

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



February 2022

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 th Avenue North Ocean Outfall	Ocean Drive	DDC	Stormwater	RFQ	OCRM Permit 16 th 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	Under Construction	Continue
		Waccamaw Landscaping	\$140,000		
1 st Ave South Parking Lot	Ocean Drive	HRT	Capital	Bids March 17 th	Begin Demo
		TBD	TBD		
Cherry Grove Parking Lots	Near 62 nd Ave N. Cherry Grove	HRT	Capital	Design 50%	OCRM Permit
		TBD	TBD		
Tricia Lynn	Windy Hill	HRT	Capital	Bids March 17 th	Begin Demo
		TBD	TBD		
28 th Avenue South	Crescent Beach	HRT	Capital	Survey	Complete Boundary Survey
		TBD	TBD		
Parking Lot at Heritage Dr. North 52 nd Ave. North	Heritage Dr. & 53 rd Avenue North	HRT	Capital	Preliminary Design	OCRM Critical Area Delineation
		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	Design Complete	Obtain Permits Bid Spring 2022
		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 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 th - 11 th	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 th	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 nd Avenue South	HRT	Sanitation Capital	Design 90%	Continue
		TBD	TBD		
45 th , 48 th , 49 th Ave N. Seawalls	Cherry Grove	HRT	CG Dredge	Under Construction	Begin
		Seven Seas Const.	\$120,000		

Public Works Department

Monthly Statistics for February

	2022	2021
Water Supply & Use		
• Average Daily Water Use	2.9 MGD	3.3 MGD
• Water Pumped	89,343,700 Gallons	103,390,250 Gallons
• Water Billed**	149,835,000 Gallons	130,971,000 Gallons
Wastewater Treatment		
• Average Daily Sewer Treated	3.0 MGD	3.0 MGD
• Peak Daily Sewer Treated	7.9 MGD	4.4 MGD
• Sewer Pumped	93,948,000 Gallons	92,800,000 Gallons
• Sewer Billed**	108,268,000 Gallons	98,095,000 Gallons
Utility Locate Requests	137	261
Solid Waste Collection & Disposal		
• Volume		
○ MSW	878 Tons	917 Tons
○ Yard Waste	417 Tons	346 Tons
○ Recycled (Includes E-Waste)	243 Tons	197 Tons
○ C & D	97 Tons	117 Tons
○ Total Pick-up/Disposal	1,635 Tons	1,577 Tons
• Recycling %	28%	21%
• Landfill Disposal Cost	\$44,118	\$43,381

MGD=Million Gallons per Day

**Includes portion of current month and prior month based on meter reading schedule



**North Myrtle Beach - Ocean Monitoring
Official Results for February 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
E22-0192	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	2/2/2022	9:39	High	9:02	34.8		30	Grab
E22-0193	WAC-09		WAC-09	47th Ave. South	Street end	2/2/2022	9:56	High	9:02	34.8		10	Grab
E22-0194	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	2/2/2022	10:02	High	9:02	34.7		10	Grab
E22-0195	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	2/2/2022	10:13	High	9:02	34.6		10	Grab
E22-0196	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	2/2/2022	10:22	High	9:02	34.6		<10	Grab
E22-0197	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	2/2/2022	10:28	High	9:02	34.7		10	Grab
E22-0198	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	2/2/2022	10:35	High	9:02	34.6		<10	Grab
E22-0199	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	2/2/2022	10:45	High	9:02	34.5		10	Grab
E22-0199	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	2/2/2022	10:45	High	9:02	34.5		<10	LD
E22-0200	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	2/2/2022	10:45	High	9:02	34.4		<10	FD
E22-0201	WAC-03		WAC-03	30th Ave. North	Street end	2/2/2022	10:53	High	9:02	34.5		10	Grab
E22-0202	WAC-02		WAC-02	45th Ave. North	Street end	2/2/2022	11:00	High	9:02	34.5		<10	Grab
E22-0203	WAC-01		WAC-01	59th Ave. North	Street end	2/2/2022	11:08	High	9:02	34.5		<10	Grab
E22-0237	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	2/9/2022	7:51	Low	8:41	31.2		441	Grab
E22-0238	WAC-09		WAC-09	47th Ave. South	Street end	2/9/2022	8:09	Low	8:41	35.1		31	Grab
E22-0238	WAC-09		WAC-09	47th Ave. South	Street end	2/9/2022	8:09	Low	8:41	35.1		<10	LD
E22-0239	WAC-09		WAC-09	47th Ave. South	Street end	2/9/2022	8:09	Low	8:41	35.1		10	FD
E22-0240	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	2/9/2022	8:19	Low	8:41	35.0		20	Grab
E22-0241	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	2/9/2022	8:31	Low	8:41	35.0		10	Grab
E22-0242	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	2/9/2022	8:41	Low	8:41	35.0		20	Grab
E22-0243	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	2/9/2022	8:49	Low	8:41	35.0		10	Grab
E22-0244	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	2/9/2022	8:56	Low	8:41	35.0		<10	Grab
E22-0245	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	2/9/2022	9:07	Low	8:41	35.0		41	Grab
E22-0246	WAC-03		WAC-03	30th Ave. North	Street end	2/9/2022	9:15	Low	8:41	35.0		<10	Grab
E22-0247	WAC-02		WAC-02	45th Ave. North	Street end	2/9/2022	9:24	Low	8:41	34.6		<10	Grab
E22-0248	WAC-01		WAC-01	59th Ave. North	Street end	2/9/2022	9:34	Low	8:41	34.6		10	Grab
E22-0276	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	2/16/2022	8:24	High	7:51	34.9		20	Grab



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Official Results for February 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
E22-0277	WAC-09		WAC-09	47th Ave. South	Street end	2/16/2022	8:42	High	7:51	35.0		31	Grab
E22-0278	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	2/16/2022	8:53	High	7:51	35.0		20	Grab
E22-0279	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	2/16/2022	9:04	High	7:51	34.9		20	Grab
E22-0280	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	2/16/2022	9:13	High	7:51	34.8		10	Grab
E22-0280	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	2/16/2022	9:13	High	7:51	34.8		20	LD
E22-0281	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	2/16/2022	9:13	High	7:51	34.8		10	FD
E22-0282	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	2/16/2022	9:21	High	7:51	34.8		<10	Grab
E22-0283	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	2/16/2022	9:29	High	7:51	34.7		20	Grab
E22-0284	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	2/16/2022	9:46	High	7:51	34.7		20	Grab
E22-0285	WAC-03		WAC-03	30th Ave. North	Street end	2/16/2022	9:54	High	7:51	34.6		20	Grab
E22-0286	WAC-02		WAC-02	45th Ave. North	Street end	2/16/2022	10:01	High	7:51	34.8		10	Grab
E22-0287	WAC-01		WAC-01	59th Ave. North	Street end	2/16/2022	10:09	High	7:51	34.8		<10	Grab
E22-0319	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	2/23/2022	8:48	Low	7:07	33.1		134	Grab
E22-0320	WAC-09		WAC-09	47th Ave. South	Street end	2/23/2022	9:04	Low	7:07	34.3		<10	Grab
E22-0321	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	2/23/2022	9:14	Low	7:07	34.1		10	Grab
E22-0322	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	2/23/2022	9:26	Low	7:07	34.1		10	Grab
E22-0323	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	2/23/2022	9:49	Low	7:07	34.1		10	Grab
E22-0324	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	2/23/2022	9:51	Low	7:07	34.1		<10	Grab
E22-0325	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	2/23/2022	9:55	Low	7:07	34.1		<10	Grab
E22-0326	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	2/23/2022	10:06	High	12:48	34.1		<10	Grab
E22-0327	WAC-03		WAC-03	30th Ave. North	Street end	2/23/2022	10:15	High	12:48	34.1		10	Grab
E22-0328	WAC-02		WAC-02	45th Ave. North	Street end	2/23/2022	10:23	High	12:48	33.9		20	Grab
E22-0329	WAC-01		WAC-01	59th Ave. North	Street end	2/23/2022	10:32	High	12:48	34.0		<10	Grab
E22-0329	WAC-01		WAC-01	59th Ave. North	Street end	2/23/2022	10:32	High	12:48	34.0		<10	LD
E22-0330	WAC-01		WAC-01	59th Ave. North	Street end	2/23/2022	10:32	High	12:48	34.0		<10	FD



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E22-0021	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	1/4/2022	10:33	High	9:20	34.9		183	Grab
E22-0022	WAC-09		WAC-09	47th Ave. South	Street end	1/4/2022	10:49	High	9:20	34.9		161	Grab
E22-0023	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	1/4/2022	10:57	High	9:20	34.8		109	Grab
E22-0024	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	1/4/2022	11:07	High	9:20	34.8		231	Grab
E22-0025	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	1/4/2022	11:19	High	9:20	34.8		85	Grab
E22-0026	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	1/4/2022	11:24	High	9:20	34.8		121	Grab
E22-0026	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	1/4/2022	11:24	High	9:20	34.8		52	LD
E22-0027	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	1/4/2022	11:24	High	9:20	34.8		86	FD
E22-0028	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	1/4/2022	11:32	High	9:20	34.8		108	Grab
E22-0029	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	1/4/2022	11:42	High	9:20	34.8		74	Grab
E22-0030	WAC-03		WAC-03	30th Ave. North	Street end	1/4/2022	11:51	High	9:20	34.8		75	Grab
E22-0031	WAC-02		WAC-02	45th Ave. North	Street end	1/4/2022	11:59	High	9:20	34.9		52	Grab
E22-0032	WAC-01		WAC-01	59th Ave. North	Street end	1/4/2022	12:07	High	9:20	34.9		20	Grab
E22-0069	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	1/12/2022	6:53	High	3:50	33.1		420	Grab
E22-0069	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	1/12/2022	6:53	High	3:50	33.1		331	LD
E22-0070	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	1/12/2022	6:53	High	3:50	33.0		464	FD
E22-0071	WAC-09		WAC-09	47th Ave. South	Street end	1/12/2022	7:08	Low	10:20	35.4		31	Grab
E22-0072	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	1/12/2022	7:16	Low	10:20	35.3		30	Grab
E22-0073	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	1/12/2022	7:28	Low	10:20	35.3		30	Grab
E22-0074	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	1/12/2022	7:36	Low	10:20	35.3		<10	Grab
E22-0075	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	1/12/2022	7:43	Low	10:20	35.3		<10	Grab
E22-0076	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	1/12/2022	7:51	Low	10:20	35.3		20	Grab
E22-0077	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	1/12/2022	8:00	Low	10:20	35.1		31	Grab
E22-0078	WAC-03		WAC-03	30th Ave. North	Street end	1/12/2022	8:08	Low	10:20	34.9		<10	Grab
E22-0079	WAC-02		WAC-02	45th Ave. North	Street end	1/12/2022	8:15	Low	10:20	34.8		<10	Grab
E22-0080	WAC-01		WAC-01	59th Ave. North	Street end	1/12/2022	8:25	Low	10:20	34.8		<10	Grab
E22-0105	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	1/18/2022	10:00	High	8:15	34.9		31	Grab



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E22-0106	WAC-09		WAC-09	47th Ave. South	Street end	1/18/2022	10:15	High	8:15	35.2		10	Grab
E22-0107	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	1/18/2022	10:24	High	8:15	35.0		<10	Grab
E22-0108	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	1/18/2022	10:35	High	8:15	34.9		30	Grab
E22-0109	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	1/18/2022	10:48	High	8:15	34.9		52	Grab
E22-0110	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	1/18/2022	10:55	High	8:15	35.0		31	Grab
E22-0111	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	1/18/2022	11:02	High	8:15	35.0		10	Grab
E22-0112	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	1/18/2022	11:10	High	8:15	35.0		<10	Grab
E22-0113	WAC-03		WAC-03	30th Ave. North	Street end	1/18/2022	11:21	High	8:15	35.1		10	Grab
E22-0113	WAC-03		WAC-03	30th Ave. North	Street end	1/18/2022	11:21	High	8:15	35.1		31	LD
E22-0114	WAC-03		WAC-03	30th Ave. North	Street end	1/18/2022	11:21	High	8:15	35.0		20	FD
E22-0115	WAC-02		WAC-02	45th Ave. North	Street end	1/18/2022	11:29	Low	14:36	35.2		10	Grab
E22-0116	WAC-01		WAC-01	59th Ave. North	Street end	1/18/2022	11:38	Low	14:36	35.2		<10	Grab
E22-0153	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	1/26/2022	7:57	Low	8:31	33.5		259	Grab
E22-0154	WAC-09		WAC-09	47th Ave. South	Street end	1/26/2022	8:15	Low	8:31	35.4		10	Grab
E22-0155	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	1/26/2022	8:25	Low	8:31	35.3		10	Grab
E22-0156	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	1/26/2022	8:45	Low	8:31	35.3		10	Grab
E22-0157	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	1/26/2022	9:00	Low	8:31	35.4		<10	Grab
E22-0158	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	1/26/2022	9:09	Low	8:31	35.3		<10	Grab
E22-0159	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	1/26/2022	9:21	Low	8:31	35.3		<10	Grab
E22-0159	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	1/26/2022	9:21	Low	8:31	35.3		20	LD
E22-0160	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	1/26/2022	9:21	Low	8:31	35.3		20	FD
E22-0161	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	1/26/2022	9:31	Low	8:31	35.3		10	Grab
E22-0162	WAC-03		WAC-03	30th Ave. North	Street end	1/26/2022	9:41	Low	8:31	35.4		10	Grab
E22-0163	WAC-02		WAC-02	45th Ave. North	Street end	1/26/2022	9:49	Low	8:31	35.4		10	Grab
E22-0164	WAC-01		WAC-01	59th Ave. North	Street end	1/26/2022	10:00	Low	8:31	35.2		20	Grab