

| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |        |                              |                           |                                    |                   |                         |                                       | PAGE NO.                         |  |
|--|-----------|---|--------|------------------------------|---------------------------|------------------------------------|-------------------|-------------------------|---------------------------------------|----------------------------------|--|
|  |           |   |        |                              |                           |                                    |                   |                         |                                       | Page 1 of 69                     |  |
| CONTRACT NO.                             |           | CONTRACT TITLE  |        |                              |                           | CONTRACTOR                         |                   |                         |                                       | REPORT NO.                       |  |
| W91278-13-D-0005 0001                    |           | Rental Hopper Dredge for Mobile Harbor  |        |                              |                           | Manson Construction Co.            |                   |                         |                                       | 45                               |  |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |        |                              |                           |                                    |                   | DATE                    |                                       | 05/03/2013                       |  |
| DREDGE                                   |           | HOPPER CAP: 13572 CY  |        | AVG VOL OF BIN WATER: 180 CY |                           | AVG UNFILLED CAP: 13392 CY         |                   |                         |                                       |                                  |  |
| Glenn Edwards                            |           | NO. OF CREW MEMBERS   | DREDGE | OTHER PLANT                  | WORK SCHEDULE             | SHIFTS PER DAY                     | DAYS PER WEEK     |                         |                                       |                                  |  |
|  |           | 18  | 1      |                              |                           | 2                                  | 7                 |                         |                                       |                                  |  |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |        |                              | REACH DREDGED; STA TO STA |                                    | DISPOSAL AREA USE | QTY DEPOSITED GROSS(CY) | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |                                  |  |
|  |           | Mobile Harbor Channel   |        |                              | Sta. 9+30 to 32+76        |                                    | DA 1 and 2        | 0                       | 24,046                                |                                  |  |
|  |           | AVG LENGTH OF CUT   |        | AVG WIDTH OF CUT             |                           | AVG DIST TO DUMP                   |                   | 39 NM                   |                                       |                                  |  |
|  |           | 2400 FT   |        | 1000 FT                      |                           |                                    |                   |                         |                                       |                                  |  |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |        |                              |                           | 1.35                               |                   | GMS/LITER               |                                       | 1.35                             |  |
|  |           | DENSITY OF WATER  |        |                              |                           | 1.0010                             |                   | GMS/LITER@              |                                       | 68 °F                            |  |
| RIVER/TIDE STAGE                         |           | MIN   | 1.61   | TIME                         | 08:18                     | MAX                                | 2.05              | TIME                    | 01:06                                 | GAGE LOCATION Mobile State Docks |  |
|  |           | MIN   | 0.00   | TIME                         | 00:00                     | MAX                                | 2.40              | TIME                    | 17:06                                 | GAGE DATUM MLLW                  |  |
| WEATHER CONDITION                        |           | WEATHER   |        |                              |                           | TEMP                               |                   | VISIBILITY              |                                       | WIND                             |  |
|  |           | Weather Caused No Delay   |        |                              |                           | 50 °F / 72 °F                      |                   | 5-10 MI                 |                                       | Var 5-25 MPH                     |  |
| DRAFT                                    |           |   |        |                              |                           | DISTRIBUTION OF TIME AND MILES RUN |                   |                         |                                       |                                  |  |
|  |           | LIGHT   |        | LOADED                       |                           |                                    |                   | AGITATING (MIN)         | DREDGE & HAUL (MIN)                   | MILES RUN (NAUT MI)              |  |
| FORWARD                                  |           | 9   |        | 28                           |                           | EFFECTIVE WORKING TIME:            |                   |                         |                                       |                                  |  |
| AFT                                      |           | 15  |        | 28                           |                           | PUMPING:                           | 00:00             | 00:47                   | 0.0                                   |                                  |  |
| DRAG DEPTH                               |           | MAX 0   | MIN 0  |                              |                           |                                    |                   |                         |                                       |                                  |  |
| INDICATORS LAST CHECKED ON               |           | 05/03/2013  |        |                              |                           |                                    |                   |                         |                                       |                                  |  |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  | 0      |                              |                           |                                    |                   |                         |                                       |                                  |  |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  | 0      |                              |                           |                                    |                   |                         |                                       |                                  |  |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   | 4,754  |                              |                           |                                    |                   |                         |                                       |                                  |  |
| GALLONS OF WATER CONSUMED                |           | GAL   | 780    |                              |                           |                                    |                   |                         |                                       |                                  |  |
| NON-EFFECTIVE WORKING TIME:              |           |   |        |                              |                           |                                    |                   |                         |                                       |                                  |  |
| WORK PERFORMED                           |           |   |        |                              |                           | TAKING ON FUEL AND SUPPLIES        | 00:00             | 00:00                   | 0.0                                   |                                  |  |
| DREDGING AND HAULING                     |           |   |        | AGITATING                    |                           | TO AND FROM WHARF OR ANCHORAGE:    | 00:00             | 00:00                   | 0.0                                   |                                  |  |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |        | TOTAL CYS                    |                           | LOSS DUE TO NATURAL ELEMENTS:      | 00:00             | 00:00                   | 0.0                                   |                                  |  |
|  |           |   |        |                              |                           | LOSS DUE TO TRAFFIC AND BRIDGES    | 00:00             | 00:00                   | 0.0                                   |                                  |  |
|  |           |   |        |                              |                           | MINOR OPERATING REPAIRS            | 00:00             | 00:00                   | 0.0                                   |                                  |  |
|  |           |   |        |                              |                           | TRANSFERRING BETWEEN WORKS         | 00:00             | 08:28                   | 0.0                                   |                                  |  |
| ATTENDANT PLANT                          |           |   |        |                              |                           | LAY TIME:                          | 00:00             | 00:00                   | 0.0                                   |                                  |  |
| ITEM                                     |           | NAME OR NUMBER  |        | H.P.                         | HOURS                     | FIRE AND BOAT DRILLS:              | 00:00             | 00:00                   | 0.0                                   |                                  |  |
| Crew / Survey Boat                       |           | M/V Speedy  |        | 600                          | 24:00                     | MISCELLANEOUS                      | 00:00             | 01:10                   | 0.0                                   |                                  |  |
|  |           |   |        |                              |                           | TOTALS                             | 00:00             | 09:38                   | 0.0                                   |                                  |  |
| LOST TIME:                               |           |   |        |                              |                           |                                    |                   |                         |                                       |                                  |  |
|  |           |   |        |                              |                           | MAJOR REPAIRS AND ALTERNATIONS     | 00:00             | 00:00                   | 0.0                                   |                                  |  |
|  |           |   |        |                              |                           | CESSATION:                         | 00:00             | 00:00                   | 0.0                                   |                                  |  |
|  |           |   |        |                              |                           | COLLISIONS:                        | 00:00             | 00:00                   | 0.0                                   |                                  |  |
|  |           |   |        |                              |                           | TOTALS:                            | 00:00             | 00:00                   | 0.0                                   |                                  |  |
|  |           |   |        |                              |                           | TOTAL TIME/MILES:                  | 00:00             | 24:00                   | 0.0                                   |                                  |  |

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| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 2 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>18         |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/03/2013                    |                                 |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Failed second leak-test. QA allowed us to pump first load with material. No leakage with material in the hopper. The Dredge Glenn Edwards began the first load at 0828 working in A.S. #1 from Sta. 9+30 to 32+76 digging to a grade of 48'+2' . Cycle times estimated at 7-8 hour cycle times (30 minutes pumping, 6-7 hour round trip)

No incidents involving endangered species occurred.

**SAFETY**

Safety walkthrough USACE QA inspector Carlos Pettaway.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |  |   |               |   |                |                                       |                              |   |                     | PAGE NO.<br>Page 3 of 69 |               |                    |
|--|--|---|---------------|---|----------------|---------------------------------------|------------------------------|---|---------------------|--------------------------|---------------|--------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |  | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |               |   |                | CONTRACTOR<br>Manson Construction Co. |                              |   |                     | REPORT NO.<br>19         |               |                    |
| CHARACTER OF REPORT                      |  | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |               |   |                |                                       |                              | DATE<br>05/04/2013                              |                     |                          |               |                    |
| DREDGE<br>Glenn Edwards                  |  | HOPPER CAP: 13572 CY  |               | AVG VOL OF BIN WATER: 180 CY                    |                | AVG UNFILLED CAP: 13392 CY            |                              |   |                     |                          |               |                    |
|  |  | NO. OF CREW MEMBERS   | DREDGE<br>18  | OTHER PLANT<br>1                                | WORK SCHEDULE  | SHIFTS PER DAY<br>2                   | DAYS PER WEEK<br>7           |   |                     |                          |               |                    |
| LOCATION OF WORK                         |  | LOCATION CHANNEL<br>Mobile Harbor Channel   |               | REACH DREDGED; STA TO STA<br>Sta. 9+30 to 32+76 |                | DISPOSAL AREA USE<br>DA 1 and 2       | QTY DEPOSITED GROSS(CY)<br>0 | CUMULATIVE AND QTY DEPOSIT FOR DA(CY)<br>24,046 |                     |                          |               |                    |
|  |  | AVG LENGTH OF CUT<br>2400 FT  |               | AVG WIDTH OF CUT<br>1000 FT                     |                | AVG DIST TO DUMP<br>39 NM             |                              |   |                     |                          |               |                    |
| CHARACTER OF MATERIAL                    |  | DENSITY OF MATERIALS  |               |   |                | 1.35                                  |                              | GMS/LITER                                       |                     | 1.35                     |               |                    |
|  |  | DENSITY OF WATER  |               |   |                | 1.0010                                |                              | GMS/LITER@                                      |                     | 68 °F                    |               |                    |
| RIVER/TIDE STAGE                         |  | MIN   | -0.38         | TIME  | 05:30          | MAX                                   | 1.63                         | TIME  | 23:59               |                          | GAGE LOCATION | Mobile State Docks |
|  |  | MIN   | 0.00          | TIME  | 00:00          | MAX                                   | 0.00                         | TIME  | 00:00               |                          | GAGE DATUM    | MLLW               |
| WEATHER CONDITION                        |  | WEATHER<br>Weather Caused No Delay  |               |   |                | TEMP<br>45 °F / 70 °F                 |                              | VISIBILITY<br>10 MI                             |                     | WIND<br>NNW 10-25 MPH    |               |                    |
| DRAFT                                    |  |   |               |   |                | DISTRIBUTION OF TIME AND MILES RUN    |                              |   |                     |                          |               |                    |
|  |  | LIGHT   |               | LOADED  |                |                                       |                              | AGITATING (MIN)                                 | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)      |               |                    |
| FORWARD                                  |  | 10  |               | 27  |                | EFFECTIVE WORKING TIME:               |                              |   |                     |                          |               |                    |
| AFT                                      |  | 16  |               | 28  |                | PUMPING:                              | 00:00                        | 01:22   | 0.0                 |                          |               |                    |
| DRAG DEPTH                               |  | MAX 0   |               | MIN 0   |                | TURNING:                              | 00:00                        | 00:00   | 0.0                 |                          |               |                    |
| INDICATORS LAST CHECKED ON               |  | 05/03/2013  |               |   |                |                                       |                              |   |                     |                          |               |                    |
| AVERAGE SPEED OF DREDGE DURING LOADING   |  | FT/MIN  | 0             |   | TO DUMP:       | 00:00                                 | 11:01                        | 0.0   |                     |                          |               |                    |
| AVERAGE SPEED OF DREDGE DURING AGITATING |  | FT/MIN  | 0             |   | CONNECTING:    | 00:00                                 | 00:00                        | 0.0   |                     |                          |               |                    |
| GALLONS OF FUEL OIL CONSUMED             |  | GAL   | 5,528         |   | DUMPING:       | 00:00                                 | 00:07                        | 0.0   |                     |                          |               |                    |
| GALLONS OF WATER CONSUMED                |  | GAL   | 936           |   | DISCONNECTING: | 00:00                                 | 00:00                        | 0.0   |                     |                          |               |                    |
|  |  |   |               |   |                | TO CUT:                               | 00:00                        | 11:30   | 0.0                 |                          |               |                    |
|  |  |   |               |   |                | TOTALS:                               | 00:00                        | 24:00   | 0.0                 |                          |               |                    |
| WORK PERFORMED                           |  |   |               |   |                | NON-EFFECTIVE WORKING TIME:           |                              |   |                     |                          |               |                    |
|  |  |   |               |   |                | TAKING ON FUEL AND SUPPLIES           | 00:00                        | 00:00   | 0.0                 |                          |               |                    |
|  |  |   |               |   |                | TO AND FROM WHARF OR ANCHORAGE:       | 00:00                        | 00:00   | 0.0                 |                          |               |                    |
| NO.OF LOADS                              |  | TOTAL CYS   | DISPOSAL AREA |   | TOTAL CYS      | LOSS DUE TO NATURAL ELEMENTS:         | 00:00                        | 00:00   | 0.0                 |                          |               |                    |
|  |  |   |               |   |                | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00                        | 00:00   | 0.0                 |                          |               |                    |
|  |  |   |               |   |                | MINOR OPERATING REPAIRS               | 00:00                        | 00:00   | 0.0                 |                          |               |                    |
|  |  |   |               |   |                | TRANSFERRING BETWEEN WORKS            | 00:00                        | 00:00   | 0.0                 |                          |               |                    |
|  |  |   |               |   |                | LAY TIME:                             | 00:00                        | 00:00   | 0.0                 |                          |               |                    |
| ITEM                                     |  | NAME OR NUMBER  |               | H.P.  | HOURS          | FIRE AND BOAT DRILLS:                 | 00:00                        | 00:00   | 0.0                 |                          |               |                    |
| Crew / Survey Boat                       |  | M/V Speedy  |               | 600   | 24:00          | MISCELLANEOUS                         | 00:00                        | 00:00   | 0.0                 |                          |               |                    |
|  |  |   |               |   |                | TOTALS                                | 00:00                        | 00:00   | 0.0                 |                          |               |                    |
|  |  |   |               |   |                | LOST TIME:                            |                              |   |                     |                          |               |                    |
|  |  |   |               |   |                | MAJOR REPAIRS AND ALTERNATIONS        | 00:00                        | 00:00   | 0.0                 |                          |               |                    |
|  |  |   |               |   |                | CESSATION:                            | 00:00                        | 00:00   | 0.0                 |                          |               |                    |
|  |  |   |               |   |                | COLLISIONS:                           | 00:00                        | 00:00   | 0.0                 |                          |               |                    |
|  |  |   |               |   |                | TOTALS:                               | 00:00                        | 00:00   | 0.0                 |                          |               |                    |
|  |  |   |               |   |                | TOTAL TIME/MILES:                     | 00:00                        | 24:00   | 0.0                 |                          |               |                    |

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| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 4 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>19         |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/04/2013                    |                                 |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Glenn Edwards continued working in A.S. #1 from Sta. 9+30 to 32+76 digging to a grade of 48'+2'

No Delays today.

No incidents involving endangered species occurred.

**SAFETY**

Weekly fire & boat drill & safety meeting.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |  |   |  |                           |                |                                       |       |                             |                     | PAGE NO.<br>Page 5 of 69         |                                       |
|--|--|---|--|---------------------------|----------------|---------------------------------------|-------|-----------------------------|---------------------|----------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |  | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |                | CONTRACTOR<br>Manson Construction Co. |       |                             |                     | REPORT NO.<br>20                 |                                       |
| CHARACTER OF REPORT                      |  | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |                |                                       |       | DATE<br>05/05/2013          |                     |                                  |                                       |
| DREDGE<br>Glenn Edwards                  |  | HOPPER CAP: 13572 CY  |  |                           |                | AVG VOL OF BIN WATER: 180 CY          |       |                             |                     | AVG UNFILLED CAP: 13392 CY       |                                       |
|  |  | NO. OF CREW MEMBERS   |  | DREDGE                    |                | OTHER PLANT                           |       | WORK SCHEDULE               |                     | SHIFTS PER DAY                   | DAYS PER WEEK                         |
| LOCATION OF WORK                         |  | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |                |                                       |       | DISPOSAL AREA USE           |                     | QTY DEPOSITED GROSS(CY)          | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |  | Mobile Harbor Channel   |  | Sta. 9+30 to 32+76        |                |                                       |       | DA 1 and 2                  |                     | 0                                | 48,002                                |
| CHARACTER OF MATERIAL                    |  | DENSITY OF MATERIALS  |  |                           |                | 1.35                                  |       |                             |                     | GMS/LITER 1.35                   |                                       |
|  |  | DENSITY OF WATER  |  |                           |                | 1.0010                                |       |                             |                     | GMS/LITER@ 68 °F                 |                                       |
| RIVER/TIDE STAGE                         |  | MIN -0.02   |  | TIME 20:24                |                | MAX 1.62                              |       | TIME 00:00                  |                     | GAGE LOCATION Mobile State Docks |                                       |
|  |  | MIN 0.00  |  | TIME 00:00                |                | MAX 0.00                              |       | TIME 00:00                  |                     | GAGE DATUM MLLW                  |                                       |
| WEATHER CONDITION                        |  | WEATHER<br>Weather Caused No Delay  |  |                           |                | TEMP<br>48 °F / 69 °F                 |       | VISIBILITY<br>10 MI         |                     | WIND<br>W 4-28 MPH               |                                       |
| DRAFT                                    |  |   |  |                           |                | DISTRIBUTION OF TIME AND MILES RUN    |       |                             |                     |                                  |                                       |
|  |  | LIGHT   |  | LOADED                    |                |                                       |       | AGITATING (MIN)             | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)              |                                       |
| FORWARD                                  |  | 9   |  | 27                        |                | EFFECTIVE WORKING TIME:               |       |                             |                     |                                  |                                       |
| AFT                                      |  | 17  |  | 28                        |                | PUMPING:                              | 00:00 | 01:18                       | 0.0                 |                                  |                                       |
| DRAG DEPTH                               |  | MAX 0   |  | MIN 0                     |                | TURNING:                              | 00:00 | 00:00                       | 0.0                 |                                  |                                       |
| INDICATORS LAST CHECKED ON               |  | 05/05/2013  |  | TO DUMP:                  | 00:00          | 11:18                                 | 0.0   |                             |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |  | FT/MIN  |  | 0                         | CONNECTING:    | 00:00                                 | 00:00 | 0.0                         |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |  | FT/MIN  |  | 0                         | DUMPING:       | 00:00                                 | 00:10 | 0.0                         |                     |                                  |                                       |
| GALLONS OF FUEL OIL CONSUMED             |  | GAL   |  | 5,993                     | DISCONNECTING: | 00:00                                 | 00:00 | 0.0                         |                     |                                  |                                       |
| GALLONS OF WATER CONSUMED                |  | GAL   |  | 1,248                     | TO CUT:        | 00:00                                 | 11:14 | 0.0                         |                     |                                  |                                       |
| WORK PERFORMED                           |  |   |  |                           |                | TOTALS:                               | 00:00 | 24:00                       | 0.0                 |                                  |                                       |
| DREDGING AND HAULING                     |  |   |  |                           |                | NON-EFFECTIVE WORKING TIME:           |       |                             |                     |                                  |                                       |
| NO. OF LOADS                             |  | TOTAL CYS   |  | DISPOSAL AREA             |                | TOTAL CYS                             |       | TAKING ON FUEL AND SUPPLIES | 00:00               | 00:00                            | 0.0                                   |
| AGITATING                                |  |   |  |                           |                | TO AND FROM WHARF OR ANCHORAGE:       | 00:00 | 00:00                       | 0.0                 |                                  |                                       |
| ATTENDANT PLANT                          |  |   |  |                           |                | LOSS DUE TO NATURAL ELEMENTS:         | 00:00 | 00:00                       | 0.0                 |                                  |                                       |
| ITEM                                     |  | NAME OR NUMBER  |  | H.P.                      | HOURS          | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:00                       | 0.0                 |                                  |                                       |
| Crew / Survey Boat                       |  | M/V Speedy M  |  | 600                       | 24:00          | MINOR OPERATING REPAIRS               | 00:00 | 00:00                       | 0.0                 |                                  |                                       |
|  |  |   |  |                           |                | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00                       | 0.0                 |                                  |                                       |
|  |  |   |  |                           |                | LAY TIME:                             | 00:00 | 00:00                       | 0.0                 |                                  |                                       |
|  |  |   |  |                           |                | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00                       | 0.0                 |                                  |                                       |
|  |  |   |  |                           |                | MISCELLANEOUS                         | 00:00 | 00:00                       | 0.0                 |                                  |                                       |
|  |  |   |  |                           |                | TOTALS                                | 00:00 | 00:00                       | 0.0                 |                                  |                                       |
|  |  |   |  |                           |                | LOST TIME:                            |       |                             |                     |                                  |                                       |
|  |  |   |  |                           |                | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00                       | 0.0                 |                                  |                                       |
|  |  |   |  |                           |                | CESSATION:                            | 00:00 | 00:00                       | 0.0                 |                                  |                                       |
|  |  |   |  |                           |                | COLLISIONS:                           | 00:00 | 00:00                       | 0.0                 |                                  |                                       |
|  |  |   |  |                           |                | TOTALS:                               | 00:00 | 00:00                       | 0.0                 |                                  |                                       |
|  |  |   |  |                           |                | TOTAL TIME/MILES:                     | 00:00 | 24:00                       | 0.0                 |                                  |                                       |

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|--|---|--|---------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 6 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>20         |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/05/2013                    |                                 |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Glenn Edwards continued working in A.S. #1 from Sta. 9+30 to 32+76 digging to a grade of 48'+2'

No Delays today.

No incidents involving endangered species occurred.

**SAFETY**

Weekly safety PMS inspections conducted

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |  |                         |   |        |                                    |                    |                                 |                            |                         | PAGE NO.                              |                     |
|--|--|-------------------------|---|--------|------------------------------------|--------------------|---------------------------------|----------------------------|-------------------------|---------------------------------------|---------------------|
|  |  |                         |   |        |                                    |                    |                                 |                            |                         | Page 7 of 69                          |                     |
| CONTRACT NO.                             |  |                         | CONTRACT TITLE  |        |                                    |                    | CONTRACTOR                      |                            |                         | REPORT NO.                            |                     |
| W91278-13-D-0005 0001                    |  |                         | Rental Hopper Dredge for Mobile Harbor  |        |                                    |                    | Manson Construction Co.         |                            |                         | 21                                    |                     |
| CHARACTER OF REPORT                      |  |                         | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |        |                                    |                    |                                 |                            | DATE                    |                                       |                     |
|  |  |                         |   |        |                                    |                    |                                 |                            | 05/06/2013              |                                       |                     |
| DREDGE                                   |  | HOPPER CAP: 13572 CY    |   |        | AVG VOL OF BIN WATER: 180 CY       |                    |                                 | AVG UNFILLED CAP: 13392 CY |                         |                                       |                     |
| Glenn Edwards                            |  | NO. OF CREW MEMBERS     | DREDGE  |        | OTHER PLANT                        | WORK SCHEDULE      |                                 | SHIFTS PER DAY             | DAYS PER WEEK           |                                       |                     |
|  |  | 18                      | 18  |        | 1                                  |                    |                                 | 2                          | 7                       |                                       |                     |
| LOCATION OF WORK                         |  | LOCATION CHANNEL        |   |        | REACH DREDGED; STA TO STA          |                    |                                 | DISPOSAL AREA USE          | QTY DEPOSITED GROSS(CY) | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |                     |
|  |  | Mobile Harbor Channel   |   |        | Sta. 9+30 to 32+76                 |                    |                                 | DA 1 and 2                 | 0                       | 68,609                                |                     |
|  |  | AVG LENGTH OF CUT       |   |        | AVG WIDTH OF CUT                   |                    |                                 | AVG DIST TO DUMP           |                         |                                       |                     |
|  |  | 2400 FT                 |   |        | 1000 FT                            |                    |                                 | 39 NM                      |                         |                                       |                     |
| CHARACTER OF MATERIAL                    |  | DENSITY OF MATERIALS    |   |        |                                    | 1.35               |                                 | GMS/LITER                  |                         | 1.35                                  |                     |
|  |  | DENSITY OF WATER        |   |        |                                    | 1.0010             |                                 | GMS/LITER@                 |                         | 69 °F                                 |                     |
| RIVER/TIDE STAGE                         |  | MIN                     | 0.41  | TIME   | 00:00                              | MAX                | 1.57                            | TIME                       | 10:12                   |                                       |                     |
|  |  | MIN                     | 0.64  | TIME   | 00:00                              | MAX                | 0.00                            | TIME                       | 00:00                   |                                       |                     |
|  |  | GAGE LOCATION           |   |        |                                    | Mobile State Docks |                                 |                            |                         |                                       |                     |
|  |  | GAGE DATUM              |   |        |                                    | MLLW               |                                 |                            |                         |                                       |                     |
| WEATHER CONDITION                        |  | WEATHER                 |   |        |                                    | TEMP               |                                 | VISIBILITY                 |                         | WIND                                  |                     |
|  |  | Weather Caused No Delay |   |        |                                    | 48 °F / 73 °F      |                                 | 4-8 MI                     |                         | WSW 5-18 MPH                          |                     |
| DRAFT                                    |  |                         |   |        | DISTRIBUTION OF TIME AND MILES RUN |                    |                                 |                            |                         |                                       |                     |
|  |  | LIGHT                   |   | LOADED |                                    |                    |                                 |                            | AGITATING (MIN)         | DREDGE & HAUL (MIN)                   | MILES RUN (NAUT MI) |
| FORWARD                                  |  | 8                       |   | 26     |                                    |                    | EFFECTIVE WORKING TIME:         |                            |                         |                                       |                     |
| AFT                                      |  | 15                      |   | 27     |                                    |                    | PUMPING:                        | 00:00                      | 00:52                   | 0.0                                   |                     |
| DRAG DEPTH                               |  | MAX 0                   |   | MIN 0  |                                    |                    | TURNING:                        | 00:00                      | 00:08                   | 0.0                                   |                     |
| INDICATORS LAST CHECKED ON               |  | 05/06/2013              |   |        | TO DUMP:                           | 00:00              | 12:18                           | 0.0                        |                         |                                       |                     |
| AVERAGE SPEED OF DREDGE DURING LOADING   |  | FT/MIN                  |   | 0      |                                    |                    | CONNECTING:                     | 00:00                      | 00:00                   | 0.0                                   |                     |
| AVERAGE SPEED OF DREDGE DURING AGITATING |  | FT/MIN                  |   | 0      |                                    |                    | DUMPING:                        | 00:00                      | 00:10                   | 0.0                                   |                     |
| GALLONS OF FUEL OIL CONSUMED             |  | GAL                     |   | 5,347  |                                    |                    | DISCONNECTING:                  | 00:00                      | 00:00                   | 0.0                                   |                     |
| GALLONS OF WATER CONSUMED                |  | GAL                     |   | 780    |                                    |                    | TO CUT:                         | 00:00                      | 10:32                   | 0.0                                   |                     |
|  |  |                         |   |        |                                    |                    | TOTALS:                         | 00:00                      | 24:00                   | 0.0                                   |                     |
|  |  |                         |   |        |                                    |                    | NON-EFFECTIVE WORKING TIME:     |                            |                         |                                       |                     |
|  |  |                         |   |        |                                    |                    | TAKING ON FUEL AND SUPPLIES     | 00:00                      | 00:00                   | 0.0                                   |                     |
|  |  |                         |   |        |                                    |                    | TO AND FROM WHARF OR ANCHORAGE: | 00:00                      | 00:00                   | 0.0                                   |                     |
|  |  |                         |   |        |                                    |                    | LOSS DUE TO NATURAL ELEMENTS:   | 00:00                      | 00:00                   | 0.0                                   |                     |
|  |  |                         |   |        |                                    |                    | LOSS DUE TO TRAFFIC AND BRIDGES | 00:00                      | 00:00                   | 0.0                                   |                     |
|  |  |                         |   |        |                                    |                    | MINOR OPERATING REPAIRS         | 00:00                      | 00:00                   | 0.0                                   |                     |
|  |  |                         |   |        |                                    |                    | TRANSFERRING BETWEEN WORKS      | 00:00                      | 00:00                   | 0.0                                   |                     |
|  |  |                         |   |        |                                    |                    | LAY TIME:                       | 00:00                      | 00:00                   | 0.0                                   |                     |
|  |  |                         |   |        |                                    |                    | FIRE AND BOAT DRILLS:           | 00:00                      | 00:00                   | 0.0                                   |                     |
|  |  |                         |   |        |                                    |                    | MISCELLANEOUS                   | 00:00                      | 00:00                   | 0.0                                   |                     |
|  |  |                         |   |        |                                    |                    | TOTALS                          | 00:00                      | 00:00                   | 0.0                                   |                     |
|  |  |                         |   |        |                                    |                    | LOST TIME:                      |                            |                         |                                       |                     |
|  |  |                         |   |        |                                    |                    | MAJOR REPAIRS AND ALTERNATIONS  | 00:00                      | 00:00                   | 0.0                                   |                     |
|  |  |                         |   |        |                                    |                    | CESSATION:                      | 00:00                      | 00:00                   | 0.0                                   |                     |
|  |  |                         |   |        |                                    |                    | COLLISIONS:                     | 00:00                      | 00:00                   | 0.0                                   |                     |
|  |  |                         |   |        |                                    |                    | TOTALS:                         | 00:00                      | 00:00                   | 0.0                                   |                     |
|  |  |                         |   |        |                                    |                    | TOTAL TIME/MILES:               | 00:00                      | 24:00                   | 0.0                                   |                     |

|  |   |  |                                 |
|--|---|--|---------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 8 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>21         |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/06/2013                    |                                 |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Glenn Edwards continued working in A.S. #1 from Sta. 9+30 to 32+76 digging to a grade of 48'+2'

No Delays today.

No incidents involving endangered species occurred.

**SAFETY**

Hiller Systems is on board conducting the yearly firefighting equipment inspections.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |



| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |                         |   |           |                                    |                       |                                 |                            |                         | PAGE NO.                              |                     |
|--|-----------|-------------------------|---|-----------|------------------------------------|-----------------------|---------------------------------|----------------------------|-------------------------|---------------------------------------|---------------------|
|  |           |                         |   |           |                                    |                       |                                 |                            |                         | Page 9 of 69                          |                     |
| CONTRACT NO.                             |           |                         | CONTRACT TITLE  |           |                                    |                       | CONTRACTOR                      |                            |                         | REPORT NO.                            |                     |
| W91278-13-D-0005 0001                    |           |                         | Rental Hopper Dredge for Mobile Harbor  |           |                                    |                       | Manson Construction Co.         |                            |                         | 22                                    |                     |
| CHARACTER OF REPORT                      |           |                         | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |           |                                    |                       |                                 |                            | DATE                    |                                       |                     |
|  |           |                         |   |           |                                    |                       |                                 |                            | 05/07/2013              |                                       |                     |
| DREDGE                                   |           | HOPPER CAP: 13572 CY    |   |           | AVG VOL OF BIN WATER: 180 CY       |                       |                                 | AVG UNFILLED CAP: 13392 CY |                         |                                       |                     |
| Glenn Edwards                            |           | NO. OF CREW MEMBERS     | DREDGE  |           | OTHER PLANT                        | WORK SCHEDULE         |                                 | SHIFTS PER DAY             | DAYS PER WEEK           |                                       |                     |
|  |           | 18                      | 18  |           | 1                                  |                       |                                 | 2                          | 7                       |                                       |                     |
| LOCATION OF WORK                         |           | LOCATION CHANNEL        |   |           | REACH DREDGED; STA TO STA          |                       |                                 | DISPOSAL AREA USE          | QTY DEPOSITED GROSS(CY) | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |                     |
|  |           | Mobile Harbor Channel   |   |           | Sta. 9+30 to 32+76                 |                       |                                 | DA 1 and 2                 | 0                       | 96,355                                |                     |
|  |           | AVG LENGTH OF CUT       |   |           | AVG WIDTH OF CUT                   |                       |                                 | AVG DIST TO DUMP           |                         | 39 NM                                 |                     |
|  |           | 2400 FT                 |   |           | 1000 FT                            |                       |                                 |                            |                         |                                       |                     |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS    |   |           |                                    | 1.35                  |                                 | GMS/LITER                  |                         | 1.35                                  |                     |
|  |           | DENSITY OF WATER        |   |           |                                    | 1.0010                |                                 | GMS/LITER@                 |                         | 69 °F                                 |                     |
| RIVER/TIDE STAGE                         |           | MIN                     | 0.46  | TIME      | 03:54                              | MAX                   | 1.57                            | TIME                       | 12:24                   | GAGE LOCATION                         | Mobile State Docks  |
|  |           | MIN                     | 0.47  | TIME      | 21:36                              | MAX                   | 0.00                            | TIME                       | 00:00                   | GAGE DATUM                            | MLLW                |
| WEATHER CONDITION                        |           | WEATHER                 |   |           |                                    | TEMP                  |                                 | VISIBILITY                 |                         | WIND                                  |                     |
|  |           | Weather Caused No Delay |   |           |                                    | 54 °F / 73 °F         |                                 | 10 MI                      |                         | Var. 4-11 MPH                         |                     |
| DRAFT                                    |           |                         |   |           | DISTRIBUTION OF TIME AND MILES RUN |                       |                                 |                            |                         |                                       |                     |
|  |           | LIGHT                   |   | LOADED    |                                    |                       |                                 |                            | AGITATING (MIN)         | DREDGE & HAUL (MIN)                   | MILES RUN (NAUT MI) |
| FORWARD                                  |           | 9                       |   | 27        |                                    |                       | EFFECTIVE WORKING TIME:         |                            |                         |                                       |                     |
| AFT                                      |           | 13                      |   | 27        |                                    |                       | PUMPING:                        | 00:00                      | 01:16                   | 0.0                                   |                     |
| DRAG DEPTH                               |           | MAX 0                   |   | MIN 0     |                                    |                       | TURNING:                        | 00:00                      | 00:00                   | 0.0                                   |                     |
| INDICATORS LAST CHECKED ON               |           | 05/07/2013              |   |           |                                    |                       |                                 |                            |                         |                                       |                     |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN                  |   | 0         |                                    |                       | TO DUMP:                        | 00:00                      | 12:55                   | 0.0                                   |                     |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN                  |   | 0         |                                    |                       | CONNECTING:                     | 00:00                      | 00:00                   | 0.0                                   |                     |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL                     |   | 4,870     |                                    |                       | DUMPING:                        | 00:00                      | 00:11                   | 0.0                                   |                     |
| GALLONS OF WATER CONSUMED                |           | GAL                     |   | 936       |                                    |                       | DISCONNECTING:                  | 00:00                      | 00:00                   | 0.0                                   |                     |
|  |           |                         |   |           |                                    |                       | TO CUT:                         | 00:00                      | 09:18                   | 0.0                                   |                     |
|  |           |                         |   |           |                                    |                       | TOTALS:                         | 00:00                      | 23:40                   | 0.0                                   |                     |
| WORK PERFORMED                           |           |                         |   |           | NON-EFFECTIVE WORKING TIME:        |                       |                                 |                            |                         |                                       |                     |
|  |           |                         |   |           | TAKING ON FUEL AND SUPPLIES        |                       | 00:00                           | 00:00                      | 0.0                     |                                       |                     |
| DREDGING AND HAULING                     |           |                         |   |           | AGITATING                          |                       | TO AND FROM WHARF OR ANCHORAGE: |                            | 00:00                   | 00:00                                 | 0.0                 |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA           |   | TOTAL CYS |                                    |                       | LOSS DUE TO NATURAL ELEMENTS:   |                            | 00:00                   | 00:00                                 | 0.0                 |
|  |           |                         |   |           |                                    |                       | LOSS DUE TO TRAFFIC AND BRIDGES |                            | 00:00                   | 00:00                                 | 0.0                 |
|  |           |                         |   |           |                                    |                       | MINOR OPERATING REPAIRS         |                            | 00:00                   | 00:20                                 | 0.0                 |
|  |           |                         |   |           |                                    |                       | TRANSFERRING BETWEEN WORKS      |                            | 00:00                   | 00:00                                 | 0.0                 |
| ATTENDANT PLANT                          |           |                         |   |           | LAY TIME:                          |                       | 00:00                           | 00:00                      | 0.0                     |                                       |                     |
| ITEM                                     |           | NAME OR NUMBER          |   | H.P.      | HOURS                              | FIRE AND BOAT DRILLS: |                                 | 00:00                      | 00:00                   | 0.0                                   |                     |
| Crew / Survey Boat                       |           | M/V Speedy              |   | 600       | 24:00                              | MISCELLANEOUS         |                                 | 00:00                      | 00:00                   | 0.0                                   |                     |
|  |           |                         |   |           |                                    | TOTALS                |                                 | 00:00                      | 00:20                   | 0.0                                   |                     |
|  |           |                         |   |           | LOST TIME:                         |                       |                                 |                            |                         |                                       |                     |
|  |           |                         |   |           | MAJOR REPAIRS AND ALTERNATIONS     |                       | 00:00                           | 00:00                      | 0.0                     |                                       |                     |
|  |           |                         |   |           | CESSATION:                         |                       | 00:00                           | 00:00                      | 0.0                     |                                       |                     |
|  |           |                         |   |           | COLLISIONS:                        |                       | 00:00                           | 00:00                      | 0.0                     |                                       |                     |
|  |           |                         |   |           | TOTALS:                            |                       | 00:00                           | 00:00                      | 0.0                     |                                       |                     |
|  |           |                         |   |           | TOTAL TIME/MILES:                  |                       | 00:00                           | 24:00                      | 0.0                     |                                       |                     |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 10 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>22          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/07/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Glenn Edwards continued working in A.S. #1 from Sta. 9+30 to 32+76 digging to a grade of 48'+2'

(1830 - 1850) 20 min. delay to calibrate draft

No incidents involving endangered species occurred.

**SAFETY**

Hiller Systems is on board conducting the yearly firefighting equipment inspections.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |  |                           |                |                                       |       |                     |                     | PAGE NO.<br>Page 11 of 69        |                                       |
|--|-----------|---|--|---------------------------|----------------|---------------------------------------|-------|---------------------|---------------------|----------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |                | CONTRACTOR<br>Manson Construction Co. |       |                     |                     | REPORT NO.<br>23                 |                                       |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |                |                                       |       |                     |                     | DATE<br>05/08/2013               |                                       |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |  |                           |                | AVG VOL OF BIN WATER: 180 CY          |       |                     |                     | AVG UNFILLED CAP: 13392 CY       |                                       |
|  |           | NO. OF CREW MEMBERS   |  | DREDGE                    |                | OTHER PLANT                           |       | WORK SCHEDULE       |                     | SHIFTS PER DAY                   | DAYS PER WEEK                         |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |                |                                       |       | DISPOSAL AREA USE   |                     | QTY DEPOSITED GROSS(CY)          | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |           | Mobile Harbor Channel   |  | Sta. 9+30 to 32+76        |                |                                       |       | DA 1 and 2          |                     | 0                                | 115,734                               |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |  |                           |                | 1.35                                  |       |                     |                     | GMS/LITER 1.35                   |                                       |
|  |           | DENSITY OF WATER  |  |                           |                | 1.0010                                |       |                     |                     | GMS/LITER@ 69 °F                 |                                       |
| RIVER/TIDE STAGE                         |           | MIN 0.18  |  | TIME 21:18                |                | MAX 1.61                              |       | TIME 10:48          |                     | GAGE LOCATION Mobile State Docks |                                       |
|  |           | MIN 0.00  |  | TIME 00:00                |                | MAX 0.00                              |       | TIME 00:00          |                     | GAGE DATUM MLLW                  |                                       |
| WEATHER CONDITION                        |           | WEATHER<br>Weather Caused No Delay  |  |                           |                | TEMP<br>57 °F / 78 °F                 |       | VISIBILITY<br>10 MI |                     | WIND<br>Calm - 12 SSE MPH        |                                       |
| DRAFT                                    |           |   |  |                           |                | DISTRIBUTION OF TIME AND MILES RUN    |       |                     |                     |                                  |                                       |
|  |           | LIGHT   |  | LOADED                    |                |                                       |       | AGITATING (MIN)     | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)              |                                       |
| FORWARD                                  |           | 9   |  | 27                        |                | EFFECTIVE WORKING TIME:               |       |                     |                     |                                  |                                       |
| AFT                                      |           | 13  |  | 27                        |                | PUMPING:                              | 00:00 | 00:52               | 0.0                 |                                  |                                       |
| DRAG DEPTH                               |           | MAX 0   |  | MIN 0                     |                | TURNING:                              | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| INDICATORS LAST CHECKED ON               |           | 05/08/2013  |  | TO DUMP:                  | 00:00          | 08:03                                 | 0.0   |                     |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  |  | 0                         | CONNECTING:    | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  |  | 0                         | DUMPING:       | 00:00                                 | 00:07 | 0.0                 |                     |                                  |                                       |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   |  | 4,097                     | DISCONNECTING: | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| GALLONS OF WATER CONSUMED                |           | GAL   |  | 936                       | TO CUT:        | 00:00                                 | 10:53 | 0.0                 |                     |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 19:55               | 0.0                 |                                  |                                       |
| NON-EFFECTIVE WORKING TIME:              |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
| WORK PERFORMED                           |           |   |  |                           |                | TAKING ON FUEL AND SUPPLIES           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| DREDGING AND HAULING                     |           |   |  | AGITATING                 |                | TO AND FROM WHARF OR ANCHORAGE:       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |  | TOTAL CYS                 |                | LOSS DUE TO NATURAL ELEMENTS:         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | MINOR OPERATING REPAIRS               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ATTENDANT PLANT                          |           |   |  |                           |                | LAY TIME:                             | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ITEM                                     |           | NAME OR NUMBER  |  | H.P.                      | HOURS          | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| Crew / Survey Boat                       |           | M/V Speedy  |  | 600                       | 24:00          | MISCELLANEOUS                         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS                                | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| LOST TIME:                               |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
|  |           |   |  |                           |                | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | CESSATION:                            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | COLLISIONS:                           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTAL TIME/MILES:                     | 00:00 | 19:55               | 0.0                 |                                  |                                       |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 12 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>23          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/08/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Glenn Edwards continued working in A.S. #1 from Sta. 9+30 to 32+76 digging to a grade of 48'+2'

Reduced spd for fog 10 to 5.5kts (10-5.5=4.5X426/10=192 min @ 70%)

Reduced spd for fog 10 to 5.5kts (12-5.5=6.5X97/12=53 min @ 70%)

No incidents involving endangered species occurred.

**SAFETY**

Schatt Harding on board for yearly rescue boat and lifeboat inspections, the inspections were completed and we are good for another year.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |  |   |  |               |  |                                    |  |                                 |  | PAGE NO.            |  |                         |  |                                       |  |       |  |               |  |                    |  |
|--|--|---|--|---------------|--|------------------------------------|--|---------------------------------|--|---------------------|--|-------------------------|--|---------------------------------------|--|-------|--|---------------|--|--------------------|--|
|  |  |   |  |               |  |                                    |  |                                 |  | Page 13 of 69       |  |                         |  |                                       |  |       |  |               |  |                    |  |
| CONTRACT NO.                             |  | CONTRACT TITLE  |  |               |  | CONTRACTOR                         |  |                                 |  | REPORT NO.          |  |                         |  |                                       |  |       |  |               |  |                    |  |
| W91278-13-D-0005 0001                    |  | Rental Hopper Dredge for Mobile Harbor  |  |               |  | Manson Construction Co.            |  |                                 |  | 24                  |  |                         |  |                                       |  |       |  |               |  |                    |  |
| CHARACTER OF REPORT                      |  | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |               |  |                                    |  | DATE                            |  | 05/09/2013          |  |                         |  |                                       |  |       |  |               |  |                    |  |
| DREDGE                                   |  | HOPPER CAP:   |  | 13572 CY      |  | AVG VOL OF BIN WATER:              |  | 180 CY                          |  | AVG UNFILLED CAP:   |  | 13392 CY                |  |                                       |  |       |  |               |  |                    |  |
| Glenn Edwards                            |  | NO. OF CREW MEMBERS   |  | DREDGE        |  | OTHER PLANT                        |  | WORK SCHEDULE                   |  | SHIFTS PER DAY      |  | DAYS PER WEEK           |  |                                       |  |       |  |               |  |                    |  |
|  |  |   |  | 18            |  | 1                                  |  |                                 |  | 2                   |  | 7                       |  |                                       |  |       |  |               |  |                    |  |
| LOCATION OF WORK                         |  | LOCATION CHANNEL  |  |               |  | REACH DREDGED; STA TO STA          |  |                                 |  | DISPOSAL AREA USE   |  | QTY DEPOSITED GROSS(CY) |  | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |  |       |  |               |  |                    |  |
|  |  | Mobile Harbor Channel   |  |               |  | Sta. 9+30 to 32+76                 |  |                                 |  | DA 1 and 2          |  | 0                       |  | 146,324                               |  |       |  |               |  |                    |  |
|  |  | AVG LENGTH OF CUT   |  |               |  | 2400 FT                            |  |                                 |  | AVG WIDTH OF CUT    |  | 1000 FT                 |  |                                       |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  |                                 |  | AVG DIST TO DUMP    |  | 39 NM                   |  |                                       |  |       |  |               |  |                    |  |
| CHARACTER OF MATERIAL                    |  | DENSITY OF MATERIALS  |  |               |  |                                    |  |                                 |  | 1.35                |  | GMS/LITER               |  | 1.35                                  |  |       |  |               |  |                    |  |
|  |  | DENSITY OF WATER  |  |               |  |                                    |  |                                 |  | 1.0010              |  | GMS/LITER@              |  | 69 °F                                 |  |       |  |               |  |                    |  |
| RIVER/TIDE STAGE                         |  | MIN   |  | 0.39          |  | TIME                               |  | 00:00                           |  | MAX                 |  | 1.86                    |  | TIME                                  |  | 12:30 |  | GAGE LOCATION |  | Mobile State Docks |  |
|  |  | MIN   |  | 0.56          |  | TIME                               |  | 21:06                           |  | MAX                 |  | 0.00                    |  | TIME                                  |  | 00:00 |  | GAGE DATUM    |  | MLLW               |  |
| WEATHER CONDITION                        |  | WEATHER   |  |               |  | TEMP                               |  |                                 |  | VISIBILITY          |  | WIND                    |  |                                       |  |       |  |               |  |                    |  |
|  |  | Weather Caused No Delay   |  |               |  | 59 °F / 78 °F                      |  |                                 |  | 10 MI               |  | SE 5-18 MPH             |  |                                       |  |       |  |               |  |                    |  |
| DRAFT                                    |  |   |  |               |  | DISTRIBUTION OF TIME AND MILES RUN |  |                                 |  |                     |  |                         |  |                                       |  |       |  |               |  |                    |  |
|  |  | LIGHT   |  | LOADED        |  |                                    |  | AGITATING (MIN)                 |  | DREDGE & HAUL (MIN) |  | MILES RUN (NAUT MI)     |  |                                       |  |       |  |               |  |                    |  |
| FORWARD                                  |  | 9   |  | 27            |  | EFFECTIVE WORKING TIME:            |  |                                 |  |                     |  |                         |  |                                       |  |       |  |               |  |                    |  |
| AFT                                      |  | 13  |  | 27            |  | PUMPING:                           |  | 00:00                           |  | 01:17               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| DRAG DEPTH                               |  | MAX 0   |  | MIN 0         |  | TURNING:                           |  | 00:00                           |  | 00:00               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| INDICATORS LAST CHECKED ON               |  | 05/09/2013  |  |               |  | TO DUMP:                           |  | 00:00                           |  | 13:01               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| AVERAGE SPEED OF DREDGE DURING LOADING   |  | FT/MIN  |  | 0             |  | CONNECTING:                        |  | 00:00                           |  | 00:00               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| AVERAGE SPEED OF DREDGE DURING AGITATING |  | FT/MIN  |  | 0             |  | DUMPING:                           |  | 00:00                           |  | 00:12               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| GALLONS OF FUEL OIL CONSUMED             |  | GAL   |  | 5,273         |  | DISCONNECTING:                     |  | 00:00                           |  | 00:00               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| GALLONS OF WATER CONSUMED                |  | GAL   |  | 1,092         |  | TO CUT:                            |  | 00:00                           |  | 09:30               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
|  |  |   |  |               |  | TOTALS:                            |  | 00:00                           |  | 24:00               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| NON-EFFECTIVE WORKING TIME:              |  |   |  |               |  |                                    |  |                                 |  |                     |  |                         |  |                                       |  |       |  |               |  |                    |  |
| WORK PERFORMED                           |  |   |  |               |  | TAKING ON FUEL AND SUPPLIES        |  | 00:00                           |  | 00:00               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| DREDGING AND HAULING                     |  |   |  | AGITATING     |  | TO AND FROM WHARF OR ANCHORAGE:    |  | 00:00                           |  | 00:00               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| NO.OF LOADS                              |  | TOTAL CYS   |  | DISPOSAL AREA |  | TOTAL CYS                          |  | LOSS DUE TO NATURAL ELEMENTS:   |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | LOSS DUE TO TRAFFIC AND BRIDGES |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | MINOR OPERATING REPAIRS         |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | TRANSFERRING BETWEEN WORKS      |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | LAY TIME:                       |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
| ITEM                                     |  | NAME OR NUMBER  |  | H.P.          |  | HOURS                              |  | FIRE AND BOAT DRILLS:           |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
| Crew / Survey Boat                       |  | M/V Speedy M  |  | 600           |  | 24:00                              |  | MISCELLANEOUS                   |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | TOTALS                          |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
| LOST TIME:                               |  |   |  |               |  |                                    |  |                                 |  |                     |  |                         |  |                                       |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | MAJOR REPAIRS AND ALTERNATIONS  |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | CESSATION:                      |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | COLLISIONS:                     |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | TOTALS:                         |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | TOTAL TIME/MILES:               |  | 00:00               |  | 24:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 14 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>24          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/09/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Glenn Edwards continued working in A.S. #1 from Sta. 9+30 to 32+76 digging to a grade of 48'+2'

No Delays today.

No incidents involving endangered species occurred.

**SAFETY**

Radio Holland on board for our yearly inspection and test of the Gyro's, GMDSS, Radios, RADAR's etc.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |  |                           |                |                                       |       |                       |                     | PAGE NO.<br>Page 15 of 69        |                                       |
|--|-----------|---|--|---------------------------|----------------|---------------------------------------|-------|-----------------------|---------------------|----------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |                | CONTRACTOR<br>Manson Construction Co. |       |                       |                     | REPORT NO.<br>25                 |                                       |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |                |                                       |       |                       |                     | DATE<br>05/10/2013               |                                       |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |  |                           |                | AVG VOL OF BIN WATER: 180 CY          |       |                       |                     | AVG UNFILLED CAP: 13392 CY       |                                       |
|  |           | NO. OF CREW MEMBERS   |  | DREDGE                    |                | OTHER PLANT                           |       | WORK SCHEDULE         |                     | SHIFTS PER DAY                   | DAYS PER WEEK                         |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |                |                                       |       | DISPOSAL AREA USE     |                     | QTY DEPOSITED GROSS(CY)          | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |           | Mobile Harbor Channel   |  | Sta. 9+30 to 32+76        |                |                                       |       | DA 1 and 2            |                     | 0                                | 165,516                               |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |  |                           |                | 1.0250                                |       |                       |                     | GMS/LITER 1.0250                 |                                       |
|  |           | DENSITY OF WATER  |  |                           |                | 1.0010                                |       |                       |                     | GMS/LITER@ 70 °F                 |                                       |
| RIVER/TIDE STAGE                         |           | MIN 0.78  |  | TIME 00:00                |                | MAX 2.35                              |       | TIME 14:06            |                     | GAGE LOCATION Mobile State Docks |                                       |
|  |           | MIN 0.54  |  | TIME 00:00                |                | MAX 0.00                              |       | TIME 00:00            |                     | GAGE DATUM MLLW                  |                                       |
| WEATHER CONDITION                        |           | WEATHER<br>Weather Caused No Delay  |  |                           |                | TEMP<br>75 °F / 66 °F                 |       | VISIBILITY<br>7-10 MI |                     | WIND<br>Var 5-20 MPH             |                                       |
| DRAFT                                    |           |   |  |                           |                | DISTRIBUTION OF TIME AND MILES RUN    |       |                       |                     |                                  |                                       |
|  |           | LIGHT   |  | LOADED                    |                |                                       |       | AGITATING (MIN)       | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)              |                                       |
| FORWARD                                  |           | 10  |  | 27                        |                | EFFECTIVE WORKING TIME:               |       |                       |                     |                                  |                                       |
| AFT                                      |           | 16  |  | 27                        |                | PUMPING:                              | 00:00 | 01:40                 | 0.0                 |                                  |                                       |
| DRAG DEPTH                               |           | MAX 0   |  | MIN 0                     |                | TURNING:                              | 00:00 | 00:10                 | 0.0                 |                                  |                                       |
| INDICATORS LAST CHECKED ON               |           | 05/10/2013  |  | TO DUMP:                  | 00:00          | 11:09                                 | 0.0   |                       |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  |  | 0                         | CONNECTING:    | 00:00                                 | 00:00 | 0.0                   |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  |  | 0                         | DUMPING:       | 00:00                                 | 00:11 | 0.0                   |                     |                                  |                                       |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   |  | 5,769                     | DISCONNECTING: | 00:00                                 | 00:00 | 0.0                   |                     |                                  |                                       |
| GALLONS OF WATER CONSUMED                |           | GAL   |  | 936                       | TO CUT:        | 00:00                                 | 10:50 | 0.0                   |                     |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 24:00                 | 0.0                 |                                  |                                       |
| NON-EFFECTIVE WORKING TIME:              |           |   |  |                           |                |                                       |       |                       |                     |                                  |                                       |
| WORK PERFORMED                           |           |   |  |                           |                | TAKING ON FUEL AND SUPPLIES           | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
| DREDGING AND HAULING                     |           |   |  | AGITATING                 |                | TO AND FROM WHARF OR ANCHORAGE:       | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |  | TOTAL CYS                 |                | LOSS DUE TO NATURAL ELEMENTS:         | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | MINOR OPERATING REPAIRS               | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
| ATTENDANT PLANT                          |           |   |  |                           |                | LAY TIME:                             | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
| ITEM                                     |           | NAME OR NUMBER  |  | H.P.                      | HOURS          | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
| Crew / Survey Boat                       |           | M/V Speedy M  |  | 600                       | 24:00          | MISCELLANEOUS                         | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS                                | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
| LOST TIME:                               |           |   |  |                           |                |                                       |       |                       |                     |                                  |                                       |
|  |           |   |  |                           |                | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | CESSATION:                            | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | COLLISIONS:                           | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTAL TIME/MILES:                     | 00:00 | 24:00                 | 0.0                 |                                  |                                       |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 16 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>25          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/10/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Glenn Edwards continued working in A.S. #1 from Sta. 9+30 to 32+76 digging to a grade of 48'+2'

No Delays today.

No incidents involving endangered species occurred.

Dredge to begin overflow tests in 15 min. increments

**SAFETY**

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |



| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |  |                           |                |                                       |       |                       |                     | PAGE NO.<br>Page 17 of 69        |                                       |
|--|-----------|---|--|---------------------------|----------------|---------------------------------------|-------|-----------------------|---------------------|----------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |                | CONTRACTOR<br>Manson Construction Co. |       |                       |                     | REPORT NO.<br>26                 |                                       |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |                |                                       |       |                       |                     | DATE<br>05/11/2013               |                                       |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |  |                           |                | AVG VOL OF BIN WATER: 180 CY          |       |                       |                     | AVG UNFILLED CAP: 13392 CY       |                                       |
|  |           | NO. OF CREW MEMBERS   |  | DREDGE                    |                | OTHER PLANT                           |       | WORK SCHEDULE         |                     | SHIFTS PER DAY                   | DAYS PER WEEK                         |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |                |                                       |       | DISPOSAL AREA USE     |                     | QTY DEPOSITED GROSS(CY)          | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |           | Mobile Harbor Channel   |  | Sta. 9+30 to 32+76        |                |                                       |       | DA 1 and 2            |                     | 0                                | 195,490                               |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |  |                           |                | 1.0250                                |       |                       |                     | GMS/LITER 1.0250                 |                                       |
|  |           | DENSITY OF WATER  |  |                           |                | 1.0010                                |       |                       |                     | GMS/LITER@ 70 °F                 |                                       |
| RIVER/TIDE STAGE                         |           | MIN 0.21  |  | TIME 01:36                |                | MAX 2.52                              |       | TIME 12:00            |                     | GAGE LOCATION Mobile State Docks |                                       |
|  |           | MIN 0.45  |  | TIME 00:00                |                | MAX 0.00                              |       | TIME 00:00            |                     | GAGE DATUM MLLW                  |                                       |
| WEATHER CONDITION                        |           | WEATHER<br>Weather Caused No Delay  |  |                           |                | TEMP<br>62 °F / 73 °F                 |       | VISIBILITY<br>5-10 MI |                     | WIND<br>Var. Calm to 10 MPH      |                                       |
| DRAFT                                    |           |   |  |                           |                | DISTRIBUTION OF TIME AND MILES RUN    |       |                       |                     |                                  |                                       |
|  |           | LIGHT   |  | LOADED                    |                |                                       |       | AGITATING (MIN)       | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)              |                                       |
| FORWARD                                  |           | 9   |  | 28                        |                | EFFECTIVE WORKING TIME:               |       |                       |                     |                                  |                                       |
| AFT                                      |           | 14  |  | 27                        |                | PUMPING:                              | 00:00 | 01:25                 | 0.0                 |                                  |                                       |
| DRAG DEPTH                               |           | MAX 0   |  | MIN 0                     |                | TURNING:                              | 00:00 | 00:17                 | 0.0                 |                                  |                                       |
| INDICATORS LAST CHECKED ON               |           | 05/11/2013  |  | TO DUMP:                  | 00:00          | 10:38                                 | 0.0   |                       |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  |  | 0                         | CONNECTING:    | 00:00                                 | 00:00 | 0.0                   |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  |  | 0                         | DUMPING:       | 00:00                                 | 00:09 | 0.0                   |                     |                                  |                                       |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   |  | 5,344                     | DISCONNECTING: | 00:00                                 | 00:00 | 0.0                   |                     |                                  |                                       |
| GALLONS OF WATER CONSUMED                |           | GAL   |  | 1,248                     | TO CUT:        | 00:00                                 | 11:31 | 0.0                   |                     |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 24:00                 | 0.0                 |                                  |                                       |
| NON-EFFECTIVE WORKING TIME:              |           |   |  |                           |                |                                       |       |                       |                     |                                  |                                       |
| WORK PERFORMED                           |           |   |  |                           |                | TAKING ON FUEL AND SUPPLIES           | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
| DREDGING AND HAULING                     |           |   |  | AGITATING                 |                | TO AND FROM WHARF OR ANCHORAGE:       | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |  | TOTAL CYS                 |                | LOSS DUE TO NATURAL ELEMENTS:         | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | MINOR OPERATING REPAIRS               | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
| ATTENDANT PLANT                          |           |   |  |                           |                | LAY TIME:                             | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
| ITEM                                     |           | NAME OR NUMBER  |  | H.P.                      | HOURS          | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
| Crew / Survey Boat                       |           | M/V Speedy M  |  | 600                       | 24:00          | MISCELLANEOUS                         | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS                                | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
| LOST TIME:                               |           |   |  |                           |                |                                       |       |                       |                     |                                  |                                       |
|  |           |   |  |                           |                | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | CESSATION:                            | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | COLLISIONS:                           | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 00:00                 | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTAL TIME/MILES:                     | 00:00 | 24:00                 | 0.0                 |                                  |                                       |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 18 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>26          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/11/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Glenn Edwards continued working in A.S. #1 from Sta. 9+30 to 32+76 digging to a grade of 48'+2'

No Delays today.

Dredge continued overflow tests in 15 min. increments

No incidents involving endangered species occurred.

**SAFETY**

Weekly fire drill & safety meeting. Simulated fire in aft welding shop, suited up 2 teams and attacked fire. We are currently preparing for the COI, and honing our skills for it.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |  |                           |                |                                       |       |                     |                     | PAGE NO.<br>Page 19 of 69        |                                       |
|--|-----------|---|--|---------------------------|----------------|---------------------------------------|-------|---------------------|---------------------|----------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |                | CONTRACTOR<br>Manson Construction Co. |       |                     |                     | REPORT NO.<br>27                 |                                       |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |                |                                       |       |                     |                     | DATE<br>05/12/2013               |                                       |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |  |                           |                | AVG VOL OF BIN WATER: 180 CY          |       |                     |                     | AVG UNFILLED CAP: 13392 CY       |                                       |
|  |           | NO. OF CREW MEMBERS   |  | DREDGE                    |                | OTHER PLANT                           |       | WORK SCHEDULE       |                     | SHIFTS PER DAY                   | DAYS PER WEEK                         |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |                |                                       |       | DISPOSAL AREA USE   |                     | QTY DEPOSITED GROSS(CY)          | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |           | Mobile Harbor Channel   |  | Sta. 9+30 to 32+76        |                |                                       |       | DA 1 and 2          |                     | 0                                | 218,240                               |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |  |                           |                | 1.0350                                |       |                     |                     | GMS/LITER 1.0350                 |                                       |
|  |           | DENSITY OF WATER  |  |                           |                | 1001                                  |       |                     |                     | GMS/LITER@ 70 °F                 |                                       |
| RIVER/TIDE STAGE                         |           | MIN 0.39  |  | TIME 00:54                |                | MAX 2.12                              |       | TIME 14:30          |                     | GAGE LOCATION Mobile State Docks |                                       |
|  |           | MIN 0.20  |  | TIME 00:00                |                | MAX 0.00                              |       | TIME 00:00          |                     | GAGE DATUM MLLW                  |                                       |
| WEATHER CONDITION                        |           | WEATHER<br>Weather Caused No Delay  |  |                           |                | TEMP<br>62 °F / 80 °F                 |       | VISIBILITY<br>10 MI |                     | WIND<br>N'y 5-10 MPH             |                                       |
| DRAFT                                    |           |   |  |                           |                | DISTRIBUTION OF TIME AND MILES RUN    |       |                     |                     |                                  |                                       |
|  |           | LIGHT   |  | LOADED                    |                |                                       |       | AGITATING (MIN)     | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)              |                                       |
| FORWARD                                  |           | 10  |  | 26                        |                | EFFECTIVE WORKING TIME:               |       |                     |                     |                                  |                                       |
| AFT                                      |           | 16  |  | 26                        |                | PUMPING:                              | 00:00 | 00:59               | 0.0                 |                                  |                                       |
| DRAG DEPTH                               |           | MAX 0   |  | MIN 0                     |                | TURNING:                              | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| INDICATORS LAST CHECKED ON               |           | 05/12/2013  |  | TO DUMP:                  | 00:00          | 11:40                                 | 0.0   |                     |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  |  | 0                         | CONNECTING:    | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  |  | 0                         | DUMPING:       | 00:00                                 | 00:14 | 0.0                 |                     |                                  |                                       |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   |  | 5,473                     | DISCONNECTING: | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| GALLONS OF WATER CONSUMED                |           | GAL   |  | 936                       | TO CUT:        | 00:00                                 | 11:07 | 0.0                 |                     |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 24:00               | 0.0                 |                                  |                                       |
| NON-EFFECTIVE WORKING TIME:              |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
| WORK PERFORMED                           |           |   |  |                           |                | TAKING ON FUEL AND SUPPLIES           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| DREDGING AND HAULING                     |           |   |  | AGITATING                 |                | TO AND FROM WHARF OR ANCHORAGE:       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |  | TOTAL CYS                 |                | LOSS DUE TO NATURAL ELEMENTS:         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | MINOR OPERATING REPAIRS               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ATTENDANT PLANT                          |           |   |  |                           |                | LAY TIME:                             | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ITEM                                     |           | NAME OR NUMBER  |  | H.P.                      | HOURS          | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| Crew / Survey Boat                       |           | M/V Speedy M  |  | 600                       | 24:00          | MISCELLANEOUS                         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS                                | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| LOST TIME:                               |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
|  |           |   |  |                           |                | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | CESSATION:                            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | COLLISIONS:                           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTAL TIME/MILES:                     | 00:00 | 24:00               | 0.0                 |                                  |                                       |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 20 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>27          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/12/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Glenn Edwards continued working in A.S. #1 from Sta. 9+30 to 32+76 digging to a grade of 48'+2'.

No Delays today.

Dredge continued overflow tests in 15 min. increments

No incidents involving endangered speCies occurred.

**SAFETY**

Conducted Sunday valve test.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |  |   |                |                                       |       |                     |                     | PAGE NO.<br>Page 21 of 69        |                                       |
|--|-----------|---|--|---|----------------|---------------------------------------|-------|---------------------|---------------------|----------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |   |                | CONTRACTOR<br>Manson Construction Co. |       |                     |                     | REPORT NO.<br>28                 |                                       |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |   |                |                                       |       |                     |                     | DATE<br>05/13/2013               |                                       |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |  |   |                | AVG VOL OF BIN WATER: 180 CY          |       |                     |                     | AVG UNFILLED CAP: 13392 CY       |                                       |
|  |           | NO. OF CREW MEMBERS   |  | DREDGE                                    |                | OTHER PLANT                           |       | WORK SCHEDULE       |                     | SHIFTS PER DAY                   | DAYS PER WEEK                         |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA                 |                |                                       |       | DISPOSAL AREA USE   |                     | QTY DEPOSITED GROSS(CY)          | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |           | Mobile Harbor Channel   |  | Sta. 9+30 to 32+76 ; Sta. 68+12 to 105+54 |                |                                       |       | DA 1 and 2          |                     | 0                                | 237,862                               |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |  |   |                | 1.0350                                |       |                     |                     | GMS/LITER 1.0350                 |                                       |
|  |           | DENSITY OF WATER  |  |   |                | 1.0010                                |       |                     |                     | GMS/LITER@ 70 °F                 |                                       |
| RIVER/TIDE STAGE                         |           | MIN 0.10  |  | TIME 01:18                                |                | MAX 2.06                              |       | TIME 14:24          |                     | GAGE LOCATION Mobile State Docks |                                       |
|  |           | MIN 0.24  |  | TIME 00:00                                |                | MAX 0.00                              |       | TIME 00:00          |                     | GAGE DATUM MLLW                  |                                       |
| WEATHER CONDITION                        |           | WEATHER<br>Weather Caused No Delay  |  |   |                | TEMP<br>50 °F / 77 °F                 |       | VISIBILITY<br>10 MI |                     | WIND<br>Var. 5-10 MPH            |                                       |
| DRAFT                                    |           |   |  |   |                | DISTRIBUTION OF TIME AND MILES RUN    |       |                     |                     |                                  |                                       |
|  |           | LIGHT   |  | LOADED                                    |                |                                       |       | AGITATING (MIN)     | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)              |                                       |
| FORWARD                                  |           | 10  |  | 25  |                | EFFECTIVE WORKING TIME:               |       |                     |                     |                                  |                                       |
| AFT                                      |           | 14  |  | 25  |                | PUMPING:                              | 00:00 | 01:19               | 0.0                 |                                  |                                       |
| DRAG DEPTH                               |           | MAX 0   |  | MIN 0                                     |                | TURNING:                              | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| INDICATORS LAST CHECKED ON               |           | 05/12/2013  |  | TO DUMP:                                  | 00:00          | 12:21                                 | 0.0   |                     |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  |  | 0   | CONNECTING:    | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  |  | 0   | DUMPING:       | 00:00                                 | 00:11 | 0.0                 |                     |                                  |                                       |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   |  | 5,473                                     | DISCONNECTING: | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| GALLONS OF WATER CONSUMED                |           | GAL   |  | 936                                       | TO CUT:        | 00:00                                 | 10:09 | 0.0                 |                     |                                  |                                       |
|  |           |   |  |   |                | TOTALS:                               | 00:00 | 24:00               | 0.0                 |                                  |                                       |
| NON-EFFECTIVE WORKING TIME:              |           |   |  |   |                |                                       |       |                     |                     |                                  |                                       |
| WORK PERFORMED                           |           |   |  |   |                | TAKING ON FUEL AND SUPPLIES           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| DREDGING AND HAULING                     |           |   |  | AGITATING                                 |                | TO AND FROM WHARF OR ANCHORAGE:       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |  | TOTAL CYS                                 |                | LOSS DUE TO NATURAL ELEMENTS:         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |   |                | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |   |                | MINOR OPERATING REPAIRS               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |   |                | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ATTENDANT PLANT                          |           |   |  |   |                | LAY TIME:                             | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ITEM                                     |           | NAME OR NUMBER  |  | H.P.                                      | HOURS          | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| Crew / Survey Boat                       |           | M/V Speedy M  |  | 600                                       | 24:00          | MISCELLANEOUS                         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |   |                | TOTALS                                | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| LOST TIME:                               |           |   |  |   |                |                                       |       |                     |                     |                                  |                                       |
|  |           |   |  |   |                | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |   |                | CESSATION:                            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |   |                | COLLISIONS:                           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |   |                | TOTALS:                               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |   |                | TOTAL TIME/MILES:                     | 00:00 | 24:00               | 0.0                 |                                  |                                       |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 22 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>28          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/13/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Glenn Edwards continued working in A.S. #1 from Sta. 9+30 to 32+76 digging to a grade of 48'+2'. At 17:32 Glen Edwards moved to assignment #2: Mobile Harbor Lower Sump / Turning Basin Sta. 68+12 to 105+54. Dredging to a grade depth of 44'+2' concentrating on the west side of the channel.

USACE QA inspector Carlos Pettway onboard.

No Delays today.

Dredge continued overflow tests in 15 min. increments

No incidents involving endangered species occurred.

**SAFETY**

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE              |  |   |  |                           |  |                                       |  |                             |  | PAGE NO.<br>Page 23 of 69        |                                       |
|---|--|---|--|---------------------------|--|---------------------------------------|--|-----------------------------|--|----------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001             |  | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |  | CONTRACTOR<br>Manson Construction Co. |  |                             |  | REPORT NO.<br>29                 |                                       |
| CHARACTER OF REPORT                               |  | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |  |                                       |  |                             |  | DATE<br>05/14/2013               |                                       |
| DREDGE<br>Glenn Edwards                           |  | HOPPER CAP: 13572 CY  |  |                           |  | AVG VOL OF BIN WATER: 180 CY          |  |                             |  | AVG UNFILLED CAP: 13392 CY       |                                       |
|   |  | NO. OF CREW MEMBERS   |  | DREDGE                    |  | OTHER PLANT                           |  | WORK SCHEDULE               |  | SHIFTS PER DAY                   | DAYS PER WEEK                         |
| LOCATION OF WORK                                  |  | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |  |                                       |  | DISPOSAL AREA USE           |  | QTY DEPOSITED GROSS(CY)          | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|   |  | Mobile Harbor Channel   |  | Sta. 68+12 to 105+54      |  |                                       |  | DA 1 and 2                  |  | 0                                | 259,616                               |
| CHARACTER OF MATERIAL                             |  | AVG LENGTH OF CUT 3742 FT   |  |                           |  | AVG WIDTH OF CUT 500 FT               |  |                             |  | AVG DIST TO DUMP 38 NM           |                                       |
|   |  | DENSITY OF MATERIALS  |  |                           |  | 1.35                                  |  |                             |  | GMS/LITER 1.35                   |                                       |
| RIVER/TIDE STAGE                                  |  | DENSITY OF WATER  |  |                           |  | 1.0010                                |  |                             |  | GMS/LITER@ 70 °F                 |                                       |
|   |  | MIN 0.26  |  | TIME 01:24                |  | MAX 2.02                              |  | TIME 14:24                  |  | GAGE LOCATION Mobile State Docks |                                       |
| WEATHER CONDITION                                 |  | MIN 0.43  |  | TIME 00:00                |  | MAX 0.00                              |  | TIME 00:00                  |  | GAGE DATUM MLLW                  |                                       |
|   |  | WEATHER<br>Weather Caused No Delay  |  |                           |  | TEMP<br>53 °F / 77 °F                 |  | VISIBILITY<br>10 MI         |  | WIND<br>Calm to SE 5-15 MPH      |                                       |
| DRAFT   |  |   |  |                           |  | DISTRIBUTION OF TIME AND MILES RUN    |  |                             |  |                                  |                                       |
| LIGHT   |  | LOADED  |  |                           |  | AGITATING (MIN)                       |  | DREDGE & HAUL (MIN)         |  | MILES RUN (NAUT MI)              |                                       |
| FORWARD   |  | 10  |  | 25                        |  | EFFECTIVE WORKING TIME:               |  |                             |  |                                  |                                       |
| AFT   |  | 14  |  | 25                        |  | PUMPING:                              |  | 00:00                       |  | 02:24 0.0                        |                                       |
| DRAG DEPTH MAX 0 MIN 0                            |  |   |  |                           |  | TURNING:                              |  | 00:00                       |  | 00:12 0.0                        |                                       |
| INDICATORS LAST CHECKED ON 05/13/2013             |  |   |  |                           |  | TO DUMP:                              |  | 00:00                       |  | 12:30 0.0                        |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING FT/MIN 0   |  |   |  |                           |  | CONNECTING:                           |  | 00:00                       |  | 00:00 0.0                        |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING FT/MIN 0 |  |   |  |                           |  | DUMPING:                              |  | 00:00                       |  | 00:07 0.0                        |                                       |
| GALLONS OF FUEL OIL CONSUMED GAL 4,387            |  |   |  |                           |  | DISCONNECTING:                        |  | 00:00                       |  | 00:00 0.0                        |                                       |
| GALLONS OF WATER CONSUMED GAL 1,248               |  |   |  |                           |  | TO CUT:                               |  | 00:00                       |  | 08:47 0.0                        |                                       |
| WORK PERFORMED                                    |  |   |  |                           |  | TOTALS:                               |  | 00:00                       |  | 24:00 0.0                        |                                       |
| DREDGING AND HAULING                              |  |   |  |                           |  | NON-EFFECTIVE WORKING TIME:           |  |                             |  |                                  |                                       |
| NO.OF LOADS                                       |  | TOTAL CYS   |  | DISPOSAL AREA             |  | TOTAL CYS                             |  | TAKING ON FUEL AND SUPPLIES |  | 00:00 00:00 0.0                  |                                       |
| AGITATING   |  |   |  |                           |  | TO AND FROM WHARF OR ANCHORAGE:       |  | 00:00                       |  | 00:00 0.0                        |                                       |
| LOSS DUE TO NATURAL ELEMENTS:                     |  |   |  |                           |  | LOSS DUE TO NATURAL ELEMENTS:         |  | 00:00                       |  | 00:00 0.0                        |                                       |
| LOSS DUE TO TRAFFIC AND BRIDGES                   |  |   |  |                           |  | LOSS DUE TO TRAFFIC AND BRIDGES       |  | 00:00                       |  | 00:00 0.0                        |                                       |
| MINOR OPERATING REPAIRS                           |  |   |  |                           |  | MINOR OPERATING REPAIRS               |  | 00:00                       |  | 00:00 0.0                        |                                       |
| TRANSFERRING BETWEEN WORKS                        |  |   |  |                           |  | TRANSFERRING BETWEEN WORKS            |  | 00:00                       |  | 00:00 0.0                        |                                       |
| ATTENDANT PLANT                                   |  |   |  |                           |  | LAY TIME:                             |  | 00:00                       |  | 00:00 0.0                        |                                       |
| ITEM  |  | NAME OR NUMBER  |  | H.P.                      |  | HOURS                                 |  | FIRE AND BOAT DRILLS:       |  | 00:00 00:00 0.0                  |                                       |
| Crew / Survey Boat                                |  | M/V Speedy M  |  | 600                       |  | 24:00                                 |  | MISCELLANEOUS               |  | 00:00 00:00 0.0                  |                                       |
| TOTALS  |  |   |  |                           |  | TOTALS                                |  | 00:00                       |  | 00:00 0.0                        |                                       |
| LOST TIME:  |  |   |  |                           |  | LOST TIME:                            |  |                             |  |                                  |                                       |
| MAJOR REPAIRS AND ALTERNATIONS                    |  |   |  |                           |  | MAJOR REPAIRS AND ALTERNATIONS        |  | 00:00                       |  | 00:00 0.0                        |                                       |
| CESSATION:  |  |   |  |                           |  | CESSATION:                            |  | 00:00                       |  | 00:00 0.0                        |                                       |
| COLLISIONS:                                       |  |   |  |                           |  | COLLISIONS:                           |  | 00:00                       |  | 00:00 0.0                        |                                       |
| TOTALS:   |  |   |  |                           |  | TOTALS:                               |  | 00:00                       |  | 00:00 0.0                        |                                       |
| TOTAL TIME/MILES:                                 |  |   |  |                           |  | TOTAL TIME/MILES:                     |  | 00:00                       |  | 24:00 0.0                        |                                       |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 24 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>29          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/14/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Dredge Glenn Edwards continued working in A.S. #2 Mobile Harbor Lower Sump / Turning Basin Sta. 68+12 to 105+54. Dredging to a grade depth of 44'+2' concentrating on the west side of the channel.

USACE QA inspector Carlos Pettaway onboard.

No Delays today.

Dredge continued overflow tests in 15 min. increments

No incidents involving endangered species occurred.

**SAFETY**

.Deck maintenance continues with the good weather.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |



| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |  |                           |                |                                       |       |                     |                     | PAGE NO.<br>Page 25 of 69        |                                       |
|--|-----------|---|--|---------------------------|----------------|---------------------------------------|-------|---------------------|---------------------|----------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |                | CONTRACTOR<br>Manson Construction Co. |       |                     |                     | REPORT NO.<br>30                 |                                       |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |                |                                       |       |                     |                     | DATE<br>05/15/2013               |                                       |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |  |                           |                | AVG VOL OF BIN WATER: 180 CY          |       |                     |                     | AVG UNFILLED CAP: 13392 CY       |                                       |
|  |           | NO. OF CREW MEMBERS   |  | DREDGE                    |                | OTHER PLANT                           |       | WORK SCHEDULE       |                     | SHIFTS PER DAY                   | DAYS PER WEEK                         |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |                |                                       |       | DISPOSAL AREA USE   |                     | QTY DEPOSITED GROSS(CY)          | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |           | Mobile Harbor Channel   |  | Sta. 68+12 to 105+54      |                |                                       |       | DA 1 and 2          |                     | 0                                | 278,841                               |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |  |                           |                | 1.0350                                |       |                     |                     | GMS/LITER 1.0350                 |                                       |
|  |           | DENSITY OF WATER  |  |                           |                | 1.0010                                |       |                     |                     | GMS/LITER@ 71 °F                 |                                       |
| RIVER/TIDE STAGE                         |           | MIN 0.32  |  | TIME 01:54                |                | MAX 1.61                              |       | TIME 16:06          |                     | GAGE LOCATION Mobile State Docks |                                       |
|  |           | MIN 0.53  |  | TIME 00:00                |                | MAX 0.00                              |       | TIME 00:00          |                     | GAGE DATUM MLLW                  |                                       |
| WEATHER CONDITION                        |           | WEATHER<br>Weather Caused No Delay  |  |                           |                | TEMP<br>57 °F / 82 °F                 |       | VISIBILITY<br>10 MI |                     | WIND<br>S 4-12 MPH               |                                       |
| DRAFT                                    |           |   |  |                           |                | DISTRIBUTION OF TIME AND MILES RUN    |       |                     |                     |                                  |                                       |
|  |           | LIGHT   |  | LOADED                    |                |                                       |       | AGITATING (MIN)     | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)              |                                       |
| FORWARD                                  |           | 9   |  | 27                        |                | EFFECTIVE WORKING TIME:               |       |                     |                     |                                  |                                       |
| AFT                                      |           | 14  |  | 27                        |                | PUMPING:                              | 00:00 | 01:09               | 0.0                 |                                  |                                       |
| DRAG DEPTH                               |           | MAX 0   |  | MIN 0                     |                | TURNING:                              | 00:00 | 00:06               | 0.0                 |                                  |                                       |
| INDICATORS LAST CHECKED ON               |           | 05/14/2013  |  | TO DUMP:                  | 00:00          | 06:05                                 | 0.0   |                     |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  |  | 0                         | CONNECTING:    | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  |  | 0                         | DUMPING:       | 00:00                                 | 00:15 | 0.0                 |                     |                                  |                                       |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   |  | 4,151                     | DISCONNECTING: | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| GALLONS OF WATER CONSUMED                |           | GAL   |  | 936                       | TO CUT:        | 00:00                                 | 07:20 | 0.0                 |                     |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 14:55               | 0.0                 |                                  |                                       |
| NON-EFFECTIVE WORKING TIME:              |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
| WORK PERFORMED                           |           |   |  |                           |                | TAKING ON FUEL AND SUPPLIES           | 00:00 | 09:05               | 0.0                 |                                  |                                       |
| DREDGING AND HAULING                     |           |   |  | AGITATING                 |                | TO AND FROM WHARF OR ANCHORAGE:       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |  | TOTAL CYS                 |                | LOSS DUE TO NATURAL ELEMENTS:         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | MINOR OPERATING REPAIRS               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ATTENDANT PLANT                          |           |   |  |                           |                | LAY TIME:                             | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ITEM                                     |           | NAME OR NUMBER  |  | H.P.                      | HOURS          | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| Crew / Survey Boat                       |           | M/V Speedy M  |  | 600                       | 24:00          | MISCELLANEOUS                         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS                                | 00:00 | 09:05               | 0.0                 |                                  |                                       |
| LOST TIME:                               |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
|  |           |   |  |                           |                | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | CESSATION:                            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | COLLISIONS:                           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTAL TIME/MILES:                     | 00:00 | 24:00               | 0.0                 |                                  |                                       |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 26 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>30          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/15/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Glenn Edwards continued working in A.S. #2 Mobile Harbor Lower Sump / Turning Basin Sta. 68+12 to 105+54. Dredging to a grade depth of 44'+2' concentrating on the west side of the channel. Dredge continued overflow tests in 15 min. increments

545 min delay (0300-1205) for taking on fuel, water, and supplies. Water samples were taken and delivered to Test America in Mobile, AL

Crew change with the Captain, 2 dragtenders, 2 QMED's and 1st Assistant Engineer changing out. Engine Cadet from Maine Maritime Academy came aboard as well.

Deck maintenance continues with the good weather.

Magnatech onboard troubleshooting the center generator.

No incidents involving endangered species occurred.

**SAFETY**

Deck maintenance continues with the good weather.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |  |                           |                |                                       |       |                     |                     | PAGE NO.<br>Page 27 of 69        |                                       |
|--|-----------|---|--|---------------------------|----------------|---------------------------------------|-------|---------------------|---------------------|----------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |                | CONTRACTOR<br>Manson Construction Co. |       |                     |                     | REPORT NO.<br>31                 |                                       |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |                |                                       |       |                     |                     | DATE<br>05/16/2013               |                                       |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |  |                           |                | AVG VOL OF BIN WATER: 180 CY          |       |                     |                     | AVG UNFILLED CAP: 13392 CY       |                                       |
|  |           | NO. OF CREW MEMBERS   |  | DREDGE                    |                | OTHER PLANT                           |       | WORK SCHEDULE       |                     | SHIFTS PER DAY                   | DAYS PER WEEK                         |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |                |                                       |       | DISPOSAL AREA USE   |                     | QTY DEPOSITED GROSS(CY)          | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |           | Mobile Harbor Channel   |  | Sta. 68+12 to 105+54      |                |                                       |       | DA 1 and 2          |                     | 0                                | 301,967                               |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |  |                           |                | 1.35                                  |       |                     |                     | GMS/LITER 1.35                   |                                       |
|  |           | DENSITY OF WATER  |  |                           |                | 1.0010                                |       |                     |                     | GMS/LITER@ 71 °F                 |                                       |
| RIVER/TIDE STAGE                         |           | MIN 0.44  |  | TIME 01:36                |                | MAX 1.93                              |       | TIME 15:24          |                     | GAGE LOCATION Mobile State Docks |                                       |
|  |           | MIN 0.00  |  | TIME 00:00                |                | MAX 0.00                              |       | TIME 00:00          |                     | GAGE DATUM MLLW                  |                                       |
| WEATHER CONDITION                        |           | WEATHER<br>Weather Caused No Delay  |  |                           |                | TEMP<br>66 °F / 79 °F                 |       | VISIBILITY<br>10 MI |                     | WIND<br>Calm to SSE MPH          |                                       |
| DRAFT                                    |           |   |  |                           |                | DISTRIBUTION OF TIME AND MILES RUN    |       |                     |                     |                                  |                                       |
|  |           | LIGHT   |  | LOADED                    |                |                                       |       | AGITATING (MIN)     | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)              |                                       |
| FORWARD                                  |           | 10  |  | 26                        |                | EFFECTIVE WORKING TIME:               |       |                     |                     |                                  |                                       |
| AFT                                      |           | 15  |  | 26                        |                | PUMPING:                              | 00:00 | 01:38               | 0.0                 |                                  |                                       |
| DRAG DEPTH                               |           | MAX 0   |  | MIN 0                     |                | TURNING:                              | 00:00 | 00:06               | 0.0                 |                                  |                                       |
| INDICATORS LAST CHECKED ON               |           | 05/14/2013  |  | TO DUMP:                  | 00:00          | 11:39                                 | 0.0   |                     |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  |  | 0                         | CONNECTING:    | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  |  | 0                         | DUMPING:       | 00:00                                 | 00:09 | 0.0                 |                     |                                  |                                       |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   |  | 5,679                     | DISCONNECTING: | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| GALLONS OF WATER CONSUMED                |           | GAL   |  | 1,092                     | TO CUT:        | 00:00                                 | 10:28 | 0.0                 |                     |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 24:00               | 0.0                 |                                  |                                       |
| NON-EFFECTIVE WORKING TIME:              |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
| WORK PERFORMED                           |           |   |  |                           |                | TAKING ON FUEL AND SUPPLIES           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| DREDGING AND HAULING                     |           |   |  | AGITATING                 |                | TO AND FROM WHARF OR ANCHORAGE:       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |  | TOTAL CYS                 |                | LOSS DUE TO NATURAL ELEMENTS:         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | MINOR OPERATING REPAIRS               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ATTENDANT PLANT                          |           |   |  |                           |                | LAY TIME:                             | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ITEM                                     |           | NAME OR NUMBER  |  | H.P.                      | HOURS          | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| Crew / Survey Boat                       |           | M/V Speedy M  |  | 600                       | 24:00          | MISCELLANEOUS                         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS                                | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| LOST TIME:                               |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
|  |           |   |  |                           |                | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | CESSATION:                            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | COLLISIONS:                           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTAL TIME/MILES:                     | 00:00 | 24:00               | 0.0                 |                                  |                                       |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 28 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>31          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/16/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Glenn Edwards continued working in A.S. #2 Mobile Harbor Lower Sump / Turning Basin Sta. 68+12 to 105+54. Dredging to a grade depth of 44'+2' concentrating on the west side of the channel. Dredge continued overflow tests in 15 min. increments

USACE QA inspector Carlos Pettaway onboard.

No Delays today

No incidents involving endangered species occurred.

**SAFETY**

Deck maintenance continues with the good weather.

Manson safety officer Chuck Granger aboard to go through orientation with the cadet

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |  |                           |       |                                       |       |                     |                     | PAGE NO.<br>Page 29 of 69        |                                       |
|--|-----------|---|--|---------------------------|-------|---------------------------------------|-------|---------------------|---------------------|----------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |       | CONTRACTOR<br>Manson Construction Co. |       |                     |                     | REPORT NO.<br>32                 |                                       |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |       |                                       |       |                     |                     | DATE<br>05/17/2013               |                                       |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |  |                           |       | AVG VOL OF BIN WATER: 180 CY          |       |                     |                     | AVG UNFILLED CAP: 13392 CY       |                                       |
|  |           | NO. OF CREW MEMBERS   |  | DREDGE                    |       | OTHER PLANT                           |       | WORK SCHEDULE       |                     | SHIFTS PER DAY                   | DAYS PER WEEK                         |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |       |                                       |       | DISPOSAL AREA USE   |                     | QTY DEPOSITED GROSS(CY)          | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |           | Mobile Harbor Channel   |  | Sta. 68+12 to 105+54      |       |                                       |       | DA 1 and 2          |                     | 0                                | 326,178                               |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |  |                           |       | 1.0350                                |       |                     |                     | GMS/LITER 1.0350                 |                                       |
|  |           | DENSITY OF WATER  |  |                           |       | 1.0010                                |       |                     |                     | GMS/LITER@ 72 °F                 |                                       |
| RIVER/TIDE STAGE                         |           | MIN 0.96  |  | TIME 00:00                |       | MAX 1.75                              |       | TIME 15:06          |                     | GAGE LOCATION Mobile State Docks |                                       |
|  |           | MIN 0.00  |  | TIME 00:00                |       | MAX 0.00                              |       | TIME 00:00          |                     | GAGE DATUM MLLW                  |                                       |
| WEATHER CONDITION                        |           | WEATHER<br>Weather Caused No Delay  |  |                           |       | TEMP<br>71 °F / 80 °F                 |       | VISIBILITY<br>10 MI |                     | WIND<br>SE 5-20 MPH              |                                       |
| DRAFT                                    |           |   |  |                           |       | DISTRIBUTION OF TIME AND MILES RUN    |       |                     |                     |                                  |                                       |
|  |           | LIGHT   |  | LOADED                    |       |                                       |       | AGITATING (MIN)     | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)              |                                       |
| FORWARD                                  |           | 10  |  | 26                        |       | EFFECTIVE WORKING TIME:               |       |                     |                     |                                  |                                       |
| AFT                                      |           | 15  |  | 26                        |       | PUMPING:                              | 00:00 | 01:20               | 0.0                 |                                  |                                       |
| DRAG DEPTH                               |           | MAX 0   |  | MIN 0                     |       | TURNING:                              | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| INDICATORS LAST CHECKED ON               |           | 05/16/2013  |  | TO DUMP:                  | 00:00 | 11:38                                 | 0.0   |                     |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  |  | 0                         |       | CONNECTING:                           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  |  | 0                         |       | DUMPING:                              | 00:00 | 00:12               | 0.0                 |                                  |                                       |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   |  | 5,746                     |       | DISCONNECTING:                        | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| GALLONS OF WATER CONSUMED                |           | GAL   |  | 780                       |       | TO CUT:                               | 00:00 | 10:50               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | TOTALS:                               | 00:00 | 24:00               | 0.0                 |                                  |                                       |
| NON-EFFECTIVE WORKING TIME:              |           |   |  |                           |       |                                       |       |                     |                     |                                  |                                       |
| WORK PERFORMED                           |           |   |  |                           |       | TAKING ON FUEL AND SUPPLIES           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| DREDGING AND HAULING                     |           |   |  | AGITATING                 |       | TO AND FROM WHARF OR ANCHORAGE:       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |  | TOTAL CYS                 |       | LOSS DUE TO NATURAL ELEMENTS:         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | MINOR OPERATING REPAIRS               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ATTENDANT PLANT                          |           |   |  |                           |       | LAY TIME:                             | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ITEM                                     |           | NAME OR NUMBER  |  | H.P.                      | HOURS | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| Crew / Survey Boat                       |           | M/V Speedy M  |  | 600                       | 24:00 | MISCELLANEOUS                         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | TOTALS                                | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| LOST TIME:                               |           |   |  |                           |       |                                       |       |                     |                     |                                  |                                       |
|  |           |   |  |                           |       | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | CESSATION:                            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | COLLISIONS:                           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | TOTALS:                               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | TOTAL TIME/MILES:                     | 00:00 | 24:00               | 0.0                 |                                  |                                       |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 30 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>32          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/17/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Glenn Edwards continued working in A.S. #2 Mobile Harbor Lower Sump / Turning Basin Sta. 68+12 to 105+54. Dredging to a grade depth of 44'+2' concentrating on the west side of the channel. Dredge continued overflow tests in 15 min. increments

USACE QA inspector Carlos Pettaway onboard.

No Delays today

No incidents involving endangered species occurred.

**SAFETY**

Deck maintenance continues with the good weather.

Mark Underhill onboard to do the annual crane inspection on the forward and aft cranes.

Manson safety officer Chuck Granger aboard to go through orientation with the cadet

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |  |                           |                |                                       |       |                     |                     | PAGE NO.<br>Page 31 of 69        |                                       |
|--|-----------|---|--|---------------------------|----------------|---------------------------------------|-------|---------------------|---------------------|----------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |                | CONTRACTOR<br>Manson Construction Co. |       |                     |                     | REPORT NO.<br>33                 |                                       |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |                |                                       |       |                     |                     | DATE<br>05/18/2013               |                                       |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |  |                           |                | AVG VOL OF BIN WATER: 180 CY          |       |                     |                     | AVG UNFILLED CAP: 13392 CY       |                                       |
|  |           | NO. OF CREW MEMBERS   |  | DREDGE                    |                | OTHER PLANT                           |       | WORK SCHEDULE       |                     | SHIFTS PER DAY                   | DAYS PER WEEK                         |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |                |                                       |       | DISPOSAL AREA USE   |                     | QTY DEPOSITED GROSS(CY)          | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |           | Mobile Harbor Channel   |  | Sta. 68+12 to 105+54      |                |                                       |       | DA 1 and 2          |                     | 0                                | 346,271                               |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |  |                           |                | 1.35                                  |       |                     |                     | GMS/LITER 1.35                   |                                       |
|  |           | DENSITY OF WATER  |  |                           |                | 1.0010                                |       |                     |                     | GMS/LITER@ 72 °F                 |                                       |
| RIVER/TIDE STAGE                         |           | MIN 0.94  |  | TIME 01:06                |                | MAX 1.61                              |       | TIME 12:06          |                     | GAGE LOCATION Mobile State Docks |                                       |
|  |           | MIN 0.00  |  | TIME 00:00                |                | MAX 0.00                              |       | TIME 00:00          |                     | GAGE DATUM MLLW                  |                                       |
| WEATHER CONDITION                        |           | WEATHER<br>Weather Caused No Delay  |  |                           |                | TEMP<br>73 °F / 82 °F                 |       | VISIBILITY<br>10 MI |                     | WIND<br>S 5-15 MPH               |                                       |
| DRAFT                                    |           |   |  |                           |                | DISTRIBUTION OF TIME AND MILES RUN    |       |                     |                     |                                  |                                       |
|  |           | LIGHT   |  | LOADED                    |                |                                       |       | AGITATING (MIN)     | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)              |                                       |
| FORWARD                                  |           | 10  |  | 26                        |                | EFFECTIVE WORKING TIME:               |       |                     |                     |                                  |                                       |
| AFT                                      |           | 15  |  | 26                        |                | PUMPING:                              | 00:00 | 01:11               | 0.0                 |                                  |                                       |
| DRAG DEPTH                               |           | MAX 0   |  | MIN 0                     |                | TURNING:                              | 00:00 | 00:06               | 0.0                 |                                  |                                       |
| INDICATORS LAST CHECKED ON               |           | 05/16/2013  |  | TO DUMP:                  | 00:00          | 11:45                                 | 0.0   |                     |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  |  | 0                         | CONNECTING:    | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  |  | 0                         | DUMPING:       | 00:00                                 | 00:12 | 0.0                 |                     |                                  |                                       |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   |  | 5,165                     | DISCONNECTING: | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| GALLONS OF WATER CONSUMED                |           | GAL   |  | 936                       | TO CUT:        | 00:00                                 | 10:21 | 0.0                 |                     |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 23:35               | 0.0                 |                                  |                                       |
| NON-EFFECTIVE WORKING TIME:              |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
| WORK PERFORMED                           |           |   |  |                           |                | TAKING ON FUEL AND SUPPLIES           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| DREDGING AND HAULING                     |           |   |  | AGITATING                 |                | TO AND FROM WHARF OR ANCHORAGE:       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |  | TOTAL CYS                 |                | LOSS DUE TO NATURAL ELEMENTS:         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:25               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | MINOR OPERATING REPAIRS               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ATTENDANT PLANT                          |           |   |  |                           |                | LAY TIME:                             | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ITEM                                     |           | NAME OR NUMBER  |  | H.P.                      | HOURS          | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| Crew / Survey Boat                       |           | M/V Speedy M  |  | 600                       | 24:00          | MISCELLANEOUS                         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS                                | 00:00 | 00:25               | 0.0                 |                                  |                                       |
| LOST TIME:                               |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
|  |           |   |  |                           |                | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | CESSATION:                            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | COLLISIONS:                           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTAL TIME/MILES:                     | 00:00 | 24:00               | 0.0                 |                                  |                                       |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 32 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>33          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/18/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Glenn Edwards continued working in A.S. #2 Mobile Harbor Lower Sump / Turning Basin Sta. 68+12 to 105+54. Dredging to a grade depth of 44'+2' concentrating on the west side of the channel. Dredge continued overflow tests in 15 min. increments

(23:35 - 24:00) 25 Min Delay for traffic at 70%

No incidents involving endangered species occurred.

**SAFETY**

Conducted man overboard drill followed by Safety and Ethics Meeting.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |



| QUALITY CONTROL REPORT-HOPPER DREDGE     |  |   |  |               |  |                                    |  |                                 |  | PAGE NO.            |  |                         |  |                                       |  |       |  |               |  |                    |  |
|--|--|---|--|---------------|--|------------------------------------|--|---------------------------------|--|---------------------|--|-------------------------|--|---------------------------------------|--|-------|--|---------------|--|--------------------|--|
|  |  |   |  |               |  |                                    |  |                                 |  | Page 33 of 69       |  |                         |  |                                       |  |       |  |               |  |                    |  |
| CONTRACT NO.                             |  | CONTRACT TITLE  |  |               |  | CONTRACTOR                         |  |                                 |  | REPORT NO.          |  |                         |  |                                       |  |       |  |               |  |                    |  |
| W91278-13-D-0005 0001                    |  | Rental Hopper Dredge for Mobile Harbor  |  |               |  | Manson Construction Co.            |  |                                 |  | 34                  |  |                         |  |                                       |  |       |  |               |  |                    |  |
| CHARACTER OF REPORT                      |  | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |               |  |                                    |  | DATE                            |  | 05/19/2013          |  |                         |  |                                       |  |       |  |               |  |                    |  |
| DREDGE                                   |  | HOPPER CAP:   |  | 13572 CY      |  | AVG VOL OF BIN WATER:              |  | 180 CY                          |  | AVG UNFILLED CAP:   |  | 13392 CY                |  |                                       |  |       |  |               |  |                    |  |
| Glenn Edwards                            |  | NO. OF CREW MEMBERS   |  | DREDGE        |  | OTHER PLANT                        |  | WORK SCHEDULE                   |  | SHIFTS PER DAY      |  | DAYS PER WEEK           |  |                                       |  |       |  |               |  |                    |  |
|  |  | 18  |  | 2             |  |                                    |  |                                 |  | 2                   |  | 7                       |  |                                       |  |       |  |               |  |                    |  |
| LOCATION OF WORK                         |  | LOCATION CHANNEL  |  |               |  | REACH DREDGED; STA TO STA          |  |                                 |  | DISPOSAL AREA USE   |  | QTY DEPOSITED GROSS(CY) |  | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |  |       |  |               |  |                    |  |
|  |  | Mobile Harbor Channel   |  |               |  | Sta. 68+12 to 105+54               |  |                                 |  | DA 1 and 2          |  | 0                       |  | 365,768                               |  |       |  |               |  |                    |  |
|  |  | AVG LENGTH OF CUT   |  |               |  | 3742 FT                            |  |                                 |  | AVG WIDTH OF CUT    |  | 500 FT                  |  |                                       |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  |                                 |  | AVG DIST TO DUMP    |  | 38 NM                   |  |                                       |  |       |  |               |  |                    |  |
| CHARACTER OF MATERIAL                    |  | DENSITY OF MATERIALS  |  |               |  |                                    |  |                                 |  | 1.35                |  | GMS/LITER               |  | 1.35                                  |  |       |  |               |  |                    |  |
|  |  | DENSITY OF WATER  |  |               |  |                                    |  |                                 |  | 1.0010              |  | GMS/LITER@              |  | 72 °F                                 |  |       |  |               |  |                    |  |
| RIVER/TIDE STAGE                         |  | MIN   |  | 1.09          |  | TIME                               |  | 02:00                           |  | MAX                 |  | 1.49                    |  | TIME                                  |  | 10:24 |  | GAGE LOCATION |  | Mobile State Docks |  |
|  |  | MIN   |  | 0.00          |  | TIME                               |  | 00:00                           |  | MAX                 |  | 0.00                    |  | TIME                                  |  | 00:00 |  | GAGE DATUM    |  | MLLW               |  |
| WEATHER CONDITION                        |  | WEATHER   |  |               |  | TEMP                               |  |                                 |  | VISIBILITY          |  | WIND                    |  |                                       |  |       |  |               |  |                    |  |
|  |  | Weather Caused No Delay   |  |               |  | 73 °F / 80 °F                      |  |                                 |  | 10 MI               |  | S 4-10 MPH              |  |                                       |  |       |  |               |  |                    |  |
| DRAFT                                    |  |   |  |               |  | DISTRIBUTION OF TIME AND MILES RUN |  |                                 |  |                     |  |                         |  |                                       |  |       |  |               |  |                    |  |
|  |  | LIGHT   |  | LOADED        |  |                                    |  | AGITATING (MIN)                 |  | DREDGE & HAUL (MIN) |  | MILES RUN (NAUT MI)     |  |                                       |  |       |  |               |  |                    |  |
| FORWARD                                  |  | 10  |  | 26            |  | EFFECTIVE WORKING TIME:            |  |                                 |  |                     |  |                         |  |                                       |  |       |  |               |  |                    |  |
| AFT                                      |  | 16  |  | 26            |  | PUMPING:                           |  | 00:00                           |  | 01:35               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| DRAG DEPTH                               |  | MAX 0   |  | MIN 0         |  | TURNING:                           |  | 00:00                           |  | 00:00               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| INDICATORS LAST CHECKED ON               |  | 05/17/2013  |  |               |  | TO DUMP:                           |  | 00:00                           |  | 12:07               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| AVERAGE SPEED OF DREDGE DURING LOADING   |  | FT/MIN  |  | 0             |  | CONNECTING:                        |  | 00:00                           |  | 00:00               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| AVERAGE SPEED OF DREDGE DURING AGITATING |  | FT/MIN  |  | 0             |  | DUMPING:                           |  | 00:00                           |  | 00:12               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| GALLONS OF FUEL OIL CONSUMED             |  | GAL   |  | 6,002         |  | DISCONNECTING:                     |  | 00:00                           |  | 00:00               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| GALLONS OF WATER CONSUMED                |  | GAL   |  | 936           |  | TO CUT:                            |  | 00:00                           |  | 09:20               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
|  |  |   |  |               |  | TOTALS:                            |  | 00:00                           |  | 23:14               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| NON-EFFECTIVE WORKING TIME:              |  |   |  |               |  |                                    |  |                                 |  |                     |  |                         |  |                                       |  |       |  |               |  |                    |  |
| WORK PERFORMED                           |  |   |  |               |  | TAKING ON FUEL AND SUPPLIES        |  | 00:00                           |  | 00:00               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| DREDGING AND HAULING                     |  |   |  | AGITATING     |  | TO AND FROM WHARF OR ANCHORAGE:    |  | 00:00                           |  | 00:00               |  | 0.0                     |  |                                       |  |       |  |               |  |                    |  |
| NO.OF LOADS                              |  | TOTAL CYS   |  | DISPOSAL AREA |  | TOTAL CYS                          |  | LOSS DUE TO NATURAL ELEMENTS:   |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | LOSS DUE TO TRAFFIC AND BRIDGES |  | 00:00               |  | 00:46                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | MINOR OPERATING REPAIRS         |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | TRANSFERRING BETWEEN WORKS      |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | LAY TIME:                       |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | FIRE AND BOAT DRILLS:           |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
| Crew / Survey Boat                       |  | M/V Speedy M  |  | 600           |  | 24:00                              |  | MISCELLANEOUS                   |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | TOTALS                          |  | 00:00               |  | 00:46                   |  | 0.0                                   |  |       |  |               |  |                    |  |
| LOST TIME:                               |  |   |  |               |  |                                    |  |                                 |  |                     |  |                         |  |                                       |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | MAJOR REPAIRS AND ALTERNATIONS  |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | CESSATION:                      |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | COLLISIONS:                     |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | TOTALS:                         |  | 00:00               |  | 00:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |
|  |  |   |  |               |  |                                    |  | TOTAL TIME/MILES:               |  | 00:00               |  | 24:00                   |  | 0.0                                   |  |       |  |               |  |                    |  |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 34 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>34          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/19/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Glenn Edwards continued working in A.S. #2 Mobile Harbor Lower Sump / Turning Basin Sta. 68+12 to 105+54. Dredging to a grade depth of 44'+2' concentrating on the west side of the channel. Dredge continued overflow tests in 15 min. increments

(00:00 - 00:26) 26 Min Delay for traffic at 70%  
(16:30 - 16:50) 20 Min Delay for traffic at 70%

No incidents involving endangered species occurred.

**SAFETY**

Weekly preventative maintenance work.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |  |                           |                |                                       |       |                     |                     | PAGE NO.<br>Page 35 of 69        |                                       |
|--|-----------|---|--|---------------------------|----------------|---------------------------------------|-------|---------------------|---------------------|----------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |                | CONTRACTOR<br>Manson Construction Co. |       |                     |                     | REPORT NO.<br>35                 |                                       |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |                |                                       |       |                     |                     | DATE<br>05/20/2013               |                                       |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |  |                           |                | AVG VOL OF BIN WATER: 180 CY          |       |                     |                     | AVG UNFILLED CAP: 13392 CY       |                                       |
|  |           | NO. OF CREW MEMBERS   |  | DREDGE                    |                | OTHER PLANT                           |       | WORK SCHEDULE       |                     | SHIFTS PER DAY                   | DAYS PER WEEK                         |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |                |                                       |       | DISPOSAL AREA USE   |                     | QTY DEPOSITED GROSS(CY)          | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |           | Mobile Harbor Channel   |  | Sta. 68+12 to 105+54      |                |                                       |       | DA 1 and 2          |                     | 0                                | 387,024                               |
|  |           | AVG LENGTH OF CUT 3742 FT   |  |                           |                | AVG WIDTH OF CUT 500 FT               |       |                     |                     | AVG DIST TO DUMP 0 NM            |                                       |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |  |                           |                | 1.35                                  |       |                     |                     | GMS/LITER 1.35                   |                                       |
|  |           | DENSITY OF WATER  |  |                           |                | 1.0010                                |       |                     |                     | GMS/LITER@ 72 °F                 |                                       |
| RIVER/TIDE STAGE                         |           | MIN 1.05  |  | TIME 00:00                |                | MAX 1.81                              |       | TIME 11:00          |                     | GAGE LOCATION Mobile State Docks |                                       |
|  |           | MIN 0.94  |  | TIME 18:38                |                | MAX 0.00                              |       | TIME 00:00          |                     | GAGE DATUM MLLW                  |                                       |
| WEATHER CONDITION                        |           | WEATHER<br>Weather Caused No Delay  |  |                           |                | TEMP<br>73 °F / 82 °F                 |       | VISIBILITY<br>10 MI |                     | WIND<br>SSE 5-20 MPH             |                                       |
| DRAFT                                    |           |   |  |                           |                | DISTRIBUTION OF TIME AND MILES RUN    |       |                     |                     |                                  |                                       |
|  |           | LIGHT   |  | LOADED                    |                |                                       |       | AGITATING (MIN)     | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)              |                                       |
| FORWARD                                  |           | 13  |  | 25                        |                | EFFECTIVE WORKING TIME:               |       |                     |                     |                                  |                                       |
| AFT                                      |           | 14  |  | 26                        |                | PUMPING:                              | 00:00 | 01:38               | 0.0                 |                                  |                                       |
| DRAG DEPTH                               |           | MAX 0   |  | MIN 0                     |                | TURNING:                              | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| INDICATORS LAST CHECKED ON               |           | 05/17/2013  |  | TO DUMP:                  | 00:00          | 12:00                                 | 0.0   |                     |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  |  | 0                         | CONNECTING:    | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  |  | 0                         | DUMPING:       | 00:00                                 | 00:12 | 0.0                 |                     |                                  |                                       |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   |  | 5,829                     | DISCONNECTING: | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| GALLONS OF WATER CONSUMED                |           | GAL   |  | 1,404                     | TO CUT:        | 00:00                                 | 10:10 | 0.0                 |                     |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 24:00               | 0.0                 |                                  |                                       |
| NON-EFFECTIVE WORKING TIME:              |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
| WORK PERFORMED                           |           |   |  |                           |                | TAKING ON FUEL AND SUPPLIES           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| DREDGING AND HAULING                     |           |   |  | AGITATING                 |                | TO AND FROM WHARF OR ANCHORAGE:       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |  | TOTAL CYS                 |                | LOSS DUE TO NATURAL ELEMENTS:         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | MINOR OPERATING REPAIRS               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ATTENDANT PLANT                          |           |   |  |                           |                | LAY TIME:                             | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ITEM                                     |           | NAME OR NUMBER  |  | H.P.                      | HOURS          | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| Crew / Survey Boat                       |           | M/V Speedy M  |  | 600                       | 24:00          | MISCELLANEOUS                         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS                                | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| LOST TIME:                               |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
|  |           |   |  |                           |                | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | CESSATION:                            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | COLLISIONS:                           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTAL TIME/MILES:                     | 00:00 | 24:00               | 0.0                 |                                  |                                       |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 36 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>35          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/20/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Glenn Edwards continued working in A.S. #2 Mobile Harbor Lower Sump / Turning Basin Sta. 68+12 to 105+54. Dredging to a grade depth of 44'+2' concentrating on the west side of the channel. Dredge continued overflow tests in 15 min. increments

USACE QA inspector Carlos Pettway onboard.

No delays today.

No incidents involving endangered species occurred.

**SAFETY**

Weekly preventative maintenance work.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |  |                           |                |                                       |       |                     |                     | PAGE NO.<br>Page 37 of 69        |                                       |
|--|-----------|---|--|---------------------------|----------------|---------------------------------------|-------|---------------------|---------------------|----------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |                | CONTRACTOR<br>Manson Construction Co. |       |                     |                     | REPORT NO.<br>36                 |                                       |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |                |                                       |       |                     |                     | DATE<br>05/21/2013               |                                       |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |  |                           |                | AVG VOL OF BIN WATER: 180 CY          |       |                     |                     | AVG UNFILLED CAP: 13392 CY       |                                       |
|  |           | NO. OF CREW MEMBERS   |  | DREDGE                    |                | OTHER PLANT                           |       | WORK SCHEDULE       |                     | SHIFTS PER DAY                   | DAYS PER WEEK                         |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |                |                                       |       | DISPOSAL AREA USE   |                     | QTY DEPOSITED GROSS(CY)          | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |           | Mobile Harbor Channel   |  | Sta. 68+12 to 105+54      |                |                                       |       | DA 1 and 2          |                     | 0                                | 405,360                               |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |  |                           |                | 1.35                                  |       |                     |                     | GMS/LITER 1.35                   |                                       |
|  |           | DENSITY OF WATER  |  |                           |                | 1.0010                                |       |                     |                     | GMS/LITER@ 73 °F                 |                                       |
| RIVER/TIDE STAGE                         |           | MIN 1.35  |  | TIME 00:00                |                | MAX 1.83                              |       | TIME 08:00          |                     | GAGE LOCATION Mobile State Docks |                                       |
|  |           | MIN 0.87  |  | TIME 17:48                |                | MAX 0.00                              |       | TIME 00:00          |                     | GAGE DATUM MLLW                  |                                       |
| WEATHER CONDITION                        |           | WEATHER<br>Weather Caused No Delay  |  |                           |                | TEMP<br>75 °F / 82 °F                 |       | VISIBILITY<br>10 MI |                     | WIND<br>SE 4-20 MPH              |                                       |
| DRAFT                                    |           |   |  |                           |                | DISTRIBUTION OF TIME AND MILES RUN    |       |                     |                     |                                  |                                       |
|  |           | LIGHT   |  | LOADED                    |                |                                       |       | AGITATING (MIN)     | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)              |                                       |
| FORWARD                                  |           | 13  |  | 25                        |                | EFFECTIVE WORKING TIME:               |       |                     |                     |                                  |                                       |
| AFT                                      |           | 14  |  | 26                        |                | PUMPING:                              | 00:00 | 01:36               | 0.0                 |                                  |                                       |
| DRAG DEPTH                               |           | MAX 0   |  | MIN 0                     |                | TURNING:                              | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| INDICATORS LAST CHECKED ON               |           | 05/17/2013  |  | TO DUMP:                  | 00:00          | 11:29                                 | 0.0   |                     |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  |  | 0                         | CONNECTING:    | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  |  | 0                         | DUMPING:       | 00:00                                 | 00:12 | 0.0                 |                     |                                  |                                       |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   |  | 6,295                     | DISCONNECTING: | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| GALLONS OF WATER CONSUMED                |           | GAL   |  | 1,404                     | TO CUT:        | 00:00                                 | 10:43 | 0.0                 |                     |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 24:00               | 0.0                 |                                  |                                       |
| NON-EFFECTIVE WORKING TIME:              |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
| WORK PERFORMED                           |           |   |  |                           |                | TAKING ON FUEL AND SUPPLIES           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| DREDGING AND HAULING                     |           |   |  | AGITATING                 |                | TO AND FROM WHARF OR ANCHORAGE:       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |  | TOTAL CYS                 |                | LOSS DUE TO NATURAL ELEMENTS:         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | MINOR OPERATING REPAIRS               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ATTENDANT PLANT                          |           |   |  |                           |                | LAY TIME:                             | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ITEM                                     |           | NAME OR NUMBER  |  | H.P.                      | HOURS          | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| Crew / Survey                            |           | M/V Speedy M  |  | 600                       | 24:00          | MISCELLANEOUS                         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS                                | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| LOST TIME:                               |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
|  |           |   |  |                           |                | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | CESSATION:                            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | COLLISIONS:                           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTAL TIME/MILES:                     | 00:00 | 24:00               | 0.0                 |                                  |                                       |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 38 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>36          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/21/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Glenn Edwards continued working in A.S. #2 Mobile Harbor Lower Sump / Turning Basin Sta. 68+12 to 105+54. Dredging to a grade depth of 44'+2' concentrating on the west side of the channel. Dredge continued overflow tests in 15 min. increments.

USACE QA inspector Carlos Pettaway onboard.

No delays today.

No incidents involving endangered species occurred.

**SAFETY**

Rob Seale from MARSEC aboard for the day to conduct annual Security Audit and exercise. All went well.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |  |                           |       |                                       |       |                     |                     | PAGE NO.<br>Page 39 of 69        |                                       |
|--|-----------|---|--|---------------------------|-------|---------------------------------------|-------|---------------------|---------------------|----------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |       | CONTRACTOR<br>Manson Construction Co. |       |                     |                     | REPORT NO.<br>37                 |                                       |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |       |                                       |       |                     |                     | DATE<br>05/22/2013               |                                       |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |  |                           |       | AVG VOL OF BIN WATER: 180 CY          |       |                     |                     | AVG UNFILLED CAP: 13392 CY       |                                       |
|  |           | NO. OF CREW MEMBERS   |  | DREDGE                    |       | OTHER PLANT                           |       | WORK SCHEDULE       |                     | SHIFTS PER DAY                   | DAYS PER WEEK                         |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |       |                                       |       | DISPOSAL AREA USE   |                     | QTY DEPOSITED GROSS(CY)          | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |           | Mobile Harbor Channel   |  | Sta. 68+12 to 105+54      |       |                                       |       | DA 1 and 2          |                     | 0                                | 422,723                               |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |  |                           |       | 1.35                                  |       |                     |                     | GMS/LITER 1.35                   |                                       |
|  |           | DENSITY OF WATER  |  |                           |       | 1.0010                                |       |                     |                     | GMS/LITER@ 74 °F                 |                                       |
| RIVER/TIDE STAGE                         |           | MIN 0.00  |  | TIME 00:00                |       | MAX 0.00                              |       | TIME 00:00          |                     | GAGE LOCATION Mobile State Docks |                                       |
|  |           | MIN 0.00  |  | TIME 00:00                |       | MAX 0.00                              |       | TIME 00:00          |                     | GAGE DATUM MLLW                  |                                       |
| WEATHER CONDITION                        |           | WEATHER<br>Weather Caused No Delay  |  |                           |       | TEMP<br>68 °F / 82 °F                 |       | VISIBILITY<br>10 MI |                     | WIND<br>Calm - var. 5-30 MPH     |                                       |
| DRAFT                                    |           |   |  |                           |       | DISTRIBUTION OF TIME AND MILES RUN    |       |                     |                     |                                  |                                       |
| LIGHT                                    |           | LOADED  |  |                           |       |                                       |       | AGITATING (MIN)     | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)              |                                       |
| FORWARD                                  |           | 10  |  | 26                        |       | EFFECTIVE WORKING TIME:               |       |                     |                     |                                  |                                       |
| AFT                                      |           | 14  |  | 25                        |       | PUMPING:                              | 00:00 | 01:23               | 0.0                 |                                  |                                       |
| DRAG DEPTH                               |           | MAX 0   |  | MIN 0                     |       | TURNING:                              | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| INDICATORS LAST CHECKED ON               |           | 05/17/2013  |  |                           |       | TO DUMP:                              | 00:00 | 11:37               | 0.0                 |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  |  | 0                         |       | CONNECTING:                           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  |  | 0                         |       | DUMPING:                              | 00:00 | 00:12               | 0.0                 |                                  |                                       |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   |  | 5,383                     |       | DISCONNECTING:                        | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| GALLONS OF WATER CONSUMED                |           | GAL   |  | 624                       |       | TO CUT:                               | 00:00 | 10:48               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | TOTALS:                               | 00:00 | 24:00               | 0.0                 |                                  |                                       |
| NON-EFFECTIVE WORKING TIME:              |           |   |  |                           |       |                                       |       |                     |                     |                                  |                                       |
| WORK PERFORMED                           |           |   |  |                           |       | TAKING ON FUEL AND SUPPLIES           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| DREDGING AND HAULING                     |           |   |  | AGITATING                 |       | TO AND FROM WHARF OR ANCHORAGE:       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |  | TOTAL CYS                 |       | LOSS DUE TO NATURAL ELEMENTS:         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | MINOR OPERATING REPAIRS               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ATTENDANT PLANT                          |           |   |  |                           |       | LAY TIME:                             | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ITEM                                     |           | NAME OR NUMBER  |  | H.P.                      | HOURS | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| Crew / Survey Boat                       |           | M/V Speedy M  |  | 600                       | 24:00 | MISCELLANEOUS                         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | TOTALS                                | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| LOST TIME:                               |           |   |  |                           |       |                                       |       |                     |                     |                                  |                                       |
|  |           |   |  |                           |       | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | CESSATION:                            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | COLLISIONS:                           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | TOTALS:                               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |       | TOTAL TIME/MILES:                     | 00:00 | 24:00               | 0.0                 |                                  |                                       |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 40 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>37          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/22/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Glenn Edwards continued working in A.S. #2 Mobile Harbor Lower Sump / Turning Basin Sta. 68+12 to 105+54. Dredging to a grade depth of 44'+2' concentrating on the west side of the channel. Dredge continued overflow tests in 15 min. increments.

Crew change. 2nd Assist. Eng. departed without a replacement, so we are short one engineer for a week. 3rd Assist. Eng., 2 AB's, 3rd Mate, and Electrician changed out.

USACE QA inspector Carlos Pettway onboard. Begin Follow Up Phase. USACE Wylie Groves has directed us to survey Sta 1080+00 to 1136+00 to begin begin AS # 3 Saturday or Sunday.

No delays today.

No incidents involving endangered species occurred.

**SAFETY**

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |



| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |              |   |                                 |                                       |                              |  |                     | PAGE NO.<br>Page 41 of 69        |      |
|--|-----------|---|--------------|---|---------------------------------|---------------------------------------|------------------------------|--|---------------------|----------------------------------|------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |              |   |                                 | CONTRACTOR<br>Manson Construction Co. |                              |  |                     | REPORT NO.<br>38                 |      |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |              |   |                                 |                                       |                              | DATE<br>05/23/2013                               |                     |                                  |      |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |              | AVG VOL OF BIN WATER: 180 CY                      |                                 | AVG UNFILLED CAP: 13392 CY            |                              |  |                     |                                  |      |
|  |           | NO. OF CREW MEMBERS   | DREDGE<br>18 | OTHER PLANT<br>2                                  | WORK SCHEDULE                   | SHIFTS PER DAY<br>2                   | DAYS PER WEEK<br>7           |  |                     |                                  |      |
| LOCATION OF WORK                         |           | LOCATION CHANNEL<br>Mobile Harbor Channel   |              | REACH DREDGED; STA TO STA<br>Sta. 68+12 to 105+54 |                                 | DISPOSAL AREA USE<br>DA 1 and 2       | QTY DEPOSITED GROSS(CY)<br>0 | CUMULATIVE AND QTY DEPOSIT FOR DA(CY)<br>438,926 |                     |                                  |      |
|  |           | AVG LENGTH OF CUT<br>3742 FT  |              | AVG WIDTH OF CUT<br>500 FT                        |                                 | AVG DIST TO DUMP<br>38 NM             |                              |  |                     |                                  |      |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |              |   |                                 | 1.35                                  |                              | GMS/LITER  |                     | 1.35                             |      |
|  |           | DENSITY OF WATER  |              |   |                                 | 1.0010                                |                              | GMS/LITER@                                       |                     | 75 °F                            |      |
| RIVER/TIDE STAGE                         |           | MIN   | 0.00         | TIME  | 00:00                           | MAX                                   | 0.00                         | TIME   | 00:00               | GAGE LOCATION Mobile State Docks |      |
|  |           | MIN   | 0.00         | TIME  | 00:00                           | MAX                                   | 0.00                         | TIME   | 00:00               | GAGE DATUM                       | MLLW |
| WEATHER CONDITION                        |           | WEATHER<br>Weather Caused No Delay  |              |   |                                 | TEMP<br>66 °F / 86 °F                 |                              | VISIBILITY<br>10 MI                              |                     | WIND<br>Var. 4-16 MPH            |      |
| DRAFT                                    |           |   |              |   |                                 | DISTRIBUTION OF TIME AND MILES RUN    |                              |  |                     |                                  |      |
|  |           | LIGHT   |              | LOADED  |                                 |                                       |                              | AGITATING (MIN)                                  | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)              |      |
| FORWARD                                  |           | 10  |              | 26  |                                 | EFFECTIVE WORKING TIME:               |                              |  |                     |                                  |      |
| AFT                                      |           | 14  |              | 26  |                                 | PUMPING:                              | 00:00                        | 01:52  | 0.0                 |                                  |      |
| DRAG DEPTH                               |           | MAX 0   |              | MIN 0   |                                 | TURNING:                              | 00:00                        | 00:30  | 0.0                 |                                  |      |
| INDICATORS LAST CHECKED ON               |           | 05/17/2013  |              | TO DUMP:  | 00:00                           | 12:06                                 | 0.0                          |  |                     |                                  |      |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  | 0            | CONNECTING:                                       | 00:00                           | 00:00                                 | 0.0                          |  |                     |                                  |      |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  | 0            | DUMPING:  | 00:00                           | 01:10                                 | 0.0                          |  |                     |                                  |      |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   | 5,469        | DISCONNECTING:                                    | 00:00                           | 00:00                                 | 0.0                          |  |                     |                                  |      |
| GALLONS OF WATER CONSUMED                |           | GAL   | 936          | TO CUT:   | 00:00                           | 08:22                                 | 0.0                          |  |                     |                                  |      |
|  |           |   |              |   |                                 | TOTALS:                               | 00:00                        | 24:00  | 0.0                 |                                  |      |
| NON-EFFECTIVE WORKING TIME:              |           |   |              |   |                                 |                                       |                              |  |                     |                                  |      |
| WORK PERFORMED                           |           |   |              |   |                                 | TAKING ON FUEL AND SUPPLIES           | 00:00                        | 00:00  | 0.0                 |                                  |      |
| DREDGING AND HAULING                     |           |   |              | AGITATING   |                                 | TO AND FROM WHARF OR ANCHORAGE:       | 00:00                        | 00:00  | 0.0                 |                                  |      |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |              | TOTAL CYS   | LOSS DUE TO NATURAL ELEMENTS:   | 00:00                                 | 00:00                        | 0.0  |                     |                                  |      |
|  |           |   |              |   | LOSS DUE TO TRAFFIC AND BRIDGES | 00:00                                 | 00:00                        | 0.0  |                     |                                  |      |
|  |           |   |              |   | MINOR OPERATING REPAIRS         | 00:00                                 | 00:00                        | 0.0  |                     |                                  |      |
|  |           |   |              |   | TRANSFERRING BETWEEN WORKS      | 00:00                                 | 00:00                        | 0.0  |                     |                                  |      |
| ATTENDANT PLANT                          |           |   |              |   |                                 | LAY TIME:                             | 00:00                        | 00:00  | 0.0                 |                                  |      |
| ITEM                                     |           | NAME OR NUMBER  |              | H.P.  | HOURS                           | FIRE AND BOAT DRILLS:                 | 00:00                        | 00:00  | 0.0                 |                                  |      |
| Crew / Survey Boat                       |           | M/V Speedy M  |              | 600   | 24:00                           | MISCELLANEOUS                         | 00:00                        | 00:00  | 0.0                 |                                  |      |
|  |           |   |              |   |                                 | TOTALS                                | 00:00                        | 00:00  | 0.0                 |                                  |      |
| LOST TIME:                               |           |   |              |   |                                 |                                       |                              |  |                     |                                  |      |
|  |           |   |              |   |                                 | MAJOR REPAIRS AND ALTERNATIONS        | 00:00                        | 00:00  | 0.0                 |                                  |      |
|  |           |   |              |   |                                 | CESSATION:                            | 00:00                        | 00:00  | 0.0                 |                                  |      |
|  |           |   |              |   |                                 | COLLISIONS:                           | 00:00                        | 00:00  | 0.0                 |                                  |      |
|  |           |   |              |   |                                 | TOTALS:                               | 00:00                        | 00:00  | 0.0                 |                                  |      |
|  |           |   |              |   |                                 | TOTAL TIME/MILES:                     | 00:00                        | 24:00  | 0.0                 |                                  |      |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 42 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>38          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/23/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Glenn Edwards continued working in A.S. #2 Mobile Harbor Lower Sump / Turning Basin Sta. 68+12 to 105+54. Dredging to a grade depth of 44'+2' concentrating on the west side of the channel. Dredge continued overflow tests in 15 min. increments.

Before Dredging Surveys conducted for A.S. # 3 Sta. 1080+00 to 1136+00

USACE QA inspector Carlos Pettaway onboard.

No delays today.

No incidents involving endangered species occurred.

**SAFETY**

Deck maintenance continues with the good weather.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |  |                           |                |                                       |       |                     |                     | PAGE NO.<br>Page 43 of 69        |                                       |
|--|-----------|---|--|---------------------------|----------------|---------------------------------------|-------|---------------------|---------------------|----------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |                | CONTRACTOR<br>Manson Construction Co. |       |                     |                     | REPORT NO.<br>39                 |                                       |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |                |                                       |       |                     |                     | DATE<br>05/24/2013               |                                       |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |  |                           |                | AVG VOL OF BIN WATER: 180 CY          |       |                     |                     | AVG UNFILLED CAP: 13392 CY       |                                       |
|  |           | NO. OF CREW MEMBERS   |  | DREDGE                    |                | OTHER PLANT                           |       | WORK SCHEDULE       |                     | SHIFTS PER DAY                   | DAYS PER WEEK                         |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |                |                                       |       | DISPOSAL AREA USE   |                     | QTY DEPOSITED GROSS(CY)          | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |           | Mobile Harbor Channel   |  | Sta. 68+12 to 105+54      |                |                                       |       | DA 1 and 2          |                     | 0                                | 448,768                               |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |  |                           |                | 1.35                                  |       |                     |                     | GMS/LITER 1.35                   |                                       |
|  |           | DENSITY OF WATER  |  |                           |                | 1.0010                                |       |                     |                     | GMS/LITER@ 75 °F                 |                                       |
| RIVER/TIDE STAGE                         |           | MIN 0.00  |  | TIME 00:00                |                | MAX 0.00                              |       | TIME 00:00          |                     | GAGE LOCATION Mobile State Docks |                                       |
|  |           | MIN 0.00  |  | TIME 00:00                |                | MAX 0.00                              |       | TIME 00:00          |                     | GAGE DATUM MLLW                  |                                       |
| WEATHER CONDITION                        |           | WEATHER<br>Weather Caused No Delay  |  |                           |                | TEMP<br>72 °F / 88 °F                 |       | VISIBILITY<br>10 MI |                     | WIND<br>N 6-17 MPH               |                                       |
| DRAFT                                    |           |   |  |                           |                | DISTRIBUTION OF TIME AND MILES RUN    |       |                     |                     |                                  |                                       |
|  |           | LIGHT   |  | LOADED                    |                |                                       |       | AGITATING (MIN)     | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)              |                                       |
| FORWARD                                  |           | 10  |  | 26                        |                | EFFECTIVE WORKING TIME:               |       |                     |                     |                                  |                                       |
| AFT                                      |           | 15  |  | 26                        |                | PUMPING:                              | 00:00 | 02:34               | 0.0                 |                                  |                                       |
| DRAG DEPTH                               |           | MAX 0   |  | MIN 0                     |                | TURNING:                              | 00:00 | 01:08               | 0.0                 |                                  |                                       |
| INDICATORS LAST CHECKED ON               |           | 05/17/2013  |  | TO DUMP:                  | 00:00          | 11:02                                 | 0.0   |                     |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  |  | 0                         | CONNECTING:    | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  |  | 0                         | DUMPING:       | 00:00                                 | 00:08 | 0.0                 |                     |                                  |                                       |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   |  | 5,928                     | DISCONNECTING: | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| GALLONS OF WATER CONSUMED                |           | GAL   |  | 1,092                     | TO CUT:        | 00:00                                 | 09:08 | 0.0                 |                     |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 24:00               | 0.0                 |                                  |                                       |
| NON-EFFECTIVE WORKING TIME:              |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
| WORK PERFORMED                           |           |   |  |                           |                | TAKING ON FUEL AND SUPPLIES           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| DREDGING AND HAULING                     |           |   |  | AGITATING                 |                | TO AND FROM WHARF OR ANCHORAGE:       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |  | TOTAL CYS                 |                | LOSS DUE TO NATURAL ELEMENTS:         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | MINOR OPERATING REPAIRS               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ATTENDANT PLANT                          |           |   |  |                           |                | LAY TIME:                             | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ITEM                                     |           | NAME OR NUMBER  |  | H.P.                      | HOURS          | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| Crew / Survey Boat                       |           | M/V Speedy M  |  | 600                       | 24:00          | MISCELLANEOUS                         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS                                | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| LOST TIME:                               |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
|  |           |   |  |                           |                | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | CESSATION:                            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | COLLISIONS:                           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTAL TIME/MILES:                     | 00:00 | 24:00               | 0.0                 |                                  |                                       |

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|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 44 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>39          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/24/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Glenn Edwards continued working in A.S. #2 Mobile Harbor Lower Sump / Turning Basin Sta. 68+12 to 105+54. Dredging to a grade depth of 44'+2' concentrating on the west side of the channel. Dredge continued overflow tests in 15 min. increments.

USACE QA inspector Carlos Pettway onboard. USACE Stephen Reid has directed us to begin dredging Sta 1080+00 to 1136+00 in the Lower Bay on Sunday.

No delays today.

No incidents involving endangered species occurred.

**SAFETY**

Deck maintenance continues with the good weather.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |  |                           |                |                                       |       |                     |                     | PAGE NO.<br>Page 45 of 69        |                                       |
|--|-----------|---|--|---------------------------|----------------|---------------------------------------|-------|---------------------|---------------------|----------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |                | CONTRACTOR<br>Manson Construction Co. |       |                     |                     | REPORT NO.<br>40                 |                                       |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |                |                                       |       |                     |                     | DATE<br>05/25/2013               |                                       |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |  |                           |                | AVG VOL OF BIN WATER: 180 CY          |       |                     |                     | AVG UNFILLED CAP: 13392 CY       |                                       |
|  |           | NO. OF CREW MEMBERS   |  | DREDGE                    |                | OTHER PLANT                           |       | WORK SCHEDULE       |                     | SHIFTS PER DAY                   | DAYS PER WEEK                         |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |                |                                       |       | DISPOSAL AREA USE   |                     | QTY DEPOSITED GROSS(CY)          | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |           | Mobile Harbor Channel   |  | Sta. 68+12 to 105+54      |                |                                       |       | DA 1 and 2          |                     | 0                                | 463,139                               |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |  |                           |                | 1.35                                  |       |                     |                     | GMS/LITER 1.35                   |                                       |
|  |           | DENSITY OF WATER  |  |                           |                | 1.0010                                |       |                     |                     | GMS/LITER@ 0 °F                  |                                       |
| RIVER/TIDE STAGE                         |           | MIN 0.00  |  | TIME 00:00                |                | MAX 0.00                              |       | TIME 00:00          |                     | GAGE LOCATION Mobile State Docks |                                       |
|  |           | MIN 0.00  |  | TIME 00:00                |                | MAX 0.00                              |       | TIME 00:00          |                     | GAGE DATUM MLLW                  |                                       |
| WEATHER CONDITION                        |           | WEATHER<br>Weather Caused No Delay  |  |                           |                | TEMP<br>84 °F / 64 °F                 |       | VISIBILITY<br>10 MI |                     | WIND<br>NE 7-16 MPH              |                                       |
| DRAFT                                    |           |   |  |                           |                | DISTRIBUTION OF TIME AND MILES RUN    |       |                     |                     |                                  |                                       |
|  |           | LIGHT   |  | LOADED                    |                |                                       |       | AGITATING (MIN)     | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)              |                                       |
| FORWARD                                  |           | 10  |  | 24                        |                | EFFECTIVE WORKING TIME:               |       |                     |                     |                                  |                                       |
| AFT                                      |           | 16  |  | 25                        |                | PUMPING:                              | 00:00 | 02:12               | 0.0                 |                                  |                                       |
| DRAG DEPTH                               |           | MAX 0   |  | MIN 0                     |                | TURNING:                              | 00:00 | 00:26               | 0.0                 |                                  |                                       |
| INDICATORS LAST CHECKED ON               |           | 05/17/2013  |  | TO DUMP:                  | 00:00          | 11:04                                 | 0.0   |                     |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  |  | 0                         | CONNECTING:    | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  |  | 0                         | DUMPING:       | 00:00                                 | 00:14 | 0.0                 |                     |                                  |                                       |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   |  | 5,963                     | DISCONNECTING: | 00:00                                 | 00:00 | 0.0                 |                     |                                  |                                       |
| GALLONS OF WATER CONSUMED                |           | GAL   |  | 780                       | TO CUT:        | 00:00                                 | 10:04 | 0.0                 |                     |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 24:00               | 0.0                 |                                  |                                       |
| NON-EFFECTIVE WORKING TIME:              |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
| WORK PERFORMED                           |           |   |  |                           |                | TAKING ON FUEL AND SUPPLIES           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| DREDGING AND HAULING                     |           |   |  | AGITATING                 |                | TO AND FROM WHARF OR ANCHORAGE:       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |  | TOTAL CYS                 |                | LOSS DUE TO NATURAL ELEMENTS:         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | MINOR OPERATING REPAIRS               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ATTENDANT PLANT                          |           |   |  |                           |                | LAY TIME:                             | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| ITEM                                     |           | NAME OR NUMBER  |  | H.P.                      | HOURS          | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| Crew / Survey Boat                       |           | M/V Speedy M  |  | 600                       | 24:00          | MISCELLANEOUS                         | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS                                | 00:00 | 00:00               | 0.0                 |                                  |                                       |
| LOST TIME:                               |           |   |  |                           |                |                                       |       |                     |                     |                                  |                                       |
|  |           |   |  |                           |                | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | CESSATION:                            | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | COLLISIONS:                           | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 00:00               | 0.0                 |                                  |                                       |
|  |           |   |  |                           |                | TOTAL TIME/MILES:                     | 00:00 | 24:00               | 0.0                 |                                  |                                       |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 46 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>40          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/25/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Glenn Edwards continued working in A.S. #2 Mobile Harbor Lower Sump / Turning Basin Sta. 68+12 to 105+54. Dredging to a grade depth of 44'+2' concentrating on the west side of the channel. Dredge continued overflow tests in 15 min. increments.

USACE QA inspector Carlos Pettway onboard. USACE Stephen Reid has directed us to begin dredging Sta 1080+00 to 1136+00 in the Lower Bay on Sunday.

No delays today.

No incidents involving endangered species occurred.

**SAFETY**

Conducted Abandon Ship Drill via life rafts instead of lifeboat. All crew donned survival suits and tested lights, whistles and zippers. Safety and Ethics meeting followed the drill.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |  |                           |                |                                       |       |                     |                     | PAGE NO.<br>Page 47 of 69          |                                       |
|--|-----------|---|--|---------------------------|----------------|---------------------------------------|-------|---------------------|---------------------|------------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |                | CONTRACTOR<br>Manson Construction Co. |       |                     |                     | REPORT NO.<br>41                   |                                       |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |                |                                       |       |                     |                     | DATE<br>05/26/2013                 |                                       |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |  |                           |                | AVG VOL OF BIN WATER: 180 CY          |       |                     |                     | AVG UNFILLED CAP: 13392 CY         |                                       |
|  |           | NO. OF CREW MEMBERS   |  | DREDGE                    |                | OTHER PLANT                           |       | WORK SCHEDULE       |                     | SHIFTS PER DAY                     | DAYS PER WEEK                         |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |                |                                       |       | DISPOSAL AREA USE   |                     | QTY DEPOSITED GROSS(CY)            | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |           | Mobile Lower Bay  |  | Sta.1080+00 to 1136+00    |                |                                       |       | DA 1 and 2          |                     | 0                                  | 497,303                               |
| CHARACTER OF MATERIAL                    |           | AVG LENGTH OF CUT 5600 FT   |  |                           |                | AVG WIDTH OF CUT 400 FT               |       |                     |                     | AVG DIST TO DUMP 22 NM             |                                       |
|  |           | DENSITY OF MATERIALS  |  |                           |                | 1.35                                  |       |                     |                     | GMS/LITER 1.35                     |                                       |
| RIVER/TIDE STAGE                         |           | DENSITY OF WATER  |  |                           |                | 1.0150                                |       |                     |                     | GMS/LITER@ 75 °F                   |                                       |
|  |           | MIN 0.00  |  | TIME 00:00                |                | MAX 0.00                              |       | TIME 00:00          |                     | GAGE LOCATION Theodore / Dog River |                                       |
| WEATHER CONDITION                        |           | MIN 0.00  |  | TIME 00:00                |                | MAX 0.00                              |       | TIME 00:00          |                     | GAGE DATUM MLLW                    |                                       |
|  |           | WEATHER<br>Weather Caused No Delay  |  |                           |                | TEMP<br>61 °F / 84 °F                 |       | VISIBILITY<br>10 MI |                     | WIND<br>Var. 4-16 MPH              |                                       |
| DRAFT                                    |           |   |  |                           |                | DISTRIBUTION OF TIME AND MILES RUN    |       |                     |                     |                                    |                                       |
|  |           | LIGHT   |  | LOADED                    |                |                                       |       | AGITATING (MIN)     | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)                |                                       |
| FORWARD                                  |           | 9   |  | 27                        |                | EFFECTIVE WORKING TIME:               |       |                     |                     |                                    |                                       |
| AFT                                      |           | 14  |  | 26                        |                | PUMPING:                              | 00:00 | 02:42               | 0.0                 |                                    |                                       |
| DRAG DEPTH                               |           | MAX 0   |  | MIN 0                     |                | TURNING:                              | 00:00 | 00:12               | 0.0                 |                                    |                                       |
| INDICATORS LAST CHECKED ON               |           | 05/17/2013  |  | TO DUMP:                  | 00:00          | 10:52                                 | 0.0   |                     |                     |                                    |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  |  | 0                         | CONNECTING:    | 00:00                                 | 00:00 | 0.0                 |                     |                                    |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  |  | 0                         | DUMPING:       | 00:00                                 | 00:20 | 0.0                 |                     |                                    |                                       |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   |  | 5,715                     | DISCONNECTING: | 00:00                                 | 00:00 | 0.0                 |                     |                                    |                                       |
| GALLONS OF WATER CONSUMED                |           | GAL   |  | 936                       | TO CUT:        | 00:00                                 | 09:54 | 0.0                 |                     |                                    |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 24:00               | 0.0                 |                                    |                                       |
| NON-EFFECTIVE WORKING TIME:              |           |   |  |                           |                |                                       |       |                     |                     |                                    |                                       |
| WORK PERFORMED                           |           |   |  |                           |                | TAKING ON FUEL AND SUPPLIES           | 00:00 | 00:00               | 0.0                 |                                    |                                       |
| DREDGING AND HAULING                     |           |   |  | AGITATING                 |                | TO AND FROM WHARF OR ANCHORAGE:       | 00:00 | 00:00               | 0.0                 |                                    |                                       |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |  | TOTAL CYS                 |                | LOSS DUE TO NATURAL ELEMENTS:         | 00:00 | 00:00               | 0.0                 |                                    |                                       |
|  |           |   |  |                           |                | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:00               | 0.0                 |                                    |                                       |
|  |           |   |  |                           |                | MINOR OPERATING REPAIRS               | 00:00 | 00:00               | 0.0                 |                                    |                                       |
|  |           |   |  |                           |                | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00               | 0.0                 |                                    |                                       |
| ATTENDANT PLANT                          |           |   |  |                           |                | LAY TIME:                             | 00:00 | 00:00               | 0.0                 |                                    |                                       |
| ITEM                                     |           | NAME OR NUMBER  |  | H.P.                      | HOURS          | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00               | 0.0                 |                                    |                                       |
| Crew / Survey Boat                       |           | M/V Speedy M  |  | 600                       | 24:00          | MISCELLANEOUS                         | 00:00 | 00:00               | 0.0                 |                                    |                                       |
|  |           |   |  |                           |                | TOTALS                                | 00:00 | 00:00               | 0.0                 |                                    |                                       |
| LOST TIME:                               |           |   |  |                           |                |                                       |       |                     |                     |                                    |                                       |
|  |           |   |  |                           |                | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00               | 0.0                 |                                    |                                       |
|  |           |   |  |                           |                | CESSATION:                            | 00:00 | 00:00               | 0.0                 |                                    |                                       |
|  |           |   |  |                           |                | COLLISIONS:                           | 00:00 | 00:00               | 0.0                 |                                    |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 00:00               | 0.0                 |                                    |                                       |
|  |           |   |  |                           |                | TOTAL TIME/MILES:                     | 00:00 | 24:00               | 0.0                 |                                    |                                       |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 48 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>41          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/26/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Glenn Edwards continued working in A.S. #2 Mobile Harbor Lower Sump / Turning Basin Sta. 68+12 to 105+54; dredging to a grade depth of 44'+2' concentrating on the west side of the channel. At 0800 the dredge moved to the Lower Bay and began A.S. #3, Sta 1080+00 to 1136+00 per direction by the Mobile USACE; dredging to a project depth of 45'+2' and continued overflow tests in 15 min.increments.

No delays today.

USACE QA inspector Carlos Pettitway onboard.

No incidents involving endangered species occurred.

**SAFETY**

Preventative maintenance jobs. Inspection of all firefighting, first aid and lifesaving equipment. Sanitary Inspection.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |



| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |  |                           |       |                                       |       |                               |                     | PAGE NO.<br>Page 49 of 69          |                                       |       |       |     |
|--|-----------|---|--|---------------------------|-------|---------------------------------------|-------|-------------------------------|---------------------|------------------------------------|---------------------------------------|-------|-------|-----|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |       | CONTRACTOR<br>Manson Construction Co. |       |                               |                     | REPORT NO.<br>42                   |                                       |       |       |     |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |       |                                       |       |                               |                     | DATE<br>05/27/2013                 |                                       |       |       |     |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |  |                           |       | AVG VOL OF BIN WATER: 180 CY          |       |                               |                     | AVG UNFILLED CAP: 13392 CY         |                                       |       |       |     |
|  |           | NO. OF CREW MEMBERS   |  | DREDGE                    |       | OTHER PLANT                           |       | WORK SCHEDULE                 |                     | SHIFTS PER DAY                     | DAYS PER WEEK                         |       |       |     |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |       |                                       |       | DISPOSAL AREA USE             |                     | QTY DEPOSITED GROSS(CY)            | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |       |       |     |
|  |           | Mobile Lower Bay  |  | Sta.1080+00 to 1136+00    |       |                                       |       | DA 1 and 2                    |                     | 0                                  | 514,066                               |       |       |     |
| CHARACTER OF MATERIAL                    |           | AVG LENGTH OF CUT 5600 FT   |  |                           |       | AVG WIDTH OF CUT 400 FT               |       |                               |                     | AVG DIST TO DUMP 22 NM             |                                       |       |       |     |
|  |           | DENSITY OF MATERIALS  |  |                           |       | 1.35                                  |       |                               |                     | GMS/LITER 1.35                     |                                       |       |       |     |
| RIVER/TIDE STAGE                         |           | DENSITY OF WATER  |  |                           |       | 1.0150                                |       |                               |                     | GMS/LITER@ 78 °F                   |                                       |       |       |     |
|  |           | MIN 0.00  |  | TIME 00:00                |       | MAX 0.00                              |       | TIME 00:00                    |                     | GAGE LOCATION Theodore / Dog River |                                       |       |       |     |
| WEATHER CONDITION                        |           | MIN 0.00  |  | TIME 00:00                |       | MAX 0.00                              |       | TIME 00:00                    |                     | GAGE DATUM MLLW                    |                                       |       |       |     |
|  |           | WEATHER<br>Weather Caused No Delay  |  |                           |       | TEMP<br>60 °F / 88 °F                 |       | VISIBILITY<br>10 MI           |                     | WIND<br>12-16 MPH                  |                                       |       |       |     |
| DRAFT                                    |           |   |  |                           |       | DISTRIBUTION OF TIME AND MILES RUN    |       |                               |                     |                                    |                                       |       |       |     |
|  |           | LIGHT   |  | LOADED                    |       |                                       |       | AGITATING (MIN)               | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)                |                                       |       |       |     |
| FORWARD                                  |           | 10  |  | 26                        |       | EFFECTIVE WORKING TIME:               |       |                               |                     |                                    |                                       |       |       |     |
| AFT                                      |           | 15  |  | 26                        |       | PUMPING:                              | 00:00 | 02:15                         | 0.0                 |                                    |                                       |       |       |     |
| DRAG DEPTH                               |           | MAX 0   |  | MIN 0                     |       | TURNING:                              | 00:00 | 00:18                         | 0.0                 |                                    |                                       |       |       |     |
| INDICATORS LAST CHECKED ON               |           | 05/17/2013  |  | TO DUMP:                  | 00:00 | 06:24                                 | 0.0   | CONNECTING:                   | 00:00               | 00:00                              | 0.0                                   |       |       |     |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  |  | 0                         |       | DUMPING:                              | 00:00 | 00:12                         | 0.0                 | DISCONNECTING:                     | 00:00                                 | 00:00 | 0.0   |     |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  |  | 0                         |       | TO CUT:                               | 00:00 | 06:21                         | 0.0                 | TOTALS:                            | 00:00                                 | 15:30 | 0.0   |     |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   |  | 3,782                     |       | NON-EFFECTIVE WORKING TIME:           |       |                               |                     |                                    |                                       |       |       |     |
| GALLONS OF WATER CONSUMED                |           | GAL   |  | 1,560                     |       | TAKING ON FUEL AND SUPPLIES           | 00:00 | 00:00                         | 0.0                 | TO AND FROM WHARF OR ANCHORAGE:    | 00:00                                 | 00:00 | 0.0   |     |
| WORK PERFORMED                           |           |   |  | DREDGING AND HAULING      |       | AGITATING                             |       | LOSS DUE TO NATURAL ELEMENTS: |                     |                                    |                                       | 00:00 | 00:00 | 0.0 |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |  | TOTAL CYS                 |       | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:00                         | 0.0                 | MINOR OPERATING REPAIRS            | 00:00                                 | 08:30 | 0.0   |     |
|  |           |   |  |                           |       | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00                         | 0.0                 | LAY TIME:                          | 00:00                                 | 00:00 | 0.0   |     |
|  |           |   |  |                           |       | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00                         | 0.0                 | MISCELLANEOUS                      | 00:00                                 | 00:00 | 0.0   |     |
|  |           |   |  |                           |       | TOTALS                                | 00:00 | 08:30                         | 0.0                 | LOST TIME:                         |                                       |       |       |     |
|  |           |   |  |                           |       | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00                         | 0.0                 | CESSATION:                         | 00:00                                 | 00:00 | 0.0   |     |
|  |           |   |  |                           |       | COLLISIONS:                           | 00:00 | 00:00                         | 0.0                 | TOTALS:                            | 00:00                                 | 00:00 | 0.0   |     |
|  |           |   |  |                           |       | TOTAL TIME/MILES:                     | 00:00 | 24:00                         | 0.0                 |                                    |                                       |       |       |     |

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|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 50 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>42          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/27/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Glenn Edwards continued working in A.S. #3 Mobile Lower Bay Sta. 1080+00 to 1136+00 dredging to a grade depth of 45'+2' and continued overflow tests in 15 min.increments.

(15:30 - 2400)N 510 Min.delays to repair weirs

USACE QA inspector Carlos Pettaway onboard.

No incidents involving endangered species occurred.

**SAFETY**

Safety and sanitary audit. One eyewash bottle was found to be expired and replaced. Signs placed on the crane platforms on chains. "No Access for Unauthorized Personnel"

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |  |   |  |                           |                              |                                       |                     |                                 |                         | PAGE NO.<br>Page 51 of 69          |                                       |                     |     |
|--|--|---|--|---------------------------|------------------------------|---------------------------------------|---------------------|---------------------------------|-------------------------|------------------------------------|---------------------------------------|---------------------|-----|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |  | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |                              | CONTRACTOR<br>Manson Construction Co. |                     |                                 |                         | REPORT NO.<br>43                   |                                       |                     |     |
| CHARACTER OF REPORT                      |  | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |                              |                                       |                     | DATE<br>05/28/2013              |                         |                                    |                                       |                     |     |
| DREDGE<br>Glenn Edwards                  |  | HOPPER CAP: 13572 CY  |  |                           | AVG VOL OF BIN WATER: 180 CY |                                       |                     | AVG UNFILLED CAP: 13392 CY      |                         |                                    |                                       |                     |     |
|  |  | NO. OF CREW MEMBERS   |  | DREDGE                    |                              | OTHER PLANT                           |                     | WORK SCHEDULE                   |                         | SHIFTS PER DAY                     |                                       | DAYS PER WEEK       |     |
| LOCATION OF WORK                         |  | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |                              |                                       | DISPOSAL AREA USE   |                                 | QTY DEPOSITED GROSS(CY) |                                    | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |                     |     |
|  |  | Mobile Lower Bay  |  | Sta.1080+00 to 1136+00    |                              |                                       | DA 1 and 2          |                                 | 0                       |                                    | 534,863                               |                     |     |
| CHARACTER OF MATERIAL                    |  | AVG LENGTH OF CUT   |  |                           | AVG WIDTH OF CUT             |                                       |                     | AVG DIST TO DUMP                |                         |                                    |                                       |                     |     |
|  |  | 5600 FT   |  |                           | 400 FT                       |                                       |                     | 22 NM                           |                         |                                    |                                       |                     |     |
| DENSITY OF MATERIALS                     |  | DENSITY OF MATERIALS  |  |                           | 1.35                         |                                       |                     | GMS/LITER                       |                         | 1.35                               |                                       |                     |     |
|  |  | DENSITY OF WATER  |  |                           | 1.0150                       |                                       |                     | GMS/LITER@                      |                         | 78 °F                              |                                       |                     |     |
| RIVER/TIDE STAGE                         |  | MIN 0.00  |  | TIME 00:00                |                              | MAX 0.00                              |                     | TIME 00:00                      |                         | GAGE LOCATION Theodore / Dog River |                                       |                     |     |
|  |  | MIN 0.00  |  | TIME 00:00                |                              | MAX 0.00                              |                     | TIME 00:00                      |                         | GAGE DATUM MLLW                    |                                       |                     |     |
| WEATHER CONDITION                        |  | WEATHER<br>Weather Caused No Delay  |  |                           | TEMP<br>62 °F / 85 °F        |                                       | VISIBILITY<br>10 MI |                                 | WIND<br>SE 10-20 MPH    |                                    |                                       |                     |     |
| DRAFT                                    |  |   |  |                           |                              | DISTRIBUTION OF TIME AND MILES RUN    |                     |                                 |                         |                                    |                                       |                     |     |
|  |  | LIGHT   |  | LOADED                    |                              |                                       |                     | AGITATING (MIN)                 |                         | DREDGE & HAUL (MIN)                |                                       | MILES RUN (NAUT MI) |     |
| FORWARD                                  |  | 10  |  | 26                        |                              | EFFECTIVE WORKING TIME:               |                     |                                 |                         |                                    |                                       |                     |     |
| AFT                                      |  | 15  |  | 26                        |                              | PUMPING:                              |                     | 00:00                           |                         | 03:47                              |                                       | 0.0                 |     |
| DRAG DEPTH                               |  | MAX 0   |  | MIN 0                     |                              | TURNING:                              |                     | 00:00                           |                         | 00:30                              |                                       | 0.0                 |     |
| INDICATORS LAST CHECKED ON               |  | 05/17/2013  |  |                           |                              | TO DUMP:                              |                     | 00:00                           |                         | 09:23                              |                                       | 0.0                 |     |
| AVERAGE SPEED OF DREDGE DURING LOADING   |  | FT/MIN  |  | 0                         |                              | CONNECTING:                           |                     | 00:00                           |                         | 00:00                              |                                       | 0.0                 |     |
| AVERAGE SPEED OF DREDGE DURING AGITATING |  | FT/MIN  |  | 0                         |                              | DUMPING:                              |                     | 00:00                           |                         | 00:16                              |                                       | 0.0                 |     |
| GALLONS OF FUEL OIL CONSUMED             |  | GAL   |  | 5,714                     |                              | DISCONNECTING:                        |                     | 00:00                           |                         | 00:00                              |                                       | 0.0                 |     |
| GALLONS OF WATER CONSUMED                |  | GAL   |  | 1,092                     |                              | TO CUT:                               |                     | 00:00                           |                         | 09:04                              |                                       | 0.0                 |     |
|  |  |   |  |                           |                              | TOTALS:                               |                     | 00:00                           |                         | 23:00                              |                                       | 0.0                 |     |
| NON-EFFECTIVE WORKING TIME:              |  |   |  |                           |                              |                                       |                     |                                 |                         |                                    |                                       |                     |     |
| WORK PERFORMED                           |  |   |  |                           |                              | TAKING ON FUEL AND SUPPLIES           |                     | 00:00                           |                         | 00:00                              |                                       | 0.0                 |     |
| DREDGING AND HAULING                     |  |   |  | AGITATING                 |                              | TO AND FROM WHARF OR ANCHORAGE:       |                     | 00:00                           |                         | 00:00                              |                                       | 0.0                 |     |
| NO.OF LOADS                              |  | TOTAL CYS   |  | DISPOSAL AREA             |                              | TOTAL CYS                             |                     | LOSS DUE TO NATURAL ELEMENTS:   |                         | 00:00                              |                                       | 00:00               | 0.0 |
|  |  |   |  |                           |                              |                                       |                     | LOSS DUE TO TRAFFIC AND BRIDGES |                         | 00:00                              |                                       | 00:00               | 0.0 |
|  |  |   |  |                           |                              |                                       |                     | MINOR OPERATING REPAIRS         |                         | 00:00                              |                                       | 01:00               | 0.0 |
|  |  |   |  |                           |                              |                                       |                     | TRANSFERRING BETWEEN WORKS      |                         | 00:00                              |                                       | 00:00               | 0.0 |
| ATTENDANT PLANT                          |  |   |  |                           |                              | LAY TIME:                             |                     | 00:00                           |                         | 00:00                              |                                       | 0.0                 |     |
| ITEM                                     |  | NAME OR NUMBER  |  | H.P.                      |                              | HOURS                                 |                     | FIRE AND BOAT DRILLS:           |                         | 00:00                              |                                       | 00:00               | 0.0 |
| Crew / Survey Boat                       |  | M/V Speedy M  |  | 600                       |                              | 24:00                                 |                     | MISCELLANEOUS                   |                         | 00:00                              |                                       | 00:00               | 0.0 |
|  |  |   |  |                           |                              |                                       |                     | TOTALS                          |                         | 00:00                              |                                       | 01:00               | 0.0 |
| LOST TIME:                               |  |   |  |                           |                              |                                       |                     |                                 |                         |                                    |                                       |                     |     |
|  |  |   |  |                           |                              |                                       |                     | MAJOR REPAIRS AND ALTERNATIONS  |                         | 00:00                              |                                       | 00:00               | 0.0 |
|  |  |   |  |                           |                              |                                       |                     | CESSATION:                      |                         | 00:00                              |                                       | 00:00               | 0.0 |
|  |  |   |  |                           |                              |                                       |                     | COLLISIONS:                     |                         | 00:00                              |                                       | 00:00               | 0.0 |
|  |  |   |  |                           |                              |                                       |                     | TOTALS:                         |                         | 00:00                              |                                       | 00:00               | 0.0 |
|  |  |   |  |                           |                              |                                       |                     | TOTAL TIME/MILES:               |                         | 00:00                              |                                       | 24:00               | 0.0 |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 52 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>43          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/28/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

Glenn Edwards continued working in A.S. #3 Mobile Lower Bay Sta. 1080+00 to 1136+00 dredging to a grade depth of 45'+2' and continued overflow tests in 15 min.increments during night loads

(24:00 - 01:00) 60 Min.delays to repair weirs

USACE QA inspector Carlos Pettway onboard.

No incidents involving endangered species occurred.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |  |                           |                |                                       |       |                    |                     | PAGE NO.<br>Page 53 of 69          |                                       |
|--|-----------|---|--|---------------------------|----------------|---------------------------------------|-------|--------------------|---------------------|------------------------------------|---------------------------------------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |                           |                | CONTRACTOR<br>Manson Construction Co. |       |                    |                     | REPORT NO.<br>44                   |                                       |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |                           |                |                                       |       |                    |                     | DATE<br>05/29/2013                 |                                       |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |  |                           |                | AVG VOL OF BIN WATER: 180 CY          |       |                    |                     | AVG UNFILLED CAP: 13392 CY         |                                       |
|  |           | NO. OF CREW MEMBERS   |  | DREDGE                    |                | OTHER PLANT                           |       | WORK SCHEDULE      |                     | SHIFTS PER DAY                     | DAYS PER WEEK                         |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |  | REACH DREDGED; STA TO STA |                |                                       |       | DISPOSAL AREA USE  |                     | QTY DEPOSITED GROSS(CY)            | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |           | Mobile Lower Bay  |  | Sta.1080+00 to 1136+00    |                |                                       |       | DA 1 and 2         |                     | 0                                  | 568,828                               |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |  |                           |                | 1.35                                  |       |                    |                     | GMS/LITER 1.35                     |                                       |
|  |           | DENSITY OF WATER  |  |                           |                | 1.0150                                |       |                    |                     | GMS/LITER@ 78 °F                   |                                       |
| RIVER/TIDE STAGE                         |           | MIN 0.00  |  | TIME 00:00                |                | MAX 0.00                              |       | TIME 00:00         |                     | GAGE LOCATION Theodore / Dog River |                                       |
|  |           | MIN 0.00  |  | TIME 00:00                |                | MAX 0.00                              |       | TIME 00:00         |                     | GAGE DATUM MLLW                    |                                       |
| WEATHER CONDITION                        |           | WEATHER<br>Weather Caused No Delay  |  |                           |                | TEMP<br>60 °F / 88 °F                 |       | VISIBILITY<br>8 MI |                     | WIND<br>SE 3-5 MPH                 |                                       |
| DRAFT                                    |           |   |  |                           |                | DISTRIBUTION OF TIME AND MILES RUN    |       |                    |                     |                                    |                                       |
|  |           | LIGHT   |  | LOADED                    |                |                                       |       | AGITATING (MIN)    | DREDGE & HAUL (MIN) | MILES RUN (NAUT MI)                |                                       |
| FORWARD                                  |           | 10  |  | 26                        |                | EFFECTIVE WORKING TIME:               |       |                    |                     |                                    |                                       |
| AFT                                      |           | 15  |  | 26                        |                | PUMPING:                              | 00:00 | 04:16              | 0.0                 |                                    |                                       |
| DRAG DEPTH                               |           | MAX 0   |  | MIN 0                     |                | TURNING:                              | 00:00 | 00:54              | 0.0                 |                                    |                                       |
| INDICATORS LAST CHECKED ON               |           | 05/17/2013  |  | TO DUMP:                  | 00:00          | 08:33                                 | 0.0   |                    |                     |                                    |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  |  | 0                         | CONNECTING:    | 00:00                                 | 00:00 | 0.0                |                     |                                    |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  |  | 0                         | DUMPING:       | 00:00                                 | 00:24 | 0.0                |                     |                                    |                                       |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   |  | 5,345                     | DISCONNECTING: | 00:00                                 | 00:00 | 0.0                |                     |                                    |                                       |
| GALLONS OF WATER CONSUMED                |           | GAL   |  | 936                       | TO CUT:        | 00:00                                 | 09:53 | 0.0                |                     |                                    |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 24:00              | 0.0                 |                                    |                                       |
| NON-EFFECTIVE WORKING TIME:              |           |   |  |                           |                |                                       |       |                    |                     |                                    |                                       |
| WORK PERFORMED                           |           |   |  |                           |                | TAKING ON FUEL AND SUPPLIES           | 00:00 | 00:00              | 0.0                 |                                    |                                       |
| DREDGING AND HAULING                     |           |   |  | AGITATING                 |                | TO AND FROM WHARF OR ANCHORAGE:       | 00:00 | 00:00              | 0.0                 |                                    |                                       |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |  | TOTAL CYS                 |                | LOSS DUE TO NATURAL ELEMENTS:         | 00:00 | 00:00              | 0.0                 |                                    |                                       |
|  |           |   |  |                           |                | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00 | 00:00              | 0.0                 |                                    |                                       |
|  |           |   |  |                           |                | MINOR OPERATING REPAIRS               | 00:00 | 00:00              | 0.0                 |                                    |                                       |
|  |           |   |  |                           |                | TRANSFERRING BETWEEN WORKS            | 00:00 | 00:00              | 0.0                 |                                    |                                       |
| ATTENDANT PLANT                          |           |   |  |                           |                | LAY TIME:                             | 00:00 | 00:00              | 0.0                 |                                    |                                       |
| ITEM                                     |           | NAME OR NUMBER  |  | H.P.                      | HOURS          | FIRE AND BOAT DRILLS:                 | 00:00 | 00:00              | 0.0                 |                                    |                                       |
| Crew / Survey Boat                       |           | M/V Speedy M  |  | 600                       | 24:00          | MISCELLANEOUS                         | 00:00 | 00:00              | 0.0                 |                                    |                                       |
|  |           |   |  |                           |                | TOTALS                                | 00:00 | 00:00              | 0.0                 |                                    |                                       |
| LOST TIME:                               |           |   |  |                           |                |                                       |       |                    |                     |                                    |                                       |
|  |           |   |  |                           |                | MAJOR REPAIRS AND ALTERNATIONS        | 00:00 | 00:00              | 0.0                 |                                    |                                       |
|  |           |   |  |                           |                | CESSATION:                            | 00:00 | 00:00              | 0.0                 |                                    |                                       |
|  |           |   |  |                           |                | COLLISIONS:                           | 00:00 | 00:00              | 0.0                 |                                    |                                       |
|  |           |   |  |                           |                | TOTALS:                               | 00:00 | 00:00              | 0.0                 |                                    |                                       |
|  |           |   |  |                           |                | TOTAL TIME/MILES:                     | 00:00 | 24:00              | 0.0                 |                                    |                                       |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 54 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>44          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/29/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

The Glenn Edwards continued dredging in Lower Mobile Bay to a grade depth of 45'+2' and continued overflow tests in 15 min. increments during night loads. Loads 75-77 were removed from STA: 1080+00 to 1136+00 and Loads 78-80 were removed from the green-toe[west side of the channel] between STA: 1400+00 and 1450+00 as directed by the Corps.

No delays today

USACE QA inspector Carlos Pettway onboard.

No incidents involving endangered species occurred.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |  |   |  |               |   |                                       |  |                                 |  | PAGE NO.<br>Page 55 of 69         |  |  |     |     |
|--|--|---|--|---------------|---|---------------------------------------|--|---------------------------------|--|-----------------------------------|--|--|-----|-----|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |  | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |               |   | CONTRACTOR<br>Manson Construction Co. |  |                                 |  | REPORT NO.<br>45                  |  |  |     |     |
| CHARACTER OF REPORT                      |  | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |               |   |                                       |  | DATE<br>05/30/2013              |  |                                   |  |  |     |     |
| DREDGE<br>Glenn Edwards                  |  | HOPPER CAP: 13572 CY  |  |               | AVG VOL OF BIN WATER: 180 CY                    |                                       |  | AVG UNFILLED CAP: 13392 CY      |  |                                   |  |  |     |     |
|  |  | NO. OF CREW MEMBERS   |  | DREDGE<br>18  |   | OTHER PLANT<br>2                      |  | WORK SCHEDULE                   |  | SHIFTS PER DAY<br>2               |  | DAYS PER WEEK<br>7                               |     |     |
| LOCATION OF WORK                         |  | LOCATION CHANNEL<br>Mobile Harbor Upper Sump                                      |  |               | REACH DREDGED; STA TO STA<br>STA: 9+30 to 32+76 |                                       |  | DISPOSAL AREA USE<br>DA 1 and 2 |  | QTY DEPOSITED GROSS(CY)<br>0      |  | CUMULATIVE AND QTY DEPOSIT FOR DA(CY)<br>591,281 |     |     |
|  |  | AVG LENGTH OF CUT<br>5600 FT  |  |               | AVG WIDTH OF CUT<br>1000 FT                     |                                       |  | AVG DIST TO DUMP<br>39 NM       |  |                                   |  |  |     |     |
| CHARACTER OF MATERIAL                    |  | DENSITY OF MATERIALS  |  |               |   | 1.35                                  |  | GMS/LITER                       |  | 1.35                              |  |  |     |     |
|  |  | DENSITY OF WATER  |  |               |   | 1.0010                                |  | GMS/LITER@                      |  | 78 °F                             |  |  |     |     |
| RIVER/TIDE STAGE                         |  | MIN 0.00  |  | TIME 00:00    |   | MAX 0.00                              |  | TIME 00:00                      |  | GAGE LOCATION Alabama State Docks |  |  |     |     |
|  |  | MIN 0.00  |  | TIME 00:00    |   | MAX 0.00                              |  | TIME 00:00                      |  | GAGE DATUM MLLW                   |  |  |     |     |
| WEATHER CONDITION                        |  | WEATHER<br>Weather Caused No Delay  |  |               |   | TEMP<br>73 °F / 88 °F                 |  | VISIBILITY<br>10 MI             |  | WIND<br>13-18 MPH                 |  |  |     |     |
| DRAFT                                    |  |   |  |               |   | DISTRIBUTION OF TIME AND MILES RUN    |  |                                 |  |                                   |  |  |     |     |
|  |  | LIGHT   |  | LOADED        |   |                                       |  | AGITATING (MIN)                 |  | DREDGE & HAUL (MIN)               |  | MILES RUN (NAUT MI)                              |     |     |
| FORWARD                                  |  | 9   |  | 27            |   | EFFECTIVE WORKING TIME:               |  |                                 |  |                                   |  |  |     |     |
| AFT                                      |  | 14  |  | 26            |   | PUMPING:                              |  | 00:00                           |  | 01:33                             |  | 0.0  |     |     |
| DRAG DEPTH                               |  | MAX 0   |  | MIN 0         |   | TURNING:                              |  | 00:00                           |  | 00:18                             |  | 0.0  |     |     |
| INDICATORS LAST CHECKED ON               |  | 05/17/2013  |  |               |   |                                       |  |                                 |  |                                   |  |  |     |     |
| AVERAGE SPEED OF DREDGE DURING LOADING   |  | FT/MIN  |  | 0             |   | TO DUMP:                              |  | 00:00                           |  | 12:01                             |  | 0.0  |     |     |
| AVERAGE SPEED OF DREDGE DURING AGITATING |  | FT/MIN  |  | 0             |   | CONNECTING:                           |  | 00:00                           |  | 00:00                             |  | 0.0  |     |     |
| GALLONS OF FUEL OIL CONSUMED             |  | GAL   |  | 5,849         |   | DUMPING:                              |  | 00:00                           |  | 00:12                             |  | 0.0  |     |     |
| GALLONS OF WATER CONSUMED                |  | GAL   |  | 780           |   | DISCONNECTING:                        |  | 00:00                           |  | 00:00                             |  | 0.0  |     |     |
|  |  |   |  |               |   | TO CUT:                               |  | 00:00                           |  | 09:56                             |  | 0.0  |     |     |
|  |  |   |  |               |   | TOTALS:                               |  | 00:00                           |  | 24:00                             |  | 0.0  |     |     |
| WORK PERFORMED                           |  |   |  |               |   | NON-EFFECTIVE WORKING TIME:           |  |                                 |  |                                   |  |  |     |     |
|  |  |   |  |               |   | TAKING ON FUEL AND SUPPLIES           |  | 00:00                           |  | 00:00                             |  | 0.0  |     |     |
|  |  |   |  |               |   | TO AND FROM WHARF OR ANCHORAGE:       |  | 00:00                           |  | 00:00                             |  | 0.0  |     |     |
| NO.OF LOADS                              |  | TOTAL CYS   |  | DISPOSAL AREA |   | TOTAL CYS                             |  | LOSS DUE TO NATURAL ELEMENTS:   |  | 00:00                             |  | 00:00  | 0.0 |     |
|  |  |   |  |               |   |                                       |  | LOSS DUE TO TRAFFIC AND BRIDGES |  | 00:00                             |  | 00:00  |     | 0.0 |
|  |  |   |  |               |   |                                       |  | MINOR OPERATING REPAIRS         |  | 00:00                             |  | 00:00  |     | 0.0 |
|  |  |   |  |               |   |                                       |  | TRANSFERRING BETWEEN WORKS      |  | 00:00                             |  | 00:00  |     | 0.0 |
|  |  |   |  |               |   |                                       |  | LAY TIME:                       |  | 00:00                             |  | 00:00  |     | 0.0 |
| ITEM                                     |  | NAME OR NUMBER  |  | H.P.          |   | HOURS                                 |  | FIRE AND BOAT DRILLS:           |  | 00:00                             |  | 00:00  |     | 0.0 |
| Crew / Survey Boat                       |  | M/V Speedy M  |  | 600           |   | 24:00                                 |  | MISCELLANEOUS                   |  | 00:00                             |  | 00:00  |     | 0.0 |
|  |  |   |  |               |   |                                       |  | TOTALS                          |  | 00:00                             |  | 00:00  |     | 0.0 |
|  |  |   |  |               |   |                                       |  | LOST TIME:                      |  |                                   |  |  |     |     |
|  |  |   |  |               |   |                                       |  | MAJOR REPAIRS AND ALTERNATIONS  |  | 00:00                             |  | 00:00  |     | 0.0 |
|  |  |   |  |               |   |                                       |  | CESSATION:                      |  | 00:00                             |  | 00:00  |     | 0.0 |
|  |  |   |  |               |   |                                       |  | COLLISIONS:                     |  | 00:00                             |  | 00:00  |     | 0.0 |
|  |  |   |  |               |   |                                       |  | TOTALS:                         |  | 00:00                             |  | 00:00  |     | 0.0 |
|  |  |   |  |               |   |                                       |  | TOTAL TIME/MILES:               |  | 00:00                             |  | 24:00  |     | 0.0 |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 56 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>45          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/30/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

The Glenn Edwards began dredging operations in the Upper Sump again between STA: 9+30 and 32+76. 3 loads were removed, with load #81 being an overflow load as directed by USACE during nighttime operations.

No delays today

USACE QA inspector Carlos Pettaway onboard.

No incidents involving endangered species occurred.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |



| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |                     |                                    |                                 |                            | PAGE NO.                |                                       |
|--|-----------|---|---------------------|------------------------------------|---------------------------------|----------------------------|-------------------------|---------------------------------------|
|  |           |   |                     |                                    |                                 |                            | Page 57 of 69           |                                       |
| CONTRACT NO.                             |           | CONTRACT TITLE  |                     |                                    | CONTRACTOR                      |                            | REPORT NO.              |                                       |
| W91278-13-D-0005 0001                    |           | Rental Hopper Dredge for Mobile Harbor  |                     |                                    | Manson Construction Co.         |                            | 46                      |                                       |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |                     |                                    |                                 |                            | DATE                    |                                       |
|  |           |   |                     |                                    |                                 |                            | 05/31/2013              |                                       |
| DREDGE                                   |           | HOPPER CAP: 13572 CY  |                     | AVG VOL OF BIN WATER: 180 CY       |                                 | AVG UNFILLED CAP: 13392 CY |                         |                                       |
| Glenn Edwards                            |           | NO. OF CREW MEMBERS   | DREDGE              | OTHER PLANT                        | WORK SCHEDULE                   | SHIFTS PER DAY             | DAYS PER WEEK           |                                       |
|  |           | 18  | 2                   |                                    |                                 | 2                          | 7                       |                                       |
| LOCATION OF WORK                         |           | LOCATION CHANNEL  |                     | REACH DREDGED; STA TO STA          |                                 | DISPOSAL AREA USE          | QTY DEPOSITED GROSS(CY) | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |           | Mobile Harbor Upper Sump  |                     | STA: 9+30 to 32+76                 |                                 | DA 1 and 2                 | 0                       | 606,212                               |
|  |           | AVG LENGTH OF CUT   |                     | AVG WIDTH OF CUT                   |                                 | AVG DIST TO DUMP           |                         |                                       |
|  |           | 2346 FT   |                     | 1000 FT                            |                                 | 39 NM                      |                         |                                       |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |                     |                                    | 1.35                            |                            | GMS/LITER               | 1.35                                  |
|  |           | DENSITY OF WATER  |                     |                                    | 1.0010                          |                            | GMS/LITER@              | 78 °F                                 |
| RIVER/TIDE STAGE                         |           | MIN   | 0.00                | TIME                               | 00:00                           | MAX                        | 0.00                    | TIME                                  |
|  |           |   |                     |                                    |                                 |                            |                         | 00:00                                 |
|  |           | GAGE LOCATION   | Alabama State Docks |                                    |                                 |                            |                         |                                       |
|  |           | MIN   | 0.00                | TIME                               | 00:00                           | MAX                        | 0.00                    | TIME                                  |
|  |           |   |                     |                                    |                                 |                            |                         | 00:00                                 |
|  |           | GAGE DATUM  | MLLW                |                                    |                                 |                            |                         |                                       |
| WEATHER CONDITION                        |           | WEATHER   |                     |                                    | TEMP                            |                            | VISIBILITY              | WIND                                  |
|  |           | Weather Caused No Delay   |                     |                                    | 75 °F / 88 °F                   |                            | 10 MI                   | 13-18 MPH                             |
| DRAFT                                    |           |   |                     | DISTRIBUTION OF TIME AND MILES RUN |                                 |                            |                         |                                       |
| LIGHT                                    |           | LOADED  |                     |                                    | AGITATING (MIN)                 | DREDGE & HAUL (MIN)        | MILES RUN (NAUT MI)     |                                       |
| FORWARD                                  |           | 9   |                     | 27                                 |                                 | EFFECTIVE WORKING TIME:    |                         |                                       |
| AFT                                      |           | 14  |                     | 26                                 |                                 | PUMPING:                   | 00:00                   | 01:57                                 |
|  |           |   |                     |                                    |                                 | TURNING:                   | 00:00                   | 00:12                                 |
| DRAG DEPTH                               |           | MAX 0   | MIN 0               |                                    |                                 | TO DUMP:                   | 00:00                   | 11:52                                 |
| INDICATORS LAST CHECKED ON               |           | 05/17/2013  |                     |                                    |                                 |                            |                         |                                       |
| CONNECTING:                              |           |   |                     |                                    |                                 | 00:00                      | 00:00                   | 0.0                                   |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  | 0                   |                                    | DUMPING:                        | 00:00                      | 00:08                   | 0.0                                   |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  | 0                   |                                    | DISCONNECTING:                  | 00:00                      | 00:00                   | 0.0                                   |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   | 5,860               |                                    | TO CUT:                         | 00:00                      | 09:51                   | 0.0                                   |
| GALLONS OF WATER CONSUMED                |           | GAL   | 780                 |                                    | TOTALS:                         | 00:00                      | 24:00                   | 0.0                                   |
| WORK PERFORMED                           |           |   |                     | NON-EFFECTIVE WORKING TIME:        |                                 |                            |                         |                                       |
| TAKING ON FUEL AND SUPPLIES              |           |   |                     |                                    |                                 | 00:00                      | 00:00                   | 0.0                                   |
| DREDGING AND HAULING                     |           | AGITATING   |                     |                                    |                                 |                            |                         |                                       |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |                     | TOTAL CYS                          | TO AND FROM WHARF OR ANCHORAGE: | 00:00                      | 00:00                   | 0.0                                   |
|  |           |   |                     |                                    | LOSS DUE TO NATURAL ELEMENTS:   | 00:00                      | 00:00                   | 0.0                                   |
|  |           |   |                     |                                    | LOSS DUE TO TRAFFIC AND BRIDGES | 00:00                      | 00:00                   | 0.0                                   |
|  |           |   |                     |                                    | MINOR OPERATING REPAIRS         | 00:00                      | 00:00                   | 0.0                                   |
|  |           |   |                     |                                    | TRANSFERRING BETWEEN WORKS      | 00:00                      | 00:00                   | 0.0                                   |
| ATTENDANT PLANT                          |           |   |                     |                                    | LAY TIME:                       | 00:00                      | 00:00                   | 0.0                                   |
| ITEM                                     |           | NAME OR NUMBER  | H.P.                | HOURS                              | FIRE AND BOAT DRILLS:           | 00:00                      | 00:00                   | 0.0                                   |
| Crew / Survey Boat                       |           | M/V Speedy M  | 600                 | 24:00                              | MISCELLANEOUS                   | 00:00                      | 00:00                   | 0.0                                   |
|  |           |   |                     |                                    | TOTALS                          | 00:00                      | 00:00                   | 0.0                                   |
|  |           |   |                     |                                    | LOST TIME:                      |                            |                         |                                       |
|  |           |   |                     |                                    | MAJOR REPAIRS AND ALTERNATIONS  | 00:00                      | 00:00                   | 0.0                                   |
|  |           |   |                     |                                    | CESSATION:                      | 00:00                      | 00:00                   | 0.0                                   |
|  |           |   |                     |                                    | COLLISIONS:                     | 00:00                      | 00:00                   | 0.0                                   |
|  |           |   |                     |                                    | TOTALS:                         | 00:00                      | 00:00                   | 0.0                                   |
|  |           |   |                     |                                    | TOTAL TIME/MILES:               | 00:00                      | 24:00                   | 0.0                                   |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 58 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>46          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>05/31/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

The Glenn Edwards continued dredging operations in the Upper Sump between STA: 9+30 and 32+76. 2 loads were removed, with load #84 being an overflow load as directed by USACE during nighttime operations.

No delays today

USACE QA inspector Carlos Pettway onboard.

No incidents involving endangered species occurred.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |                |   |            |                                    |                         |                                   | PAGE NO.                |                                       |
|--|----------------|---|------------|------------------------------------|-------------------------|-----------------------------------|-------------------------|---------------------------------------|
|  |                |   |            |                                    |                         |                                   | Page 59 of 69           |                                       |
| CONTRACT NO.                             |                | CONTRACT TITLE  |            |                                    | CONTRACTOR              |                                   | REPORT NO.              |                                       |
| W91278-13-D-0005 0001                    |                | Rental Hopper Dredge for Mobile Harbor  |            |                                    | Manson Construction Co. |                                   | 47                      |                                       |
| CHARACTER OF REPORT                      |                | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |            |                                    |                         |                                   | DATE                    |                                       |
|  |                |   |            |                                    |                         |                                   | 06/01/2013              |                                       |
| DREDGE                                   |                | HOPPER CAP: 13572 CY  |            | AVG VOL OF BIN WATER: 180 CY       |                         | AVG UNFILLED CAP: 13392 CY        |                         |                                       |
| Glenn Edwards                            |                | NO. OF CREW MEMBERS   | DREDGE     | OTHER PLANT                        | WORK SCHEDULE           | SHIFTS PER DAY                    | DAYS PER WEEK           |                                       |
|  |                | 18  | 2          |                                    |                         | 2                                 | 7                       |                                       |
| LOCATION OF WORK                         |                | LOCATION CHANNEL  |            | REACH DREDGED; STA TO STA          |                         | DISPOSAL AREA USE                 | QTY DEPOSITED GROSS(CY) | CUMULATIVE AND QTY DEPOSIT FOR DA(CY) |
|  |                | Mobile Harbor Upper Sump  |            | STA: 9+30 to 32+76                 |                         | DA 1 and 2                        | 0                       | 631,471                               |
|  |                | AVG LENGTH OF CUT 2346 FT   |            | AVG WIDTH OF CUT 1000 FT           |                         | AVG DIST TO DUMP 39 NM            |                         |                                       |
| CHARACTER OF MATERIAL                    |                | DENSITY OF MATERIALS  |            |                                    | 1.35                    |                                   | GMS/LITER               | 1.35                                  |
|  |                | DENSITY OF WATER  |            |                                    | 1.0010                  |                                   | GMS/LITER@              | 78 °F                                 |
| RIVER/TIDE STAGE                         |                | MIN 0.00  | TIME 00:00 | MAX 0.00                           | TIME 00:00              | GAGE LOCATION Alabama State Docks |                         |                                       |
|  |                | MIN 0.00  | TIME 00:00 | MAX 0.00                           | TIME 00:00              | GAGE DATUM MLLW                   |                         |                                       |
| WEATHER CONDITION                        |                | WEATHER   |            | TEMP                               | VISIBILITY              | WIND                              |                         |                                       |
|  |                | Weather Caused No Delay   |            | 70 °F / 78 °F                      | 10 MI                   | 13-18 MPH                         |                         |                                       |
| DRAFT                                    |                |   |            | DISTRIBUTION OF TIME AND MILES RUN |                         |                                   |                         |                                       |
| LIGHT                                    |                | LOADED  |            |                                    | AGITATING (MIN)         | DREDGE & HAUL (MIN)               | MILES RUN (NAUT MI)     |                                       |
| FORWARD                                  |                | 9   | 27         | EFFECTIVE WORKING TIME:            |                         |                                   |                         |                                       |
| AFT                                      |                | 14  | 26         | PUMPING:                           | 00:00                   | 01:48                             | 0.0                     |                                       |
| DRAG DEPTH                               |                | MAX 0   | MIN 0      | TURNING:                           | 00:00                   | 00:18                             | 0.0                     |                                       |
| INDICATORS LAST CHECKED ON               |                | 05/17/2013  |            |                                    |                         |                                   |                         |                                       |
| AVERAGE SPEED OF DREDGE DURING LOADING   |                | FT/MIN  | 0          | TO DUMP:                           | 00:00                   | 11:10                             | 0.0                     |                                       |
| AVERAGE SPEED OF DREDGE DURING AGITATING |                | FT/MIN  | 0          | CONNECTING:                        | 00:00                   | 00:00                             | 0.0                     |                                       |
| GALLONS OF FUEL OIL CONSUMED             |                | GAL   | 5,800      | DUMPING:                           | 00:00                   | 00:12                             | 0.0                     |                                       |
| GALLONS OF WATER CONSUMED                |                | GAL   | 936        | DISCONNECTING:                     | 00:00                   | 00:00                             | 0.0                     |                                       |
|  |                |   |            | TO CUT:                            | 00:00                   | 10:32                             | 0.0                     |                                       |
|  |                |   |            | TOTALS:                            | 00:00                   | 24:00                             | 0.0                     |                                       |
| WORK PERFORMED                           |                |   |            | NON-EFFECTIVE WORKING TIME:        |                         |                                   |                         |                                       |
|  |                |   |            | TAKING ON FUEL AND SUPPLIES        | 00:00                   | 00:00                             | 0.0                     |                                       |
| DREDGING AND HAULING                     |                |   | AGITATING  | TO AND FROM WHARF OR ANCHORAGE:    | 00:00                   | 00:00                             | 0.0                     |                                       |
| NO.OF LOADS                              | TOTAL CYS      | DISPOSAL AREA   | TOTAL CYS  | LOSS DUE TO NATURAL ELEMENTS:      | 00:00                   | 00:00                             | 0.0                     |                                       |
|  |                |   |            | LOSS DUE TO TRAFFIC AND BRIDGES    | 00:00                   | 00:00                             | 0.0                     |                                       |
|  |                |   |            | MINOR OPERATING REPAIRS            | 00:00                   | 00:00                             | 0.0                     |                                       |
|  |                |   |            | TRANSFERRING BETWEEN WORKS         | 00:00                   | 00:00                             | 0.0                     |                                       |
| ATTENDANT PLANT                          |                |   |            | LAY TIME:                          | 00:00                   | 00:00                             | 0.0                     |                                       |
| ITEM                                     | NAME OR NUMBER | H.P.  | HOURS      | FIRE AND BOAT DRILLS:              | 00:00                   | 00:00                             | 0.0                     |                                       |
| Crew / Survey Boat                       | M/V Speedy M   | 600   | 24:00      | MISCELLANEOUS                      | 00:00                   | 00:00                             | 0.0                     |                                       |
|  |                |   |            | TOTALS                             | 00:00                   | 00:00                             | 0.0                     |                                       |
|  |                |   |            | LOST TIME:                         |                         |                                   |                         |                                       |
|  |                |   |            | MAJOR REPAIRS AND ALTERNATIONS     | 00:00                   | 00:00                             | 0.0                     |                                       |
|  |                |   |            | CESSATION:                         | 00:00                   | 00:00                             | 0.0                     |                                       |
|  |                |   |            | COLLISIONS:                        | 00:00                   | 00:00                             | 0.0                     |                                       |
|  |                |   |            | TOTALS:                            | 00:00                   | 00:00                             | 0.0                     |                                       |
|  |                |   |            | TOTAL TIME/MILES:                  | 00:00                   | 24:00                             | 0.0                     |                                       |

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|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 60 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>47          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>06/01/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

The Glenn Edwards continued dredging operations in the Upper Sump between STA: 9+30 and 32+76. 3 loads were removed, with load #86 and #87 being overflow loads as directed by USACE during nighttime operations.

No delays today

No USACE QA inspecor aboard today

No incidents involving endangered species ocured.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |              |   |            |   |                                    |                                       |                              |  |  | PAGE NO.<br>Page 61 of 69 |  |
|--|--------------|---|------------|---|------------------------------------|---------------------------------------|------------------------------|--|--|---------------------------|--|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |              | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |            |   |                                    | CONTRACTOR<br>Manson Construction Co. |                              |  |  | REPORT NO.<br>48          |  |
| CHARACTER OF REPORT                      |              | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |            |   |                                    |                                       |                              | DATE<br>06/02/2013                               |  |                           |  |
| DREDGE<br>Glenn Edwards                  |              | HOPPER CAP: 13572 CY  |            | AVG VOL OF BIN WATER: 180 CY                    |                                    | AVG UNFILLED CAP: 13392 CY            |                              |  |  |                           |  |
|  |              | NO. OF CREW MEMBERS   | DREDGE     | OTHER PLANT                                     | WORK SCHEDULE                      | SHIFTS PER DAY                        | DAYS PER WEEK                |  |  |                           |  |
|  |              | 18  | 2          |   |                                    | 2                                     | 7                            |  |  |                           |  |
| LOCATION OF WORK                         |              | LOCATION CHANNEL<br>Mobile Harbor Upper Sump                                      |            | REACH DREDGED; STA TO STA<br>STA: 9+30 to 32+76 |                                    | DISPOSAL AREA USE<br>DA 1 and 2       | QTY DEPOSITED GROSS(CY)<br>0 | CUMULATIVE AND QTY DEPOSIT FOR DA(CY)<br>654,260 |  |                           |  |
|  |              | AVG LENGTH OF CUT 2346 FT   |            | AVG WIDTH OF CUT 1000 FT                        |                                    | AVG DIST TO DUMP 39 NM                |                              |  |  |                           |  |
| CHARACTER OF MATERIAL                    |              | DENSITY OF MATERIALS  |            |   |                                    | 1.35                                  | GMS/LITER                    | 1.35   |  |                           |  |
|  |              | DENSITY OF WATER  |            |   |                                    | 1.0010                                | GMS/LITER@                   | 78 °F  |  |                           |  |
| RIVER/TIDE STAGE                         |              | MIN 0.00  | TIME 00:00 | MAX 0.00  | TIME 00:00                         | GAGE LOCATION                         |                              | Alabama State Docks                              |  |                           |  |
|  |              | MIN 0.00  | TIME 00:00 | MAX 0.00  | TIME 00:00                         | GAGE DATUM                            |                              | MLLW   |  |                           |  |
| WEATHER CONDITION                        |              | WEATHER<br>Weather Caused No Delay  |            |   | TEMP<br>69 °F / 91 °F              | VISIBILITY<br>10 MI                   | WIND<br>10-15 MPH            |  |  |                           |  |
| DRAFT                                    |              |   |            |   | DISTRIBUTION OF TIME AND MILES RUN |                                       |                              |  |  |                           |  |
|  | LIGHT        |   | LOADED     |   |                                    | AGITATING (MIN)                       | DREDGE & HAUL (MIN)          | MILES RUN (NAUT MI)                              |  |                           |  |
| FORWARD                                  | 9            |   | 26         |   | EFFECTIVE WORKING TIME:            |                                       |                              |  |  |                           |  |
| AFT                                      | 14           |   | 25         |   | PUMPING:                           | 00:00                                 | 01:45                        | 0.0  |  |                           |  |
| DRAG DEPTH                               | MAX 0        | MIN 0   |            |   | TURNING:                           | 00:00                                 | 00:18                        | 0.0  |  |                           |  |
| INDICATORS LAST CHECKED ON               | 05/17/2013   |   |            |   |                                    |                                       |                              |  |  |                           |  |
| AVERAGE SPEED OF DREDGE DURING LOADING   | FT/MIN       | 0   |            |   | TO DUMP:                           | 00:00                                 | 11:24                        | 0.0  |  |                           |  |
| AVERAGE SPEED OF DREDGE DURING AGITATING | FT/MIN       | 0   |            |   | CONNECTING:                        | 00:00                                 | 00:00                        | 0.0  |  |                           |  |
| GALLONS OF FUEL OIL CONSUMED             | GAL          | 5,911   |            |   | DUMPING:                           | 00:00                                 | 00:12                        | 0.0  |  |                           |  |
| GALLONS OF WATER CONSUMED                | GAL          | 1,092   |            |   | DISCONNECTING:                     | 00:00                                 | 00:00                        | 0.0  |  |                           |  |
|  |              |   |            |   | TO CUT:                            | 00:00                                 | 10:21                        | 0.0  |  |                           |  |
|  |              |   |            |   | TOTALS:                            | 00:00                                 | 24:00                        | 0.0  |  |                           |  |
| WORK PERFORMED                           |              |   |            |   | NON-EFFECTIVE WORKING TIME:        |                                       |                              |  |  |                           |  |
|  |              |   |            |   | TAKING ON FUEL AND SUPPLIES        | 00:00                                 | 00:00                        | 0.0  |  |                           |  |
|  |              |   |            |   | TO AND FROM WHARF OR ANCHORAGE:    | 00:00                                 | 00:00                        | 0.0  |  |                           |  |
| NO.OF LOADS                              | TOTAL CYS    | DISPOSAL AREA   | TOTAL CYS  |   | LOSS DUE TO NATURAL ELEMENTS:      | 00:00                                 | 00:00                        | 0.0  |  |                           |  |
|  |              |   |            |   | LOSS DUE TO TRAFFIC AND BRIDGES    | 00:00                                 | 00:00                        | 0.0  |  |                           |  |
|  |              |   |            |   | MINOR OPERATING REPAIRS            | 00:00                                 | 00:00                        | 0.0  |  |                           |  |
|  |              |   |            |   | TRANSFERRING BETWEEN WORKS         | 00:00                                 | 00:00                        | 0.0  |  |                           |  |
|  |              |   |            |   | LAY TIME:                          | 00:00                                 | 00:00                        | 0.0  |  |                           |  |
|  |              |   |            |   | FIRE AND BOAT DRILLS:              | 00:00                                 | 00:00                        | 0.0  |  |                           |  |
| Crew / Survey Boat                       | M/V Speedy M | 600   | 24:00      |   | MISCELLANEOUS                      | 00:00                                 | 00:00                        | 0.0  |  |                           |  |
|  |              |   |            |   | TOTALS                             | 00:00                                 | 00:00                        | 0.0  |  |                           |  |
|  |              |   |            |   | LOST TIME:                         |                                       |                              |  |  |                           |  |
|  |              |   |            |   | MAJOR REPAIRS AND ALTERNATIONS     | 00:00                                 | 00:00                        | 0.0  |  |                           |  |
|  |              |   |            |   | CESSATION:                         | 00:00                                 | 00:00                        | 0.0  |  |                           |  |
|  |              |   |            |   | COLLISIONS:                        | 00:00                                 | 00:00                        | 0.0  |  |                           |  |
|  |              |   |            |   | TOTALS:                            | 00:00                                 | 00:00                        | 0.0  |  |                           |  |
|  |              |   |            |   | TOTAL TIME/MILES:                  | 00:00                                 | 24:00                        | 0.0  |  |                           |  |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 62 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>48          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>06/02/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

The Glenn Edwards continued dredging operations in the Upper Sump between STA: 9+30 and 32+76. 3 loads were removed, with load #90 and #92 being overflow loads as directed by USACE during nighttime operations.

No delays today

No USACE QA inspecor aboard today

No incidents involving endangered species ocured.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |           |   |              |           |   |                                       |                                 |                              |  | PAGE NO.<br>Page 63 of 69         |      |
|--|-----------|---|--------------|-----------|---|---------------------------------------|---------------------------------|------------------------------|--|-----------------------------------|------|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |           | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |              |           |   | CONTRACTOR<br>Manson Construction Co. |                                 |                              |  | REPORT NO.<br>49                  |      |
| CHARACTER OF REPORT                      |           | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |              |           |   |                                       |                                 | DATE<br>06/03/2013           |  |                                   |      |
| DREDGE<br>Glenn Edwards                  |           | HOPPER CAP: 13572 CY  |              |           | AVG VOL OF BIN WATER: 180 CY                    |                                       |                                 | AVG UNFILLED CAP: 13392 CY   |  |                                   |      |
|  |           | NO. OF CREW MEMBERS   | DREDGE<br>18 |           | OTHER PLANT<br>2                                | WORK SCHEDULE                         | SHIFTS PER DAY<br>2             | DAYS PER WEEK<br>7           |  |                                   |      |
| LOCATION OF WORK                         |           | LOCATION CHANNEL<br>Mobile Harbor Upper Sump                                      |              |           | REACH DREDGED; STA TO STA<br>STA: 9+30 to 32+76 |                                       | DISPOSAL AREA USE<br>DA 1 and 2 | QTY DEPOSITED GROSS(CY)<br>0 | CUMULATIVE AND QTY DEPOSIT FOR DA(CY)<br>674,244 |                                   |      |
|  |           | AVG LENGTH OF CUT<br>2346 FT  |              |           | AVG WIDTH OF CUT<br>1000 FT                     |                                       |                                 | AVG DIST TO DUMP<br>39 NM    |  |                                   |      |
| CHARACTER OF MATERIAL                    |           | DENSITY OF MATERIALS  |              |           |   | 1.35                                  |                                 | GMS/LITER                    |  | 1.35                              |      |
|  |           | DENSITY OF WATER  |              |           |   | 1.0010                                |                                 | GMS/LITER@                   |  | 78 °F                             |      |
| RIVER/TIDE STAGE                         |           | MIN   | 0.00         | TIME      | 00:00   | MAX                                   | 0.00                            | TIME                         | 00:00  | GAGE LOCATION Alabama State Docks |      |
|  |           | MIN   | 0.00         | TIME      | 00:00   | MAX                                   | 0.00                            | TIME                         | 00:00  | GAGE DATUM                        | MLLW |
| WEATHER CONDITION                        |           | WEATHER<br>Weather Caused No Delay  |              |           |   | TEMP<br>69 °F / 88 °F                 |                                 | VISIBILITY<br>10 MI          |  | WIND<br>10-15 MPH                 |      |
| DRAFT                                    |           |   |              |           |   | DISTRIBUTION OF TIME AND MILES RUN    |                                 |                              |  |                                   |      |
|  |           | LIGHT   |              | LOADED    |   |                                       |                                 | AGITATING (MIN)              | DREDGE & HAUL (MIN)                              | MILES RUN (NAUT MI)               |      |
| FORWARD                                  |           | 9   |              | 26        |   | EFFECTIVE WORKING TIME:               |                                 |                              |  |                                   |      |
| AFT                                      |           | 14  |              | 25        |   | PUMPING:                              | 00:00                           | 01:30                        | 0.0  |                                   |      |
| DRAG DEPTH                               |           | MAX 0   |              | MIN 0     |   | TURNING:                              | 00:00                           | 00:18                        | 0.0  |                                   |      |
| INDICATORS LAST CHECKED ON               |           | 05/17/2013  |              | TO DUMP:  | 00:00   | 09:05                                 | 0.0                             |                              |  |                                   |      |
| AVERAGE SPEED OF DREDGE DURING LOADING   |           | FT/MIN  | 0            |           | CONNECTING:                                     | 00:00                                 | 00:00                           | 0.0                          |  |                                   |      |
| AVERAGE SPEED OF DREDGE DURING AGITATING |           | FT/MIN  | 0            |           | DUMPING:  | 00:00                                 | 02:58                           | 0.0                          |  |                                   |      |
| GALLONS OF FUEL OIL CONSUMED             |           | GAL   | 5,807        |           | DISCONNECTING:                                  | 00:00                                 | 00:00                           | 0.0                          |  |                                   |      |
| GALLONS OF WATER CONSUMED                |           | GAL   | 936          |           | TO CUT:   | 00:00                                 | 10:09                           | 0.0                          |  |                                   |      |
|  |           |   |              |           |   | TOTALS:                               | 00:00                           | 24:00                        | 0.0  |                                   |      |
| NON-EFFECTIVE WORKING TIME:              |           |   |              |           |   |                                       |                                 |                              |  |                                   |      |
| WORK PERFORMED                           |           |   |              |           |   | TAKING ON FUEL AND SUPPLIES           | 00:00                           | 00:00                        | 0.0  |                                   |      |
| DREDGING AND HAULING                     |           |   |              | AGITATING |   | TO AND FROM WHARF OR ANCHORAGE:       | 00:00                           | 00:00                        | 0.0  |                                   |      |
| NO.OF LOADS                              | TOTAL CYS | DISPOSAL AREA   |              | TOTAL CYS |   | LOSS DUE TO NATURAL ELEMENTS:         | 00:00                           | 00:00                        | 0.0  |                                   |      |
|  |           |   |              |           |   | LOSS DUE TO TRAFFIC AND BRIDGES       | 00:00                           | 00:00                        | 0.0  |                                   |      |
|  |           |   |              |           |   | MINOR OPERATING REPAIRS               | 00:00                           | 00:00                        | 0.0  |                                   |      |
|  |           |   |              |           |   | TRANSFERRING BETWEEN WORKS            | 00:00                           | 00:00                        | 0.0  |                                   |      |
| ATTENDANT PLANT                          |           |   |              |           |   | LAY TIME:                             | 00:00                           | 00:00                        | 0.0  |                                   |      |
| ITEM                                     |           | NAME OR NUMBER  |              | H.P.      | HOURS   | FIRE AND BOAT DRILLS:                 | 00:00                           | 00:00                        | 0.0  |                                   |      |
| Crew / Survey Boat                       |           | M/V Speedy M  |              | 600       | 24:00   | MISCELLANEOUS                         | 00:00                           | 00:00                        | 0.0  |                                   |      |
|  |           |   |              |           |   | TOTALS                                | 00:00                           | 00:00                        | 0.0  |                                   |      |
| LOST TIME:                               |           |   |              |           |   |                                       |                                 |                              |  |                                   |      |
|  |           |   |              |           |   | MAJOR REPAIRS AND ALTERNATIONS        | 00:00                           | 00:00                        | 0.0  |                                   |      |
|  |           |   |              |           |   | CESSATION:                            | 00:00                           | 00:00                        | 0.0  |                                   |      |
|  |           |   |              |           |   | COLLISIONS:                           | 00:00                           | 00:00                        | 0.0  |                                   |      |
|  |           |   |              |           |   | TOTALS:                               | 00:00                           | 00:00                        | 0.0  |                                   |      |
|  |           |   |              |           |   | TOTAL TIME/MILES:                     | 00:00                           | 24:00                        | 0.0  |                                   |      |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 64 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>49          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>06/03/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

The Glenn Edwards continued dredging operations in the Upper Sump between STA: 9+30 and 32+76. 3 loads were removed, with load #93 and #95 being overflow loads as directed by USACE during nighttime operations.

No delays today

Carlos Pettway, QA and Jordan Brown, Manson were onboard today

No incidents involving endangered species occurred.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |



| QUALITY CONTROL REPORT-HOPPER DREDGE     |  |   |  |   |                              |                                       |                                 |                                 |                              | PAGE NO.<br>Page 65 of 69         |  |                     |     |
|--|--|---|--|---|------------------------------|---------------------------------------|---------------------------------|---------------------------------|------------------------------|-----------------------------------|--|---------------------|-----|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |  | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |   |                              | CONTRACTOR<br>Manson Construction Co. |                                 |                                 |                              | REPORT NO.<br>50                  |  |                     |     |
| CHARACTER OF REPORT                      |  | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |   |                              |                                       |                                 | DATE<br>06/04/2013              |                              |                                   |  |                     |     |
| DREDGE<br>Glenn Edwards                  |  | HOPPER CAP: 13572 CY  |  |   | AVG VOL OF BIN WATER: 180 CY |                                       |                                 | AVG UNFILLED CAP: 13392 CY      |                              |                                   |  |                     |     |
|  |  | NO. OF CREW MEMBERS   |  | DREDGE  |                              | OTHER PLANT                           |                                 | WORK SCHEDULE                   |                              | SHIFTS PER DAY                    |  | DAYS PER WEEK       |     |
| LOCATION OF WORK                         |  | LOCATION CHANNEL<br>Mobile Harbor Upper Sump                                      |  | REACH DREDGED; STA TO STA<br>STA: 9+30 to 32+76 |                              |                                       | DISPOSAL AREA USE<br>DA 1 and 2 |                                 | QTY DEPOSITED GROSS(CY)<br>0 |                                   | CUMULATIVE AND QTY DEPOSIT FOR DA(CY)<br>695,761 |                     |     |
|  |  | AVG LENGTH OF CUT 2346 FT   |  |   | AVG WIDTH OF CUT 1000 FT     |                                       |                                 | AVG DIST TO DUMP 39 NM          |                              |                                   |  |                     |     |
| CHARACTER OF MATERIAL                    |  | DENSITY OF MATERIALS  |  |   |                              | 1.35                                  |                                 | GMS/LITER                       |                              | 1.35                              |  |                     |     |
|  |  | DENSITY OF WATER  |  |   |                              | 1.0010                                |                                 | GMS/LITER@                      |                              | 78 °F                             |  |                     |     |
| RIVER/TIDE STAGE                         |  | MIN 0.00  |  | TIME 00:00                                      |                              | MAX 0.00                              |                                 | TIME 00:00                      |                              | GAGE LOCATION Alabama State Docks |  |                     |     |
|  |  | MIN 0.00  |  | TIME 00:00                                      |                              | MAX 0.00                              |                                 | TIME 00:00                      |                              | GAGE DATUM MLLW                   |  |                     |     |
| WEATHER CONDITION                        |  | WEATHER<br>Weather Caused No Delay  |  |   |                              | TEMP<br>72 °F / 91 °F                 |                                 | VISIBILITY<br>8 MI              |                              | WIND<br>10-15 MPH                 |  |                     |     |
| DRAFT                                    |  |   |  |   |                              | DISTRIBUTION OF TIME AND MILES RUN    |                                 |                                 |                              |                                   |  |                     |     |
|  |  | LIGHT   |  | LOADED  |                              |                                       |                                 | AGITATING (MIN)                 |                              | DREDGE & HAUL (MIN)               |  | MILES RUN (NAUT MI) |     |
| FORWARD                                  |  | 8   |  | 26  |                              | EFFECTIVE WORKING TIME:               |                                 |                                 |                              |                                   |  |                     |     |
| AFT                                      |  | 14  |  | 25  |                              | PUMPING:                              |                                 | 00:00                           |                              | 01:23                             |  | 0.0                 |     |
| DRAG DEPTH                               |  | MAX 0   |  | MIN 0   |                              | TURNING:                              |                                 | 00:00                           |                              | 00:18                             |  | 0.0                 |     |
| INDICATORS LAST CHECKED ON               |  | 05/17/2013  |  |   |                              | TO DUMP:                              |                                 | 00:00                           |                              | 11:45                             |  | 0.0                 |     |
| AVERAGE SPEED OF DREDGE DURING LOADING   |  | FT/MIN  |  | 0   |                              | CONNECTING:                           |                                 | 00:00                           |                              | 00:00                             |  | 0.0                 |     |
| AVERAGE SPEED OF DREDGE DURING AGITATING |  | FT/MIN  |  | 0   |                              | DUMPING:                              |                                 | 00:00                           |                              | 00:12                             |  | 0.0                 |     |
| GALLONS OF FUEL OIL CONSUMED             |  | GAL   |  | 5,557   |                              | DISCONNECTING:                        |                                 | 00:00                           |                              | 00:00                             |  | 0.0                 |     |
| GALLONS OF WATER CONSUMED                |  | GAL   |  | 1,092   |                              | TO CUT:                               |                                 | 00:00                           |                              | 10:22                             |  | 0.0                 |     |
|  |  |   |  |   |                              | TOTALS:                               |                                 | 00:00                           |                              | 24:00                             |  | 0.0                 |     |
| NON-EFFECTIVE WORKING TIME:              |  |   |  |   |                              |                                       |                                 |                                 |                              |                                   |  |                     |     |
| WORK PERFORMED                           |  |   |  |   |                              | TAKING ON FUEL AND SUPPLIES           |                                 | 00:00                           |                              | 00:00                             |  | 0.0                 |     |
| DREDGING AND HAULING                     |  |   |  | AGITATING                                       |                              | TO AND FROM WHARF OR ANCHORAGE:       |                                 | 00:00                           |                              | 00:00                             |  | 0.0                 |     |
| NO.OF LOADS                              |  | TOTAL CYS   |  | DISPOSAL AREA                                   |                              | TOTAL CYS                             |                                 | LOSS DUE TO NATURAL ELEMENTS:   |                              | 00:00                             |  | 00:00               | 0.0 |
|  |  |   |  |   |                              |                                       |                                 | LOSS DUE TO TRAFFIC AND BRIDGES |                              | 00:00                             |  | 00:00               | 0.0 |
|  |  |   |  |   |                              |                                       |                                 | MINOR OPERATING REPAIRS         |                              | 00:00                             |  | 00:00               | 0.0 |
|  |  |   |  |   |                              |                                       |                                 | TRANSFERRING BETWEEN WORKS      |                              | 00:00                             |  | 00:00               | 0.0 |
| ATTENDANT PLANT                          |  |   |  |   |                              | LAY TIME:                             |                                 | 00:00                           |                              | 00:00                             |  | 0.0                 |     |
| ITEM                                     |  | NAME OR NUMBER  |  | H.P.  |                              | HOURS                                 |                                 | FIRE AND BOAT DRILLS:           |                              | 00:00                             |  | 00:00               | 0.0 |
| Crew / Survey Boat                       |  | M/V Speedy M  |  | 600   |                              | 24:00                                 |                                 | MISCELLANEOUS                   |                              | 00:00                             |  | 00:00               | 0.0 |
|  |  |   |  |   |                              |                                       |                                 | TOTALS                          |                              | 00:00                             |  | 00:00               | 0.0 |
| LOST TIME:                               |  |   |  |   |                              |                                       |                                 |                                 |                              |                                   |  |                     |     |
|  |  |   |  |   |                              |                                       |                                 | MAJOR REPAIRS AND ALTERNATIONS  |                              | 00:00                             |  | 00:00               | 0.0 |
|  |  |   |  |   |                              |                                       |                                 | CESSATION:                      |                              | 00:00                             |  | 00:00               | 0.0 |
|  |  |   |  |   |                              |                                       |                                 | COLLISIONS:                     |                              | 00:00                             |  | 00:00               | 0.0 |
|  |  |   |  |   |                              |                                       |                                 | TOTALS:                         |                              | 00:00                             |  | 00:00               | 0.0 |
|  |  |   |  |   |                              |                                       |                                 | TOTAL TIME/MILES:               |                              | 00:00                             |  | 24:00               | 0.0 |

|  |   |  |                                  |
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| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 66 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>50          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>06/04/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

The Glenn Edwards continued dredging operations in the Upper Sump between STA: 9+30 and 32+76. 3 loads were removed, with load #96 and #98 being overflow loads as directed by USACE during nighttime operations. We will be heading in for fuel tomorrow morning.

No delays today

Carlos Pettway, QA was onboard today.

No incidents involving endangered species occurred.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

| QUALITY CONTROL REPORT-HOPPER DREDGE     |  |   |  |   |                              |                                       |                                 |                                 |                              | PAGE NO.<br>Page 67 of 69         |  |                     |     |     |
|--|--|---|--|---|------------------------------|---------------------------------------|---------------------------------|---------------------------------|------------------------------|-----------------------------------|--|---------------------|-----|-----|
| CONTRACT NO.<br>W91278-13-D-0005 0001    |  | CONTRACT TITLE<br>Rental Hopper Dredge for Mobile Harbor                          |  |   |                              | CONTRACTOR<br>Manson Construction Co. |                                 |                                 |                              | REPORT NO.<br>51                  |  |                     |     |     |
| CHARACTER OF REPORT                      |  | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK |  |   |                              |                                       |                                 | DATE<br>06/05/2013              |                              |                                   |  |                     |     |     |
| DREDGE<br>Glenn Edwards                  |  | HOPPER CAP: 13572 CY  |  |   | AVG VOL OF BIN WATER: 180 CY |                                       |                                 | AVG UNFILLED CAP: 13392 CY      |                              |                                   |  |                     |     |     |
|  |  | NO. OF CREW MEMBERS   |  | DREDGE  |                              | OTHER PLANT                           |                                 | WORK SCHEDULE                   |                              | SHIFTS PER DAY                    |  | DAYS PER WEEK       |     |     |
| LOCATION OF WORK                         |  | LOCATION CHANNEL<br>Mobile Harbor Upper Sump                                      |  | REACH DREDGED; STA TO STA<br>STA: 9+30 to 32+76 |                              |                                       | DISPOSAL AREA USE<br>DA 1 and 2 |                                 | QTY DEPOSITED GROSS(CY)<br>0 |                                   | CUMULATIVE AND QTY DEPOSIT FOR DA(CY)<br>703,017 |                     |     |     |
|  |  | AVG LENGTH OF CUT 2346 FT   |  |   | AVG WIDTH OF CUT 1000 FT     |                                       |                                 | AVG DIST TO DUMP 39 NM          |                              |                                   |  |                     |     |     |
| CHARACTER OF MATERIAL                    |  | DENSITY OF MATERIALS  |  |   |                              | 1.35                                  |                                 | GMS/LITER                       |                              | 1.35                              |  |                     |     |     |
|  |  | DENSITY OF WATER  |  |   |                              | 1.0010                                |                                 | GMS/LITER@                      |                              | 78 °F                             |  |                     |     |     |
| RIVER/TIDE STAGE                         |  | MIN 0.00  |  | TIME 00:00                                      |                              | MAX 0.00                              |                                 | TIME 00:00                      |                              | GAGE LOCATION Alabama State Docks |  |                     |     |     |
|  |  | MIN 0.00  |  | TIME 00:00                                      |                              | MAX 0.00                              |                                 | TIME 00:00                      |                              | GAGE DATUM MLLW                   |  |                     |     |     |
| WEATHER CONDITION                        |  | WEATHER<br>Weather Caused No Delay  |  |   |                              | TEMP<br>72 °F / 91 °F                 |                                 | VISIBILITY<br>8 MI              |                              | WIND<br>10-15 MPH                 |  |                     |     |     |
| DRAFT                                    |  |   |  |   |                              | DISTRIBUTION OF TIME AND MILES RUN    |                                 |                                 |                              |                                   |  |                     |     |     |
|  |  | LIGHT   |  | LOADED  |                              |                                       |                                 | AGITATING (MIN)                 |                              | DREDGE & HAUL (MIN)               |  | MILES RUN (NAUT MI) |     |     |
| FORWARD                                  |  | 8   |  | 26  |                              | EFFECTIVE WORKING TIME:               |                                 |                                 |                              |                                   |  |                     |     |     |
| AFT                                      |  | 14  |  | 25  |                              | PUMPING:                              |                                 | 00:00                           |                              | 00:01                             |  | 0.0                 |     |     |
| DRAG DEPTH                               |  | MAX 0   |  | MIN 0   |                              | TURNING:                              |                                 | 00:00                           |                              | 00:00                             |  | 0.0                 |     |     |
| INDICATORS LAST CHECKED ON               |  | 05/17/2013  |  |   |                              |                                       |                                 |                                 |                              |                                   |  |                     |     |     |
| AVERAGE SPEED OF DREDGE DURING LOADING   |  | FT/MIN  |  | 0   |                              | TO DUMP:                              |                                 | 00:00                           |                              | 01:24                             |  | 0.0                 |     |     |
| AVERAGE SPEED OF DREDGE DURING AGITATING |  | FT/MIN  |  | 0   |                              | CONNECTING:                           |                                 | 00:00                           |                              | 00:00                             |  | 0.0                 |     |     |
| GALLONS OF FUEL OIL CONSUMED             |  | GAL   |  | 4,137   |                              | DUMPING:                              |                                 | 00:00                           |                              | 00:05                             |  | 0.0                 |     |     |
| GALLONS OF WATER CONSUMED                |  | GAL   |  | 468   |                              | DISCONNECTING:                        |                                 | 00:00                           |                              | 00:00                             |  | 0.0                 |     |     |
|  |  |   |  |   |                              | TO CUT:                               |                                 | 00:00                           |                              | 00:00                             |  | 0.0                 |     |     |
|  |  |   |  |   |                              | TOTALS:                               |                                 | 00:00                           |                              | 01:30                             |  | 0.0                 |     |     |
| WORK PERFORMED                           |  |   |  |   |                              | NON-EFFECTIVE WORKING TIME:           |                                 |                                 |                              |                                   |  |                     |     |     |
|  |  |   |  |   |                              | TAKING ON FUEL AND SUPPLIES           |                                 | 00:00                           |                              | 00:00                             |  | 0.0                 |     |     |
|  |  |   |  |   |                              | TO AND FROM WHARF OR ANCHORAGE:       |                                 | 00:00                           |                              | 00:00                             |  | 0.0                 |     |     |
| NO.OF LOADS                              |  | TOTAL CYS   |  | DISPOSAL AREA                                   |                              | TOTAL CYS                             |                                 | LOSS DUE TO NATURAL ELEMENTS:   |                              | 00:00                             |  | 00:00               | 0.0 |     |
|  |  |   |  |   |                              |                                       |                                 | LOSS DUE TO TRAFFIC AND BRIDGES |                              | 00:00                             |  | 00:00               |     | 0.0 |
|  |  |   |  |   |                              |                                       |                                 | MINOR OPERATING REPAIRS         |                              | 00:00                             |  | 00:00               |     | 0.0 |
|  |  |   |  |   |                              |                                       |                                 | TRANSFERRING BETWEEN WORKS      |                              | 00:00                             |  | 00:00               |     | 0.0 |
|  |  |   |  |   |                              |                                       |                                 | LAY TIME:                       |                              | 00:00                             |  | 00:00               |     | 0.0 |
| ITEM                                     |  | NAME OR NUMBER  |  | H.P.  |                              | HOURS                                 |                                 | FIRE AND BOAT DRILLS:           |                              | 00:00                             |  | 00:00               |     | 0.0 |
| Crew / Survey Boat                       |  | M/V Speedy M  |  | 600   |                              | 24:00                                 |                                 | MISCELLANEOUS                   |                              | 00:00                             |  | 22:30               |     | 0.0 |
|  |  |   |  |   |                              |                                       |                                 | TOTALS                          |                              | 00:00                             |  | 22:30               |     | 0.0 |
|  |  |   |  |   |                              |                                       |                                 | LOST TIME:                      |                              |                                   |  |                     |     |     |
|  |  |   |  |   |                              |                                       |                                 | MAJOR REPAIRS AND ALTERNATIONS  |                              | 00:00                             |  | 00:00               |     | 0.0 |
|  |  |   |  |   |                              |                                       |                                 | CESSATION:                      |                              | 00:00                             |  | 00:00               |     | 0.0 |
|  |  |   |  |   |                              |                                       |                                 | COLLISIONS:                     |                              | 00:00                             |  | 00:00               |     | 0.0 |
|  |  |   |  |   |                              |                                       |                                 | TOTALS:                         |                              | 00:00                             |  | 00:00               |     | 0.0 |
|  |  |   |  |   |                              |                                       |                                 | TOTAL TIME/MILES:               |                              | 00:00                             |  | 24:00               |     | 0.0 |

|  |   |  |                                  |
|--|---|--|----------------------------------|
| <b>QUALITY CONTROL REPORT-HOPPER DREDGE</b>  |   |  | <b>PAGE NO.</b><br>Page 68 of 69 |
| <b>CONTRACT NO.</b><br>W91278-13-D-0005 0001 | <b>CONTRACT TITLE</b><br>Rental Hopper Dredge for Mobile Harbor | <b>CONTRACTOR</b><br>Manson Construction Co. | <b>REPORT NO.</b><br>51          |
| <b>DREDGE</b>                                | <b>NAME AND TYPE</b><br>Glenn Edwards                           | <b>DATE</b><br>06/05/2013                    |                                  |

**QC NARRATIVE(S)**

**GENERAL COMMENTS**

The Glenn Edwards continued dredging operations in the Upper Sump between STA: 9+30 and 32+76. 1 load was dumped, with load #98 being overflow loads as directed by USACE during nighttime operations. Fuel/oil/water and supplies were taken on today at Midstream in Theodore

**DELAYS:**

Misc: Suspended contract while the Glenn moves to SWP to help out the New Orleans District

No incidents involving endangered species occurred.

|                                      |   |                                  |             |
|--------------------------------------|---|----------------------------------|-------------|
| <b>CONTRACTOR CERTIFICATION</b>      | On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above. |                                  |             |
| <b>QC REPRESENTATIVE'S SIGNATURE</b> | <b>DATE</b>   | <b>SUPERINTENDENT'S INITIALS</b> | <b>DATE</b> |

QUALITY CONTROL REPORT-HOPPER DREDGE

CONTRACT NO.  
W91278-13-D-0005 0001

CONTRACT TITLE  
Rental Hopper Dredge for Mobile Harbor

CONTRACTOR  
Manson Construction Co.

REPORT NO. 51