

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



January 2023

Public Works Department

Monthly Statistics for January

	2023	2022
Water Supply & Use		
• Average Daily Water Use	3.2 MGD	3.7 MGD
• Water Pumped	98,878,925 Gallons	115,812,600 Gallons
• Water Billed**	97,419,000 Gallons	97,428,000 Gallons
Wastewater Treatment		
• Average Daily Sewer Treated	2.1 MGD	3.1 MGD
• Peak Daily Sewer Treated	3.4 MGD	6.0 MGD
• Sewer Treated	63,134,000 Gallons	95,250,000 Gallons
• Sewer Billed**	77,450,000 Gallons	77,550,000 Gallons
Utility Locate Requests	551	314
Solid Waste Collection & Disposal		
• Volume		
○ MSW	957 Tons	898 Tons
○ Yard Waste	293 Tons	311 Tons
○ Recycled (Includes E-Waste)	192 Tons	181 Tons
○ C & D	117 Tons	89 Tons
○ Total Pick-up/Disposal	1,559 Tons	1,479 Tons
• Recycling %	20%	20%
• Landfill Disposal Cost	\$46,184	\$43,853

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	Develop RFP
		TBD	TBD		
Sewer Force Main Replacement	Cherry Grove & Ocean Drive	DDC	Impact	Under Construction	75%
		RH Moore	\$3,000,000		
Myrtle Beach Water Transmission	Myrtle Beach	MB	Impact	Phase I Design	MB Design & Construction
		DDC	TBD		
LRN Elevated Tank	Little River Neck	City and TBD	Impact	Preliminary Design Complete	Property Acquisition
		TBD	TBD		
Jacks Circle & Harrelson Water Line	Little River Neck	City	Horry Co. ARPA	Design Complete	On Hold
		TBD	TBD		

Storm Drainage System Improvements

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
Priority Group 3 Drainage Imp	Various	City	Stormwater	Survey/Design	Design, Permits, Easements
		TBD	\$3,500,000		
18 th Avenue North Ocean Outfall	Ocean Drive	DDC	Stormwater	Under Construction	5%
		Manson	\$26,500,000		
18 th Avenue North Outfall - Landward	Ocean Drive	DDC	Stormwater	Hold for Ocean Outfall Completion	Construction 2024
		TBD	\$6,500,000		
City Drainage Improvements	13 th Ave. N; 3 rd Ave S	City	Stormwater	Under Construction	50%
		City	TBD		
Tidal Flood Study	CG Marsh & WH Marsh	USACE	Stormwater	Scoping Project	USACE Agreement
		N/A	\$300,000		

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	90%
		Coastal Asphalt	\$612,000		
Hwy 17 & 27 th Ave S Intersection	Highway 17 @ 27 th S	SCDOT	GSATS	Design & R/W	Construction Funding FY 2025
		TBD	\$4,000,000		
NOB ECT	Cherry Grove - 29th N to 34th N	Mead & Hunt	Franchise Fund	Under Contract	Begin Construction
		Greenwall Construction	\$3,100,000		
LRN Road Path	LRN Road	HRT	GSATS/Horry/NMB	Under Construction	30%
		Coastal Asphalt	\$1,000,000		
Edge Parkway Path Phase I	Edge Pkwy.	HRT	GSATS	Preliminary Design Complete	FY 2026 Funding
		TBD	TBD		
Sidewalk	Commons Blvd; Hwy 17N 8 th - 11 th	HRT	St. Imp.	Design Complete	Hold
		TBD	TBD		
Resurfacing 2023	Various	City	Street Imp./CTC	Finalize Road List	CTC Request March
		TBD	\$2,000,000		
Champions Blvd. Extension	Sports Park	Thomas & Hutton	Street Imp.	Design – 80%	Permit
		AO Hardee	\$5,000,000		
SC31 Median U-Turn	SC31 North	City	CTC	Design – Permitting	SCDOT Permit & Bid
		TBD	\$150,000		
N. Myrtle Point Blvd. Alley	Cherry Grove	City	Street Imp.	Design – Permitting	Obtain Right-of-way
		TBD	TBD		

Facility, Park & Land Improvements

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
Heritage Point Seawall	Cherry Grove	Beam & Assoc.	Park	Under Contract	Begin construction
		Seven Seas Marine	\$315,000		
Cherry Grove Maintenance Dredge	Cherry Grove	Beam & Assoc.	CG Dredge	Under Construction	50%
		Michels Construction	\$2,700,000		
Sanitation Facility Improvements	2 nd Avenue South	HRT	Sanitation Capital	Design 90%	Complete Spec & Bid
		TBD	TBD		
PS Crime Prevention Building	City Hall Campus	HRT	Capital	Finalize Site Plan	Prepare Design/Build Bid Package
		TBD	TBD		
Beach Services Parking	City Hall Campus	HRT	Capital	Temporary Lot Complete	FY 25 Final Build
		TBD	TBD		

Beach Access & Parking Improvements

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
Beach Access	Various	HRT	Capital	Ongoing	Continue Construction
		Sellers Construction	TBD		
1 st Ave South Parking Lot	Ocean Drive	HRT	Capital	Temporary Lot Complete	FY 24 Final Build
		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	Temporary Lot Complete	FY 24 Final Build
		JMEC Construction	TBD		
28 th Avenue South	Crescent Beach	HRT	Capital	Temporary Lot Complete	FY 24 Final Build
		AO Hardee	TBD		
Parking Lot 52 nd Ave. North	Heritage Dr. & 52 nd Avenue North	HRT	Capital	Temporary Lot Complete	FY 24 Final Build
		TBD	TBD		



**North Myrtle Beach - Ocean Monitoring
Official Results for January 2023**

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
E23-0021	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	1/3/2023	8:59	Low	11:49	32.6		135	Grab
E23-0022	WAC-09		WAC-09	47th Ave. South	Street end	1/3/2023	9:20	Low	11:49	34.9		10	Grab
E23-0023	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	1/3/2023	9:28	Low	11:49	34.7		31	Grab
E23-0023	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	1/3/2023	9:28	Low	11:49	34.8		<10	LD
E23-0024	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	1/3/2023	9:28	Low	11:49	34.9		10	FD
E23-0025	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	1/3/2023	9:40	Low	11:49	34.8		10	Grab
E23-0026	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	1/3/2023	9:51	Low	11:49	34.9		10	Grab
E23-0027	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	1/3/2023	9:58	Low	11:49	34.5		<10	Grab
E23-0028	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	1/3/2023	10:06	Low	11:49	34.6		10	Grab
E23-0029	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	1/3/2023	10:17	Low	11:49	34.6		52	Grab
E23-0030	WAC-03		WAC-03	30th Ave. North	Street end	1/3/2023	10:27	Low	11:49	33.4		<10	Grab
E23-0031	WAC-02		WAC-02	45th Ave. North	Street end	1/3/2023	10:37	Low	11:49	33.6		<10	Grab
E23-0032	WAC-01		WAC-01	59th Ave. North	Street end	1/3/2023	10:47	Low	11:49	34.1		<10	Grab
E23-0065	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	1/11/2023	8:44	High	10:30	36.1		10	Grab
E23-0066	WAC-09		WAC-09	47th Ave. South	Street end	1/11/2023	8:58	High	10:30	36.1		<10	Grab
E23-0067	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	1/11/2023	9:05	High	10:30	36.1		<10	Grab
E23-0068	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	1/11/2023	9:18	High	10:30	36.0		<10	Grab
E23-0069	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	1/11/2023	9:25	High	10:30	36.1		<10	Grab
E23-0069	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	1/11/2023	9:25	High	10:30	36.1		<10	LD
E23-0070	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	1/11/2023	9:25	High	10:30	36.0		<10	FD
E23-0071	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	1/11/2023	9:33	High	10:30	36.1		20	Grab
E23-0072	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	1/11/2023	9:39	High	10:30	36.1		<10	Grab
E23-0073	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	1/11/2023	9:47	High	10:30	36.1		<10	Grab
E23-0074	WAC-03		WAC-03	30th Ave. North	Street end	1/11/2023	9:55	High	10:30	36.0		<10	Grab
E23-0075	WAC-02		WAC-02	45th Ave. North	Street end	1/11/2023	10:02	High	10:30	35.4		<10	Grab
E23-0076	WAC-01		WAC-01	59th Ave. North	Street end	1/11/2023	10:11	High	10:30	34.6		<10	Grab
E23-0097	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	1/17/2023	8:27	Low	10:00	34.1		201	Grab



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E23-0098	WAC-09		WAC-09	47th Ave. South	Street end	1/17/2023	8:42	Low	10:00	35.8		86	Grab
E23-0099	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	1/17/2023	8:50	Low	10:00	36.0		10	Grab
E23-0100	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	1/17/2023	9:02	Low	10:00	36.0		<10	Grab
E23-0100	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	1/17/2023	9:02	Low	10:00	36.0		<10	LD
E23-0101	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	1/17/2023	9:02	Low	10:00	36.2		10	FD
E23-0102	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	1/17/2023	9:12	Low	10:00	36.0		<10	Grab
E23-0103	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	1/17/2023	9:19	Low	10:00	36.1		10	Grab
E23-0104	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	1/17/2023	9:26	Low	10:00	36.1		10	Grab
E23-0105	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	1/17/2023	9:30	Low	10:00	36.1		20	Grab
E23-0106	WAC-03		WAC-03	30th Ave. North	Street end	1/17/2023	9:48	Low	10:00	36.2		20	Grab
E23-0107	WAC-02		WAC-02	45th Ave. North	Street end	1/17/2023	9:56	Low	10:00	36.2		20	Grab
E23-0108	WAC-01		WAC-01	59th Ave. North	Street end	1/17/2023	10:06	Low	10:00	36.1		10	Grab
E23-0148	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	1/25/2023	8:21	High	10:59	35.1		<10	Grab
E23-0149	WAC-09		WAC-09	47th Ave. South	Street end	1/25/2023	8:35	High	10:59	35.2		10	Grab
E23-0150	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	1/25/2023	8:42	High	10:59	35.3		<10	Grab
E23-0151	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	1/25/2023	8:51	High	10:59	35.3		10	Grab
E23-0152	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	1/25/2023	9:03	High	10:59	35.4		<10	Grab
E23-0153	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	1/25/2023	9:08	High	10:59	35.4		10	Grab
E23-0154	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	1/25/2023	9:13	High	10:59	35.4		<10	Grab
E23-0155	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	1/25/2023	9:23	High	10:59	35.4		10	Grab
E23-0156	WAC-03		WAC-03	30th Ave. North	Street end	1/25/2023	9:30	High	10:59	35.4		<10	Grab
E23-0156	WAC-03		WAC-03	30th Ave. North	Street end	1/25/2023	9:30	High	10:59	35.3		<10	LD
E23-0157	WAC-03		WAC-03	30th Ave. North	Street end	1/25/2023	9:30	High	10:59	35.3		10	FD
E23-0158	WAC-02		WAC-02	45th Ave. North	Street end	1/25/2023	9:36	High	10:59	35.2		10	Grab
E23-0159	WAC-01		WAC-01	59th Ave. North	Street end	1/25/2023	9:46	High	10:59	35.3		<10	Grab