



# Barrier Berm Project – Daily Report

## Day 87

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**Prepared by:**

Shaw Environmental & Infrastructure Group

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*E4 North Berm – August 26, 2010*

# Barrier Berm Project 139551 – Daily Information

## Yesterday – 26 August

| Vessel                | Cubic Yards (CY) Handled | Hopper Loads |
|-----------------------|--------------------------|--------------|
| <b>East</b>           |                          |              |
| Cutter Alaska         | 0                        |              |
| <b>Subtotal East</b>  | <b>0</b>                 |              |
| <b>West</b>           |                          |              |
| Cutter California     | 28,900                   | 10 Scows     |
| Cutter EW Ellefsen    | 32,470                   |              |
| Cutter Texas          | 0                        |              |
| Hopper Stuyvesant     | 14,990                   | 2            |
| Hopper Liberty Island | 9,300                    | 2            |
| Hopper Bayport        | 0                        | 0            |
| Hopper Glenn Edwards  | 0                        | 0            |
| <b>Subtotal West</b>  | <b>85,660</b>            | <b>4</b>     |
| <b>Total</b>          | <b>85,660</b>            | <b>4</b>     |

Low production day due to the following unrelated events:

- Mechanical repairs completed on Hopper Bayport and Glenn Edwards; operational today.
- Alaska down for pipeline repairs; operational at 9:40AM today.
- Texas to continue its mobilization from East side to West side for berm construction.

## Today – 27 August

- Borrow operations at Pass a Loutre and West to continue.
- Berm placement operations to continue on E4 North and W9.

## Tomorrow – 28 August

- Today's operational activities to continue through tomorrow.

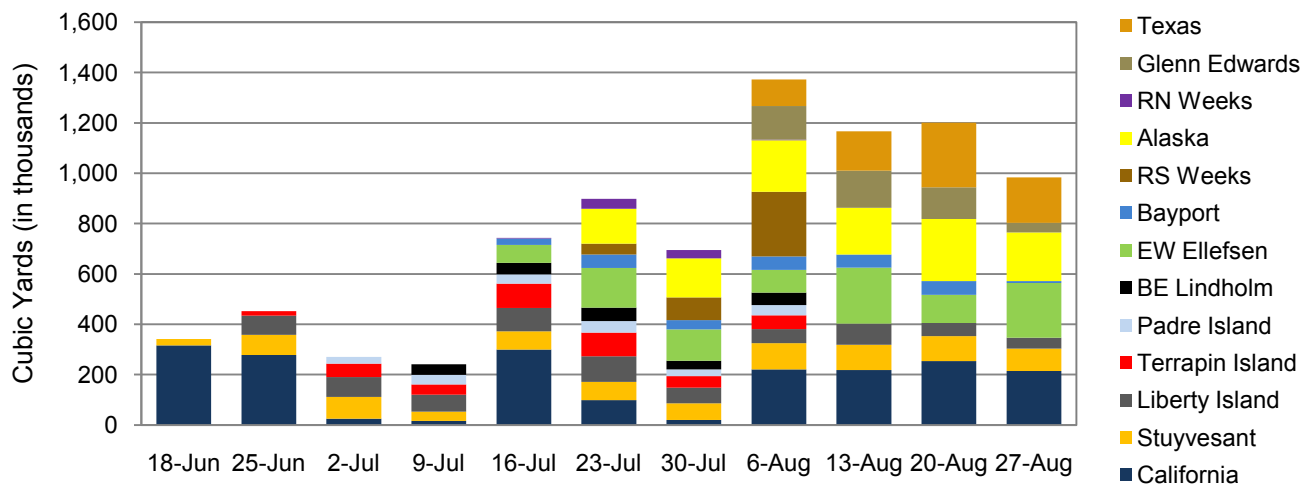
## Near-Term Milestones

- Completion of W9 berm construction forecast for 14 September.
- Start of W10 berm construction forecast to begin 5 September.

## Potential Schedule Variability Items

- Final permit requirements, third party agency requirements.
- Variations from current fleet configuration.

**All Dredges Weekly Volume**



## Barrier Berm Project 139551 – Cumulative Information

### Inception to Date (ITD) Volume

| Vessel                   | Handled - ITD (cy) | Hopper Loads - ITD |
|--------------------------|--------------------|--------------------|
| Cutter California        | 1,962,337          |                    |
| Cutter EW Ellefsen       | 995,410            |                    |
| Cutter RS Weeks *        | 391,350            |                    |
| Cutter Alaska            | 1,125,321          |                    |
| Cutter Texas             | 698,291            |                    |
| Hopper Stuyvesant        | 832,509            | 127                |
| Hopper Liberty Island    | 713,502            | 159                |
| Hopper Bayport           | 283,005            | 77                 |
| Hopper Glenn Edwards     | 444,410            | 46                 |
| Hopper Terrapin Island * | 403,823            | 119                |
| Hopper Padre Island *    | 216,133            | 84                 |
| Hopper BE Lindholm *     | 222,527            | 76                 |
| Hopper RN Weeks *        | 77,010             | 29                 |
| <b>Total</b>             | <b>8,365,628</b>   | <b>717</b>         |

\* Demobilized on or before August 6th.

### Progress by Berm and Borrow Operations (cubic yards)

| Location          | Start       | End       | Forecast (cy)     | Actual (cy)      | To Go (cy)        | Complete      |
|-------------------|-------------|-----------|-------------------|------------------|-------------------|---------------|
| E3                | 6-Jan-11    | 10-Apr-11 | 3,304,107         | 0                | 3,304,107         | 0.00%         |
| E4                | 14-Jun-10 A | 11-Feb-11 | 8,345,969         | 2,857,888        | 5,488,081         | 34.24%        |
| W8                | 5-Nov-10    | 25-Jan-11 | 2,802,588         | 0                | 2,802,588         | 0.00%         |
| W9                | 18-Jul-10 A | 15-Sep-10 | 1,130,870         | 1,030,932        | 99,938            | 91.16%        |
| W10               | 8-Sep-10    | 14-Nov-10 | 1,327,543         | 0                | 1,327,543         | 0.00%         |
| W11               | 20-Nov-10   | 21-Dec-10 | 1,081,702         | 0                | 1,081,702         | 0.00%         |
| Borrow Operations | 16-Jun-10 A | 7-Dec-10  | 13,088,593        | 4,476,808        | 8,611,785         | 34.20%        |
| <b>Totals</b>     |             |           | <b>31,081,372</b> | <b>8,365,628</b> | <b>22,715,744</b> | <b>26.92%</b> |

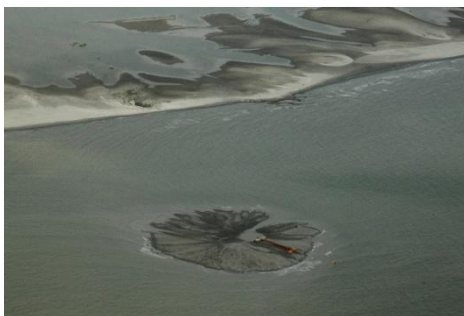
Note: Percent complete of material handled represents only 1 of 3 elements of percent complete for the overall project.

### Progress by Berm (linear feet)

| Location      | Forecast (LF)  | Under Construction (LF)* | To Go (LF)     | Complete      |
|---------------|----------------|--------------------------|----------------|---------------|
| E3            | 35,482         | 0                        | 35,482         | 0.00%         |
| E4            | 80,520         | 13,432                   | 67,088         | 16.68%        |
| W8            | 30,096         | 0                        | 30,096         | 0.00%         |
| W9            | 12,144         | 5,300                    | 6,844          | 43.64%        |
| W10           | 14,256         | 0                        | 14,256         | 0.00%         |
| W11           | 11,616         | 0                        | 11,616         | 0.00%         |
| <b>Totals</b> | <b>184,114</b> | <b>18,732</b>            | <b>165,382</b> | <b>10.17%</b> |

Note: Data subject to one day lag. Under normal field conditions, berm is advancing approximately 500 LF per reach per day.

\*Under Construction represents linear footage of berm placed; all material may not yet conform to elevation +6.



E4 South Berm – August 26, 2010



E4 North Berm Construction – August 26, 2010