

PUBLIC WORKS DEPARTMENT

Monthly Report

Kevin D. Blayton, PE
Director



ENGINEERING DIVISION
Dana Hamilton, PE, Engineering Manager



UTILITY DIVISION
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



November 2023

Public Works Department

Monthly Statistics for November

| | 2023 | 2022 |
|--|---------------------|---------------------|
| Water Supply & Use | | |
| • Average Daily Water Use | 8.6 MGD | 8.4 MGD |
| • Water Pumped | 267,710,350 Gallons | 260,235,700 Gallons |
| • Water Billed** | 189,211,000 Gallons | 202,333,000 Gallons |
| Wastewater Treatment | | |
| • Average Daily Sewer Treated | 4.6 MGD | 5.4 MGD |
| • Peak Daily Sewer Treated | 6.3 MGD | 8.5 MGD |
| • Sewer Treated | 143,411,000 Gallons | 167,020,000 Gallons |
| • Sewer Billed** | 135,379,000 Gallons | 143,285,000 Gallons |
| Utility Locate Requests | 371 | 324 |
| Solid Waste Collection & Disposal | | |
| • Volume | | |
| ○ MSW | 1,750 Tons | 1,781 Tons |
| ○ Yard Waste | 318 Tons | 314 Tons |
| ○ Recycled (Includes E-Waste) | 252 Tons | 275 Tons |
| ○ C & D | 95 Tons | 110 Tons |
| ○ Total Pick-up/Disposal | 2,415 Tons | 24823 Tons |
| • Recycling % | 14% | 16% |
| • Landfill Disposal Cost | \$79,921 | \$78,279 |

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 | RIA/Impact | RIA Grant Awarded | Negotiate Agreement with Consultant |
| | | TBD | 10,000,000 | | |
| Water Tank & BPS Improvements | Bridge Road @ Windy Hill Ext. | TBD | RIA/Impact | RIA Grant Mtg Awarded | Negotiate Agreement with Consultant |
| | | TBD | 6,500,000 | | |
| North End Water Transmission | Vereen Road | TBD | Impact | Preliminary Design | Select Engineer |
| | | TBD | \$2,000,000 | | |
| Sewer Force Main Replacement | Cherry Grove & Ocean Drive | DDC | Impact | Construction | Complete |
| | | RH Moore | \$3,000,000 | | |
| Myrtle Beach Water Transmission | Myrtle Beach | Bolton & Mink | Impact | Phase I Design | MB Design & Construction |
| | | MB | TBD | | |
| LRN Elevated Tank | Little River Neck | City and TBD | Impact | Property Acquisition | Select Engineer |
| | | TBD | \$1,500,000 | | |
| LRN, Jacks Circle & Harrelson Water Line | Little River Neck | City | Horry Co. ARPA | Design 95% | Permits |
| | | TBD | \$1,500,000 | | |
| | | | | | |

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 | Bolton & Mink | Stormwater | Under Construction | 90% complete |
| | | Manson | \$26,900,000 | | |
| 18 th Avenue North Outfall - Landward | Ocean Drive | Bolton & Mink | SCOR/Stormwater | NPDES Issued | Obtain Easement & SCDOT Permit |
| | | TBD | \$6,500,000 | | |
| City Drainage Improvements | 13 th Ave. N; 3 rd Ave S | City | Stormwater | Under Construction | 95% |
| | | 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 | Construction Complete | Close-out |
| | | Coastal Asphalt | \$612,000 | | |
| Hwy 17 & 27 th Ave S Intersection | Highway 17 @ 27 th S | SCDOT | GSATS | Design & R/W | Construction Funding FY 2026 |
| | | TBD | \$4,000,000 | | |
| NOB ECT | Cherry Grove - 29 th N to 34 th N | Mead & Hunt | Franchise Fund | Under Construction | 30% |
| | | Greenwall Construction | \$3,100,000 | | |
| LRN Road Path | LRN Road | HRT | GSATS/Horry/NMB | Construction Complete | Complete Punch List & Close-out |
| | | Coastal Asphalt | \$1,000,000 | | |
| Edge Parkway Path Phase I | Edge Pkwy. | HRT | GSATS | FY 26 Funding | Begin Survey & Design |
| | | 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 | Plan Complete | Permit & Bid |
| | | TBD | \$2,000,000 | | |
| Champions Blvd. Extension Ph. 2 | Bourne Trail | Thomas & Hutton | Street Imp. | Permit Issued | Begin Construction |
| | | AO Hardee | \$5,000,000 | | |
| Champions Blvd. Extension Ph. 3 | Long Bay Rd. | Thomas & Hutton | Street Imp. | Design – 75% | Pricing |
| | | TBD | \$3,500,000 | | |
| 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 | | |
| Water Tower Road Improvements | Water Tower Rd | DRG | CTC | Under Construction | 90% Complete |
| | | King Construction | \$242,000 | | |

Facility, Park & Land Improvements

| Description | Location | Design | Fund | Status | Progress & Goal |
|----------------------------------|------------------------------|----------------------|--------------------|------------------------------|---------------------------------|
| | | Construction | Cost | | |
| Heritage Point Seawall | Cherry Grove | Beam & Assoc. | Park | Construction Complete | Complete |
| | | Seven Seas Marine | \$315,000 | | |
| Cherry Grove Maintenance Dredge | Cherry Grove | Beam & Assoc. | CG Dredge | Construction Complete | Close out Claims |
| | | Michels Construction | \$2,700,000 | | |
| Sanitation Facility Improvements | 2 nd Avenue South | HRT | Sanitation Capital | Design 90% | Complete Spec & Bid |
| | | TBD | TBD | | |
| PS/Midcon Building | City /Midcon | HRT | Capital | Bidding | Install Water and Sewer Service |
| | | TBD | TBD | | |
| Beach Services Parking | City Hall Campus | HRT | Capital | Temporary Lot Complete | FY 25 Paving |
| | | TBD | TBD | | |
| McLean Park Restrooms | McLean Park | HRT | Capital | Edge Construction | Start Construction |
| | | TBD | TBD | | |
| Cherry Grove Restrooms | Cherry Grove | HRT | Capital | Awarded Edge Construction | Start Construction |
| | | | TBD | | |
| PW Utility Warehouse | Ocean Dr | HRT | Utility | Awarded Sellers Construction | Start Construction |
| | | TBT | TBD | | |

Beach Access & Parking Improvements

| Description | Location | Design | Fund | Status | Progress & Goal |
|---------------------------------------|---|-------------------|---------|--------------------|------------------------------------|
| | | Construction | Cost | | |
| 1 st Ave South Parking Lot | Ocean Drive | HRT | Capital | Rock Lot Complete | FY 2024 Paving |
| | | JMEC Construction | TBD | | |
| Cherry Grove Parking Lots | Near 62 nd Ave N. Cherry Grove | HRT | Capital | Under Construction | 75% |
| | | TBD | TBD | | |
| Tricia Lynn | Windy Hill | HRT | Capital | Rock Lot Complete | FY 2024 Paving |
| | | JMEC Construction | TBD | | |
| 28 th Avenue South | Crescent Beach | HRT | Capital | Rock Lot Complete | FY 2024 Paving |
| | | AO Hardee | TBD | | |
| Parking Lot | 6 th Ave. S. & SOB | City | Capital | 60% Complete | Remove Houses and complete FY 2024 |
| | | AO Hardee | TBD | | |



**North Myrtle Beach - Ocean Monitoring
Official Results for November 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 |
|----------------------|-------------------------|----------------------|--------------------------|------------------------|-------------------------------|-----------------|-----------------|---------------------|-------------------|----------------|-------------------|--|-------------|
| E23-1653 | WAC-09A | | WAC-09A | White Pt. Swash | Swash confluence | 11/1/2023 | 10:16 | High | 11:23 | 35.5 | | 10 | Grab |
| E23-1654 | WAC-09 | | WAC-09 | 47th Ave. South | Street end | 11/1/2023 | 10:30 | High | 11:23 | 35.5 | | <10 | Grab |
| E23-1655 | WAC-08 | | WAC-08 | 33rd Ave. South | Street end and pipe discharge | 11/1/2023 | 10:37 | High | 11:23 | 35.5 | | 10 | Grab |
| E23-1656 | WAC-07 | | WAC-07 | 17th Ave. South | Street end and pipe discharge | 11/1/2023 | 10:47 | High | 11:23 | 35.5 | | <10 | Grab |
| E23-1657 | WAC-06 | | WAC-06 | 9th Ave. South | Street end and pipe discharge | 11/1/2023 | 10:54 | High | 11:23 | 35.5 | | 10 | Grab |
| E23-1658 | WAC-05A | | WAC-05A | 7th Ave. South | Street end and pipe discharge | 11/1/2023 | 11:02 | High | 11:23 | 35.4 | | <10 | Grab |
| E23-1658 | WAC-05A | | WAC-05A | 7th Ave. South | Street end and pipe discharge | 11/1/2023 | 11:02 | High | 11:23 | 35.4 | | <10 | LD |
| E23-1659 | WAC-05A | | WAC-05A | 7th Ave. South | Street end and pipe discharge | 11/1/2023 | 11:02 | High | 11:23 | 35.4 | | <10 | FD |
| E23-1660 | WAC-05 | | WAC-05 | 3rd Ave. North | Street end and pipe discharge | 11/1/2023 | 11:09 | High | 11:23 | 35.3 | | 10 | Grab |
| E23-1661 | WAC-04 | | WAC-04 | 16th Ave. North | Street end and pipe discharge | 11/1/2023 | 11:19 | High | 11:23 | 35.2 | | <10 | Grab |
| E23-1662 | WAC-03 | | WAC-03 | 30th Ave. North | Street end | 11/1/2023 | 11:29 | High | 11:23 | 35.3 | | 10 | Grab |
| E23-1663 | WAC-02 | | WAC-02 | 45th Ave. North | Street end | 11/1/2023 | 11:34 | High | 11:23 | 35.2 | | <10 | Grab |
| E23-1664 | WAC-01 | | WAC-01 | 59th Ave. North | Street end | 11/1/2023 | 11:43 | High | 11:23 | 35.3 | | 10 | Grab |
| E23-1694 | WAC-09A | | WAC-09A | White Pt. Swash | Swash confluence | 11/8/2023 | 9:08 | Low | 10:11 | 35.5 | | 20 | Grab |
| E23-1695 | WAC-09 | | WAC-09 | 47th Ave. South | Street end | 11/8/2023 | 9:24 | Low | 10:11 | 35.5 | | 10 | Grab |
| E23-1695 | WAC-09 | | WAC-09 | 47th Ave. South | Street end | 11/8/2023 | 9:24 | Low | 10:11 | 35.5 | | <10 | LD |
| E23-1696 | WAC-09 | | WAC-09 | 47th Ave. South | Street end | 11/8/2023 | 9:24 | Low | 10:11 | 35.5 | | <10 | FD |
| E23-1697 | WAC-08 | | WAC-08 | 33rd Ave. South | Street end and pipe discharge | 11/8/2023 | 9:33 | Low | 10:11 | 35.5 | | <10 | Grab |
| E23-1698 | WAC-07 | | WAC-07 | 17th Ave. South | Street end and pipe discharge | 11/8/2023 | 9:45 | Low | 10:11 | 35.4 | | <10 | Grab |
| E23-1699 | WAC-06 | | WAC-06 | 9th Ave. South | Street end and pipe discharge | 11/8/2023 | 9:56 | Low | 10:11 | 35.4 | | <10 | Grab |
| E23-1700 | WAC-05A | | WAC-05A | 7th Ave. South | Street end and pipe discharge | 11/8/2023 | 10:05 | Low | 10:11 | 35.4 | | <10 | Grab |
| E23-1701 | WAC-05 | | WAC-05 | 3rd Ave. North | Street end and pipe discharge | 11/8/2023 | 10:15 | Low | 10:11 | 35.5 | | <10 | Grab |
| E23-1702 | WAC-04 | | WAC-04 | 16th Ave. North | Street end and pipe discharge | 11/8/2023 | 10:26 | Low | 10:11 | 35.5 | | <10 | Grab |
| E23-1703 | WAC-03 | | WAC-03 | 30th Ave. North | Street end | 11/8/2023 | 10:36 | Low | 10:11 | 35.5 | | <10 | Grab |
| E23-1704 | WAC-02 | | WAC-02 | 45th Ave. North | Street end | 11/8/2023 | 10:45 | Low | 10:11 | 35.5 | | <10 | Grab |
| E23-1705 | WAC-01 | | WAC-01 | 59th Ave. North | Street end | 11/8/2023 | 10:55 | Low | 10:11 | 35.5 | | <10 | Grab |
| E23-1729 | WAC-09A | | WAC-09A | White Pt. Swash | Swash confluence | 11/15/2023 | 8:52 | High | 8:57 | 35.6 | | 30 | Grab |



**North Myrtle Beach - Ocean Monitoring
Official Results for November 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 |
|----------------------|-------------------------|----------------------|--------------------------|------------------------|-------------------------------|-----------------|-----------------|---------------------|-------------------|----------------|-------------------|--|-------------|
| E23-1730 | WAC-09 | | WAC-09 | 47th Ave. South | Street end | 11/15/2023 | 9:02 | High | 8:57 | 35.5 | | 52 | Grab |
| E23-1731 | WAC-08 | | WAC-08 | 33rd Ave. South | Street end and pipe discharge | 11/15/2023 | 9:10 | High | 8:57 | 35.5 | | 30 | Grab |
| E23-1732 | WAC-07 | | WAC-07 | 17th Ave. South | Street end and pipe discharge | 11/15/2023 | 9:19 | High | 8:57 | 35.4 | | 52 | Grab |
| E23-1733 | WAC-06 | | WAC-06 | 9th Ave. South | Street end and pipe discharge | 11/15/2023 | 9:27 | High | 8:57 | 35.4 | | 10 | Grab |
| E23-1733 | WAC-06 | | WAC-06 | 9th Ave. South | Street end and pipe discharge | 11/15/2023 | 9:27 | High | 8:57 | 35.4 | | 30 | LD |
| E23-1734 | WAC-06 | | WAC-06 | 9th Ave. South | Street end and pipe discharge | 11/15/2023 | 9:27 | High | 8:57 | 35.4 | | 41 | FD |
| E23-1735 | WAC-05A | | WAC-05A | 7th Ave. South | Street end and pipe discharge | 11/15/2023 | 9:32 | High | 8:57 | 35.4 | | 10 | Grab |
| E23-1736 | WAC-05 | | WAC-05 | 3rd Ave. North | Street end and pipe discharge | 11/15/2023 | 9:38 | High | 8:57 | 35.4 | | 10 | Grab |
| E23-1737 | WAC-04 | | WAC-04 | 16th Ave. North | Street end and pipe discharge | 11/15/2023 | 9:46 | High | 8:57 | 35.3 | | 10 | Grab |
| E23-1738 | WAC-03 | | WAC-03 | 30th Ave. North | Street end | 11/15/2023 | 9:54 | High | 8:57 | 35.4 | | <10 | Grab |
| E23-1739 | WAC-02 | | WAC-02 | 45th Ave. North | Street end | 11/15/2023 | 10:04 | High | 8:57 | 35.4 | | 10 | Grab |
| E23-1740 | WAC-01 | | WAC-01 | 59th Ave. North | Street end | 11/15/2023 | 10:14 | High | 8:57 | 35.4 | | <10 | Grab |
| E23-1770 | WAC-09A | | WAC-09A | White Pt. Swash | Swash confluence | 11/20/2023 | 8:32 | Low | 7:13 | 32.5 | | 10 | Grab |
| E23-1771 | WAC-09 | | WAC-09 | 47th Ave. South | Street end | 11/20/2023 | 8:47 | Low | 7:13 | 35.0 | | 10 | Grab |
| E23-1772 | WAC-08 | | WAC-08 | 33rd Ave. South | Street end and pipe discharge | 11/20/2023 | 8:55 | Low | 7:13 | 35 | | 10 | Grab |
| E23-1773 | WAC-07 | | WAC-07 | 17th Ave. South | Street end and pipe discharge | 11/20/2023 | 9:06 | Low | 7:13 | 33.1 | | <10 | Grab |
| E23-1774 | WAC-06 | | WAC-06 | 9th Ave. South | Street end and pipe discharge | 11/20/2023 | 9:15 | Low | 7:13 | 35.0 | | <10 | Grab |
| E23-1775 | WAC-05A | | WAC-05A | 7th Ave. South | Street end and pipe discharge | 11/20/2023 | 9:22 | Low | 7:13 | 35.0 | | <10 | Grab |
| E23-1776 | WAC-05 | | WAC-05 | 3rd Ave. North | Street end and pipe discharge | 11/20/2023 | 9:30 | Low | 7:13 | 34.9 | | 10 | Grab |
| E23-1777 | WAC-04 | | WAC-04 | 16th Ave. North | Street end and pipe discharge | 11/20/2023 | 9:43 | Low | 7:13 | 35.0 | | 20 | Grab |
| E23-1778 | WAC-03 | | WAC-03 | 30th Ave. North | Street end | 11/20/2023 | 9:52 | Low | 7:13 | 35.0 | | <10 | Grab |
| E23-1778 | WAC-03 | | WAC-03 | 30th Ave. North | Street end | 11/20/2023 | 9:52 | Low | 7:13 | 35.0 | | <10 | LD |
| E23-1779 | WAC-03 | | WAC-03 | 30th Ave. North | Street end | 11/20/2023 | 9:52 | Low | 7:13 | 35.0 | | <10 | FD |
| E23-1780 | WAC-02 | | WAC-02 | 45th Ave. North | Street end | 11/20/2023 | 10:00 | Low | 7:13 | 35.1 | | <10 | Grab |
| E23-1781 | WAC-01 | | WAC-01 | 59th Ave. North | Street end | 11/20/2023 | 10:07 | Low | 7:13 | 35.1 | | <10 | Grab |
| E23-1802 | WAC-09A | | WAC-09A | White Pt. Swash | Swash confluence | 11/29/2023 | 10:06 | High | 9:11 | 35.3 | | <10 | Grab |
| E23-1803 | WAC-09 | | WAC-09 | 47th Ave. South | Street end | 11/29/2023 | 10:19 | High | 9:11 | 35.3 | | <10 | Grab |



**North Myrtle Beach - Ocean Monitoring
Official Results for November 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 |
|----------------------|-------------------------|----------------------|--------------------------|------------------------|-------------------------------|-----------------|-----------------|---------------------|-------------------|----------------|-------------------|--|-------------|
| E23-1804 | WAC-08 | | WAC-08 | 33rd Ave. South | Street end and pipe discharge | 11/29/2023 | 10:27 | High | 9:11 | 35.2 | | 10 | Grab |
| E23-1805 | WAC-07 | | WAC-07 | 17th Ave. South | Street end and pipe discharge | 11/29/2023 | 10:37 | High | 9:11 | 34.8 | | 10 | Grab |
| E23-1805 | WAC-07 | | WAC-07 | 17th Ave. South | Street end and pipe discharge | 11/29/2023 | 10:37 | High | 9:11 | 34.8 | | <10 | LD |
| E23-1806 | WAC-07 | | WAC-07 | 17th Ave. South | Street end and pipe discharge | 11/29/2023 | 10:37 | High | 9:11 | 34.8 | | 20 | FD |
| E23-1807 | WAC-06 | | WAC-06 | 9th Ave. South | Street end and pipe discharge | 11/29/2023 | 10:45 | High | 9:11 | 35.2 | | <10 | Grab |
| E23-1808 | WAC-05A | | WAC-05A | 7th Ave. South | Street end and pipe discharge | 11/29/2023 | 10:54 | High | 9:11 | 35.1 | | 10 | Grab |
| E23-1809 | WAC-05 | | WAC-05 | 3rd Ave. North | Street end and pipe discharge | 11/29/2023 | 11:00 | High | 9:11 | 35.1 | | 10 | Grab |
| E23-1810 | WAC-04 | | WAC-04 | 16th Ave. North | Street end and pipe discharge | 11/29/2023 | 11:09 | High | 9:11 | 35.2 | | 20 | Grab |
| E23-1811 | WAC-03 | | WAC-03 | 30th Ave. North | Street end | 11/29/2023 | 11:16 | High | 9:11 | 35.2 | | 10 | Grab |
| E23-1812 | WAC-02 | | WAC-02 | 45th Ave. North | Street end | 11/29/2023 | 11:22 | High | 9:11 | 35.1 | | 10 | Grab |
| E23-1813 | WAC-01 | | WAC-01 | 59th Ave. North | Street end | 11/29/2023 | 11:33 | High | 9:11 | 35.1 | | <10 | Grab |