



Sector Delaware Bay RRT III Presentation November 21, 2019



Presented by CAPT Scott Anderson, COTP



Sector Delaware Bay PREP Functional Exercise Summer 2019



Exxon Mobil Technical Center, NJ

Schedule:

06 July 2018 – TTX

04 June 2019 – DE Env Sec Dispersant Brief

11 June 2019 – Equipment Deployment

22 July 2019 – Dispersants Workshop

Incident Specific RRT Consultation

23 July 2019 – ERMA / PIAT / C&E Training

24 July 2019 – PREP Exercise

Focus:

- Offshore Response (0-24 hrs)
- Dispersants Decision Making & Actions in Federal & State Waters
- Early actions to prepare for Onshore Response

Welcome to the

Preparedness for Response Exercise Program

USCG SECTOR DELAWARE BAY

OFFSHORE OIL SPILL RESPONSE

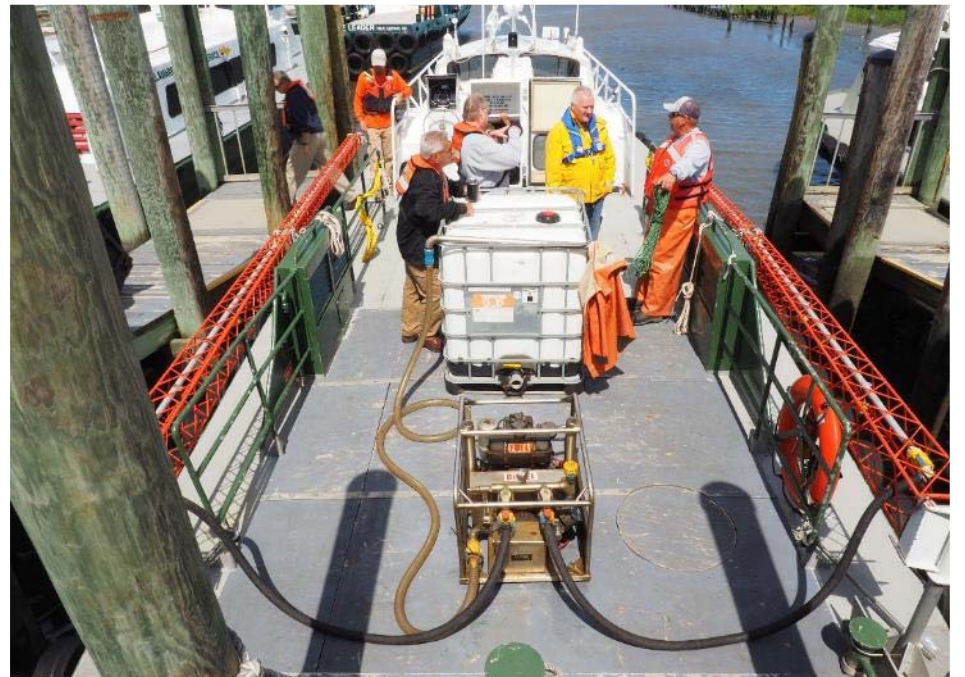
FE 2019

July 24, 2019 · Delaware Bay Area Committee





Sector Delaware Bay PREP Functional Exercise Equipment Deployment 11 June 2019



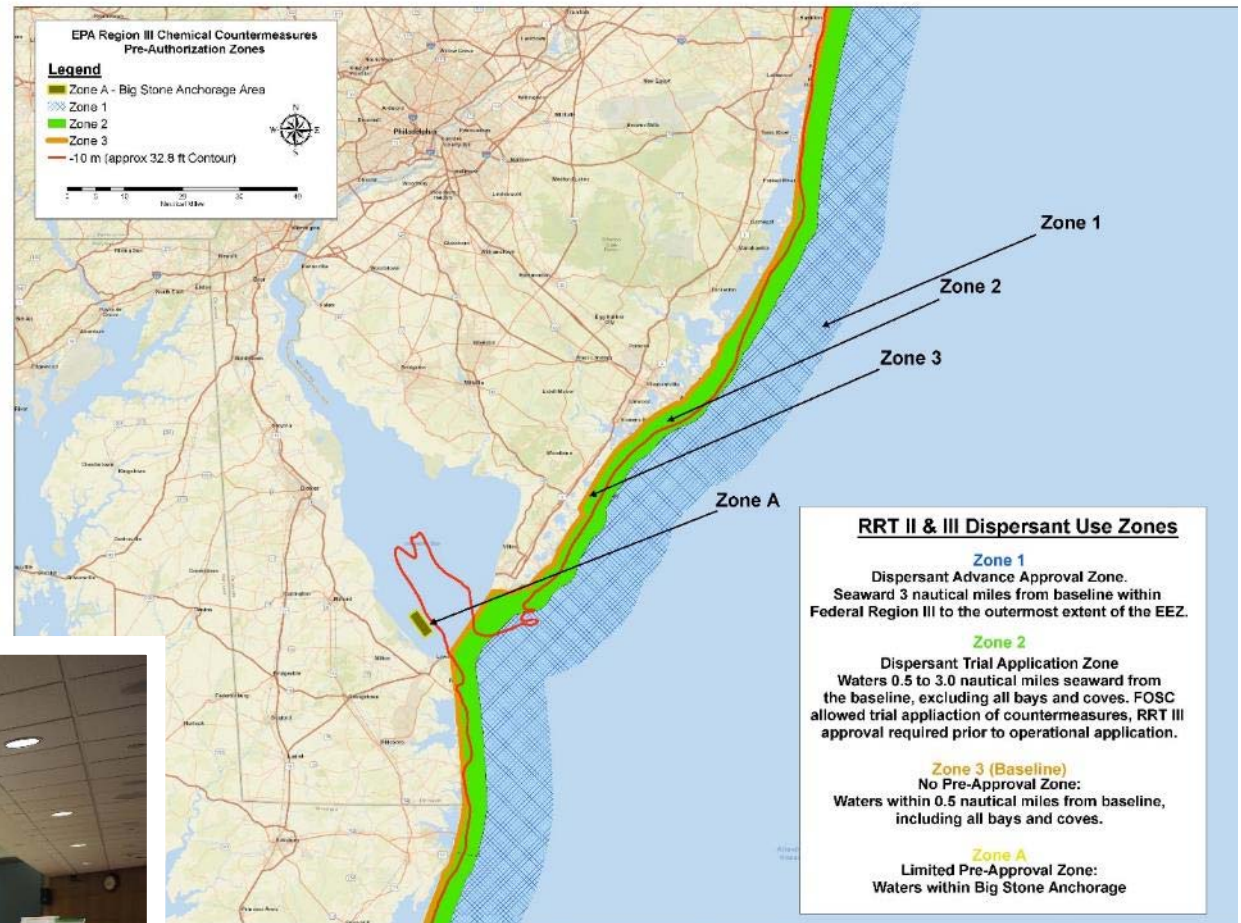


Sector Delaware Bay Dispersants Workshop and Training 22 – 23 July 2019



Training

- ERMA: 26 attendees from federal, state, local, & industry
- PIAT: 22 attendees from federal, state, local, NGO's & industry
- C&E: 16 attendees from federal & state agencies, NGO & industry



Dispersants Workshop – Incident Specific RRT

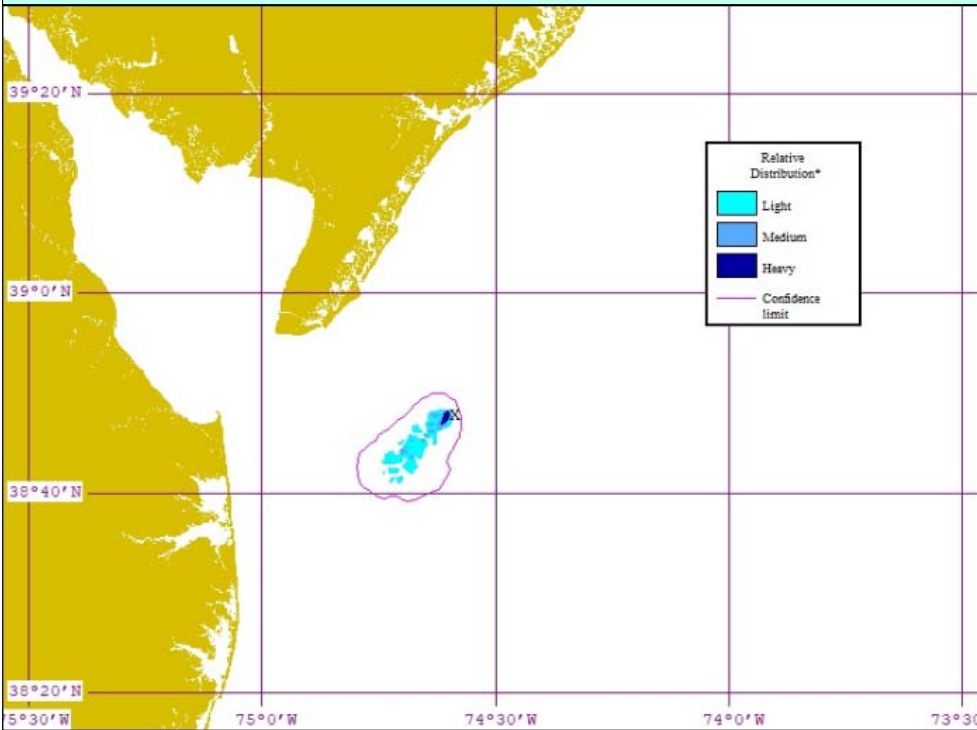
- 53 Players from 30+ Federal/State Agencies & Industry



Sector Delaware Bay PREP Functional Exercise Trajectory Models

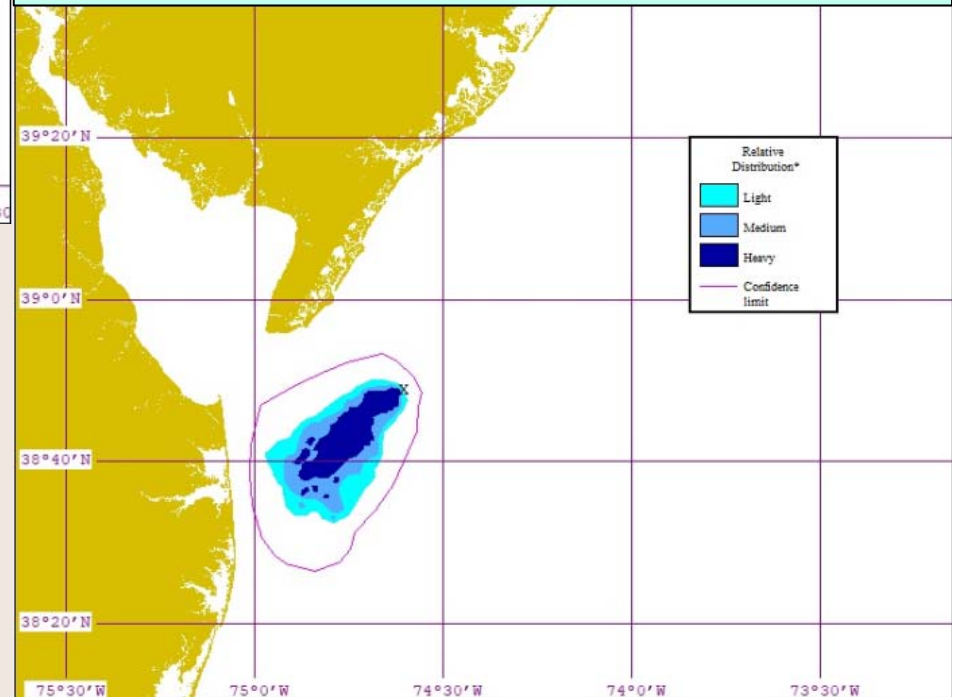


24 JUL 2019 - 1600 (12 hours since spill)



12 Hours Post Incident
• 16+ sq miles

25 JUL 2019 - 0600 (26 hours since spill)



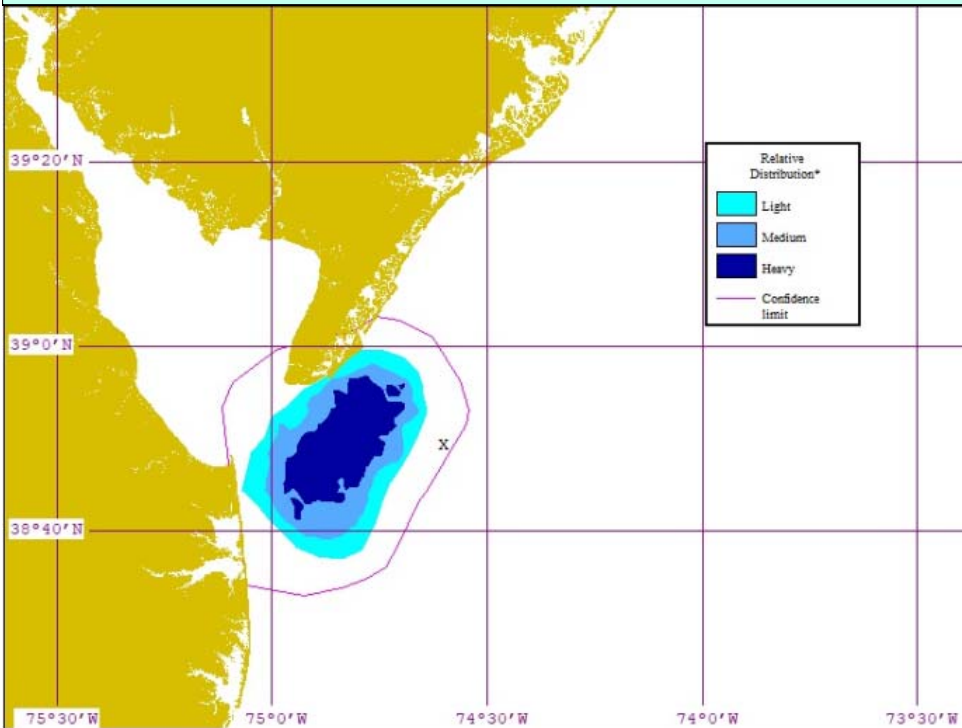
26 Hours Post Incident
• 234+ sq miles



Sector Delaware Bay PREP Functional Exercise Trajectory Models



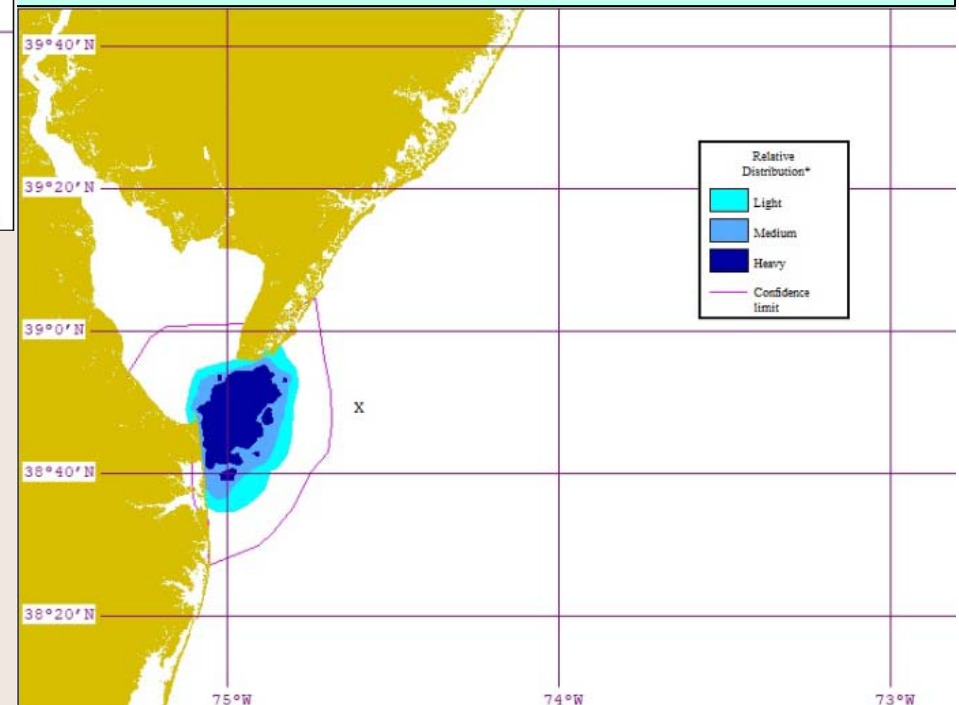
25 JUL 2019 – 1800 (38 hours since spill)



38 Hours Post Incident

- 385+ sq miles
- Landfall in south NJ and DE coast.

26 JUL 2019 – 0600 (50 hours since spill)



50 Hours Post Incident

- 335+ sq miles
- Significant shoreline impact to both NJ and DE.



Sector Delaware Bay Oil and Dispersants Impact Analysis



Day	Date / Time	Hours into Spill	Total Area (Miles ²)	Heavy Oiling (Miles ²)	Medium Oiling (Miles ²)	Light Oiling (Miles ²)
1	7/24 - 1600	12	16.793	0.69		16.103
2	7/25 - 0600 7/25 - 1800	26 38	234.555 385.54	78.108 132.52	82.893 137.13	73.554 115.89
3	7/26 - 0600 7/26 - 1800	50 62	335.742 328.79	142.49 112.95	104.65 104.85	88.602 110.96
4	7/27 - 0600 7/27 - 1800	74 86	451.21 575.33	127.34 101.39	152.13 232.85	171.74 241.09
5	7/28 - 0600 7/28 - 1800	98 110	792.88 909.52	204.82 233.07	286.19 314.25	301.87 362.2
6	7/29 - 1800	134	1,181.88	281.97	493.3	406.61
7	7/30 - 1800	158	1,258.77	198.27	630.12	430.38

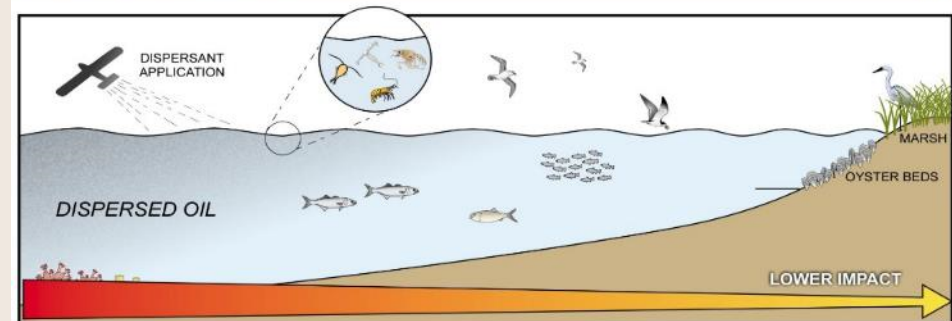
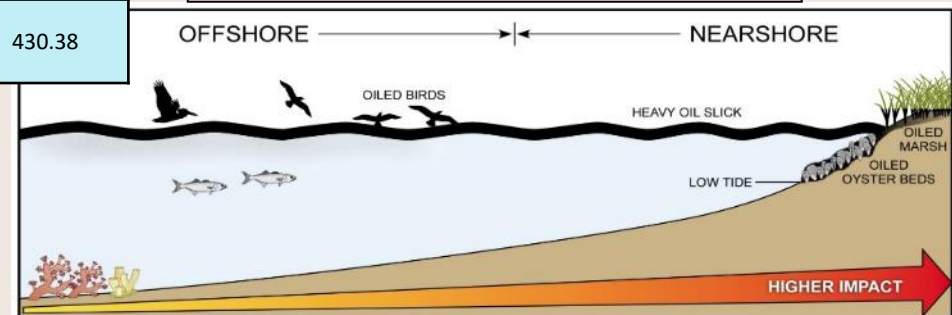
Oil Impact Analysis

- Courtesy of Ben Anderson of DNREC
- Impact projection at 6 days is more than 1,200 sq miles

Impacts of Oil & Dispersants

Impacts of Oil & Dispersants

- Top image shows impact w/o use of dispersants
- Lower image shows impact w/ dispersant use





Sector Delaware Bay PREP Functional Exercise Major Lessons Learned



18 Major Lessons Learned: Five listed below

- Offshore - Vessel Decon Plans
- Add Pre-approved Press Releases
- Discovery of Native American Artifacts
- NRDA located in ICP
- Regional Response Team Concerns

SecDelBay ACP PREP FSE 2019

After Action Report

22 Jul 2019 – 26 Jul 2019



Date Released unknown



Sector Delaware Bay PREP Functional Exercise 24 July 2019





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Questions?

