

# ***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***



***May 2022***

# Public Works Department

## Monthly Statistics for April

|  | 2022                | 2021                |
|--|---------------------|---------------------|
| <b>Water Supply &amp; Use</b>                |                     |                     |
| • Average Daily Water Use                    | 6.0 MGD             | 5.7 MGD             |
| • Water Pumped                               | 185,404,750 Gallons | 176,202,850 Gallons |
| • Water Billed**                             | 99,506,000 Gallons  | 97,103,000 Gallons  |
| <b>Wastewater Treatment</b>                  |                     |                     |
| • Average Daily Sewer Treated                | 3.5 MGD             | 4.0 MGD             |
| • Peak Daily Sewer Treated                   | 8.1 MGD             | 6.2 MGD             |
| • Sewer Pumped                               | 104,660,000 Gallons | 119,960,000 Gallons |
| • Sewer Billed**                             | 83,966,000 Gallons  | 97,103,000 Gallons  |
| <b>Utility Locate Requests</b>               | 392                 | 327                 |
| <b>Solid Waste Collection &amp; Disposal</b> |                     |                     |
| • Volume                                     |                     |                     |
| ○ MSW  | 1,185 Tons          | 1,254 Tons          |
| ○ Yard Waste                                 | 428 Tons            | 503 Tons            |
| ○ Recycled (Includes E-Waste)                | 226 Tons            | 223 Tons            |
| ○ C & D                                      | 124 Tons            | 118 Tons            |
| ○ Total Pick-up/Disposal                     | 1,963 Tons          | 2,098 Tons          |
| • Recycling %                                | 19%                 | 18%                 |
| • Landfill Disposal Cost                     | \$58,404            | \$61,810            |

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         | Material Supply Delay       | Begin Construction Fall      |
|                                      |                               | 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              |
|                                      |                               | 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<br>Drainage Imp             | Various     | City         | Stormwater   | Survey/Design       | Design, Permits,<br>Easements                       |
|  |             | TBD          | \$1,000,000  |                     |   |
| 18 <sup>th</sup> Avenue North<br>Ocean Outfall | Ocean Drive | DDC          | Stormwater   | Prequalify Complete | Permit 16 <sup>th</sup> N Access<br>Bid July/August |
|  |             | 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 | P&R to Bid                         |
|   |   | TBD                     | TBD       |                      |                                    |
| Beach Parking Street<br>End Imp.                                    | Ocean Drive                                     | HRT                     | Capital   | 95% Complete         | Complete Electric                  |
|   |   | Waccamaw<br>Landscaping | \$140,000 |                      |                                    |
| 1 <sup>st</sup> Ave South<br>Parking Lot                            | Ocean Drive                                     | HRT                     | Capital   | Under Construction   | Complete Cleanup &<br>Temp Parking |
|   |   | JMEC Construction       | TBD       |                      |                                    |
| Cherry Grove<br>Parking Lots  | Near 62 <sup>nd</sup> Ave N.<br>Cherry Grove    | HRT                     | Capital   | Design 75%           | OCRM Permit                        |
|   |   | TBD                     | TBD       |                      |                                    |
| Tricia Lynn   | Windy Hill                                      | HRT                     | Capital   | Under Construction   | Continue                           |
|   |   | JMEC Construction       | TBD       |                      |                                    |
| 28 <sup>th</sup> Avenue South                                       | Crescent Beach                                  | HRT                     | Capital   | Begin Clearing       | Continue                           |
|   |   | AO Hardee               | \$180,000 |                      |                                    |
| Parking Lot at<br>Heritage Dr. North<br>52 <sup>nd</sup> Ave. North | Heritage Dr. & 52 <sup>nd</sup><br>Avenue North | HRT                     | Capital   | Temp Lot Complete    | Continue Design                    |
|   |   | City PW                 | 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    | Permit & Bid              |
|  |  | TBD              | TBD             |                    |                           |
| Hwy 17 & 27 <sup>th</sup> Ave S Intersection   | Highway 17 @ 27 <sup>th</sup> S                          | SCDOT            | GSATS           | Design & R/W       | Construction Funding 2024 |
|  |  | TBD              | \$1,850,000     |                    |                           |
| NOB ECT  | Cherry Grove - 29th N to 35th N                          | Mead & Hunt      | Franchise Fund  | Revise Plans       | Bid 2022                  |
|  |  | TBD              | TBD             |                    |                           |
| LRN Road Path                                  | LRN Road   | HRT              | GSATS/Horry/NMB | Under Construction | Continue                  |
|  |  | 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       | Continue                  |
|  |  | Southern Asphalt | \$1,500,000     |                    |                           |
| Champions Blvd. Extension                      | Sports Park  | Design/Build     | Street Imp.     | Complete Contract  | Begin Design              |
|  |  | AO Hardee        | TBD             |                    |                           |

### *Building/Park Improvements*

| Description  | Location                     | Design            | Fund               | Status             | Progress & Goal       |
|--|------------------------------|-------------------|--------------------|--------------------|-----------------------|
|  |                              | Construction      | Cost               |                    |                       |
| Heritage Point Seawall   | Cherry Grove                 | HRT               | Park               | Design Complete    | Permit                |
|  |                              | TBD               | TBD                |                    |                       |
| CG Barge Ramp & Seawall  | Cherry Grove                 | Beam Assoc.       | CG Dredge          | Under Construction | Continue              |
|  |                              | TBD               | TBD                |                    |                       |
|  |                              |                   |                    |                    |                       |
| Cherry Grove Maintenance Dredge  | Cherry Grove                 | Beam & Assoc.     | CG Dredge          | Acquire Easements  | Bid July              |
|  |                              | TBD               | \$4,000,000        |                    |                       |
| Sanitation Facility Improvements                                       | 2 <sup>nd</sup> Avenue South | HRT               | Sanitation Capital | Design 90%         | Bid 2022              |
|  |                              | TBD               | TBD                |                    |                       |
| 45 <sup>th</sup> , 48 <sup>th</sup> , 49 <sup>th</sup> Ave N. Seawalls | Cherry Grove                 | HRT               | CG Dredge          | 75% 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        |



**North Myrtle Beach - Ocean Monitoring  
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        |