

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 2022

Public Works Department

Monthly Statistics for October

	2022	2021
Water Supply & Use		
• Average Daily Water Use	7.1 MGD	7.9 MGD
• Water Pumped	219,384,750 Gallons	245,313,950 Gallons
• Water Billed**	228,875,000 Gallons	228,508,000 Gallons
Wastewater Treatment		
• Average Daily Sewer Treated	4.6 MGD	5.2 MGD
• Peak Daily Sewer Treated	7.0 MGD	7.9 MGD
• Sewer Treated	131,058,000 Gallons	161,330,000 Gallons
• Sewer Billed**	228,875,000 Gallons	170,390,000 Gallons
Utility Locate Requests	405	322
Solid Waste Collection & Disposal		
• Volume		
○ MSW	1,561 Tons	1,586 Tons
○ Yard Waste	328 Tons	326 Tons
○ Recycled (Includes E-Waste)	252 Tons	248 Tons
○ C & D	128 Tons	118 Tons
○ Total Pick-up/Disposal	2,269 Tons	2,278 Tons
• Recycling %	18%	16%
• Landfill Disposal Cost	\$69,653	\$71,099

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 Transmission	Windy Hill	TBD	Impact	Preliminary Design	RIA Grant Application
		TBD	10,000,000		
Water Tank & BPS Improvements	Bridge Road @ Windy Hill Ext.	TBD	Impact	Preliminary Design	RIA Grant Application
		TBD	6,500,000		
North End Water Transmission	Vereen Road	TBD	Impact	Preliminary Design	Hold for GSWSA
		TBD	TBD		
Sewer Force Main Replacement	Cherry Grove & Ocean Drive	DDC	Impact	Under Construction	Continue
		RH Moore	\$3,000,000		
Myrtle Beach Water Transmission	Myrtle Beach	MB	Impact	Preliminary Design & Route	RIA Grant Application Ph 1
		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	Horry Co. ARPA	Design 50%	Continue survey and design
		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	\$2,000,000		
18 th Avenue North Ocean Outfall	Ocean Drive	DDC	Stormwater	Contract Award	Order Material
		Manson	\$26,500,000		

Beach Access & Parking Improvements

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
Beach Access	Various	HRT	Capital	Construction Started	Continue Construction
		Sellers Construction	TBD		
1 st Ave South Parking Lot	Ocean Drive	HRT	Capital	Demo Complete	95% Complete
		JMEC Construction	TBD		
Cherry Grove Parking Lots	Near 62 nd Ave N. Cherry Grove	HRT	Capital	Design 95%	Permit & Bid
		TBD	TBD		
Tricia Lynn	Windy Hill	HRT	Capital	Demo Complete	Design 95% Complete
		JMEC Construction	TBD		
28 th Avenue South	Crescent Beach	HRT	Capital	Complete	Design 95% Complete
		AO Hardee	\$180,000		
Parking Lot 52 nd Ave. North	Heritage Dr. & 52 nd Avenue North	HRT	Capital	Rock Lot Complete	Design Improvements Awaiting OCRM Approval
		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	Under Construction	Contractual Mobilization
		Coastal Asphalt	\$612,000		
Hwy 17 & 27 th Ave S Intersection	Highway 17 @ 27 th S	SCDOT	GSATS	Design & R/W	Construction Funding 2024
		TBD	\$1,850,000		
NOB ECT	Cherry Grove - 29 th N to 34 th N	Mead & Hunt	Franchise Fund	Plans Complete	Complete Spec and Bid
		TBD	TBD		
LRN Road Path	LRN Road	HRT	GSATS/Horry/NMB	Construction 20%	Continue
		Coastal Asphalt	\$1,000,000		
Edge Parkway Path Phase I	Edge Pkwy.	HRT	GSATS	Preliminary Design Complete	2026 Funding
		TBD	TBD		
Sidewalk	Commons Blvd; Hwy 17N 8 th - 11 th	HRT	St. Imp.	Design Complete	Hold
		TBD	TBD		
Resurfacing 2022	Various	City	Street Imp./CTC	Complete	Close-out DOT Final Inspection
		Southern Asphalt	\$1,500,000		
Champions Blvd. Extension	Sports Park	Thomas & Hutton	Street Imp.	Design - Construction	Continue
		AO Hardee	\$5,000,000		

Building/Park Improvements

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
Heritage Point Seawall	Cherry Grove	Beam & Assoc.	Park	Permitted	Complete Design & Bid
		TBD	TBD		
CG Barge Ramp & Seawall	Cherry Grove	Beam & Assoc.	CG Dredge	Construction Complete	Close-out
		Intercoastal Maring	\$600,000		
Cherry Grove Maintenance Dredge	Cherry Grove	Beam & Assoc.	CG Dredge	Under Construction	Install Dredge Pipeline
		Michels Construction	\$2,700,000		
Sanitation Facility Improvements	2 nd Avenue South	HRT	Sanitation Capital	Design 90%	Complete Spec & Bid
		TBD	TBD		
45 th , 48 th , 49 th Ave N. Seawalls	Cherry Grove	HRT	CG Dredge	Construction 75%	Continue Construction at 45 th North
		Seven Seas Const.	\$120,000		



**North Myrtle Beach - Ocean Monitoring
Official Results for October 2022**

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
E22-1638	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	10/5/2022	7:58	Low	10:49	32.5		355	Grab
E22-1638	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	10/5/2022	7:58	Low	10:49	32.4		431	LD
E22-1639	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	10/5/2022	7:58	Low	10:49	32.5		402	FD
E22-1640	WAC-09		WAC-09	47th Ave. South	Street end	10/5/2022	8:13	Low	10:49	35.1		<10	Grab
E22-1641	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	10/5/2022	8:22	Low	10:49	35.0		20	Grab
E22-1642	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	10/5/2022	8:34	Low	10:49	34.6		41	Grab
E22-1643	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	10/5/2022	8:41	Low	10:49	34.9		10	Grab
E22-1644	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	10/5/2022	8:50	Low	10:49	34.9		31	Grab
E22-1645	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	10/5/2022	9:01	Low	10:49	34.9		10	Grab
E22-1646	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	10/5/2022	9:14	Low	10:49	31.9		443	Grab
E22-1647	WAC-03		WAC-03	30th Ave. North	Street end	10/5/2022	9:26	Low	10:49	35.2		<10	Grab
E22-1648	WAC-02		WAC-02	45th Ave. North	Street end	10/5/2022	9:35	Low	10:49	35.2		<10	Grab
E22-1649	WAC-01		WAC-01	59th Ave. North	Street end	10/5/2022	9:47	Low	10:49	35.2		<10	Grab
E22-1679	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	10/12/2022	8:18	High	10:27	35.0		10	Grab
E22-1680	WAC-09		WAC-09	47th Ave. South	Street end	10/12/2022	8:38	High	10:27	35.1		31	Grab
E22-1680	WAC-09		WAC-09	47th Ave. South	Street end	10/12/2022	8:38	High	10:27	35.1		<10	LD
E22-1681	WAC-09		WAC-09	47th Ave. South	Street end	10/12/2022	8:38	High	10:27	35.0		31	FD
E22-1682	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	10/12/2022	8:46	High	10:27	35.0		10	Grab
E22-1683	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	10/12/2022	8:58	High	10:27	35.0		41	Grab
E22-1684	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	10/12/2022	9:09	High	10:27	35.0		<10	Grab
E22-1685	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	10/12/2022	9:16	High	10:27	35.0		20	Grab
E22-1686	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	10/12/2022	9:25	High	10:27	35.1		31	Grab
E22-1687	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	10/12/2022	9:34	High	10:27	35.0		30	Grab
E22-1688	WAC-03		WAC-03	30th Ave. North	Street end	10/12/2022	9:41	High	10:27	35.0		<10	Grab
E22-1689	WAC-02		WAC-02	45th Ave. North	Street end	10/12/2022	9:49	High	10:27	35.1		20	Grab
E22-1690	WAC-01		WAC-01	59th Ave. North	Street end	10/12/2022	9:58	High	10:27	35.1		<10	Grab
E22-1718	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	10/19/2022	8:46	Low	9:51	35.5		<10	Grab



**North Myrtle Beach - Ocean Monitoring
Official Results for October 2022**

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
E22-1719	WAC-09		WAC-09	47th Ave. South	Street end	10/19/2022	9:02	Low	9:51	35.5		<10	Grab
E22-1720	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	10/19/2022	9:10	Low	9:51	35.4		10	Grab
E22-1721	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	10/19/2022	9:26	Low	9:51	35.5		<10	Grab
E22-1722	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	10/19/2022	9:35	Low	9:51	35.6		<10	Grab
E22-1722	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	10/19/2022	9:35	Low	9:51	35.6		<10	LD
E22-1723	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	10/19/2022	9:35	Low	9:51	35.4		<10	FD
E22-1724	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	10/19/2022	9:44	Low	9:51	35.5		<10	Grab
E22-1725	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	10/19/2022	9:52	Low	9:51	35.5		10	Grab
E22-1726	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	10/19/2022	10:03	Low	9:51	35.5		10	Grab
E22-1727	WAC-03		WAC-03	30th Ave. North	Street end	10/19/2022	10:14	Low	9:51	35.6		10	Grab
E22-1728	WAC-02		WAC-02	45th Ave. North	Street end	10/19/2022	10:21	Low	9:51	35.6		10	Grab
E22-1729	WAC-01		WAC-01	59th Ave. North	Street end	10/19/2022	10:31	Low	9:51	35.7		<10	Grab
E22-1759	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	10/26/2022	8:40	High	9:16	35.7		148	Grab
E22-1760	WAC-09		WAC-09	47th Ave. South	Street end	10/26/2022	8:56	High	9:16	35.5		<10	Grab
E22-1761	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	10/26/2022	9:04	High	9:16	35.5		10	Grab
E22-1762	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	10/26/2022	9:16	High	9:16	35.5		30	Grab
E22-1763	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	10/26/2022	9:25	High	9:16	35.6		<10	Grab
E22-1763	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	10/26/2022	9:25	High	9:16	35.6		<10	LD
E22-1764	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	10/26/2022	9:25	High	9:16	35.6		10	FD
E22-1765	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	10/26/2022	9:31	High	9:16	35.6		<10	Grab
E22-1766	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	10/26/2022	9:39	High	9:16	35.6		31	Grab
E22-1767	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	10/26/2022	9:48	High	9:16	35.6		10	Grab
E22-1768	WAC-03		WAC-03	30th Ave. North	Street end	10/26/2022	9:56	High	9:16	35.6		31	Grab
E22-1769	WAC-02		WAC-02	45th Ave. North	Street end	10/26/2022	10:03	High	9:16	35.6		20	Grab
E22-1770	WAC-01		WAC-01	59th Ave. North	Street end	10/26/2022	10:12	High	9:16	35.6		<10	Grab