



FY23 DE Coast Nourishment Rehoboth – Dewey – Bethany – S. Bethany & Fenwick Is. WEEKLY PROGRESS MEETING #17 Agenda

USACE Contract: Contract No. W912BU23C0002

WMI Contract #: 13220115

Date/Time & Loc: 29 June 2023 @ 1000 hrs. Bethany Beach Town Hall - 214 Garfield Pkwy, Bethany Beach, DE 19930

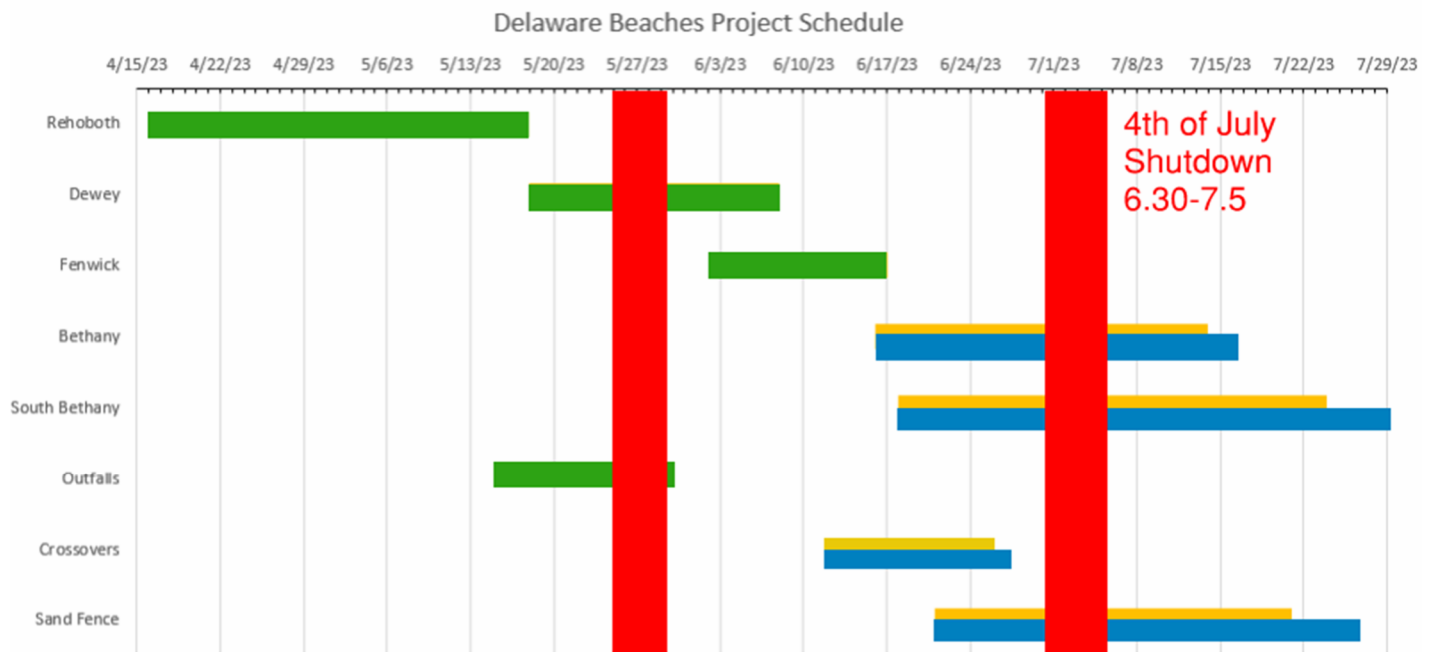
Join Microsoft Teams Meeting: Meeting ID: 270 462 350 673 Passcode: birQjh

Principle Attendees:

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

Updated Dredge Schedule:

- Bethany Beach started 6/16.
 - One more load to be discharged to close the storm repump.
- S. Bethany started 6/18.
 - Both dredges will be working here until Holiday shutdown.
- Rehoboth Crossover Repairs started 6/12.
- Rehoboth Sand Fence install started 6/21.



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	7/14/2023	28	
South Bethany	6/18/2023	7/24/2023	36	
Outfalls	5/15/2023	5/30/2023		COMPLETE
Crossovers	6/12/2023	6/26/2023		
Sand Fence	6/21/2023	7/21/2023	30	

Action Items since previous progress meeting:

- RFP – 0004 is in review by USACE.

Demobilization:

- **Fenwick:**
 - Damage to asphalt at north end of parking lot and damage to the beach access mat.
 - WMI will get a quote from the local paving company and 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.
 - WMI is still waiting on quotes for all of these.
- **Rehoboth:**
 - 6/21 – WMI made repairs to ripped fabric and dressed the stone and gravel. Pictures have been provided to the USACE.
 - Were Rehoboth Officials able to look at the area and was the fix accepted by the town?
 - ER&M equipment consolidated and staged on the northside of the lot.
 - The dumpster that's in staging area isn't WMI's.
- **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:

- **Rehoboth Beach:**
 - Surveys are completed.
 - Final quantity: 273,177 cys.
- **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 yd³.
 - BD's conducted 6/25 post storm.
 - Estimated quantity at completion from base work: 326,562 yd³.
 - Additional refill quantity: 5,920 yd³.
 - Estimated quantity at completion from with refill: 332,482 yd³.
 - AD's: S20+00-S26+00.
 - Refill: S20+00-S21+00.

- Overall loss from storm in template 6,593 yd³.
 - Pad AD's: 15+00-19+00.
 - Comp. slope sta. S24+00-S26+00.
- **Bethany Beach:**
 - Base quantity: 320,000 yd³.
 - BD's conducted 6/25 post storm.
 - Estimated quantity at completion from base work: 308,349 yd³.
 - Additional refill quantity: 23,912 yd³.
 - Estimated quantity at completion from with refill: 332,261 yd³.
 - AD's: 29+00-45+00.
 - Refill: 29+00-32+00.
 - Overall loss from storm 27,562 yd³.
 - Pad AD's: 28+00-24+00.

Beachfill & Dredging:

- Both Dredges currently on site and discharging to Bethany Beach.
- 4th of July shut down will be sometime today.
 - Beach Crews will consolidate all equipment and pipes on beach.
 - Bethany Beach will be between Central Ave and 1st St. with no street closures.
 - South Bethany Beach will be between S 1st St. and S 3rd St. with no street closures.
- **Rehoboth Beach:**
 - Beachfill completed.
- **Dewey Beach:**
 - Beachfill completed.
- **Fenwick Island beach:**
 - Beachfill completed.
- **Bethany beach:**
 - Subline Landing: 28+50 (Campbell Place).
 - Advancing north to stop sta. 45+00 (Ocean view park).
 - Crossover closures: Campbell Place & Central Blvd.
 - MAG Loads to Date: 34.
 - RB Loads to Date: 3.
 - Loads Delivered to Date: 37.
- **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 2nd St to South 2nd St
 - MAG Loads to Date: 6.
 - RB Loads to Date: 22.
 - Loads Delivered to Date: 28.

Outfalls:

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

Crossovers:

- Work started 6/12 in Rehoboth.
- Pedestrian Repairs from Delaware Ave (sta. 64+50) to Pennsylvania Ave. (sta. 33+00) have been completed.
- Vehicular Repairs at Lake Ave and Surf Ave have been completed.
- All Compaction tests, showing 90% or better, have been completed for all pedestrian and the vehicular access.
- ADA construction at Maryland Ave is in progress.
- Crossover repairs will begin in Bethany and S. Bethany at the completion of beachfill.

Sand Fence Install:

- Install in Rehoboth began on 6/21.
 - Crew started on the north end and are making their way south.
 - Crews began installing the Post and Rope at crossovers yesterday.
- Sand Fence install in Dewey beach will follow completion in Rehoboth.
 - Small section of removal remaining in Dewey. Fence will be removed during install.

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 MEC or Endangered wildlife reported to date. Repairs were made to the Mag draghead this week.

OHI (MEC):

- OHI (MEC) Techs are onsite, working 3-8hr shifts, conducting 24-hour coverage on both sites.
- Bofor 40mm round was found this week and was detonated on Bethany Beach by the Air Force EOD team on 6.28.23
- Both Day boxes are currently empty.

Site Safety:

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

Discuss other business, as appropriate:

- South Bethany parking for Demob.