



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

**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

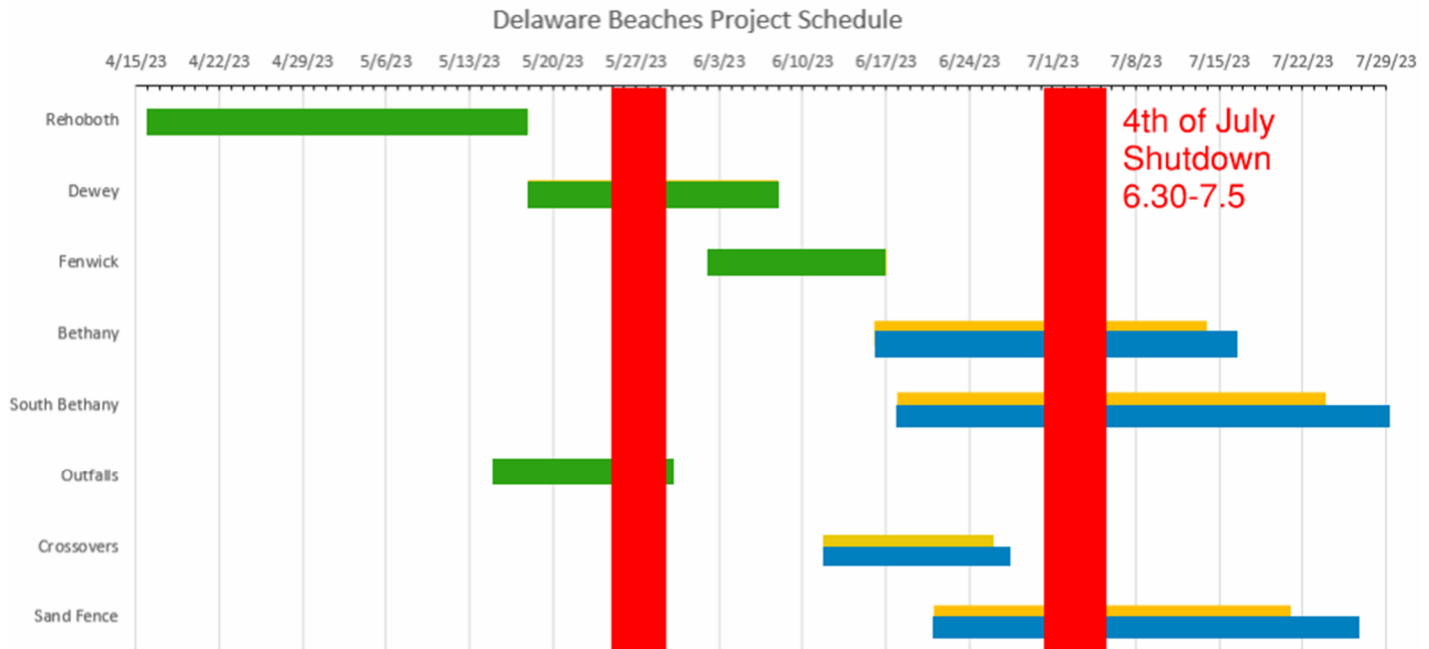
**Join Microsoft Teams Meeting:** Meeting ID: 270 462 350 673 Passcode: birQjh

**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. **Is currently being worked on and will be closed out ASAP.**

## 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. **USACE will reach out to Fenwick Officials for prices to fix these.**
- **Rehoboth:**
  - 6/21 – WMI made repairs to ripped fabric and dressed the stone and gravel. Pictures have been provided to the USACE. **Rehoboth Officials accepted the fix.**
    - 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. Dumpster was removed by Waste Management.
- **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 yd<sup>3</sup>.
    - Sent to USACE 6/29 to confirm.
- **Fenwick Beach:**
  - Surveys are completed.
  - Expected AD Volume to Date: 215,942 yd<sup>3</sup>.
    - Sent to USACE 6/28 to confirm.
- **S. Bethany Beach:**
  - Base quantity: 317,000 yd<sup>3</sup>.
  - BD's conducted 6/25 post storm.
    - Estimated quantity at completion from base work: 326,562 yd<sup>3</sup>.
    - Additional refill quantity: 5,920 yd<sup>3</sup>.
    - Estimated quantity at completion from with refill: 332,482 yd<sup>3</sup>.

- AD's: S20+00-S26+00.
- Refill: S20+00-S21+00.
  - Overall loss from storm in template 6,593 yd<sup>3</sup>.
- Pad AD's: 15+00-19+00.
- Comp. slope sta. S24+00-S26+00. **All were accepted by USACE and DNREC.**
- **Bethany Beach:**
  - Base quantity: 320,000 yd<sup>3</sup>.
  - BD's conducted 6/25 post storm.
    - Estimated quantity at completion from base work: 308,349 yd<sup>3</sup>.
    - Additional refill quantity: 23,912 yd<sup>3</sup>.
    - Estimated quantity at completion from with refill: 332,261 yd<sup>3</sup>.
  - AD's: 29+00-45+00.
  - Refill: 29+00-32+00.
    - Overall loss from storm 27,562 yd<sup>3</sup>.
  - Pad AD's: 28+00-24+00.
  - **WMI reminded USACE that Bethany Beach would have overrun due to the storm damage.**

### **Beachfill & Dredging:**

- Both Dredges currently on site and discharging to Bethany Beach.
- 4<sup>th</sup> 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 1<sup>st</sup> St. with no street closures.
  - South Bethany Beach will be between S 1<sup>st</sup> St. and S 3<sup>rd</sup> St. with no street closures.
  - **All consolidations will be completed by 08:00 on 6.30.23.**
  - **If beaches are clear WMI will be allowed to start back up on 7.5.23 at 18:00.**
- **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 4<sup>th</sup> St.).
  - Advancing North to stop sta. 40+00 (just north of N. 6<sup>th</sup> St).
  - Crossover closures: North 2<sup>nd</sup> St to South 2<sup>nd</sup> 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. **DNREC and Rehoboth Officials stated that the ADA crossover must be open for the holidays. ER&M worked late into the evening yesterday to ensure the crossover is open for the holidays.**
- 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. **Town provided WMI with 10 additional parking passes.**

- WMI informed everyone that a piece of the broken pipeline at South Bethany Beach was found.
- The pipe was removed yesterday by WMI.
- Mag Survey will be preformed to ensure that no more pieces remain in the area.
- MEC day boxes are empty for the holiday shutdown.