



FY23 DE Coast Nourishment Rehoboth – Dewey – Bethany – S. Bethany & Fenwick Is. WEEKLY PROGRESS MEETING #18 Agenda

USACE Contract: Contract No. W912BU23C0002

WMI Contract #: 13220115

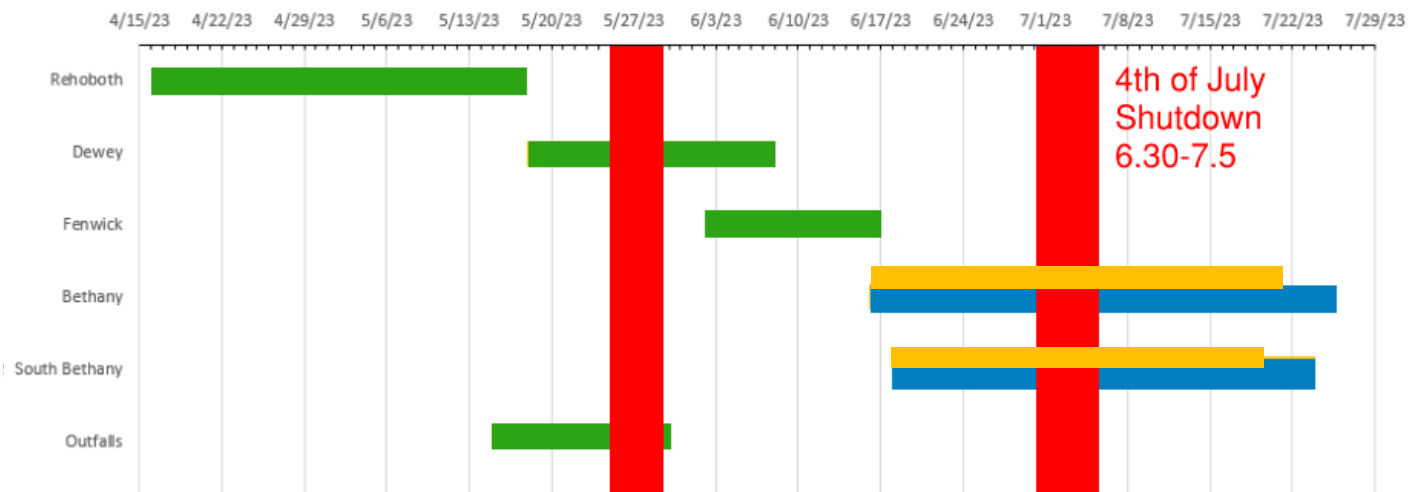
Date/Time & Loc: 6 July 2023 @ 1000 hrs. Bethany Beach Town Hall - 214 Garfield Pkwy, Bethany Beach, DE 19930

Join Microsoft Teams Meeting: Meeting ID: 270 462 350 673 Passcode: birQjh

Principle Attendees:

USACE, WMI, Rehoboth/Dewey/Bethany/South Bethany/Fenwick Officials, DNREC, ER&M, Walters, Tide, Seismic, OHI, GBA

Delaware Beaches Project Schedule



Activity	Estimated Start Window	Estimated Finish Window	Days	Status
Rehoboth	4/16/2023	5/18/2023	32	COMPLETE
Dewey	5/18/2023	6/8/2023	21	COMPLETE
Fenwick	6/2/2023	6/17/2023	15	COMPLETE
Bethany	6/16/2023	7/20/2023 7/18/2023	28	
South Bethany	6/18/2023	7/23/2023	36	
Outfalls	5/15/2023	5/30/2023		COMPLETE

Updated Dredge Schedule:

- Bethany Beach started 6/16.
 - RB is discharging in Bethany advancing north from Campbell Blvd.
- S. Bethany started 6/18.
- Mag is discharging in S. Bethany advancing south from S. 4th St. South Bethany is on schedule to finish ahead of Bethany and then both dredges will finish the project working on the Bethany line.

Crossovers:

- Pedestrian and Vehicular crossovers are completed in Rehoboth
 - Compaction tests, showing 90% or better, have been completed for all pedestrian and the vehicular access. Test results have been submitted to USACE.
- ADA construction at Maryland Ave is still in progress.
 - Crews are on site today installing handrails
- Crossover repairs will begin in Bethany at the completion of sand fence in Dewey.
 - If operations catch up to Beachfill the crew will work to begin fencing post install.

Sand Fence Install:

- Installation of sand fence and Post and Rope in Rehoboth was completed on 6/29.
- Sand Fence installation in Dewey Beach is planned to start Monday 7/10.
 - Small section of removal remaining in Dewey. Fence will be removed during installation.

Action Items since previous progress meeting:

- RFP – 0004 WMI submitted response to USACE, and it is in review.
- WMI removed the final 210' of subline that was broken off in South Bethany.
- A mag survey is scheduled to be run by GBA to verify that no pipe is remaining in this area.
 - GBA completed the mag survey and is currently processing the data.
- Dumpster in Rehoboth was removed prior to shut down

Demobilization:

- **Fenwick:**
 - Damage to asphalt at southern end of parking lot and damage to the beach access mat.
 - WMI is waiting quote from the paving company and WMI will provide the state with the funds for repairs.
 - WMI will cover the cost to replace the damaged mat at the Fenwick Ave access.
 - WMI will cover the cost to replace the damaged lifeguard stand.
- **Rehoboth:**
 - ER&M equipment consolidated and staged on the northside of the lot.
- **S. Bethany:**
 - Sand Fence materials have been delivered and are being staged until install.
- **Bethany Beach:**
 - Cedarwood Ln is coned off and being used as the Bethany staging/service area.
 - Dumpster is on the north side of the lot.
 - Water hookup is in place at the hydrant across the street.

Survey:

- **Dewey Beach:**
 - Surveys are completed.
 - Expected AD Volume to Date: 190,707 yd³.
 - Sent to USACE 6/29 to confirm.

- **Fenwick Beach:**
 - Surveys are completed.
 - Expected AD Volume to Date: 215,942 yd³.
 - Sent to USACE 6/28 to confirm.
- **S. Bethany Beach:**
 - Base quantity: 317,000 yds
 - Estimated quantity at completion: 332,482 yd³.
 - Estimated Overrun: 15,482 cys
 - Will update as new BDs are collected
 - Pre/Post Shutdown surveys were completed to extend BD/AD window on stations WMI had already placed material prior to shut down
 - Any accretion shown between 2 surveys will be deducted from pay
 - AD's: 20+00 - 29+00.
 - Comp. slope sta. 29+00 to 27+00.
- **Bethany Beach:**
 - Base quantity: 320,000 yd³.
 - Estimated quantity at completion from with refill: 332,261 yd³.
 - Estimated Overrun: 12,261 cys
 - Pre/Post Shutdown surveys were completed to extend BD/AD window on stations WMI had already placed material prior to shut down
 - Any accretion shown between 2 surveys will be deducted from pay
 - AD's: 29+00 - 45+00.
 - Comp. Slope sta. 29+00 and 35+00 to 36+00.

Beachfill & Dredging:

- **Bethany beach:**
 - Subline Landing: 28+50 (Campbell Place).
 - Advancing South to stop sta. 10+00 (Oakwood St).
 - Crossover closures: Central BLVD, Campbell PL, & Garfield PKWY.
 - MAG Loads to Date: 36
 - RB Loads to Date: 4
 - Loads Delivered to Date: 40
 - Estimated Pay to date (as of 6/29): 149,200 cys
- **S. Bethany:**
 - Subline Landing: 20+50 (S 4th St.).
 - Advancing North to stop sta. 40+00 (just north of N. 6th St).
 - Crossover closures: North Division, North 1st, 2nd, 3rd, 4th street
 - MAG Loads to Date: 9
 - RB Loads to Date: 24
 - Loads Delivered to Date: 33
 - Estimated Pay to date (as of 6/29): 112,460 cys

Outfalls:

- Final as-builds from Walters were submitted in RMS.

Structure Monitoring:

- Monitors are in place and collecting data in Bethany and South Bethany beaches.

Environmental Concerns:

- Bird monitoring surveys being conducted daily in Bethany and South Bethany.
- No sighting of piping plovers to date.
- Dredge Drag heads are being inspected after every load. No endangered wildlife reported to date.

OHI (MEC):

- OHI (MEC) Techs are onsite, conducting 24-hour coverage on both sites.
- Both Day boxes are currently empty.

Site Safety:

- Inspections for the month of July are ongoing.
- Security at both locations 24hrs.

Discuss other business, as appropriate:

- WMI working to provide missing DQM data.