

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 2022

Public Works Department

Monthly Statistics for December

	2022	2021
Water Supply & Use		
• Average Daily Water Use	5.5 MGD	6.0 MGD
• Water Pumped	170,645,900 Gallons	186,877,500 Gallons
• Water Billed**	165,613,000 Gallons	183,947,000 Gallons
Wastewater Treatment		
• Average Daily Sewer Treated	3.2 MGD	3.5 MGD
• Peak Daily Sewer Treated	5.2 MGD	5.9 MGD
• Sewer Treated	99,424,000 Gallons	108,390,000 Gallons
• Sewer Billed**	165,613,000 Gallons	126,133,000 Gallons
Utility Locate Requests	441	312
Solid Waste Collection & Disposal		
• Volume		
○ MSW	1,143 Tons	1,402 Tons
○ Yard Waste	1,095 Tons	259 Tons
○ Recycled (Includes E-Waste)	150 Tons	188 Tons
○ C & D	208 Tons	137 Tons
○ Total Pick-up/Disposal	2,596 Tons	1,986 Tons
• Recycling %	13%	13%
• Landfill Disposal Cost	\$71,918	\$46,163

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	Under Construction	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	Design 95%	Bid
		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	Design 95%	Bid
		JMEC Construction	TBD		
28 th Avenue South	Crescent Beach	HRT	Capital	Rock Lot 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 30%	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		



**North Myrtle Beach - Ocean Monitoring
Official Results for December 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
E22-2002	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	12/7/2022	9:02	High	7:16	36.0		31	Grab
E22-2003	WAC-09		WAC-09	47th Ave. South	Street end	12/7/2022	9:16	High	7:16	35.8		<10	Grab
E22-2004	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	12/7/2022	9:24	High	7:16	35.6		10	Grab
E22-2005	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	12/7/2022	9:40	High	7:16	35.6		20	Grab
E22-2005	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	12/7/2022	9:40	High	7:16	35.6		20	LD
E22-2006	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	12/7/2022	9:40	High	7:16	35.5		41	FD
E22-2007	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	12/7/2022	9:48	High	7:16	35.5		<10	Grab
E22-2008	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	12/7/2022	9:54	High	7:16	35.5		<10	Grab
E22-2009	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	12/7/2022	10:01	High	7:16	35.5		<10	Grab
E22-2010	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	12/7/2022	10:11	High	7:16	35.5		<10	Grab
E22-2011	WAC-03		WAC-03	30th Ave. North	Street end	12/7/2022	10:18	High	7:16	35.4		<10	Grab
E22-2012	WAC-02		WAC-02	45th Ave. North	Street end	12/7/2022	10:26	High	7:16	34.8		10	Grab
E22-2013	WAC-01		WAC-01	59th Ave. North	Street end	12/7/2022	10:34	Low	13:43	34.5		10	Grab
E22-2034	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	12/14/2022	8:41	Low	5:34	35.5		<10	Grab
E22-2035	WAC-09		WAC-09	47th Ave. South	Street end	12/14/2022	8:56	High	11:50	35.5		30	Grab
E22-2036	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	12/14/2022	9:04	High	11:50	35.5		<10	Grab
E22-2037	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	12/14/2022	9:15	High	11:50	35.5		<10	Grab
E22-2038	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	12/14/2022	9:23	High	11:50	35.5		10	Grab
E22-2039	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	12/14/2022	9:30	High	11:50	35.5		63	Grab
E22-2040	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	12/14/2022	9:36	High	11:50	35.6		<10	Grab
E22-2041	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	12/14/2022	9:45	High	11:50	35.5		<10	Grab
E22-2041	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	12/14/2022	9:45	High	11:50	35.5		<10	LD
E22-2042	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	12/14/2022	9:45	High	11:50	35.5		10	FD
E22-2043	WAC-03		WAC-03	30th Ave. North	Street end	12/14/2022	9:52	High	11:50	35.3		<10	Grab
E22-2044	WAC-02		WAC-02	45th Ave. North	Street end	12/14/2022	10:00	High	11:50	35.4		20	Grab
E22-2045	WAC-01		WAC-01	59th Ave. North	Street end	12/14/2022	10:07	High	11:50	35.5		10	Grab
E22-2075	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	12/19/2022	8:20	Low	10:30	34.7		336	Grab



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E22-2076	WAC-09		WAC-09	47th Ave. South	Street end	12/19/2022	8:41	Low	10:30	35.6		10	Grab
E22-2077	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	12/19/2022	8:49	Low	10:30	35.6		10	Grab
E22-2078	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	12/19/2022	9:02	Low	10:30	35.6		<10	Grab
E22-2079	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	12/19/2022	9:11	Low	10:30	35.5		10	Grab
E22-2080	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	12/19/2022	9:18	Low	10:30	35.6		<10	Grab
E22-2081	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	12/19/2022	9:25	Low	10:30	35.6		10	Grab
E22-2081	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	12/19/2022	9:25	Low	10:30	35.6		10	LD
E22-2082	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	12/19/2022	9:25	Low	10:30	35.6		10	FD
E22-2083	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	12/19/2022	9:36	Low	10:30	35.6		<10	Grab
E22-2084	WAC-03		WAC-03	30th Ave. North	Street end	12/19/2022	9:45	Low	10:30	35.7		20	Grab
E22-2085	WAC-02		WAC-02	45th Ave. North	Street end	12/19/2022	9:54	Low	10:30	35.7		<10	Grab
E22-2086	WAC-01		WAC-01	59th Ave. North	Street end	12/19/2022	10:04	Low	10:30	35.8		<10	Grab