

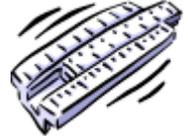
PUBLIC WORKS DEPARTMENT

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



September 2021

Public Works Department

Monthly Statistics for September

	2021	2020
Water Supply & Use		
• Average Daily Water Use	7.9 MGD	6.9 MGD
• Water Pumped	245,313,950 Gallons	212,661,900 Gallons
• Water Billed**	228,508,000 Gallons	198,511,000 Gallons
Wastewater Treatment		
• Average Daily Sewer Treated	5.2 MGD	3.9 MGD
• Peak Daily Sewer Treated	7.9 MGD	7.3 MGD
• Sewer Pumped	185,540,000 Gallons	160,910,000 Gallons
• Sewer Billed**	170,390,000 Gallons	146,670,000 Gallons
Utility Locate Requests	322	264
Solid Waste Collection & Disposal		
• Volume		
○ MSW	1,586 Tons	1,505 Tons
○ Yard Waste	326 Tons	575 Tons
○ Recycled (Includes E-Waste)	248 Tons	213 Tons
○ C & D	118 Tons	325 Tons
○ Total Pick-up/Disposal	2,278 Tons	2,618 Tons
• Recycling %	16%	14%
• Landfill Disposal Cost	\$71,099	\$76,637

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		
Riverside Drive Sewer	Riverside Dr. LRN Rd. to end	City	Impact	Construction 98%	Complete Road Repairs
		CL Benton	\$913,000		
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	Bids Received	Negotiate Award
		RH Moore	\$3,000,000		
Myrtle Beach Water Transmission Main	Myrtle Beach	MB	Impact	Preliminary Design & Route	Continue
		DDC	TBD		
LRN Water Line & Tank	Little River Neck Road	City and TBD	Impact	Preliminary Design Complete	Site Selection & Tank Design
		TBD	TBD		
Jacks Circle & Harrelson Water Line	Little River Neck	City	RIA/County	Design 50%	Hold for Grant
		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	\$700,000		
18 th Avenue North Ocean Outfall	Ocean Drive	DDC	Stormwater	Bid Summer 2022	Construction Start Fall 2022
		TBD	TBD		

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	Bid October	Award Contract
		City	TBD		
1 st Ave South Parking Lot	Ocean Drive	HRT	Capital	Survey/Design	Prepare Contract for Bid
		TBD	TBD		
Cherry Grove Parking Lots	Near 62 nd Ave N. Cherry Grove	HRT	Capital	Survey/Design	Continue
		TBD	TBD		

Street Improvements

Description	Location	Design	Fund	Status	Progress & Goal
		Construction	Cost		
South Ocean Blvd Widening Crescent Beach	17 th Ave S to 28 th Ave S	Stantec	SCDOT - GSATS	Construction Complete	Final SCDOT Reimbursement
		RH Moore	\$4,600,000		
Resurfacing – 2019	Various	City	Street Improvement/CTC	Complete	CTC Reimbursement
		Southern Asphalt	\$1,300,000		
2 nd Avenue North Widening & Paving	Highway 17 at 2 nd Avenue North	City	St. Imp./CTC	Design	Bid November
		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 Fall 2021
		TBD	TBD		
LRN Road Path	LRN Road	HRT	GSATS/Horry/NMB	SCDOT Approval for Construction	Bid November
		TBD	\$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 2021	Various	City	Street Imp./CTC	Bid	Award Contract November
		TBD	\$1,750,000		
Champions Blvd. Extension	Sports Park	Design/Build	Park	Preliminary Design	Schedule with Park Expansion
		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	Permit Received	Prepare Construction Contract & Bid
		Coastal Dredging	TBD		
Cherry Grove Mechanical Dredge	Cherry Grove	Beam Assoc.	CG Dredge	Contract Awarded	Begin Construction
		TBD	TBD		
Cherry Grove Maintenance Dredge	Cherry Grove	Beam & Assoc.	CG Dredge	Design	Permit Application
		TMD	TBD		
Sanitation Facility Improvements	2 nd Avenue South	HRT	Sanitation	Design 80%	Continue Design
		TBD	TBD		
Street Dept. Warehouse	Barefoot Resort Bridge Road	HRT	Street Imp.	Partial Occupied	Continue Phased Construction
		TBD	TBD		
45 th , 48 th , 49 th Ave N. Seawalls	Cherry Grove	HRT	CG Dredge	Award Contract	Begin Construction
		Seven Seas Const.	\$120,000		



**North Myrtle Beach - Ocean Monitoring
Official Results for July 2021**

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
E21-1112	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	7/7/2021	9:34	High	6:58	34.3		30	Grab
E21-1113	WAC-09		WAC-09	47th Ave. South	Street end	7/7/2021	9:49	High	6:58	34.8		<10	Grab
E21-1114	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	7/7/2021	9:55	High	6:58	34.8		<10	Grab
E21-1115	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	7/7/2021	10:07	Low	12:56	34.8		10	Grab
E21-1116	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	7/7/2021	10:14	Low	12:56	34.8		10	Grab
E21-1117	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	7/7/2021	10:20	Low	12:56	34.9		10	Grab
E21-1118	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	7/7/2021	10:28	Low	12:56	34.9		10	Grab
E21-1119	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	7/7/2021	10:37	Low	12:56	34.9		<10	Grab
E21-1120	WAC-03		WAC-03	30th Ave. North	Street end	7/7/2021	10:45	Low	12:56	34.9		31	Grab
E21-1121	WAC-02		WAC-02	45th Ave. North	Street end	7/7/2021	10:52	Low	12:56	35.0		<10	Grab
E21-1121	WAC-02		WAC-02	45th Ave. North	Street end	7/7/2021	10:52	Low	12:56	35.0		<10	LD
E21-1122	WAC-02		WAC-02	45th Ave. North	Street end	7/7/2021	10:52	Low	12:56	35.0		<10	FD
E21-1123	WAC-01		WAC-01	59th Ave. North	Street end	7/7/2021	11:00	Low	12:56	35.0		<10	Grab
E21-1160	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	7/14/2021	7:37	Low	5:55	29.5		1,529	Grab
E21-1161	WAC-09		WAC-09	47th Ave. South	Street end	7/14/2021	7:52	Low	5:55	34.0		86	Grab
E21-1162	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	7/14/2021	7:59	Low	5:55	33.9		<10	Grab
E21-1163	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	7/14/2021	8:09	Low	5:55	34.0		<10	Grab
E21-1163	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	7/14/2021	8:09	Low	5:55	34.0		<10	LD
E21-1164	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	7/14/2021	8:09	Low	5:55	33.9		10	FD
E21-1165	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	7/14/2021	8:17	Low	5:55	34.2		<10	Grab
E21-1166	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	7/14/2021	8:24	Low	5:55	34.2		<10	Grab
E21-1167	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	7/14/2021	8:31	Low	5:55	34.1		<10	Grab
E21-1168	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	7/14/2021	8:40	Low	5:55	34.1		<10	Grab
E21-1169	WAC-03		WAC-03	30th Ave. North	Street end	7/14/2021	8:49	Low	5:55	33.9		10	Grab
E21-1170	WAC-02		WAC-02	45th Ave. North	Street end	7/14/2021	8:55	Low	5:55	34.1		<10	Grab
E21-1171	WAC-01		WAC-01	59th Ave. North	Street end	7/14/2021	9:04	High	11:58	34.3		<10	Grab
E21-1205	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	7/21/2021	7:16	High	5:54	34.4		74	Grab

Amanda Swanson



**North Myrtle Beach - Ocean Monitoring
Official Results for July 2021**

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
E21-1205	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	7/21/2021	7:16	High	5:54	34.4		134	LD
E21-1206	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	7/21/2021	7:16	High	5:54	34.4		158	FD
E21-1207	WAC-09		WAC-09	47th Ave. South	Street end	7/21/2021	7:30	High	5:54	34.6		10	Grab
E21-1208	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	7/21/2021	7:37	High	5:54	34.7		20	Grab
E21-1209	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	7/21/2021	7:46	High	5:54	34.6		20	Grab
E21-1210	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	7/21/2021	7:53	High	5:54	34.7		<10	Grab
E21-1211	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	7/21/2021	7:58	High	5:54	34.6		<10	Grab
E21-1212	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	7/21/2021	8:04	High	5:54	34.7		31	Grab
E21-1213	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	7/21/2021	8:14	High	5:54	34.4		52	Grab
E21-1214	WAC-03		WAC-03	30th Ave. North	Street end	7/21/2021	8:22	High	5:54	34.4		20	Grab
E21-1215	WAC-02		WAC-02	45th Ave. North	Street end	7/21/2021	8:29	High	5:54	34.6		171	Grab
E21-1216	WAC-01		WAC-01	59th Ave. North	Street end	7/21/2021	8:37	High	5:54	34.7		10	Grab
E21-1250	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	7/28/2021	7:37	Low	6:09	32.0		288	Grab
E21-1251	WAC-09		WAC-09	47th Ave. South	Street end	7/28/2021	7:50	Low	6:09	33.9		63	Grab
E21-1252	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	7/28/2021	7:57	Low	6:09	34.0		20	Grab
E21-1253	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	7/28/2021	8:06	Low	6:09	33.9		30	Grab
E21-1254	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	7/28/2021	8:14	Low	6:09	33.8		10	Grab
E21-1255	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	7/28/2021	8:19	Low	6:09	33.8		<10	Grab
E21-1256	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	7/28/2021	8:26	Low	6:09	34.0		31	Grab
E21-1257	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	7/28/2021	8:35	Low	6:09	33.9		75	Grab
E21-1258	WAC-03		WAC-03	30th Ave. North	Street end	7/28/2021	8:44	Low	6:09	33.9		10	Grab
E21-1258	WAC-03		WAC-03	30th Ave. North	Street end	7/28/2021	8:44	Low	6:09	33.9		10	LD
E21-1259	WAC-03		WAC-03	30th Ave. North	Street end	7/28/2021	8:44	Low	6:09	34.0		<10	FD
E21-1260	WAC-02		WAC-02	45th Ave. North	Street end	7/28/2021	8:50	Low	6:09	33.9		<10	Grab
E21-1261	WAC-01		WAC-01	59th Ave. North	Street end	7/28/2021	8:58	Low	6:09	33.9		<10	Grab

Amanda Sursum



**North Myrtle Beach - Ocean Monitoring
Official Results for August 2021**

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
E21-1289	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	8/4/2021	7:32	High	5:35	29.9		2,382	Grab
E21-1290	WAC-09		WAC-09	47th Ave. South	Street end	8/4/2021	7:45	High	5:35	34.1		30	Grab
E21-1291	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	8/4/2021	7:51	High	5:35	34.4		31	Grab
E21-1292	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	8/4/2021	8:01	High	5:35	34.4		41	Grab
E21-1293	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	8/4/2021	8:08	High	5:35	34.4		75	Grab
E21-1294	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	8/4/2021	8:15	High	5:35	34.3		31	Grab
E21-1294	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	8/4/2021	8:15	High	5:35	34.4		41	LD
E21-1295	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	8/4/2021	8:15	High	5:35	34.4		63	FD
E21-1296	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	8/4/2021	8:22	High	5:35	34.5		20	Grab
E21-1297	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	8/4/2021	8:31	High	5:35	34.4		10	Grab
E21-1298	WAC-03		WAC-03	30th Ave. North	Street end	8/4/2021	8:40	Low	11:35	32.9		10	Grab
E21-1299	WAC-02		WAC-02	45th Ave. North	Street end	8/4/2021	8:47	Low	11:35	33.1		10	Grab
E21-1300	WAC-01		WAC-01	59th Ave. North	Street end	8/4/2021	8:55	Low	11:35	33.6		10	Grab
E21-1334	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	8/11/2021	7:23	Low	4:46	33.4		121	Grab
E21-1335	WAC-09		WAC-09	47th Ave. South	Street end	8/11/2021	7:42	Low	4:46	33.8		10	Grab
E21-1335	WAC-09		WAC-09	47th Ave. South	Street end	8/11/2021	7:42	Low	4:46	33.8		52	LD
E21-1336	WAC-09		WAC-09	47th Ave. South	Street end	8/11/2021	7:42	Low	4:46	33.8		10	FD
E21-1337	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	8/11/2021	7:48	Low	4:46	33.7		63	Grab
E21-1338	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	8/11/2021	7:57	High	10:51	33.7		30	Grab
E21-1339	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	8/11/2021	8:05	High	10:51	33.6		10	Grab
E21-1340	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	8/11/2021	8:11	High	10:51	33.7		<10	Grab
E21-1341	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	8/11/2021	8:19	High	10:51	33.7		10	Grab
E21-1342	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	8/11/2021	8:27	High	10:51	33.6		<10	Grab
E21-1343	WAC-03		WAC-03	30th Ave. North	Street end	8/11/2021	8:35	High	10:51	33.6		<10	Grab
E21-1344	WAC-02		WAC-02	45th Ave. North	Street end	8/11/2021	8:41	High	10:51	33.5		20	Grab
E21-1345	WAC-01		WAC-01	59th Ave. North	Street end	8/11/2021	8:49	High	10:51	33.5		<10	Grab
E21-1388	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	8/18/2021	7:35	High	4:40	30.8		2,310	Grab

Amanda Swanson



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Official Results for August 2021**

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E21-1389	WAC-09		WAC-09	47th Ave. South	Street end	8/18/2021	7:49	High	4:40	32.5		183	Grab
E21-1390	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	8/18/2021	7:55	Low	11:01	32.4		62	Grab
E21-1390	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	8/18/2021	7:55	Low	11:01	32.5		73	LD
E21-1391	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	8/18/2021	7:55	Low	11:01	32.4		52	FD
E21-1392	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	8/18/2021	8:03	Low	11:01	32.2		121	Grab
E21-1393	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	8/18/2021	8:11	Low	11:01	32.0		52	Grab
E21-1394	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	8/18/2021	8:17	Low	11:01	32.1		10	Grab
E21-1395	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	8/18/2021	8:24	Low	11:01	31.7		10	Grab
E21-1396	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	8/18/2021	8:30	Low	11:01	31.5		96	Grab
E21-1397	WAC-03		WAC-03	30th Ave. North	Street end	8/18/2021	8:38	Low	11:01	31.2		52	Grab
E21-1398	WAC-02		WAC-02	45th Ave. North	Street end	8/18/2021	8:48	Low	11:01	31.3		63	Grab
E21-1399	WAC-01		WAC-01	59th Ave. North	Street end	8/18/2021	8:56	Low	11:01	31.3		62	Grab
E21-1435	WAC-09A		WAC-09A	White Pt. Swash	Swash confluence	8/25/2021	8:02	High	10:55	34.3		52	Grab
E21-1436	WAC-09		WAC-09	47th Ave. South	Street end	8/25/2021	8:15	High	10:55	34.8		<10	Grab
E21-1437	WAC-08		WAC-08	33rd Ave. South	Street end and pipe discharge	8/25/2021	8:22	High	10:55	34.8		30	Grab
E21-1438	WAC-07		WAC-07	17th Ave. South	Street end and pipe discharge	8/25/2021	8:30	High	10:55	34.7		10	Grab
E21-1439	WAC-06		WAC-06	9th Ave. South	Street end and pipe discharge	8/25/2021	8:39	High	10:55	34.7		20	Grab
E21-1440	WAC-05A		WAC-05A	7th Ave. South	Street end and pipe discharge	8/25/2021	8:44	High	10:55	34.8		<10	Grab
E21-1441	WAC-05		WAC-05	3rd Ave. North	Street end and pipe discharge	8/25/2021	8:51	High	10:55	34.5		41	Grab
E21-1442	WAC-04		WAC-04	16th Ave. North	Street end and pipe discharge	8/25/2021	8:59	High	10:55	34.8		<10	Grab
E21-1443	WAC-03		WAC-03	30th Ave. North	Street end	8/25/2021	9:07	High	10:55	34.6		20	Grab
E21-1444	WAC-02		WAC-02	45th Ave. North	Street end	8/25/2021	9:14	High	10:55	34.9		10	Grab
E21-1445	WAC-01		WAC-01	59th Ave. North	Street end	8/25/2021	9:22	High	10:55	34.9		10	Grab
E21-1445	WAC-01		WAC-01	59th Ave. North	Street end	8/25/2021	9:22	High	10:55	34.9		<10	LD
E21-1446	WAC-01		WAC-01	59th Ave. North	Street end	8/25/2021	9:22	High	10:55	34.7		10	FD

Amanda Sursum