



# Barrier Berm Project – Daily Report

## Day 48

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**Date Prepared:** July 19, 2010

**Prepared by:** Shaw's Environmental & Infrastructure Group

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*E4 Berm – July 15, 2010*

# Barrier Berm Project 139551 – Daily Information

## Yesterday – 18 July

Vessel	Cubic Yards (CY) Handled	Hopper Loads
<b>East</b>		
Cutter California	29,330	
Hopper Liberty Island	17,231	4
Hopper Terrapin Island	16,381	4
<b>Subtotal East</b>	<b>62,942</b>	<b>8</b>
<b>West</b>		
Cutter EW Ellefsen	27,330	
Hopper Stuyvesant	8,511	4
Hopper Padre Island	5,003	2
Hopper BE Lindholm	5,965	2
Hopper Bayport	3,699	1
Hopper RN Weeks	5,769	2
<b>Subtotal West</b>	<b>56,277</b>	<b>11</b>
<b>Total</b>	<b>119,219</b>	<b>19</b>

## Today – 19 July

- California to transfer to Pass a Loure, Alaska to continue berm placement operations at E4 north.
- RS weeks to start berm placement operations at W9.
- Borrow operations to continue in Mississippi River and at Hewes Point.

## Tomorrow – 20 July

- Berm placement operations to continue at E4 and W9.
- Borrow operations to continue in Mississippi River and at Hewes Point.

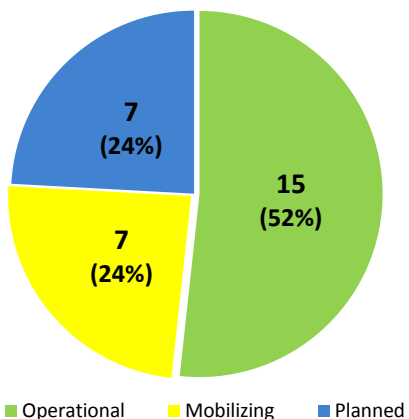
## Near-Term Milestones

- Start of E4 South berm construction forecast to begin 25 July.
- Forecast completion of first mile of berm approx. 26 July.

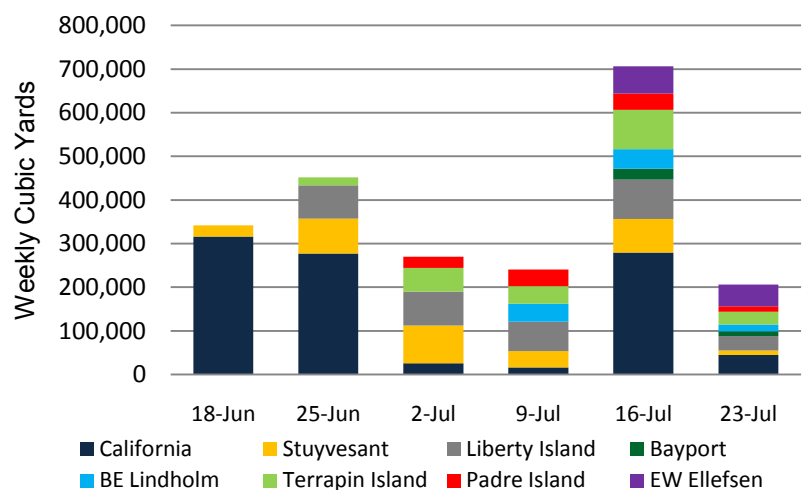
## Potential Schedule Variability Items

- Final permit requirements, third party agency requirements.
- Equipment rotation and timely remaining mobilizations
- Cost and schedule impacts due to weather and operational delays.

**Fleet Mix**  
(total vessel count)



**All Dredges Weekly Volume**



## Barrier Berm Project 139551 – Cumulative Information

### Inception to Date (ITD) Volume

Vessel	Handled - ITD (cy)	Hopper Loads - ITD
Cutter California	958,298	
Cutter EW Ellefsen	112,125	
Hopper Stuyvesant	317,097	55
Hopper Liberty Island	345,343	80
Hopper Terrapin Island	235,207	71
Hopper Padre Island	114,469	45
Hopper BE Lindholm	101,174	34
Hopper Bayport	36,108	10
Hopper RN Weeks	16,870	5
<b>Total</b>	<b>2,236,691</b>	<b>300</b>

### Progress by Berm and Borrow Operations

Location	Start	End	Forecast (cy)	Actual (cy)	To Go (cy)	Complete
E3	28-Jul-10	21-Oct-10	3,304,107	0	3,304,107	0.00%
E4	14-Jun-10 A	1-Nov-10	8,345,969	958,298	7,387,671	11.48%
W8	21-Aug-10	28-Nov-10	2,802,588	0	2,802,588	0.00%
W9	21-Jul-10	27-Aug-10	1,130,870	0	1,130,870	0.00%
W10	8-Aug-10	21-Sep-10	1,327,543	0	1,327,543	0.00%
W11	28-Sep-10	1-Nov-10	1,081,702	0	1,081,702	0.00%
Borrow Operations	16-Jun-10 A	18-Oct-10	13,088,593	1,278,393	11,810,200	9.77%
<b>Totals</b>			<b>31,081,372</b>	<b>2,236,691</b>	<b>28,844,681</b>	<b>7.20%</b>

Note: Percent complete of material handled represents only 1 of 3 elements of percent complete for the overall project.



Spider loading scow – July 15<sup>th</sup>



Spider loading scow – July 15<sup>th</sup>



E4 Berm Construction – July 13<sup>th</sup>



Alaska cutter dredge – July 16<sup>th</sup>