

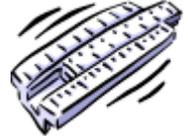
PUBLIC WORKS DEPARTMENT

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



October 2021

Public Works Department

Monthly Statistics for October

	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 98%	Complete Road Repairs
		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	Bids Received	Negotiate Award
		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	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	Easement Acquisition	Prepare Unit Price Contract
		TBD	TBD		
Beach Parking Street End Imp.	Ocean Drive	HRT	Capital	Bids Received	Award Contract
		City	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		
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 November
		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	SCDOT Approval for Construction	Bid November
		TBD	\$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 2021	Various	City	Street Imp./CTC	Bid	Award Contract November
		TBD	\$1,750,000		
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		
Heritage Park Seawall	Cherry Grove	HRT	Park	Design 75% Complete	Permit
		TBD	TBD		
CG Barge Ramp & Seawall	Cherry Grove	Beam Assoc.	CG Dredge	Permit Received	Prepare Construction Contract & Bid
		Coastal Dredging	TBD		
Cherry Grove Mechanical Dredge	Cherry Grove	Beam Assoc.	CG Dredge	Contract Awarded	Begin Construction
		TBD	TBD		
Cherry Grove Maintenance Dredge	Cherry Grove	Beam & Assoc.	CG Dredge	Design	Permit Application
		TMD	TBD		
Sanitation Facility Improvements	2 nd Avenue South	HRT	Sanitation	Design 85%	Continue Design
		TBD	TBD		
Street Dept. Warehouse	Barefoot Resort Bridge Road	HRT	Street Imp.	Partial Occupied	Continue Phased Construction
		TBD	TBD		
45 th , 48 th , 49 th Ave N. Seawalls	Cherry Grove	HRT	CG Dredge	Contract Awarded	Begin Construction
		Seven Seas Const.	\$120,000		



**North Myrtle Beach - Ocean Monitoring
Official Results for September 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
E21-1474	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	9/1/2021	7:30	Low	10:04	34.6		52	Grab
E21-1475	WAC-09		WAC-09	47th Ave. South	Street end	9/1/2021	7:44	Low	10:04	35.0		20	Grab
E21-1476	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	9/1/2021	7:51	Low	10:04	35.0		10	Grab
E21-1477	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	9/1/2021	8:00	Low	10:04	35.1		<10	Grab
E21-1478	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	9/1/2021	8:08	Low	10:04	35.1		<10	Grab
E21-1479	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	9/1/2021	8:14	Low	10:04	35.2		<10	Grab
E21-1480	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	9/1/2021	8:24	Low	10:04	35.2		<10	Grab
E21-1480	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	9/1/2021	8:24	Low	10:04	35.2		<10	LD
E21-1481	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	9/1/2021	8:24	Low	10:04	35.2		10	FD
E21-1482	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	9/1/2021	8:33	Low	10:04	35.2		<10	Grab
E21-1483	WAC-03		WAC-03	30th Ave. North	Street end	9/1/2021	8:41	Low	10:04	35.0		10	Grab
E21-1484	WAC-02		WAC-02	45th Ave. North	Street end	9/1/2021	8:48	Low	10:04	35.1		<10	Grab
E21-1485	WAC-01		WAC-01	59th Ave. North	Street end	9/1/2021	8:56	Low	10:04	35.3		<10	Grab
E21-1513	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	9/8/2021	9:47	High	9:43	35.6		10	Grab
E21-1514	WAC-09		WAC-09	47th Ave. South	Street end	9/8/2021	10:02	High	9:43	35.5		<10	Grab
E21-1515	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	9/8/2021	10:09	High	9:43	35.5		10	Grab
E21-1516	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	9/8/2021	10:18	High	9:43	35.4		<10	Grab
E21-1517	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	9/8/2021	10:27	High	9:43	35.4		<10	Grab
E21-1518	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	9/8/2021	10:35	High	9:43	35.5		<10	Grab
E21-1519	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	9/8/2021	10:41	High	9:43	35.4		10	Grab
E21-1520	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	9/8/2021	10:49	High	9:43	35.4		<10	Grab
E21-1520	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	9/8/2021	10:49	High	9:43	35.4		10	LD
E21-1521	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	9/8/2021	10:49	High	9:43	35.5		<10	FD
E21-1522	WAC-03		WAC-03	30th Ave. North	Street end	9/8/2021	10:59	High	9:43	35.4		<10	Grab
E21-1523	WAC-02		WAC-02	45th Ave. North	Street end	9/8/2021	11:07	High	9:43	35.2		10	Grab
E21-1524	WAC-01		WAC-01	59th Ave. North	Street end	9/8/2021	11:14	High	9:43	35.1		<10	Grab
E21-1558	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	9/15/2021	7:54	Low	9:46	35.0		10	Grab

Amanda Swanson



North Myrtle Beach - Ocean Monitoring
Official Results for September 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
E21-1559	WAC-09		WAC-09	47th Ave. South	Street end	9/15/2021	8:10	Low	9:46	34.9		<10	Grab
E21-1560	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	9/15/2021	8:18	Low	9:46	35.1		<10	Grab
E21-1561	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	9/15/2021	8:29	Low	9:46	34.9		10	Grab
E21-1562	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	9/15/2021	8:37	Low	9:46	35.1		<10	Grab
E21-1562	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	9/15/2021	8:37	Low	9:46	35.1		<10	LD
E21-1563	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	9/15/2021	8:37	Low	9:46	35.1		<10	FD
E21-1564	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	9/15/2021	8:44	Low	9:46	35.2		<10	Grab
E21-1565	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	9/15/2021	8:53	Low	9:46	35.2		<10	Grab
E21-1566	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	9/15/2021	9:01	Low	9:46	35.0		<10	Grab
E21-1567	WAC-03		WAC-03	30th Ave. North	Street end	9/15/2021	9:10	Low	9:46	34.6		<10	Grab
E21-1568	WAC-02		WAC-02	45th Ave. North	Street end	9/15/2021	9:18	Low	9:46	34.8		<10	Grab
E21-1569	WAC-01		WAC-01	59th Ave. North	Street end	9/15/2021	9:27	Low	9:46	34.9		<10	Grab
E21-1604	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	9/22/2021	7:53	High	9:41	34.2		86	Grab
E21-1605	WAC-09		WAC-09	47th Ave. South	Street end	9/22/2021	8:05	High	9:41	34.3		10	Grab
E21-1606	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	9/22/2021	8:11	High	9:41	34.3		345	Grab
E21-1607	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	9/22/2021	8:19	High	9:41	34.3		627	Grab
E21-1608	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	9/22/2021	8:25	High	9:41	34.3		31	Grab
E21-1609	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	9/22/2021	8:30	High	9:41	34.3		<10	Grab
E21-1610	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	9/22/2021	8:36	High	9:41	34.3		20	Grab
E21-1611	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	9/22/2021	8:43	High	9:41	34.4		<10	Grab
E21-1612	WAC-03		WAC-03	30th Ave. North	Street end	9/22/2021	8:49	High	9:41	34.3		<10	Grab
E21-1613	WAC-02		WAC-02	45th Ave. North	Street end	9/22/2021	8:54	High	9:41	34.6		<10	Grab
E21-1613	WAC-02		WAC-02	45th Ave. North	Street end	9/22/2021	8:54	High	9:41	34.4		10	LD
E21-1614	WAC-02		WAC-02	45th Ave. North	Street end	9/22/2021	8:54	High	9:41	34.4		10	FD
E21-1615	WAC-01		WAC-01	59th Ave. North	Street end	9/22/2021	9:01	High	9:41	34.5		<10	Grab
E21-1649	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	9/29/2021	7:53	Low	8:23	34.7		<10	Grab
E21-1650	WAC-09		WAC-09	47th Ave. South	Street end	9/29/2021	8:08	Low	8:23	34.6		30	Grab

Amanda Sursum



**North Myrtle Beach - Ocean Monitoring
Official Results for September 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
E21-1651	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	9/29/2021	8:15	Low	8:23	34.8		<10	Grab
E21-1652	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	9/29/2021	8:26	Low	8:23	35.1		<10	Grab
E21-1652	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	9/29/2021	8:26	Low	8:23	35.1		10	LD
E21-1653	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	9/29/2021	8:26	Low	8:23	35.0		10	FD
E21-1654	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	9/29/2021	8:35	Low	8:23	35.1		<10	Grab
E21-1655	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	9/29/2021	8:41	Low	8:23	35.1		<10	Grab
E21-1656	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	9/29/2021	8:49	Low	8:23	35.0		<10	Grab
E21-1657	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	9/29/2021	8:57	Low	8:23	35.0		10	Grab
E21-1658	WAC-03		WAC-03	30th Ave. North	Street end	9/29/2021	9:06	Low	8:23	34.7		<10	Grab
E21-1659	WAC-02		WAC-02	45th Ave. North	Street end	9/29/2021	9:13	Low	8:23	34.9		<10	Grab
E21-1660	WAC-01		WAC-01	59th Ave. North	Street end	9/29/2021	9:22	Low	8:23	35.0		<10	Grab

Amanda Sursum