



FY23 DE Coast Nourishment Rehoboth – Dewey – Bethany – S. Bethany & Fenwick Is. WEEKLY PROGRESS MEETING #12 Agenda

USACE Contract: Contract No. W912BU23C0002

WMI Contract #: 13220115

Date/Time & Loc: 24 May 2023 @ 1000 hrs., Rehoboth Municipal Complex, 2nd floor Caucus Room
229 Rehoboth Ave. Rehoboth Beach, DE 19971

Join Microsoft Teams Meeting: Meeting ID: 243 690 532 190 Passcode: 3uiSyB

Principle Attendees:

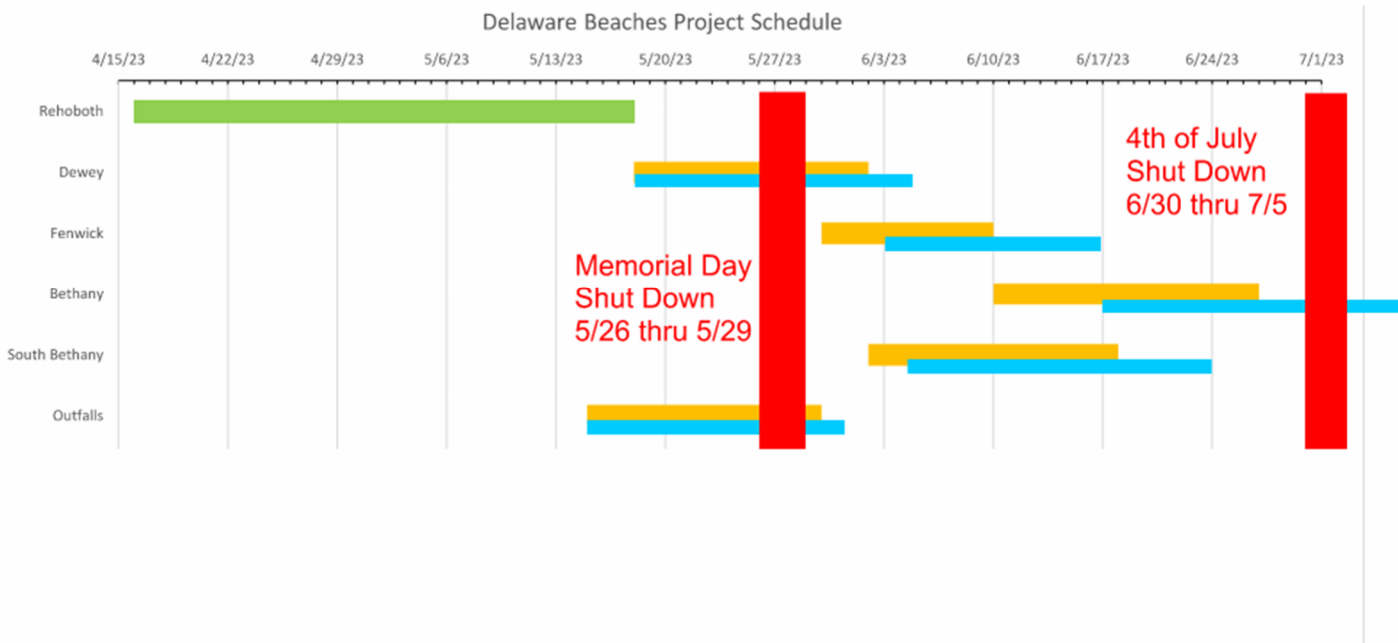
USACE, WMI, Rehoboth/Dewey/Bethany/South Bethany/Fenwick Officials, DNREC, ER&M, Walters, Tide, Seismic, OHI

Sign-in Sheet: Has everyone present signed in? Who is on the call? (Record Names)

Updated Dredge Schedule:

- RN Weeks went off site 5/20. Will not return.
- BEL & Mag on site and discharging to Dewey Beach WX pending.
- RB anticipating arriving May 31st (WX pending)

(USACE will be notified on any schedule changes)



Activity	Estimated Start Window		Estimated Finish Window		Days	STATUS
Rehoboth	4/16/2023		5/18/2023		32	COMPLETE
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Fenwick	5/30/2023	6/3/2023	6/10/2023	6/17/2023	11	
Bethany	6/10/2023	6/17/2023	6/27/2023	7/16/2023	17	
South Bethany	6/2/2023	6/5/2023	6/18/2023	6/24/2023	16	
Outfalls	5/15/2023		5/30/2023	6/1/2023	15	

Holiday Shut down

- Friday 26th
 - Stop dredging at 00:00 (possible earlier due to WX)
 - Break down and consolidate equipment from 00:00 to 08:00
- Monday 29th
 - Rebuild the line and prep equipment 18:00
 - Resume dredging operations 18:00 and discharge in the late evening hours.
- Rehoboth
 - Staging area consolidated along the fence line
 - Leaving a lane for cars to loop around the lot.
 - We would like to open as much of the lot as possible
 - WMI staging on the beach will be b/w 158+00-160+50 (no access closures)
 - Walters Equipment staged on the beach just north of the ADA crossover.
 - With orange fencing and no access closures
- Fenwick
 - Equipment consolidated and secure with orange fence on either side of the Bayard St.
 - All access will be open
- Surveys
 - Pre-shutdown surveys conducted on Fri morning
 - Post-shutdown surveys will be conducted on Monday morning
 - Surveys of crossovers

Action Items since previous progress meeting:

- Dewey Beach Template. Submitted and approved
- RFP – 0004 is in review by USACE.

Mobilization

- Mob of Fenwick Island completed
 - State made WMI aware no more equipment can be moved through this access
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 - WMI will make all parties aware when these activities are taking place.

Survey

Rehoboth Beach BD Quantities	
	Pay CYS
Before Dredge Quantity	269,132
40+00 to 42+00 Post-Storm Refill Quantity	7,415
Repump 47+00 - 43+00	10,572
Totals	287,119
	Pad Accretion
	9,739
Before Dredge Quantity minus accretion	277,380

Rehoboth Beach Total Quantities	
	Pay QTY
Rehoboth Beach - North End (47+00 - 26+00)	196,432
Rehoboth Beach - South End (47+00 - 65+00)	71,059
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 - Pad 147+00 -151+00
 - Current BD volume 184,963 yd³
 - Current AD Volume to Date: 97,731 yd³
- **Fenwick BD Surveys**
 - Sta. 00+00 to 55+00
 - BDs will be updated as needed
 - Current BD volume: 210,926 yd³

Beachfill & Dredging

- **Rehoboth Beach:**
 - Subline Landing: 47+50
 - Anticipated removal for June 1st weather pending
 - This line will be put in place in S. Bethany. WMI will make everyone aware of operations being conducted.
 - Total Loads Delivered: 191
- **Dewey Beach:**
 - Subline is laid at Sta 150+75. – Currently discharging
 - Discharge Location: Top: 163+90 & Bottom: 163+00
 - Beach Access Closures: Van Dyke & Carson
 - BE Loads to Date (as of 7am): 22
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 - MAG Loads to Date (as of 7am): 26
 - Total Loads Delivered to Date: 50

➤ **Fenwick Island beach:**

- Subline is laid at Sta. 27+50.
- Line was repaired and tested. Ready for operations after the Holiday.

Crossovers

- RFI-0004 was submitted regarding number of compaction test. In review by USACE
- **Preparatory Phase:**
 - Prep Meeting: TBD (prior to start-up)
 - ERM standing by to order materials until after the holiday.
 - Anticipating beginning work 2nd week in June.

Outfalls

- WMI and Walters continue to ensure all outfalls/groins are protected with minimum of 5.0' of coverage.
- WMI and Walters continue to maintain the outfalls ends and ensure they are flowing.
- Initial meeting conducted yesterday (5/24)
- Walters completed VA. St outfall 5/19
 - Survey onsite today
- Walters is currently conducting operations at the MD street outfall
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Structure Monitoring

- Monitors are in place and collecting data in Fenwick, Dewey, and Rehoboth beaches.

Environmental Concerns

- Bird monitoring surveys being conducted daily in Dewey and Fenwick
- No sighting of piping plovers to date. All Reports being submitted daily with QC report.
- Bird monitor will check both work sites to spec requirements.
- Dredge Drag heads are being inspected after every load. No MEC or Endangered wildlife reported to date.

OHI (MEC)

- OHI (MEC) Techs are onsite, working 3-8hr our shifts, conducting 24-hour coverage on both sites.
- Second team of Techs are onsite in Dewey until operations resume in Fenwick.
- Day box has 8 items in Rehoboth.
 - USACE OESS and OHI coordinated and witnessed the pick-up of all MEC from the day box on 5/24. Currently day box is empty.

Sand Fence, Dune Grass Planting, Demob

- Began operations in Dewey removing post and rail fencing along the toe of dune.
- **Preparatory Phase:**
 - Prep Meeting: TBD

Site Safety

- Inspections for the month of May are at 100%
- Security at both locations 24hrs.
 - WMI will check all staging areas over the holiday to ensure security fence is intact.
- STDL is up to date. There are 1 deficiency.
 - Mirror ordered & arrived. Installing today

Discuss other business, as appropriate:

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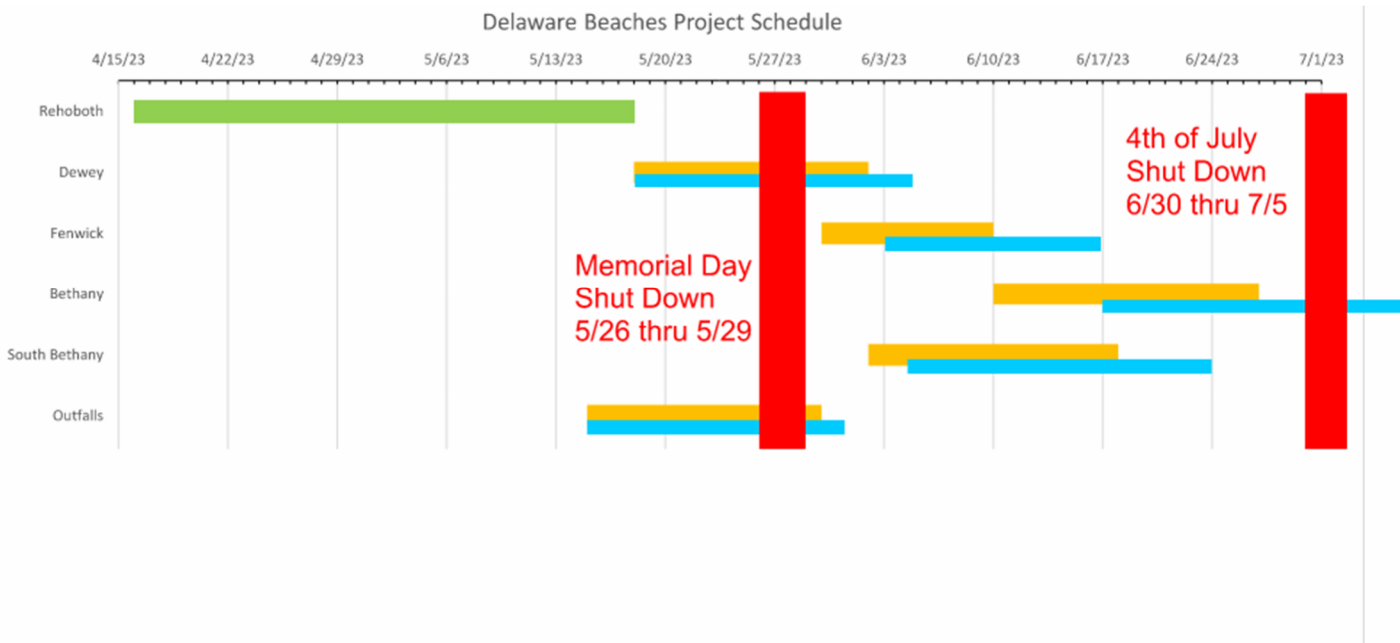
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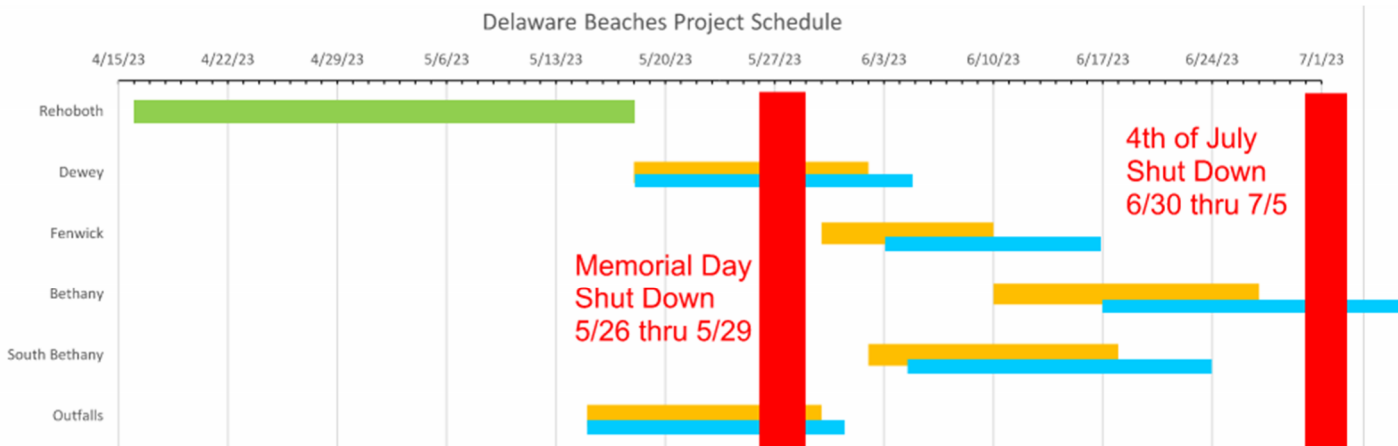
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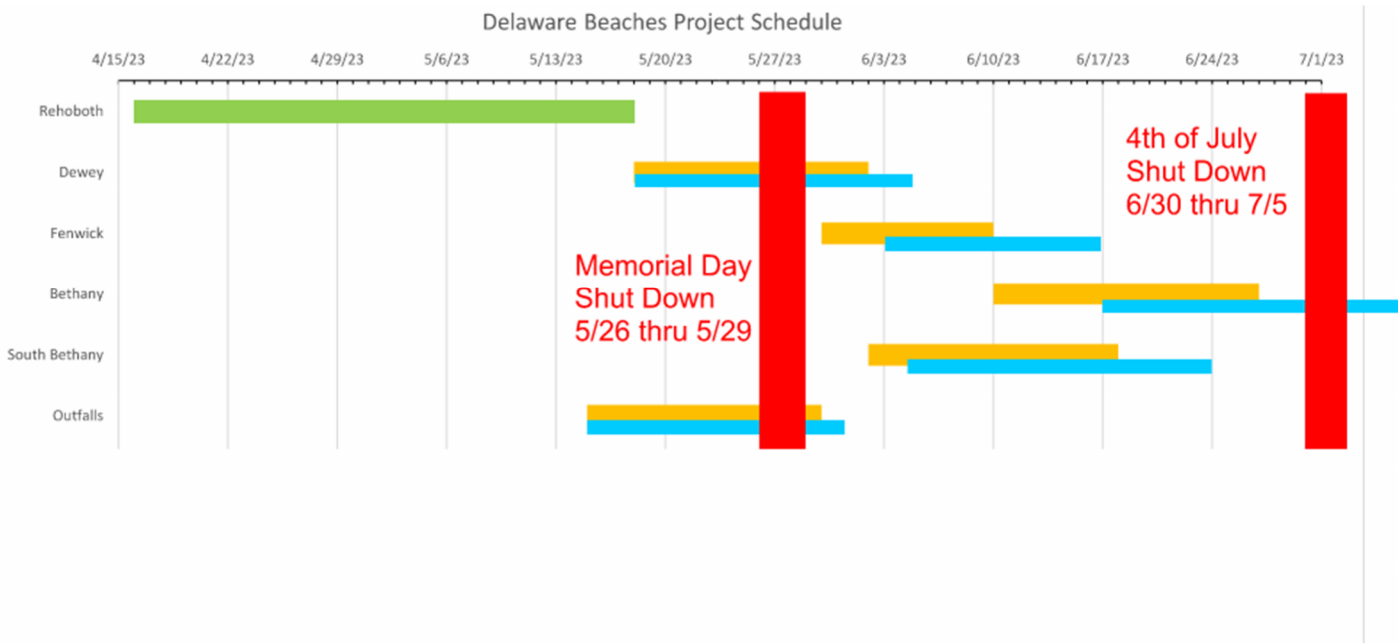
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 - Subline Landing: 47+50
 - Anticipated removal for June 1st weather pending
 - This line will be put in place in S. Bethany. WMI will make everyone aware of operations being conducted.
 - Total Loads Delivered: 191
- **Dewey Beach:**
 - Subline is laid at Sta 150+75. – Currently discharging
 - Discharge Location: Top: 163+90 & Bottom: 163+00
 - Beach Access Closures: Van Dyke & Carson
 - BE Loads to Date (as of 7am): 22
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➤ **Fenwick Island beach:**

- Subline is laid at Sta. 27+50.
- Line was repaired and tested. Ready for operations after the Holiday.

Crossovers

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- **Preparatory Phase:**
 - Prep Meeting: TBD (prior to start-up)
 - ERM standing by to order materials until after the holiday.
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- WMI and Walters continue to ensure all outfalls/groins are protected with minimum of 5.0' of coverage.
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- Inspections for the month of May are at 100%
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Discuss other business, as appropriate:

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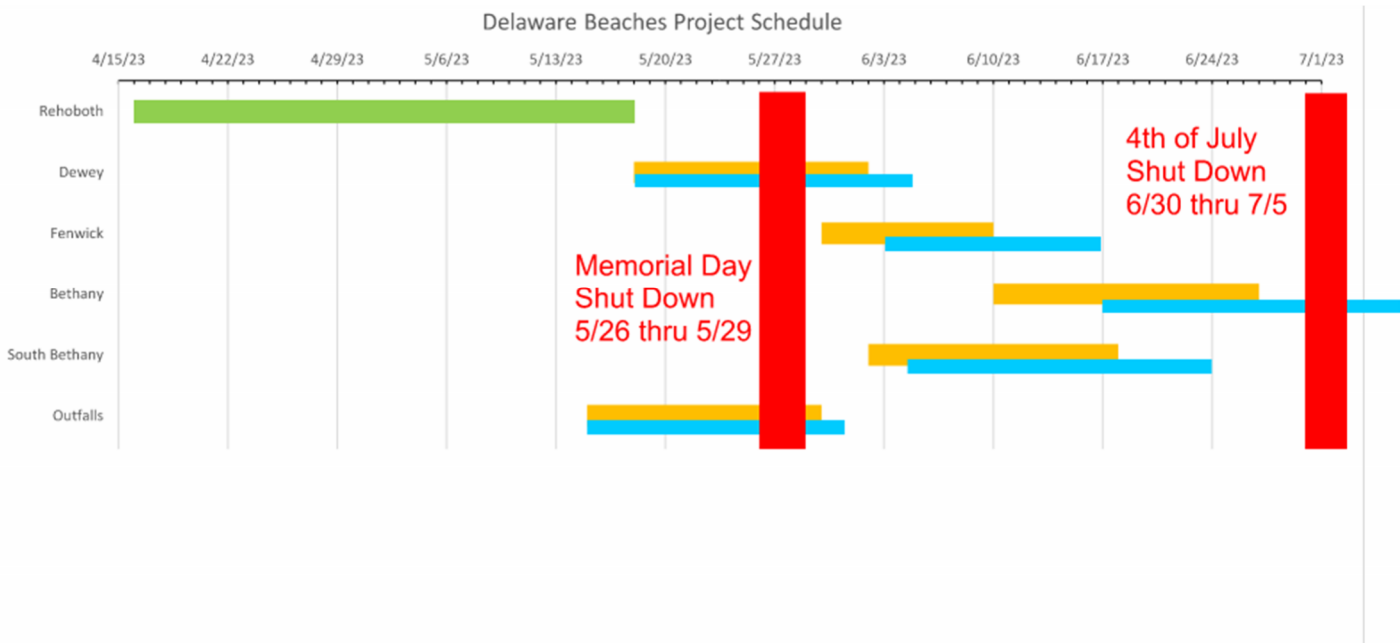
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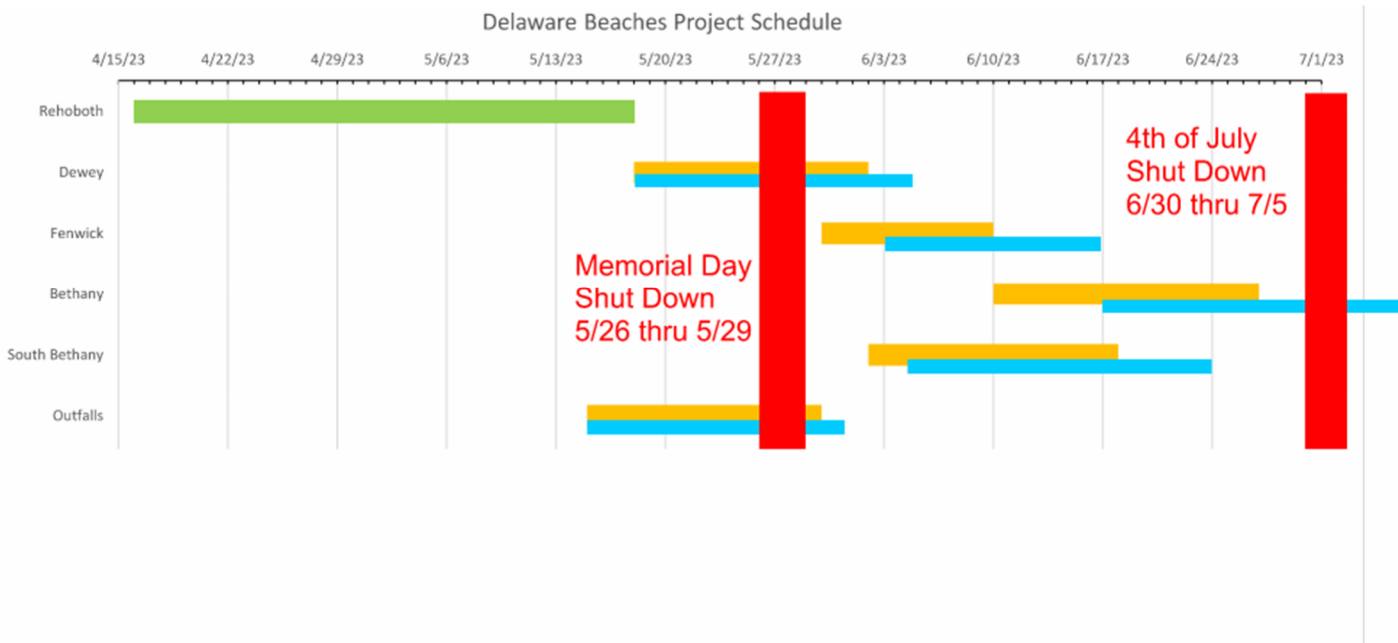
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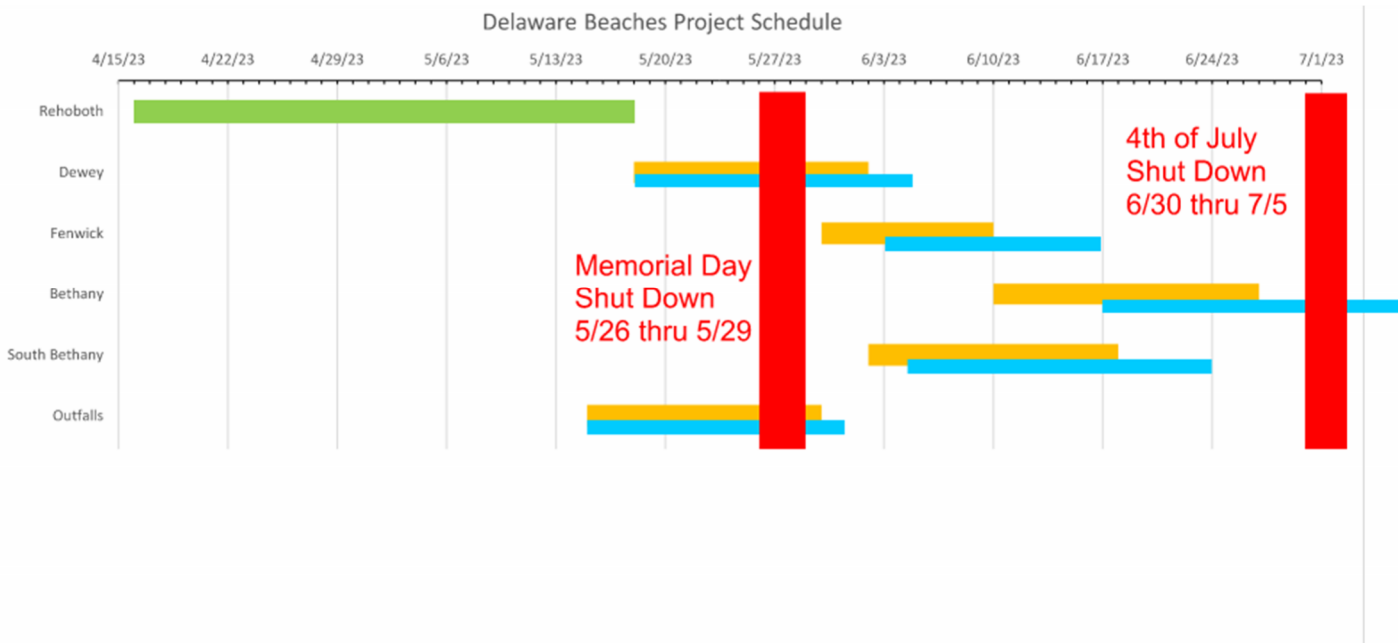
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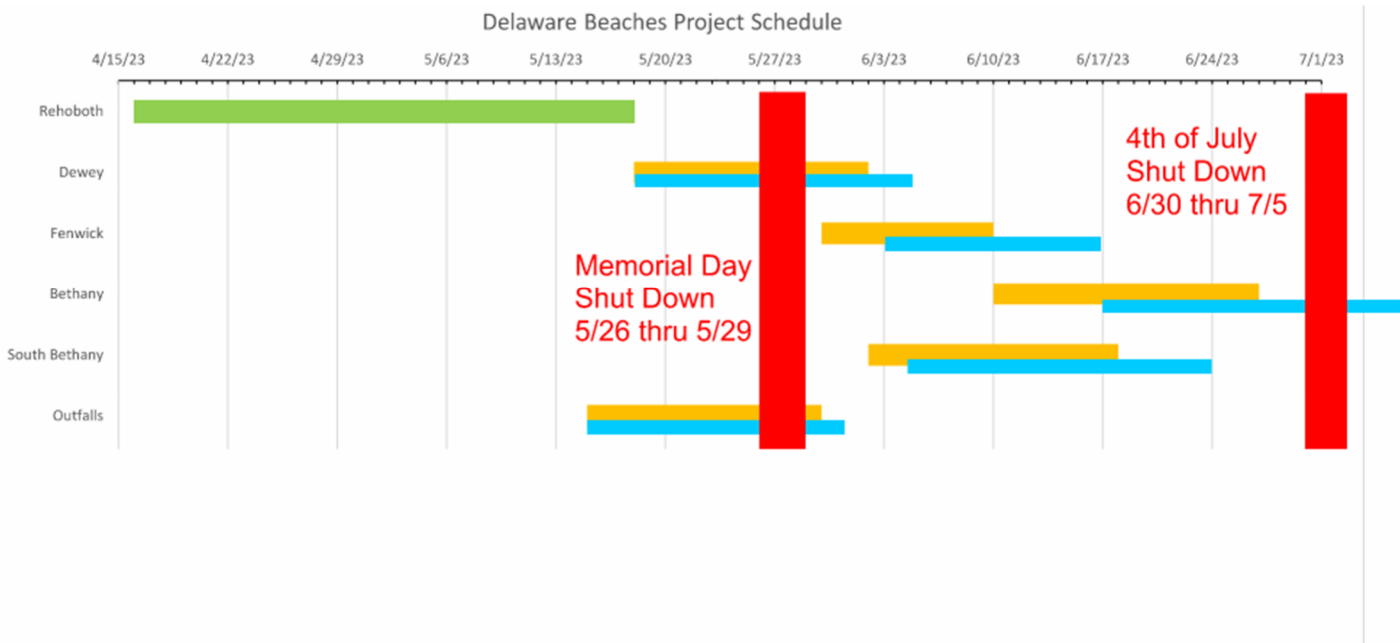
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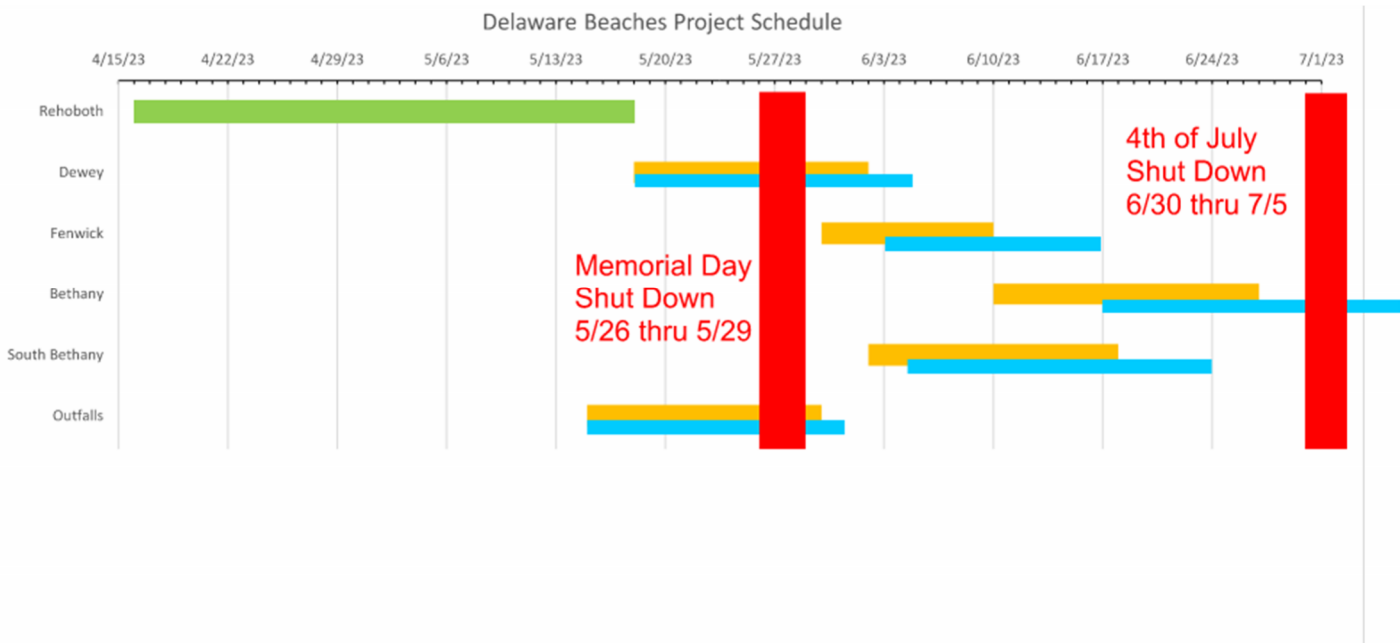
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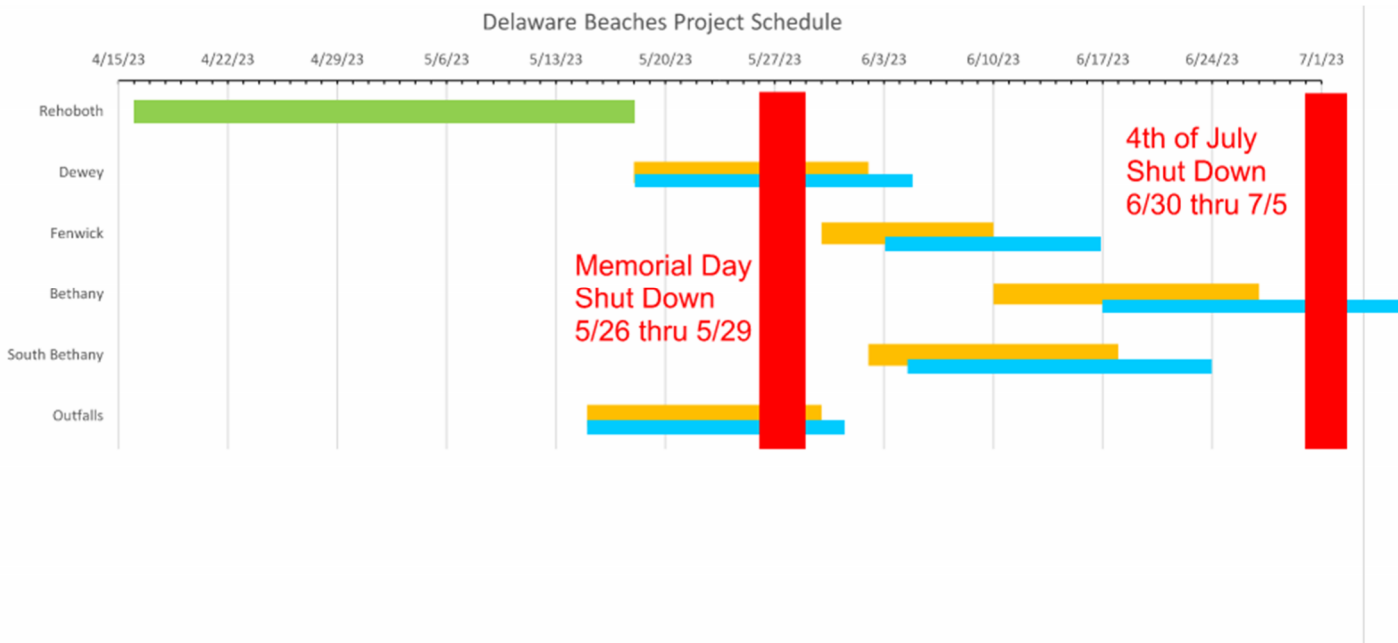
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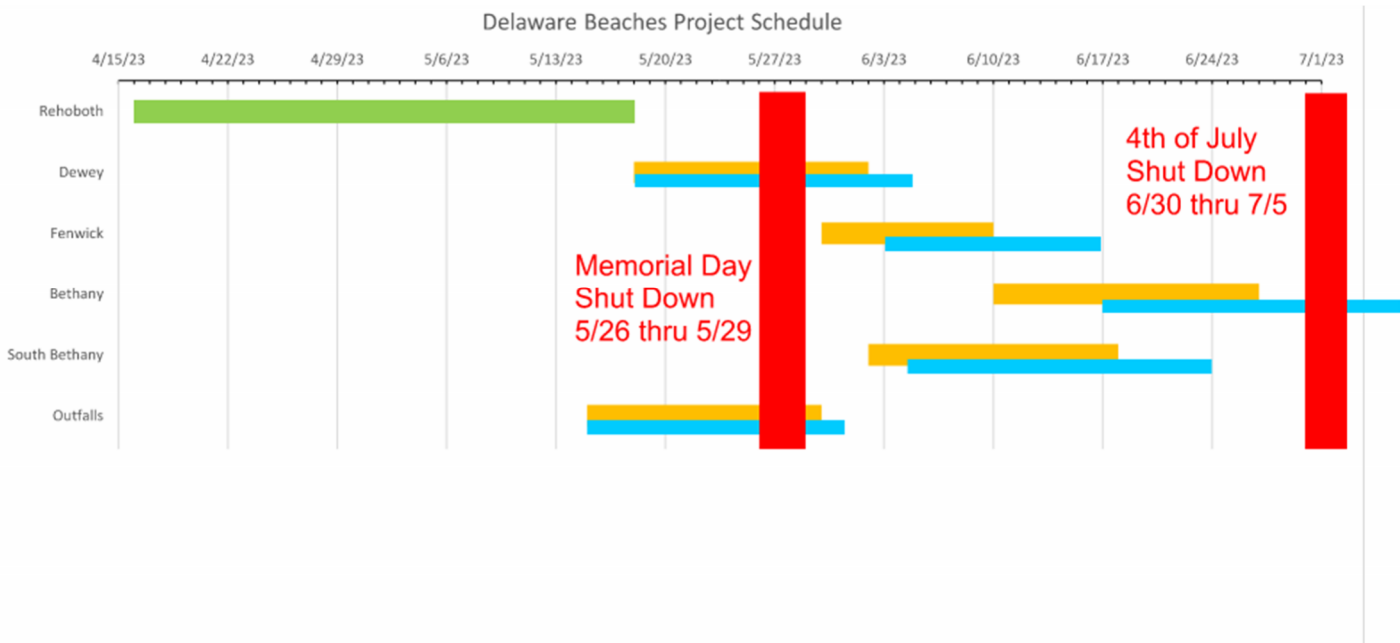
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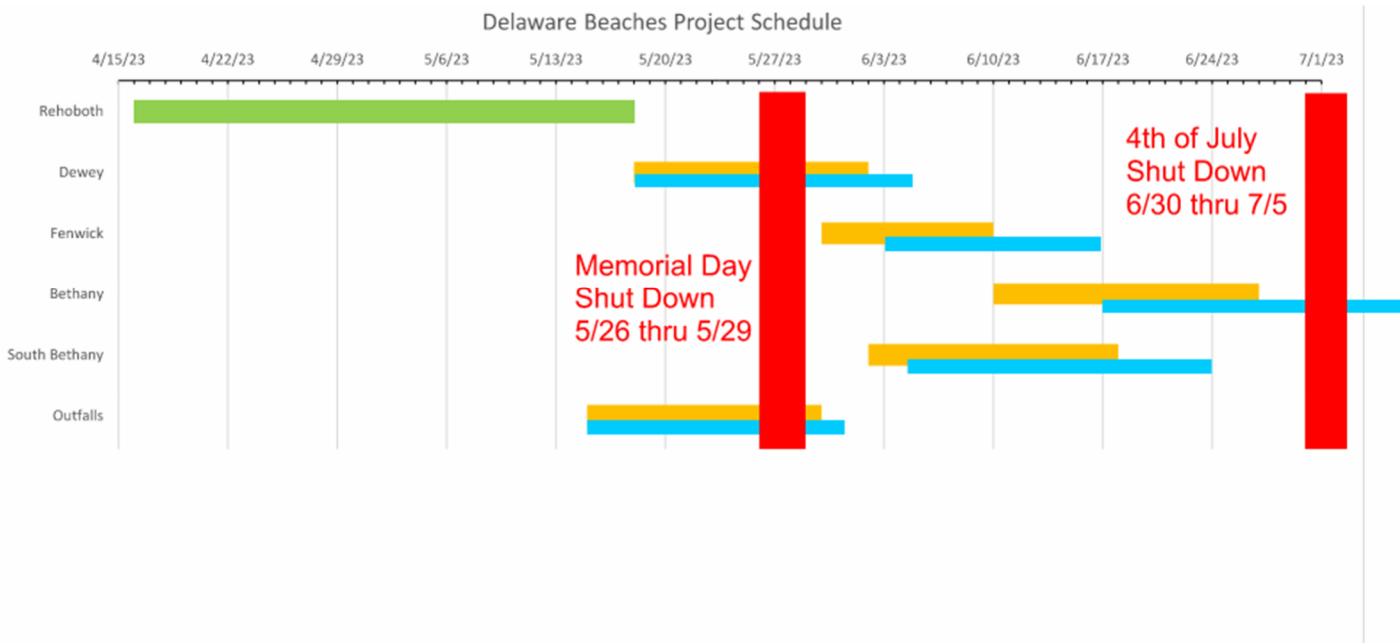
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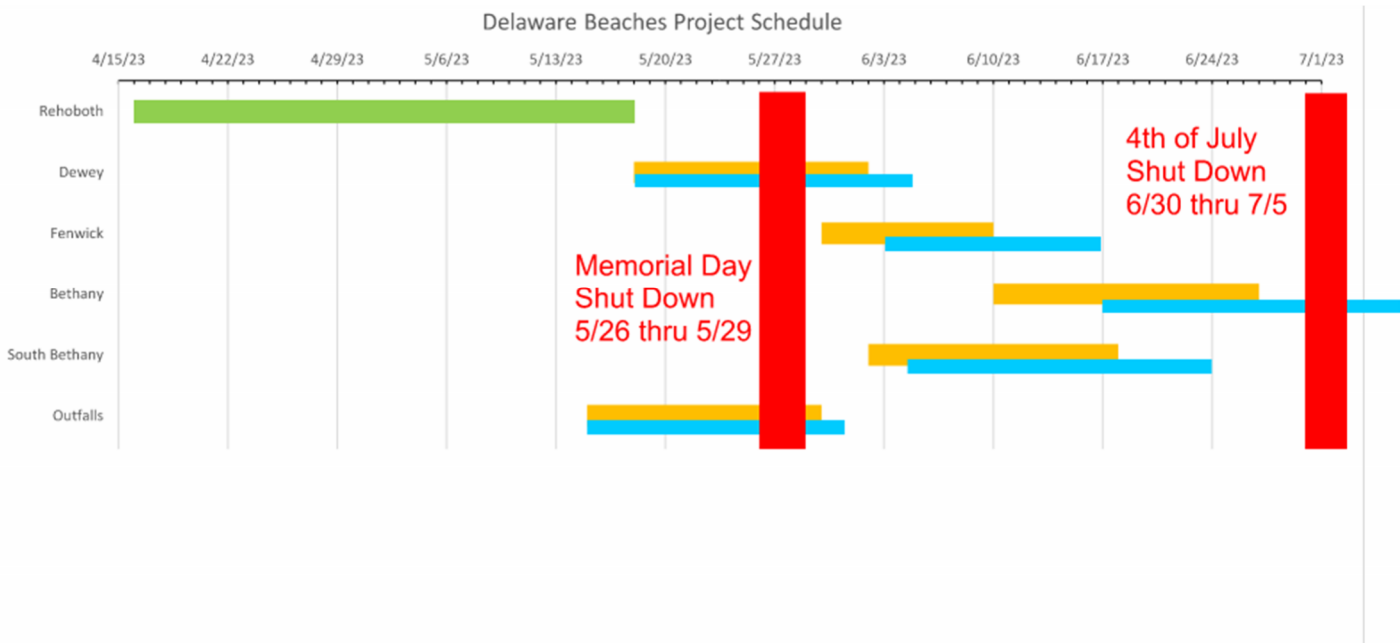
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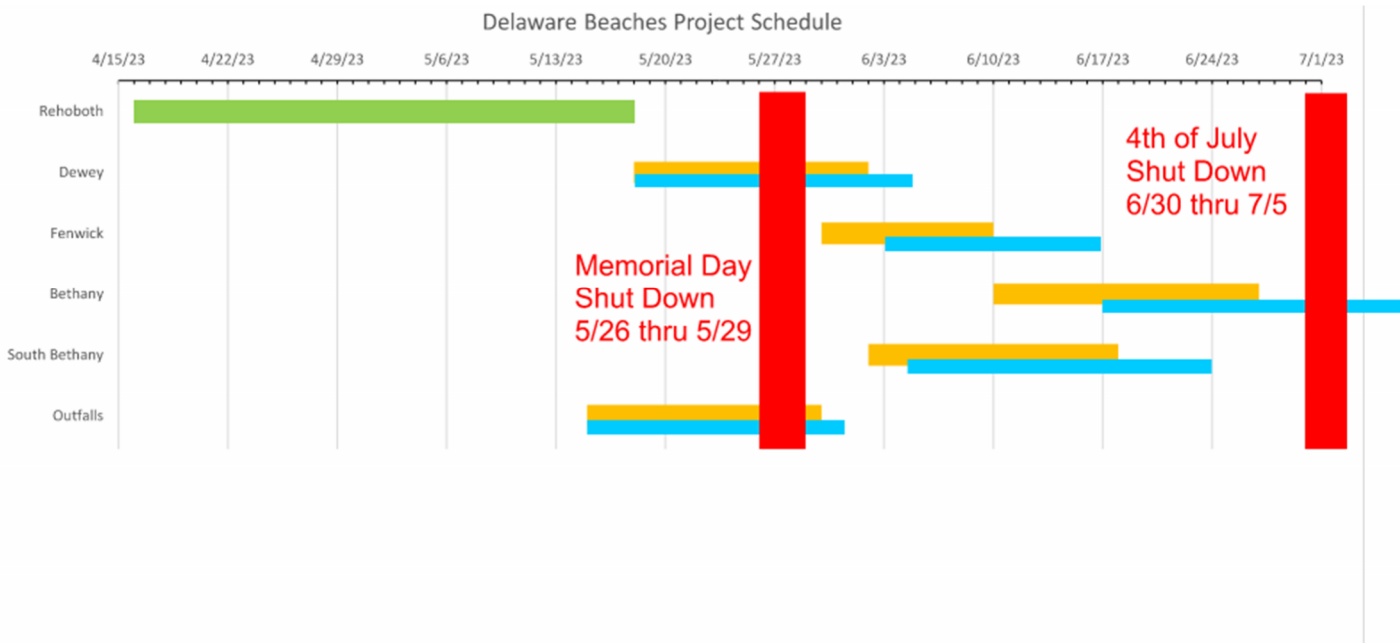
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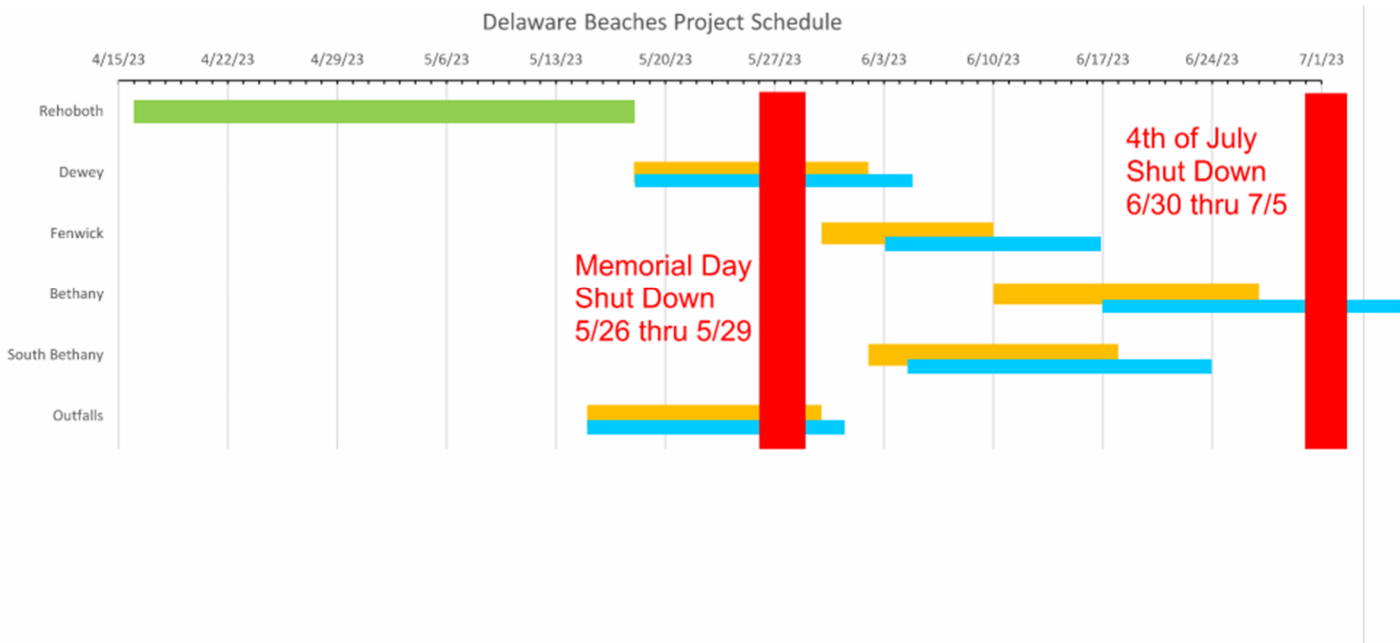
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	Pay QTY
Rehoboth Beach - North End (47+00 - 26+00)	196,432
Rehoboth Beach - South End (47+00 - 65+00)	71,059
Pre-Storm to Post-Storm Ads 42+00 - 40+00	7,415
Repump 47+00 - 43+00	10,572
Totals	285,477
	Pad Accretion
	9,739
Before Dredge Quantity minus accretion	275,738

- **Dewey surveys**
 - BD's to date: Sta. 134+00 to 169+23
 - AD's to date: Sta. 152+00 – 161+00 & 166+00 – 169+23
 - Conducting ADs today for 162+00 – 165+00
 - Pad 147+00 -151+00
 - Current BD volume 184,963 yd³
 - Current AD Volume to Date: 97,731 yd³
- **Fenwick BD Surveys**
 - Sta. 00+00 to 55+00
 - BDs will be updated as needed
 - Current BD volume: 210,926 yd³

Beachfill & Dredging

- **Rehoboth Beach:**
 - Subline Landing: 47+50
 - Anticipated removal for June 1st weather pending
 - This line will be put in place in S. Bethany. WMI will make everyone aware of operations being conducted.
 - Total Loads Delivered: 191
- **Dewey Beach:**
 - Subline is laid at Sta 150+75. – Currently discharging
 - Discharge Location: Top: 163+90 & Bottom: 163+00
 - Beach Access Closures: Van Dyke & Carson
 - BE Loads to Date (as of 7am): 22
 - RN Loads to Date (as of 7am): 2
 - MAG Loads to Date (as of 7am): 26
 - Total Loads Delivered to Date: 50

➤ **Fenwick Island beach:**

- Subline is laid at Sta. 27+50.
- Line was repaired and tested. Ready for operations after the Holiday.

Crossovers

- RFI-0004 was submitted regarding number of compaction test. In review by USACE
- **Preparatory Phase:**
 - Prep Meeting: TBD (prior to start-up)
 - ERM standing by to order materials until after the holiday.
 - Anticipating beginning work 2nd week in June.

Outfalls

- WMI and Walters continue to ensure all outfalls/groins are protected with minimum of 5.0' of coverage.
- WMI and Walters continue to maintain the outfalls ends and ensure they are flowing.
- Initial meeting conducted yesterday (5/24)
- Walters completed VA. St outfall 5/19
 - Survey onsite today
- Walters is currently conducting operations at the MD street outfall
 - Will complete after the holiday

Structure Monitoring

- Monitors are in place and collecting data in Fenwick, Dewey, and Rehoboth beaches.

Environmental Concerns

- Bird monitoring surveys being conducted daily in Dewey and Fenwick
- No sighting of piping plovers to date. All Reports being submitted daily with QC report.
- Bird monitor will check both work sites to spec requirements.
- Dredge Drag heads are being inspected after every load. No MEC or Endangered wildlife reported to date.

OHI (MEC)

- OHI (MEC) Techs are onsite, working 3-8hr our shifts, conducting 24-hour coverage on both sites.
- Second team of Techs are onsite in Dewey until operations resume in Fenwick.
- Day box has 8 items in Rehoboth.
 - USACE OESS and OHI coordinated and witnessed the pick-up of all MEC from the day box on 5/24. Currently day box is empty.

Sand Fence, Dune Grass Planting, Demob

- Began operations in Dewey removing post and rail fencing along the toe of dune.
- **Preparatory Phase:**
 - Prep Meeting: TBD

Site Safety

- Inspections for the month of May are at 100%
- Security at both locations 24hrs.
 - WMI will check all staging areas over the holiday to ensure security fence is intact.
- STDL is up to date. There are 1 deficiency.
 - Mirror ordered & arrived. Installing today

Discuss other business, as appropriate:

- Parking Bethany