

# ***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***



***April 2022***

# Public Works Department

## Monthly Statistics for April

	2022	2021
<b>Water Supply &amp; Use</b>		
• Average Daily Water Use	3.2 MGD	3.2 MGD
• Water Pumped	99,211,100 Gallons	90,255,900 Gallons
• Water Billed**	110,799,000 Gallons	87,172,000 Gallons
<b>Wastewater Treatment</b>		
• Average Daily Sewer Treated	2.7 MGD	4.4 MGD
• Peak Daily Sewer Treated	3.6 MGD	7.6 MGD
• Sewer Pumped	76,010,000 Gallons	124,370,000 Gallons
• Sewer Billed**	93,935,000 Gallons	76,412,000 Gallons
<b>Utility Locate Requests</b>	341	244
<b>Solid Waste Collection &amp; Disposal</b>		
• Volume		
○ MSW	796 Tons	823 Tons
○ Yard Waste	273 Tons	207 Tons
○ Recycled (Includes E-Waste)	164 Tons	170 Tons
○ C & D	94 Tons	96 Tons
○ Total Pick-up/Disposal	1,327 Tons	1,296 Tons
• Recycling %	21%	21%
• Landfill Disposal Cost	\$38,452	\$34,842

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 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	Under Construction	Continue
		RH Moore	\$3,000,000		
Myrtle Beach Water Transmission Main	Myrtle Beach	MB	Impact	Preliminary Design & Route	Continue
		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 design Complete Grant Agmt.
		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	\$1,000,000		
18 <sup>th</sup> Avenue North Ocean Outfall	Ocean Drive	DDC	Stormwater	RFQ	OCRM Permit 16 <sup>th</sup> N Access
		TBD	\$18,000,000		

### *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	85% Complete	Complete Punch List
		Waccamaw Landscaping	\$140,000		
1 <sup>st</sup> Ave South Parking Lot	Ocean Drive	HRT	Capital	Permitting	May 2
		JMEC Construction	TBD		
Cherry Grove Parking Lots	Near 62 <sup>nd</sup> Ave N. Cherry Grove	HRT	Capital	Design 50%	OCRM Permit
		TBD	TBD		
Tricia Lynn	Windy Hill	HRT	Capital	Permitting	May 2
		JMEC Construction	TBD		
28 <sup>th</sup> Avenue South	Crescent Beach	HRT	Capital	Preliminary Design	
		TBD	TBD		
Parking Lot at Heritage Dr. North 52 <sup>nd</sup> Ave. North	Heritage Dr. & 53 <sup>rd</sup> Avenue North	HRT	Capital	Preliminary Design	Continue Design
		TBD	TBD		

## *Street Improvements*

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
2 <sup>nd</sup> Avenue North Widening & Paving	Highway 17 at 2 <sup>nd</sup> Avenue North	City	St. Imp./CTC	Design Complete	Obtain Permits Bid Spring 2022
		TBD	TBD		
Hwy 17 & 27 <sup>th</sup> Ave S Intersection	Highway 17 @ 27 <sup>th</sup> 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 Summer 2022
		TBD	TBD		
LRN Road Path	LRN Road	HRT	GSATS/Horry/NMB	Preconstruction	Begin Construction
		Coastal Asphalt	\$1,000,000		
Edge Parkway Path Phase I	Edge Pkwy.	HRT	TBD	Design 50%	Hold
		TBD	TBD		
Sidewalk	Commons Blvd; Hwy 17N 8 <sup>th</sup> - 11 <sup>th</sup>	HRT	St. Imp.	Design 50%	Hold
		TBD	TBD		
Resurfacing 2022	Various	City	Street Imp./CTC	Construction	Begin Construction March
		Southern Asph.	\$1,500,000		
Champions Blvd. Extension	Sports Park	Design/Build	Street Imp.	RFP Due April 8 <sup>th</sup>	Award Contract April
		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	Bid March	Construction April
		TBD	TBD		
Cherry Grove Mechanical Dredge	Cherry Grove	Beam Assoc.	CG Dredge	Construction Complete	Close-out
		Coastal Dredging	\$190,000		
Cherry Grove Maintenance Dredge	Cherry Grove	Beam & Assoc.	CG Dredge	Permitting	Continue
		TBD	TBD		
Sanitation Facility Improvements	2 <sup>nd</sup> Avenue South	HRT	Sanitation Capital	Design 90%	Continue
		TBD	TBD		
45 <sup>th</sup> , 48 <sup>th</sup> , 49 <sup>th</sup> Ave N. Seawalls	Cherry Grove	HRT	CG Dredge	60% Complete	Continue Construction
		Seven Seas Const.	\$120,000		



North Myrtle Beach - Ocean Monitoring  
Official Results for April 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
E22-0561	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	4/6/2022	8:40	Low	6:31	24.7		1,162	Grab
E22-0562	WAC-09		WAC-09	47th Ave. South	Street end	4/6/2022	8:54	Low	6:31	34.4		31	Grab
E22-0563	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	4/6/2022	9:02	Low	6:31	34.5		52	Grab
E22-0564	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	4/6/2022	9:15	Low	6:31	34.4		20	Grab
E22-0565	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	4/6/2022	9:26	Low	6:31	34.3		<10	Grab
E22-0566	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	4/6/2022	9:33	High	12:29	34.4		10	Grab
E22-0567	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	4/6/2022	9:40	High	12:29	34.4		<10	Grab
E22-0568	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	4/6/2022	9:51	High	12:29	34.3		30	Grab
E22-0569	WAC-03		WAC-03	30th Ave. North	Street end	4/6/2022	9:59	High	12:29	34.4		<10	Grab
E22-0569	WAC-03		WAC-03	30th Ave. North	Street end	4/6/2022	9:59	High	12:29	34.4		<10	LD
E22-0570	WAC-03		WAC-03	30th Ave. North	Street end	4/6/2022	9:59	High	12:29	34.3		<10	FD
E22-0571	WAC-02		WAC-02	45th Ave. North	Street end	4/6/2022	10:07	High	12:29	34.3		<10	Grab
E22-0572	WAC-01		WAC-01	59th Ave. North	Street end	4/6/2022	10:16	High	12:29	34.4		10	Grab
E22-0606	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	4/13/2022	8:57	High	6:11	32.9		256	Grab
E22-0607	WAC-09		WAC-09	47th Ave. South	Street end	4/13/2022	9:15	High	6:11	34.1		10	Grab
E22-0608	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	4/13/2022	9:24	Low	12:30	34.2		<10	Grab
E22-0609	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	4/13/2022	9:35	Low	12:30	34.1		31	Grab
E22-0610	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	4/13/2022	9:49	Low	12:30	34.2		<10	Grab
E22-0611	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	4/13/2022	9:58	Low	12:30	34.4		10	Grab
E22-0612	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	4/13/2022	10:07	Low	12:30	34.4		<10	Grab
E22-0612	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	4/13/2022	10:07	Low	12:30	34.4		<10	LD
E22-0613	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	4/13/2022	10:07	Low	12:30	34.4		<10	FD
E22-0614	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	4/13/2022	10:24	Low	12:30	34.4		<10	Grab
E22-0615	WAC-03		WAC-03	30th Ave. North	Street end	4/13/2022	10:36	Low	12:30	34.2		<10	Grab
E22-0616	WAC-02		WAC-02	45th Ave. North	Street end	4/13/2022	10:41	Low	12:30	34.5		<10	Grab
E22-0617	WAC-01		WAC-01	59th Ave. North	Street end	4/13/2022	10:50	Low	12:30	34.6		<10	Grab
E22-0642	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	4/20/2022	8:06	Low	5:50	34.1		<10	Grab



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Official Results for April 2022**

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E22-0643	WAC-09		WAC-09	47th Ave. South	Street end	4/20/2022	8:21	Low	5:50	34.2		<10	Grab
E22-0644	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	4/20/2022	8:30	Low	5:50	34.1		10	Grab
E22-0645	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	4/20/2022	8:39	Low	5:50	34.3		<10	Grab
E22-0646	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	4/20/2022	8:55	High	11:37	34.4		30	Grab
E22-0647	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	4/20/2022	9:00	High	11:37	34.4		20	Grab
E22-0648	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	4/20/2022	9:08	High	11:37	34.5		<10	Grab
E22-0649	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	4/20/2022	9:21	High	11:37	34.8		<10	Grab
E22-0649	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	4/20/2022	9:21	High	11:37	34.8		<10	LD
E22-0650	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	4/20/2022	9:21	High	11:37	34.7		10	FD
E22-0651	WAC-03		WAC-03	30th Ave. North	Street end	4/20/2022	9:30	High	11:37	34.6		<10	Grab
E22-0652	WAC-02		WAC-02	45th Ave. North	Street end	4/20/2022	9:38	High	11:37	34.6		<10	Grab
E22-0653	WAC-01		WAC-01	59th Ave. North	Street end	4/20/2022	9:46	High	11:37	34.6		10	Grab
E22-0690	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	4/27/2022	8:06	High	6:28	33.8		110	Grab
E22-0691	WAC-09		WAC-09	47th Ave. South	Street end	4/27/2022	8:23	High	6:28	34.3		<10	Grab
E22-0691	WAC-09		WAC-09	47th Ave. South	Street end	4/27/2022	8:23	High	6:28	34.3		<10	LD
E22-0692	WAC-09		WAC-09	47th Ave. South	Street end	4/27/2022	8:23	High	6:28	34.3		<10	FD
E22-0693	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	4/27/2022	8:32	High	6:28	34.3		<10	Grab
E22-0694	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	4/27/2022	8:47	High	6:28	34.2		10	Grab
E22-0695	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	4/27/2022	8:59	High	6:28	34.3		10	Grab
E22-0696	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	4/27/2022	9:08	High	6:28	34.4		10	Grab
E22-0697	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	4/27/2022	9:17	High	6:28	34.4		10	Grab
E22-0698	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	4/27/2022	9:28	High	6:28	34.4		10	Grab
E22-0699	WAC-03		WAC-03	30th Ave. North	Street end	4/27/2022	9:38	Low	12:34	34.2		10	Grab
E22-0700	WAC-02		WAC-02	45th Ave. North	Street end	4/27/2022	9:47	Low	12:34	34.4		<10	Grab
E22-0701	WAC-01		WAC-01	59th Ave. North	Street end	4/27/2022	9:57	Low	12:34	34.4		<10	Grab