32.6		10	FD
E21-0558	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	4/5/2021	10:49	Low	9:56	32.7		31	Grab
E21-0559	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	4/5/2021	10:57	Low	9:56	32.7		20	Grab
E21-0560	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	4/5/2021	11:03	Low	9:56	32.7		10	Grab
E21-0561	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	4/5/2021	11:12	Low	9:56	32.7		<10	Grab
E21-0562	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	4/5/2021	11:21	Low	9:56	32.6		<10	Grab
E21-0563	WAC-03		WAC-03	30th Ave. North	Street end	4/5/2021	11:30	Low	9:56	32.7		<10	Grab
E21-0564	WAC-02		WAC-02	45th Ave. North	Street end	4/5/2021	11:38	Low	9:56	32.7		20	Grab
E21-0565	WAC-01		WAC-01	59th Ave. North	Street end	4/5/2021	11:45	Low	9:56	32.7		10	Grab
E21-0598	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	4/12/2021	10:04	High	9:18	33.4		20	Grab
E21-0599	WAC-09		WAC-09	47th Ave. South	Street end	4/12/2021	10:19	High	9:18	33.3		10	Grab
E21-0600	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	4/12/2021	10:26	High	9:18	33.2		94	Grab
E21-0601	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	4/12/2021	10:35	High	9:18	32.8		41	Grab
E21-0602	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	4/12/2021	10:42	High	9:18	33.0		30	Grab
E21-0603	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	4/12/2021	10:47	High	9:18	33.0		52	Grab
E21-0604	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	4/12/2021	10:55	High	9:18	31.3		199	Grab
E21-0605	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	4/12/2021	11:03	High	9:18	31.9		323	Grab
E21-0606	WAC-03		WAC-03	30th Ave. North	Street end	4/12/2021	11:12	High	9:18	32.9		10	Grab
E21-0607	WAC-02		WAC-02	45th Ave. North	Street end	4/12/2021	11:18	High	9:18	32.9		10	Grab
E21-0607	WAC-02		WAC-02	45th Ave. North	Street end	4/12/2021	11:18	High	9:18	32.9		20	LD
E21-0608	WAC-02		WAC-02	45th Ave. North	Street end	4/12/2021	11:18	High	9:18	32.9		<10	FD
E21-0609	WAC-01		WAC-01	59th Ave. North	Street end	4/12/2021	11:27	High	9:18	32.9		10	Grab
E21-0650	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	4/19/2021	10:00	Low	7:57	33.6		20	Grab

Amanda Sursum



**North Myrtle Beach - Ocean Monitoring
Official Results for April 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
E21-0651	WAC-09		WAC-09	47th Ave. South	Street end	4/19/2021	10:15	Low	7:57	33.6		10	Grab
E21-0652	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	4/19/2021	10:21	Low	7:57	33.4		20	Grab
E21-0653	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	4/19/2021	10:30	Low	7:57	33.3		<10	Grab
E21-0654	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	4/19/2021	10:37	Low	7:57	33.1		10	Grab
E21-0654	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	4/19/2021	10:37	Low	7:57	33.1		<10	LD
E21-0655	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	4/19/2021	10:37	Low	7:57	33.1		10	FD
E21-0656	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	4/19/2021	10:43	Low	7:57	33.2		<10	Grab
E21-0657	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	4/19/2021	10:50	Low	7:57	33.1		<10	Grab
E21-0658	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	4/19/2021	10:59	High	13:57	32.9		<10	Grab
E21-0659	WAC-03		WAC-03	30th Ave. North	Street end	4/19/2021	11:06	High	13:57	32.8		<10	Grab
E21-0660	WAC-02		WAC-02	45th Ave. North	Street end	4/19/2021	11:13	High	13:57	32.7		10	Grab
E21-0661	WAC-01		WAC-01	59th Ave. North	Street end	4/19/2021	11:20	High	13:57	32.7		10	Grab
E21-0698	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	4/26/2021	9:58	High	8:02	33.9		74	Grab
E21-0699	WAC-09		WAC-09	47th Ave. South	Street end	4/26/2021	10:12	High	8:02	34.2		31	Grab
E21-0700	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	4/26/2021	10:18	High	8:02	34.2		10	Grab
E21-0701	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	4/26/2021	10:28	High	8:02	34.2		10	Grab
E21-0701	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	4/26/2021	10:28	High	8:02	34.2		<10	LD
E21-0702	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	4/26/2021	10:28	High	8:02	34.2		31	FD
E21-0703	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	4/26/2021	10:35	High	8:02	34.2		20	Grab
E21-0704	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	4/26/2021	10:41	High	8:02	34.2		10	Grab
E21-0705	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	4/26/2021	10:48	High	8:02	34.2		10	Grab
E21-0706	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	4/26/2021	10:58	High	8:02	34.2		10	Grab
E21-0707	WAC-03		WAC-03	30th Ave. North	Street end	4/26/2021	11:05	High	8:02	34.2		<10	Grab
E21-0708	WAC-02		WAC-02	45th Ave. North	Street end	4/26/2021	11:13	Low	14:17	34.1		31	Grab
E21-0709	WAC-01		WAC-01	59th Ave. North	Street end	4/26/2021	11:21	Low	14:17	34.1		<10	Grab

Amanda Sursum



**North Myrtle Beach - Ocean Monitoring
Official Results for May 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
E21-0734	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	5/5/2021	7:54	Low	10:28	30.3		435	Grab
E21-0734	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	5/5/2021	7:54	Low	10:28	30.5		504	LD
E21-0735	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	5/5/2021	7:54	Low	10:28	30.5		373	FD
E21-0736	WAC-09		WAC-09	47th Ave. South	Street end	5/5/2021	8:09	Low	10:28	33.4		41	Grab
E21-0737	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	5/5/2021	8:16	Low	10:28	33.3		41	Grab
E21-0738	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	5/5/2021	8:27	Low	10:28	33.5		10	Grab
E21-0739	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	5/5/2021	8:34	Low	10:28	33.6		20	Grab
E21-0740	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	5/5/2021	8:41	Low	10:28	33.7		41	Grab
E21-0741	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	5/5/2021	8:49	Low	10:28	33.8		31	Grab
E21-0742	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	5/5/2021	8:57	Low	10:28	33.7		30	Grab
E21-0743	WAC-03		WAC-03	30th Ave. North	Street end	5/5/2021	9:04	Low	10:28	33.6		10	Grab
E21-0744	WAC-02		WAC-02	45th Ave. North	Street end	5/5/2021	9:12	Low	10:28	33.6		10	Grab
E21-0745	WAC-01		WAC-01	59th Ave. North	Street end	5/5/2021	9:20	Low	10:28	33.8		<10	Grab
E21-0790	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	5/12/2021	7:31	High	9:25	33.3		10	Grab
E21-0791	WAC-09		WAC-09	47th Ave. South	Street end	5/12/2021	7:45	High	9:25	33.4		10	Grab
E21-0792	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	5/12/2021	7:51	High	9:25	33.4		<10	Grab
E21-0793	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	5/12/2021	7:58	High	9:25	33.5		<10	Grab
E21-0794	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	5/12/2021	8:05	High	9:25	33.5		<10	Grab
E21-0795	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	5/12/2021	8:09	High	9:25	33.5		20	Grab
E21-0796	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	5/12/2021	8:16	High	9:25	33.4		<10	Grab
E21-0797	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	5/12/2021	8:24	High	9:25	33.5		<10	Grab
E21-0798	WAC-03		WAC-03	30th Ave. North	Street end	5/12/2021	8:31	High	9:25	33.6		<10	Grab
E21-0798	WAC-03		WAC-03	30th Ave. North	Street end	5/12/2021	8:31	High	9:25	33.6		<10	LD
E21-0799	WAC-03		WAC-03	30th Ave. North	Street end	5/12/2021	8:31	High	9:25	33.5		<10	FD
E21-0800	WAC-02		WAC-02	45th Ave. North	Street end	5/12/2021	8:38	High	9:25	33.7		10	Grab
E21-0801	WAC-01		WAC-01	59th Ave. North	Street end	5/12/2021	8:45	High	9:25	33.7		10	Grab
E21-0826	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	5/19/2021	7:48	Low	8:22	29.6		313	Grab

Amanda Sursum



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Official Results for May 2021**

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E21-0827	WAC-09		WAC-09	47th Ave. South	Street end	5/19/2021	8:03	Low	8:22	33.2		<10	Grab
E21-0827	WAC-09		WAC-09	47th Ave. South	Street end	5/19/2021	8:03	Low	8:22	33.3		20	LD
E21-0828	WAC-09		WAC-09	47th Ave. South	Street end	5/19/2021	8:03	Low	8:22	33.4		<10	FD
E21-0829	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	5/19/2021	8:10	Low	8:22	33.2		<10	Grab
E21-0830	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	5/19/2021	8:20	Low	8:22	33.3		<10	Grab
E21-0831	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	5/19/2021	8:27	Low	8:22	33.1		<10	Grab
E21-0832	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	5/19/2021	8:32	Low	8:22	33.1		<10	Grab
E21-0833	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	5/19/2021	8:40	Low	8:22	33.2		<10	Grab
E21-0834	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	5/19/2021	8:50	Low	8:22	33.1		<10	Grab
E21-0835	WAC-03		WAC-03	30th Ave. North	Street end	5/19/2021	8:59	Low	8:22	32.6		<10	Grab
E21-0836	WAC-02		WAC-02	45th Ave. North	Street end	5/19/2021	9:06	Low	8:22	32.9		<10	Grab
E21-0837	WAC-01		WAC-01	59th Ave. North	Street end	5/19/2021	9:14	Low	8:22	33.0		<10	Grab
E21-0874	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	5/26/2021	7:31	High	8:30	33.7		31	Grab
E21-0875	WAC-09		WAC-09	47th Ave. South	Street end	5/26/2021	7:46	High	8:30	33.7		10	Grab
E21-0876	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	5/26/2021	7:52	High	8:30	33.6		10	Grab
E21-0877	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	5/26/2021	8:01	High	8:30	33.7		30	Grab
E21-0878	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	5/26/2021	8:08	High	8:30	33.7		10	Grab
E21-0879	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	5/26/2021	8:13	High	8:30	33.6		<10	Grab
E21-0879	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	5/26/2021	8:13	High	8:30	33.6		20	LD
E21-0880	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	5/26/2021	8:13	High	8:30	33.6		<10	FD
E21-0881	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	5/26/2021	8:20	High	8:30	33.6		10	Grab
E21-0882	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	5/26/2021	8:28	High	8:30	33.6		<10	Grab
E21-0883	WAC-03		WAC-03	30th Ave. North	Street end	5/26/2021	8:36	High	8:30	33.6		<10	Grab
E21-0884	WAC-02		WAC-02	45th Ave. North	Street end	5/26/2021	8:42	High	8:30	33.6		<10	Grab
E21-0885	WAC-01		WAC-01	59th Ave. North	Street end	5/26/2021	8:48	High	8:30	33.7		10	Grab

Amanda Sursum