

# **Barrier Berm Project – Daily Report**

Day 107

Document: 139551-PMD-107-S

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Date Prepared: September 16, 2010

Prepared by: Shaw Environmental & Infrastructure Group



E4 North Berm – September 14, 2010



# **Barrier Berm Project 139551 – Daily Information**

## Yesterday – 15 September

| Vessel               | Cubic Yards (CY) Handled | Hopper Loads |  |  |  |  |
|----------------------|--------------------------|--------------|--|--|--|--|
| East                 |                          |              |  |  |  |  |
| Cutter Alaska        | 0                        |              |  |  |  |  |
| Subtotal East        | 0                        |              |  |  |  |  |
| West                 |                          |              |  |  |  |  |
| Cutter California    | 42,916                   | 13 Scows     |  |  |  |  |
| Cutter EW Ellefsen   | 28,167                   |              |  |  |  |  |
| Cutter Texas         | 51,200                   |              |  |  |  |  |
| Hopper Stuyvesant    | 14,228                   | 2            |  |  |  |  |
| Hopper Bayport       | 3,753                    | 1            |  |  |  |  |
| Hopper Glenn Edwards | 9,489                    | 1            |  |  |  |  |
| Subtotal West        | 149,753                  | 4            |  |  |  |  |
| Total                | 149,753                  | 4            |  |  |  |  |

• Alaska down for repairs on the cutter; expected to return to production on 20 September.

### Today – 16 September

- Borrow operations at Pass a Loutre and West to continue.
- Berm placement operations to continue on W9 and W10.

Tomorrow – 17 September

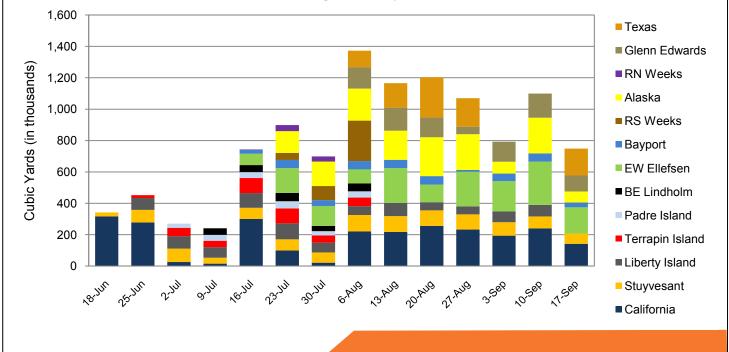
Today's operational activities to continue through tomorrow.

### **Near-Term Milestones**

Completion of W9 berm construction forecast for 26 September.

### **Potential Schedule Variability Items**

- Final permit requirements, third party agency requirements.
- Project execution revision based on St. Bernard Shoals availability.
- Increased weather system activity in the Atlantic Ocean.



## All Dredges Weekly Volume

# **Barrier Berm Project 139551 – Cumulative Information**

# Inception to Date (ITD) Volume

| Vessel                   | Handled - ITD (cy) | Hopper Loads - ITD |  |
|--------------------------|--------------------|--------------------|--|
| Cutter California        | 2,559,222          |                    |  |
| Cutter EW Ellefsen       | 1,638,496          |                    |  |
| Cutter RS Weeks *        | 391,350            |                    |  |
| Cutter Alaska            | 1,533,045          |                    |  |
| Cutter Texas             | 870,611            |                    |  |
| Hopper Stuyvesant        | 1,066,611          | 157                |  |
| Hopper Liberty Island *  | 864,508            | 192                |  |
| Hopper Bayport *         | 421,280            | 114                |  |
| Hopper Glenn Edwards     | 836,557            | 85                 |  |
| Hopper Terrapin Island * | 403,823            | 119                |  |
| Hopper Padre Island *    | 216,133            | 84                 |  |
| Hopper BE Lindholm *     | 222,527            | 76                 |  |
| Hopper RN Weeks *        | 77,010             | 29                 |  |
| Total                    | 11,101,173         | 856                |  |

\* Demobilized on or before September 15th.

# Progress by Berm and Borrow Operations (cubic yards)

| Location          | Start       | End       | Forecast (cy)           | Actual (cy) | To Go (cy) | Complete |
|-------------------|-------------|-----------|-------------------------|-------------|------------|----------|
| E3                | 30-Dec-10   | 3-Apr-11  | 3,304,107               | 0           | 3,304,107  | 0.00%    |
| E4                | 14-Jun-10 A | 8-Feb-11  | 8,345,969               | 3,266,832   | 5,079,137  | 39.14%   |
| W8                | 4-Oct-10    | 1-Jan-11  | 1,243,548**             | 0           | 1,243,548  | 0.00%    |
| W9                | 18-Jul-10 A | 26-Sep-10 | 1,929,494**             | 1,671,851   | 257,643    | 86.65%   |
| W10               | 13-Sep-10 A | 3-Nov-10  | 1,588,710 <sup>**</sup> | 171,100     | 1,417,610  | 10.77%   |
| W11               | 10-Nov-10   | 14-Dec-10 | 2,729,032**             | 0           | 2,729,032  | 0.00%    |
| Borrow Operations | 16-Jun-10 A | 7-Dec-10  | 11,266,525**            | 5,991,390   | 5,275,135  | 53.18%   |
| Totals            |             |           | 30,407,385              | 11,101,173  | 19,306,212 | 36.51%   |

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        | 16,395                   | 64,125     | 20.36%   |
| W8       | 9,480 **      | 0                        | 9,480      | 0.00%    |
| W9       | 13,030**      | 8,784                    | 4,246      | 67.41%   |
| W10      | 15,700**      | 0                        | 15,700     | 0.00%    |
| W11      | 23,000 **     | 0                        | 23,000     | 0.00%    |
| Totals   | 177,212       | 25,179                   | 152,033    | 14.21%   |

Note: Under Construction represents linear footage of berm placed; all material may not yet conform to elevation +6. \*\* Revised quantities based on project change control program.



W9 Berm Operations - September 13, 2010



E4 North Berm – September 13, 2010