

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | |
|--|--------------|--|------------------|----------------------|----------------------|---|--------------------------|---------------|---|------------------------------------|------|
| | | | | | | | | | | Page 1 of 89 | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 1 | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | 01/27/2020 | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | |
| | | Missouri H | | | | 2 | | 7 | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | |
| | | 8000 | 0 | 4000 | 0 | 0 | 25 | 0 | 4 | 29 | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | |
| | | 159+85 to 162+40 | | | Gailyard Island | | 18,700 | | 18,700 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | |
| | | 0 % | 20 % | 0 % | 20 % | 60 % | 0 % | 0 % | 0 % | 0 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | AFTER DREDGING | | | | |
| | | | | | 37.50 | | 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 0.30 | TIME | 13:00 | MAX | 2.30 | TIME | 00:00 | GAGE LOCATION | |
| | | | | 0 | 00:00 | 0 | 00:00 | | | Electronic Gage (Dog River Bridge) | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | |
| | | Weather Caused No Delay | | | 44 °F / 58 °F | | 5 MI | | North @ 5 to 10 MPH | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. |
| AVERAGE WIDTH OF CUT | | FT | | 420 | | PUMPING OR DREDGING | | | | 9 | 10 |
| TOTAL ADVANCE THIS PERIOD | | FT | | 255 | | PCT OF EFFECTIVE TIME | | | | 38% | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 0 | | BOOSTER (IN LINE) | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 255 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 0 | 0 |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 10 |
| FLOATING PIPE 1,080 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 1,000 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 3,080 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | | 18,700 | | 17,000 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 |
| AMOUNT PREVIOUSLY REPORTED | | 0 | | 0 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 |
| TOTAL AMOUNT DREDGED TO DATE | | 18,700 | | 17,000 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 2,040.00 | | 1,854.55 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 |
| COMMODITY | | CONSUMED | | CREDITED | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| ITEM | UNIT | QUANTITY | | QUANTITY | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 |
| FUEL | BBL | 1,618 | | 0 | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 |
| ELECTRICITY | KW | 0 | | 0 | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 |
| LUBRICANTS | GAL | 54 | | 0 | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 |
| MOB DATE | DREDGE START | | DEMOB DATE | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| 01/27/2020 | 01/27/2020 | | | | FIRE DRILL | | | | 0 | 0 | |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 0 |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 0 | 10 |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 1% | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 9 | 20 |

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| | | | | | Page 2 of 89 | | |
| CONTRACT NO. | | CONTRACT TITLE | | CONTRACTOR | | REPORT NO. | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | Mike Hooks, L.L.C | | 1 | |
| DREDGE | | Missouri H | | | | DATE | |
| | | | | | | 01/27/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | | HR | MIN |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | | 0 | 0 |
| Diesel | Ashley | 250 | 24:00 | CESSATION | | 0 | 0 |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | | 0 | 0 |
| | | | | MISCELLANEOUS | | 14 | 40 |
| | | | | TOTAL LOST TIME | | 14 | 40 |
| | | | | PERCENTAGE OF TOTAL TIME | | 61% | |
| | | | | TOTAL TIME IN PERIOD | | 24 | 0 |

QC NARRATIVE(S)

GENERAL COMMENTS

Dredging operation started at 14:40 hours

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |
| | | | | | |

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| | | | | | | | | | | Page 3 of 89 | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 2 | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | | |
| | | | | | | | | 01/28/2020 | | | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | |
| | | Missouri H | | | | 2 | | 7 | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | |
| | | 8000 | 0 | 4000 | 0 | 0 | 25 | 0 | 4 | 29 | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | |
| | | 162+40 to 167+45 | | | Gaillard Island | | 37,033 | | 55,733 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | |
| | | 0 % | 40 % | 0 % | 40 % | 20 % | 0 % | 0 % | 0 % | 0 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | AFTER DREDGING | | | | |
| | | | | | 37.50 | | 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 0.60 | TIME | 10:00 | MAX | 2.40 | TIME | 01:00 | GAGE LOCATION | |
| | | | | 0 | 00:00 | 0 | 00:00 | | | Electronic Gage (Dog River Bridge) | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | |
| | | Weather Caused No Delay | | | 40 °F / 64 °F | | 5 MI | | Variable @ 5 MPH | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. |
| AVERAGE WIDTH OF CUT | | FT | | 420 | | PUMPING OR DREDGING | | | | 21 | 20 |
| TOTAL ADVANCE THIS PERIOD | | FT | | 505 | | PCT OF EFFECTIVE TIME | | | | 89% | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 255 | | BOOSTER (IN LINE) | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 760 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 0 | 0 |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 25 |
| FLOATING PIPE 1,080 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 1,000 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 3,080 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | | 37,033 | | 33,667 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 |
| AMOUNT PREVIOUSLY REPORTED | | 18,700 | | 17,000 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 |
| TOTAL AMOUNT DREDGED TO DATE | | 55,733 | | 50,667 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,735.92 | | 1,578.14 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 |
| COMMODITY | | CONSUMED | | CREDITED | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| ITEM | UNIT | QUANTITY | | QUANTITY | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 |
| FUEL | BBL | 4,332 | | 0 | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 |
| ELECTRICITY | KW | 0 | | 0 | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 |
| LUBRICANTS | GAL | 10 | | 0 | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 |
| MOB DATE | DREDGE START | | DEMOB DATE | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| 01/27/2020 | 01/27/2020 | | | | FIRE DRILL | | | | 0 | 0 | |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 1 | 40 |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 2 | 5 |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 9% | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 23 | 25 |

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| CONTRACT NO. | | CONTRACT TITLE | | CONTRACTOR | | REPORT NO. | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | Mike Hooks, L.L.C | | 2 | |
| DREDGE | | | | | | DATE | |
| Missouri H | | | | | | 01/28/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | | HR | MIN |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | | 0 | 0 |
| Diesel | Ashley | 250 | 24:00 | CESSATION | | 0 | 0 |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | | 0 | 0 |
| | | | | MISCELLANEOUS | | 0 | 35 |
| | | | | TOTAL LOST TIME | | 0 | 35 |
| | | | | PERCENTAGE OF TOTAL TIME | | 2% | |
| | | | | TOTAL TIME IN PERIOD | | 24 | 0 |

QC NARRATIVE(S)

GENERAL COMMENTS

MISC: (0%) Fix Port spud cable. (0:35)

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |
| | | | | | |

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| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 3 | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | 01/29/2020 | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | |
| | | Missouri H | | | | 2 | | 7 | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | |
| | | 8000 | 0 | 4000 | 0 | 0 | 23 | 0 | 4 | 27 | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | |
| | | 167+45 to 172+75 | | | Gaillard Island | | 38,867 | | 94,600 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | |
| | | 0 % | 40 % | 0 % | 40 % | 20 % | 0 % | 0 % | 0 % | 0 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | AFTER DREDGING | | | | |
| | | | | | 37.50 | | 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 1.10 | TIME | 09:00 | MAX | 2.10 | TIME | 02:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | |
| | | Weather Caused No Delay | | | 48 °F / 56 °F | | 2 MI | | NE @ 10 to 15 MPH | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. |
| AVERAGE WIDTH OF CUT | | FT | | 420 | | PUMPING OR DREDGING | | | | 19 | 35 |
| TOTAL ADVANCE THIS PERIOD | | FT | | 530 | | PCT OF EFFECTIVE TIME | | | | 82% | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 760 | | BOOSTER (IN LINE) | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 1,290 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 1 | 35 |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 40 |
| FLOATING PIPE 1,480 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 1,000 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 3,480 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | | 38,867 | | 35,333 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 |
| AMOUNT PREVIOUSLY REPORTED | | 55,733 | | 50,667 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 |
| TOTAL AMOUNT DREDGED TO DATE | | 94,600 | | 86,000 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,984.70 | | 1,804.24 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 |
| COMMODITY | | CONSUMED | | CREDITED | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| ITEM | UNIT | QUANTITY | | QUANTITY | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 |
| FUEL | BBL | 5,412 | | 0 | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 |
| ELECTRICITY | KW | 0 | | 0 | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 |
| LUBRICANTS | GAL | 10 | | 0 | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 |
| MOB DATE | DREDGE START | | DEMOB DATE | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| 01/27/2020 | 01/27/2020 | | | | FIRE DRILL | | | | 0 | 0 | |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 1 | 25 |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 3 | 40 |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 15% | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 23 | 15 |

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| CONTRACT NO. | | CONTRACT TITLE | | CONTRACTOR | | REPORT NO. | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | Mike Hooks, L.L.C | | 3 | |
| DREDGE | | | | | | DATE | |
| Missouri H | | | | | | 01/29/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | | HR | MIN |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | | 0 | 0 |
| Diesel | Ashley | 250 | 24:00 | CESSATION | | 0 | 0 |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | | 0 | 0 |
| | | | | MISCELLANEOUS | | 0 | 45 |
| | | | | TOTAL LOST TIME | | 0 | 45 |
| | | | | PERCENTAGE OF TOTAL TIME | | 3% | |
| | | | | TOTAL TIME IN PERIOD | | 24 | 0 |

QC NARRATIVE(S)

GENERAL COMMENTS

MISC: (0%) Replace bad pontoon. (0:45)

| | | | | | |
|--------------------------------------|--|---|----------------------------------|--|-------------|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | | DATE |
| | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | |
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| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 4 | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | 01/30/2020 | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | |
| | | Missouri H | | | | 2 | | 7 | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | |
| | | 8000 | 0 | 4000 | 0 | 0 | 23 | 0 | 4 | 27 | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | |
| | | 172+75 to 178+90 | | | Gaillard Island | | 45,100 | | 139,700 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | |
| | | 0 % | 40 % | 0 % | 40 % | 20 % | 0 % | 0 % | 0 % | 0 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | AFTER DREDGING | | | | |
| | | | | | 37.50 | | 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 0.90 | TIME | 10:00 | MAX | 1.50 | TIME | 01:00 | GAGE LOCATION | |
| | | | | 0 | 00:00 | 0 | 00:00 | | | Electronic Gage (Dog River Bridge) | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | |
| | | Weather Caused No Delay | | | 53 °F / 56 °F | | 3 MI | | NE @ 5 to 10 MPH | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. |
| AVERAGE WIDTH OF CUT | | FT | | 420 | | PUMPING OR DREDGING | | | | 21 | 5 |
| TOTAL ADVANCE THIS PERIOD | | FT | | 615 | | PCT OF EFFECTIVE TIME | | | | 88% | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 1,290 | | BOOSTER (IN LINE) | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 1,905 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 1 | 0 |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 45 |
| FLOATING PIPE 2,320 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 1,000 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 4,320 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 20 |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | | 45,100 | | 41,000 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 |
| AMOUNT PREVIOUSLY REPORTED | | 94,600 | | 86,000 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 |
| TOTAL AMOUNT DREDGED TO DATE | | 139,700 | | 127,000 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 2,139.13 | | 1,944.66 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 |
| COMMODITY | | CONSUMED | | CREDITED | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| ITEM | | UNIT | | QUANTITY | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 |
| FUEL | | BBL | | 3,716 | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 |
| ELECTRICITY | | KW | | 0 | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 |
| LUBRICANTS | | GAL | | 30 | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 |
| MOB DATE | | DREDGE START | | DEMOB DATE | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 |
| 01/27/2020 | | 01/27/2020 | | | | FIRE DRILL | | | | 0 | 0 |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 50 |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 2 | 55 |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 12% | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 8 of 89 | | |
|---|----------------|---|-------|--|--------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 4 | |
| DREDGE Missouri H | | | | | | DATE 01/30/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island).

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | |
|--|------|--|------------------|----------------------|--------------------|---|--------------------------|---------------|---|--|------|
| | | | | | | | | | | Page 9 of 89 | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 5 | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | | |
| | | | | | | | | 01/31/2020 | | | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | |
| | | Missouri H | | | | 2 | | 7 | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | |
| | | 8000 | 0 | 4000 | 0 | 0 | 23 | 0 | 4 | 27 | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | |
| | | 178+90 to 185+40 | | | Gaillard Island | | 47,667 | | 187,367 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | |
| | | 0 % | 40 % | 0 % | 40 % | 20 % | 0 % | 0 % | 0 % | 0 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | AFTER DREDGING | | | | |
| | | | | | 37.50 | | 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 0.90 | TIME | 00:00 | MAX | 1.40 | TIME | 01:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | |
| | | Weather Caused No Delay | | | 48 °F / 58 °F | | 4 MI | | ENE @ 10 MPH | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. |
| AVERAGE WIDTH OF CUT | | FT | | 420 | | PUMPING OR DREDGING | | | | 21 | 45 |
| TOTAL ADVANCE THIS PERIOD | | FT | | 650 | | PCT OF EFFECTIVE TIME | | | | 91% | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 1,905 | | BOOSTER (IN LINE) | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 2,555 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 0 | 40 |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 50 |
| FLOATING PIPE 2,720 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 1,000 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 4,720 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | | 47,667 | | 43,333 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 |
| AMOUNT PREVIOUSLY REPORTED | | 139,700 | | 127,000 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 |
| TOTAL AMOUNT DREDGED TO DATE | | 187,367 | | 170,333 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 2,191.59 | | 1,992.32 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 |
| | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 |
| | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| | | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 |
| | | | | | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 |
| | | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 |
| COMMODITY | | CONSUMED | | CREDITED | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 |
| ITEM | UNIT | QUANTITY | | QUANTITY | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 |
| FUEL | BBL | 2,140 | | 0 | | FIRE DRILL | | | | 0 | 10 |
| ELECTRICITY | KW | 0 | | 0 | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 35 |
| LUBRICANTS | GAL | 25 | | 0 | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| MOB DATE | | DREDGE START | | DEMOB DATE | | TOTAL NON-EFFECTIVE TIME | | | | 2 | 15 |
| 01/27/2020 | | 01/27/2020 | | | | PCT. OF NON-EFFECTIVE | | | | 9% | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 10 of 89 | | |
|---|----------------|---|-------|--|---------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 5 | |
| DREDGE Missouri H | | | | | | DATE 01/31/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island.
Held Monthly Drills

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | |
|--|--|--|------------------|----------------------|--------------------|---|--------------------------|---------------|---|--|------|
| | | | | | | | | | | Page 11 of 89 | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 6 | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | 02/01/2020 | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | |
| | | Missouri H | | | | 2 | | 7 | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | |
| | | 8000 | 0 | 4000 | 0 | 0 | 23 | 0 | 4 | 27 | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | |
| | | 185+40 to 191+40 | | | Gaillard Island | | 44,000 | | 231,367 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | |
| | | 0 % | 40 % | 0 % | 40 % | 20 % | 0 % | 0 % | 0 % | 0 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | AFTER DREDGING | | | | |
| | | | | | 37.50 | | 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 0.60 | TIME | 08:00 | MAX | 1 | TIME | 19:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | |
| | | Weather Caused No Delay | | | 40 °F / 56 °F | | 4 MI | | NW @ 10 MPH | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. |
| AVERAGE WIDTH OF CUT | | FT | | 420 | | PUMPING OR DREDGING | | | | 21 | 45 |
| TOTAL ADVANCE THIS PERIOD | | FT | | 600 | | PCT OF EFFECTIVE TIME | | | | 91% | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 2,555 | | BOOSTER (IN LINE) | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 3,155 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 0 | 55 |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 35 |
| FLOATING PIPE 3,620 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 1,000 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 5,620 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | | 44,000 | | 40,000 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 |
| AMOUNT PREVIOUSLY REPORTED | | 187,367 | | 170,333 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 |
| TOTAL AMOUNT DREDGED TO DATE | | 231,367 | | 210,333 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 2,022.99 | | 1,839.08 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 |
| | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 |
| | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| | | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 |
| | | | | | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 |
| | | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 |
| | | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 |
| | | | | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 |
| | | | | | | FIRE DRILL | | | | 0 | 0 |
| FUEL | | BBL | | 6,422 | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 45 |
| ELECTRICITY | | KW | | 0 | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| LUBRICANTS | | GAL | | 25 | | TOTAL NON-EFFECTIVE TIME | | | | 2 | 15 |
| MOB DATE | | DREDGE START | | DEMOB DATE | | PCT. OF NON-EFFECTIVE | | | | 9% | |
| 01/27/2020 | | 01/27/2020 | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. | | |
|--|----------------|---------------------------------------|-------|--|---------------|------------|-----|
| | | | | | Page 12 of 89 | | |
| CONTRACT NO. | | CONTRACT TITLE | | CONTRACTOR | | REPORT NO. | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | Mike Hooks, L.L.C | | 6 | |
| DREDGE | | Missouri H | | | | DATE | |
| | | | | | | 02/01/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | | HR | MIN |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | | 0 | 0 |
| Diesel | Ashley | 250 | 24:00 | CESSATION | | 0 | 0 |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | | 0 | 0 |
| | | | | MISCELLANEOUS | | 0 | 0 |
| | | | | TOTAL LOST TIME | | 0 | 0 |
| | | | | PERCENTAGE OF TOTAL TIME | | 0% | |
| | | | | TOTAL TIME IN PERIOD | | 24 | 0 |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). Clear water flowing out of weir.

| | | | | | | | |
|--------------------------------------|--|---|--|----------------------------------|--|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | | SUPERINTENDENT'S INITIALS | | DATE | |
| | | | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | | | | | | | | | | | | | | | | | | | | | |
|---|--|---------------|------------------|--------------|---|-------------|------------------|-------------------------|------------------|--|--------|----------------|-------|------------------------------|------------------------------------|--------------|-------|---|--|---------------------------------|--|---|--|--|--|--|--|--|--|-----------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | | | | | | | | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | | | | | | | | CONTRACTOR Mike Hooks, L.L.C | | | | | | | | | | REPORT NO. 7 | |
| CHARACTER OF REPORT | | | | | | | | | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | | | | | DATE 02/02/2020 | | | | | | | | | | | |
| DREDGE | | | | | | | | | | NAME AND TYPE Missouri H | | | | | SHIFTS PER DAY 2 | | | DAYS PER WEEK 7 | | | | | | | | | | | | | |
| PIPELINE | | | DIPPER OR BUCKET | | DREDGE PUMP | | SUCTION PIPE JET | | CUTTER OR BUCKET | | DREDGE | | SHORE | | OTHER | | TOTAL | | | | | | | | | | | | | | |
| 8000 | | | 0 | | 4000 | | 0 | | 0 | | 24 | | 0 | | 4 | | 28 | | | | | | | | | | | | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCATION OF WORK | | | | | REACH DREDGED; STATION TO STATION 191+40 to 196+60 | | | | | DISPOSAL AREA USED Gaillard Island | | | | | QTY DEPOSITED GROSS (CY) 38,133 | | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 269,500 | | | | | | | | | | | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | | SAND 40 % | | CLAY 0 % | | MUD 40 % | | SILT 20 % | | HARDPAN 0 % | | STONE 0 % | | SHELL 0 % | | OTHER 0 % | | | | | | | | | | | | | |
| CHANNEL CONDITION | | | | | AVERAGE DEPTH | | | | | BEFORE DREDGING 37.50 | | | | | AFTER DREDGING 42 | | | | | | | | | | | | | | | | |
| RIVER/TIDE STAGE | | MIN | | 0.20 | | TIME | | 05:00 | | MAX | | 1.40 | | TIME | | 19:00 | | GAGE LOCATION Electronis Gage (Dog River Bridge) | | | | | | | | | | | | | |
| | | MIN | | 0 | | TIME | | 00:00 | | MAX | | 0 | | TIME | | 00:00 | | GAGE DATUM MLLW | | | | | | | | | | | | | |
| WEATHER CONDITION | | | | | WEATHER Weather Caused No Delay | | | | | TEMP (min/max) 46 °F / 66 °F | | | | | VISIBILITY 5 MI | | | WIND SW @ 5 to 15 MPH | | | | | | | | | | | | | |
| WORK PERFORMED | | | | | | | | | | DISTRIBUTION OF WORK | | | | | | | | | | | | | | | | | | | | | |
| ITEM | | UNIT | | QUANTITY | | | | | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | | | HR. | | MIN. | | | | | | | | | | | | | |
| AVERAGE WIDTH OF CUT | | FT | | 420 | | | | | | PUMPING OR DREDGING | | | | | | 19 | | 55 | | | | | | | | | | | | | |
| TOTAL ADVANCE THIS PERIOD | | FT | | 520 | | | | | | PCT OF EFFECTIVE TIME | | | | | | 83% | | | | | | | | | | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 3,155 | | | | | | BOOSTER (IN LINE) | | | | | | | | | | | | | | | | | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 3,675 | | | | | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | | | | | | | | | | | | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | | | | | HANDLING PIPE LINES | | | | | | 2 | | 20 | | | | | | | | | | | | | |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | | | | | HANDLING ANCHOR LINES | | | | | | 0 | | 30 | | | | | | | | | | | | | |
| FLOATING PIPE | | 3,160 | | SHORE PIPE | | 1,000 | | SUBMERGED PIPE 3,250 | | | | | | CLEARING PUMP AND PUMP LINES | | | | | | 0 | | 0 | | | | | | | | | |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 7,410 | | | | | | CLEARING CUTTER AND SUCTION HEAD | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | | | | | WAITING FOR SCOWS | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| AMOUNT DREDGE THIS DATE | | 38,133 | | 34,667 | | | | | | TO AND FROM WHARF OR ANCHORAGE | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| AMOUNT PREVIOUSLY REPORTED | | 231,367 | | 210,333 | | | | | | CHANGING LOCATION OF PLANT ON JOB | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| TOTAL AMOUNT DREDGED TO DATE | | 269,500 | | 245,000 | | | | | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,914.63 | | 1,740.60 | | | | | | SHORE LINE AND SHORE WORK | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| OPERATING SUPPLIES | | | | | | | | | | WAITING FOR BOOSTER | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| COMMODITY | | CONSUMED | | CREDITED | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| ITEM | | UNIT | | QUANTITY | | | | | | WAITING FOR ATTENDANT PLANT | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| FUEL | | BBL | | 4,224 | | | | | | PREPARATION AND MAKING UP TOW | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| ELECTRICITY | | KW | | 0 | | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| LUBRICANTS | | GAL | | 30 | | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| MOB DATE | | DREDGE START | | DEMOB DATE | | | | | | SUNDAYS AND HOLIDAYS | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| 01/27/2020 | | 01/27/2020 | | | | | | | | FIRE DRILL | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| | | | | | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | | | 1 | | 15 | | | | | | | | | | | | | |
| | | | | | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| | | | | | | | | | | TOTAL NON-EFFECTIVE TIME | | | | | | 4 | | 5 | | | | | | | | | | | | | |
| | | | | | | | | | | PCT. OF NON-EFFECTIVE | | | | | | 17% | | | | | | | | | | | | | | | |
| | | | | | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | | | 24 | | 0 | | | | | | | | | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 14 of 89 | | |
|---|----------------|---|-------|--|---------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 7 | |
| DREDGE Missouri H | | | | | | DATE 02/02/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). Clear water flowing out of weir. (no boards were added or taken out).

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | |
|--|--------------|--|------------------|----------------------|----------------------|---|--------------------------|----------------|---|---------------|------|
| | | | | | | | | | | Page 15 of 89 | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 8 | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | | |
| | | | | | | | | 02/03/2020 | | | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | |
| | | Missouri H | | | | 2 | | 7 | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | |
| | | 8000 | 0 | 4000 | 0 | 0 | 0 | 0 | 0 | 0 | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | |
| | | | | | | | 47,667 | | 317,167 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | |
| | | 0 % | 0 % | 0 % | 0 % | 0 % | 0 % | 0 % | 0 % | 100 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | | AFTER DREDGING | | | |
| | | | | | 0 | | | 0 | | | |
| RIVER/TIDE STAGE | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE LOCATION | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | |
| | | Weather Caused No Delay | | | 44 °F / 70 °F | | 5 MI | | S @ 10 MPH | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. |
| AVERAGE WIDTH OF CUT | | FT | | 420 | | PUMPING OR DREDGING | | | | 20 | 55 |
| TOTAL ADVANCE THIS PERIOD | | FT | | 650 | | PCT OF EFFECTIVE TIME | | | | 87% | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 3,675 | | BOOSTER (IN LINE) | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 4,325 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 0 | 40 |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 40 |
| FLOATING PIPE 2,560 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 3,250 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 6,810 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | | 47,667 | | 43,333 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 |
| AMOUNT PREVIOUSLY REPORTED | | 269,500 | | 245,000 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 |
| TOTAL AMOUNT DREDGED TO DATE | | 317,167 | | 288,333 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 2,278.90 | | 2,071.70 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 |
| COMMODITY | | CONSUMED | | CREDITED | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| ITEM | UNIT | QUANTITY | | QUANTITY | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 |
| FUEL | BBL | 3,604 | | 0 | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 |
| ELECTRICITY | KW | 0 | | 0 | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 |
| LUBRICANTS | GAL | 30 | | 0 | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 |
| MOB DATE | DREDGE START | | DEMOB DATE | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| 01/27/2020 | 01/27/2020 | | | | FIRE DRILL | | | | 0 | 0 | |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 1 | 45 |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 3 | 5 |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 13% | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 16 of 89 | | |
|---|----------------|---|-------|--|---------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 8 | |
| DREDGE Missouri H | | | | | | DATE 02/03/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). Clear water flowing out of weir. (no boards were added or taken out).

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 17 of 89 | | |
|---|----------|--|--------------|-------------------------|---------------------------------------|--|------------------------------------|--------------------|--|---|------|---|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 9 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | DATE 02/04/2020 | | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | SHIFTS PER DAY 2 | | | DAYS PER WEEK 7 | | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | | |
| PIPELINE | | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | | |
| 8000 | | 0 | 4000 | 0 | 0 | 27 | 0 | 4 | 31 | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 203+10 to 209+00 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 43,267 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 360,434 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 40 % | CLAY 0 % | MUD 40 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 37.50 | | AFTER DREDGING 42 | | | | | |
| RIVER/TIDE STAGE | | MIN | 0.10 | TIME | 05:00 | MAX | 2.30 | TIME | 18:00 | GAGE LOCATION Electronis Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | |
| WEATHER CONDITION | | WEATHER Weather Caused No Delay | | | TEMP (min/max) 58 °F / 68 °F | | VISIBILITY 10 MI | | WIND 10 S MPH | | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | | |
| ITEM | UNIT | | QUANTITY | | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | FT | | 420 | | | PUMPING OR DREDGING | | | | 20 | 15 | |
| TOTAL ADVANCE THIS PERIOD | FT | | 590 | | | PCT OF EFFECTIVE TIME 84% | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | FT | | 4,325 | | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | FT | | 4,915 | | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | NUMBER | | 0 | | | HANDLING PIPE LINES | | | | 1 | 45 | |
| AVERAGE LOAD PER SCOW | CY | | 0 | | | HANDLING ANCHOR LINES | | | | 0 | 40 | |
| FLOATING PIPE | 840 | SHORE PIPE | 1,000 | SUBMERGED PIPE 5,250 | | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | FT | | 7,090 | | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 | |
| CUBIC YARDS REMOVED | GROSS | | CREDITED | | | WAITING FOR SCOWS | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | 43,267 | | 39,333 | | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | 317,167 | | 288,333 | | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | 360,434 | | 327,666 | | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | 2,136.64 | | 1,942.37 | | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | |
| | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| COMMODITY | | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | |
| | | | | | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | |
| CONSUMED | | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | |
| | | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | |
| CREDITED | | | | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| | | | | | | FIRE DRILL | | | | 0 | 0 | |
| ITEM | UNIT | QUANTITY | | QUANTITY | | MOVING OUT OF WAY OF TRAFFIC | | | | 1 | 20 | |
| FUEL | BBL | 5,020 | | 0 | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| ELECTRICITY | KW | 0 | | 0 | | TOTAL NON-EFFECTIVE TIME | | | | 3 | 45 | |
| LUBRICANTS | GAL | 0 | | 0 | | PCT. OF NON-EFFECTIVE 16% | | | | | | |
| MOB DATE 01/27/2020 | | DREDGE START 01/27/2020 | | DEMOB DATE | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 18 of 89 | | |
|---|----------------|---|-------|--|---------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 9 | |
| DREDGE Missouri H | | | | | | DATE 02/04/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). Clear water flowing out of weir. (no boards were added or taken out of the Weir).

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | |
|--|--------------|--|------------------|----------------------|----------------------|---|--------------------------|---------------|---|--|------|
| | | | | | | | | | | Page 19 of 89 | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 10 | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | 02/05/2020 | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | |
| | | Missouri H | | | | 2 | | 7 | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | |
| | | 8000 | 0 | 4000 | 0 | 0 | 28 | 0 | 4 | 32 | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | |
| | | 209+00 to 215+00 | | | Gaillard Island | | 44,000 | | 404,434 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | |
| | | 0 % | 40 % | 0 % | 40 % | 20 % | 0 % | 0 % | 0 % | 0 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | AFTER DREDGING | | | | |
| | | | | | 37.50 | | 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 0.20 | TIME | 08:00 | MAX | 2.90 | TIME | 20:00 | GAGE LOCATION Electronis Gage (Dog River Bridge) | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | |
| | | Weather Caused No Delay | | | 58 °F / 68 °F | | 10 MI | | 15 S MPH | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. |
| AVERAGE WIDTH OF CUT | | FT | | 400 | | PUMPING OR DREDGING | | | | 19 | 55 |
| TOTAL ADVANCE THIS PERIOD | | FT | | 600 | | PCT OF EFFECTIVE TIME | | | | 83% | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 4,915 | | BOOSTER (IN LINE) | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 5,515 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 0 | 50 |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 45 |
| FLOATING PIPE 1,240 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 5,250 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 7,490 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 30 |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | | 44,000 | | 40,000 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 |
| AMOUNT PREVIOUSLY REPORTED | | 360,434 | | 327,666 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 |
| TOTAL AMOUNT DREDGED TO DATE | | 404,434 | | 367,666 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 2,209.21 | | 2,008.37 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 |
| COMMODITY | | CONSUMED | | CREDITED | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| ITEM | UNIT | QUANTITY | | QUANTITY | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 |
| FUEL | BBL | 4,048 | | 0 | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 |
| ELECTRICITY | KW | 0 | | 0 | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 |
| LUBRICANTS | GAL | 0 | | 0 | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 |
| MOB DATE | DREDGE START | | DEMOB DATE | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| 01/27/2020 | 01/27/2020 | | | | FIRE DRILL | | | | 0 | 0 | |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 40 |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 10 |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 2 | 55 |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 12% | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 22 | 50 |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 20 of 89 | |
|---|----------------|---|-------|--|---------------------------|--------------------|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 10 |
| DREDGE Missouri H | | | | | | DATE 02/05/2020 |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 |
| | | | | MISCELLANEOUS | 1 | 10 |
| | | | | TOTAL LOST TIME | 1 | 10 |
| | | | | PERCENTAGE OF TOTAL TIME | 5% | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). Clear water flowing out of weir. (no boards were added or taken out of the Weir).
MISC: 0% 1:10 Add cutter shaft bolts, and change pontoon gasket (3x)

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 21 of 89 | | |
|---|--------------|--|--------------|-------------------------|---------------------------------------|--|------------------------------------|--------------------|--|---|------|---|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 11 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE 02/06/2020 | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | | SHIFTS PER DAY 2 | | DAYS PER WEEK 7 | | | | |
| | | SIZE | | HORSEPOWER | | NO. OF CREW MEMBERS | | | | | | |
| PIPELINE | | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | | |
| 8000 | | 0 | 4000 | 0 | 0 | 28 | 0 | 4 | 32 | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 215+00 to 218+55 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 26,033 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 430,467 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 40 % | CLAY 0 % | MUD 40 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 37.50 | | AFTER DREDGING 42 | | | | | |
| RIVER/TIDE STAGE | | MIN | 1.20 | TIME | 08:00 | MAX | 2.30 | TIME | 20:00 | GAGE LOCATION Electronis Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | |
| WEATHER CONDITION | | WEATHER Weather Caused Non-Critical Delay | | | TEMP (min/max) 40 °F / 63 °F | | VISIBILITY 5 MI | | WIND 15-25 N MPH | | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | | |
| ITEM | UNIT | | QUANTITY | | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | FT | | 420 | | | PUMPING OR DREDGING | | | | 14 | 45 | |
| TOTAL ADVANCE THIS PERIOD | FT | | 355 | | | PCT OF EFFECTIVE TIME 61% | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | FT | | 5,515 | | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | FT | | 5,870 | | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | NUMBER | | 0 | | | HANDLING PIPE LINES | | | | 1 | 5 | |
| AVERAGE LOAD PER SCOW | CY | | 0 | | | HANDLING ANCHOR LINES | | | | 0 | 10 | |
| FLOATING PIPE | 2,240 | SHORE PIPE | 1,000 | SUBMERGED PIPE 5,250 | | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | FT | | 8,490 | | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 | |
| CUBIC YARDS REMOVED | GROSS | | CREDITED | | | WAITING FOR SCOWS | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | 26,033 | | 23,667 | | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | 404,434 | | 367,666 | | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | 430,467 | | 391,333 | | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 6 | 45 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | 1,764.95 | | 1,604.54 | | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | |
| | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| COMMODITY | | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | |
| | | | | | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | |
| ITEM | | UNIT | QUANTITY | | QUANTITY | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | |
| FUEL | BBL | 3,373 | | 0 | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | | |
| ELECTRICITY | KW | 0 | | 0 | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | | |
| LUBRICANTS | GAL | 0 | | 0 | FIRE DRILL | | | | 0 | 0 | | |
| MOB DATE | DREDGE START | | DEMOB DATE | | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 20 | |
| 01/27/2020 | 01/27/2020 | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 15 | |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 8 | 35 | |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 36% | | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 23 | 20 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 22 of 89 | | |
|---|----------------|---|-------|--|---------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 11 | |
| DREDGE Missouri H | | | | | | DATE 02/06/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 40 | |
| | | | | TOTAL LOST TIME | 0 | 40 | |
| | | | | PERCENTAGE OF TOTAL TIME | 3% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). Clear water flowing out of weir. (no boards were added or taken out of the Weir).
MISC: 70% 0:15 work on DQM system

Weather: 70% 06:45 (rough seas and high winds)

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |
| | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 23 of 89 | | |
|---|----------|--|--------------|-------------------------|---------------------------------------|--|------------------------------------|--------------------|--|---|------|---|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 12 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE 02/07/2020 | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | | SHIFTS PER DAY 2 | | DAYS PER WEEK 7 | | | | |
| | | SIZE | | HORSEPOWER | | NO. OF CREW MEMBERS | | | | | | |
| PIPELINE | | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | | |
| 8000 | | 0 | 4000 | 0 | 0 | 28 | 0 | 4 | 32 | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 218+55 to 223+55 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 36,667 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 467,134 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 40 % | CLAY 0 % | MUD 40 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 37.50 | | AFTER DREDGING 42 | | | | | |
| RIVER/TIDE STAGE | | MIN | -0.40 | TIME | 10:00 | MAX | 1.90 | TIME | 00:00 | GAGE LOCATION Electronis Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | |
| WEATHER CONDITION | | WEATHER Weather Caused No Delay | | | TEMP (min/max) 48 °F / 57 °F | | VISIBILITY 5 MI | | WIND 5 MPH | | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | | |
| ITEM | UNIT | | QUANTITY | | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | FT | | 420 | | | PUMPING OR DREDGING | | | | 21 | 40 | |
| TOTAL ADVANCE THIS PERIOD | FT | | 500 | | | PCT OF EFFECTIVE TIME 90% | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | FT | | 5,870 | | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | FT | | 6,370 | | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | NUMBER | | 0 | | | HANDLING PIPE LINES | | | | 1 | 0 | |
| AVERAGE LOAD PER SCOW | CY | | 0 | | | HANDLING ANCHOR LINES | | | | 0 | 50 | |
| FLOATING PIPE | 3,720 | SHORE PIPE | 1,000 | SUBMERGED PIPE 5,250 | | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | FT | | 9,970 | | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 | |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | 36,667 | | 33,333 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | | |
| AMOUNT PREVIOUSLY REPORTED | 430,467 | | 391,333 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | | |
| TOTAL AMOUNT DREDGED TO DATE | 467,134 | | 424,666 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 | | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | 1,692.32 | | 1,538.45 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | | |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | |
| | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| COMMODITY | | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | |
| | | | | | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | |
| CONSUMED | | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | |
| | | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | |
| CREDITED | | | | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| | | | | | | FIRE DRILL | | | | 0 | 0 | |
| ITEM | UNIT | QUANTITY | | QUANTITY | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 15 | |
| FUEL | BBL | 4,244 | | 0 | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| ELECTRICITY | KW | 0 | | 0 | | TOTAL NON-EFFECTIVE TIME | | | | 2 | 5 | |
| LUBRICANTS | GAL | 0 | | 0 | | PCT. OF NON-EFFECTIVE 9% | | | | | | |
| MOB DATE 01/27/2020 | | DREDGE START 01/27/2020 | | DEMOB DATE | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 23 | 45 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. | | |
|--|----------------|---------------------------------------|-------|--|---------------|------------|-----|
| | | | | | Page 24 of 89 | | |
| CONTRACT NO. | | CONTRACT TITLE | | CONTRACTOR | | REPORT NO. | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | Mike Hooks, L.L.C | | 12 | |
| DREDGE | | Missouri H | | | | DATE | |
| | | | | | | 02/07/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | | HR | MIN |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | | 0 | 0 |
| Diesel | Ashley | 250 | 24:00 | CESSATION | | 0 | 0 |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | | 0 | 0 |
| | | | | MISCELLANEOUS | | 0 | 15 |
| | | | | TOTAL LOST TIME | | 0 | 15 |
| | | | | PERCENTAGE OF TOTAL TIME | | 1% | |
| | | | | TOTAL TIME IN PERIOD | | 24 | 0 |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). Added boards to weir box in morning and took them out that evening Clear water flowing out of weir.
 MISC: 0% 0:15 replace pontoon gasket.

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |
| | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | | | | | | | | | | | | | | | | | | | | | |
|---|--|---------------|------------------|--------------|---|-------------|------------------|-------------------------|------------------|--|--------|----------------|-------|------------------------------|------------------------------------|--|-------|---|--|---------------------------------|--|---|--|---|--|--|--|--|--|------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | | | | | | | | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | | | | | | | | CONTRACTOR Mike Hooks, L.L.C | | | | | | | | | | REPORT NO. 13 | |
| CHARACTER OF REPORT | | | | | | | | | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | | | | | DATE 02/08/2020 | | | | | | | | | | | |
| DREDGE | | | | | | | | | | NAME AND TYPE Missouri H | | | | | SHIFTS PER DAY 2 | | | DAYS PER WEEK 7 | | | | | | | | | | | | | |
| PIPELINE | | | DIPPER OR BUCKET | | DREDGE PUMP | | SUCTION PIPE JET | | CUTTER OR BUCKET | | DREDGE | | SHORE | | OTHER | | TOTAL | | | | | | | | | | | | | | |
| 8000 | | | 0 | | 4000 | | 0 | | 0 | | 28 | | 0 | | 4 | | 32 | | | | | | | | | | | | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCATION OF WORK | | | | | REACH DREDGED; STATION TO STATION 223+55 TO 228+00 | | | | | DISPOSAL AREA USED Gaillard Island | | | | | QTY DEPOSITED GROSS (CY) 32,633 | | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 499,767 | | | | | | | | | | | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | | SAND 40 % | | CLAY 0 % | | MUD 40 % | | SILT 20 % | | HARDPAN 0 % | | STONE 0 % | | SHELL 0 % | | OTHER 0 % | | | | | | | | | | | | | |
| CHANNEL CONDITION | | | | | AVERAGE DEPTH | | | | | BEFORE DREDGING 37.50 | | | | | AFTER DREDGING 42 | | | | | | | | | | | | | | | | |
| RIVER/TIDE STAGE | | MIN | | -0.20 | | TIME | | 08:00 | | MAX | | 1.90 | | TIME | | 00:00 | | GAGE LOCATION Electronis Gage (Dog River Bridge) | | | | | | | | | | | | | |
| | | MIN | | 0 | | TIME | | 00:00 | | MAX | | 0 | | TIME | | 00:00 | | GAGE DATUM MLLW | | | | | | | | | | | | | |
| WEATHER CONDITION | | | | | WEATHER Weather Caused No Delay | | | | | TEMP (min/max) 51 °F / 65 °F | | | | | VISIBILITY 5 MI | | | WIND 5 MPH | | | | | | | | | | | | | |
| WORK PERFORMED | | | | | | | | | | DISTRIBUTION OF WORK | | | | | | | | | | | | | | | | | | | | | |
| ITEM | | UNIT | | QUANTITY | | | | | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | | | HR. | | MIN. | | | | | | | | | | | | | |
| AVERAGE WIDTH OF CUT | | FT | | 420 | | | | | | PUMPING OR DREDGING | | | | | | 21 | | 45 | | | | | | | | | | | | | |
| TOTAL ADVANCE THIS PERIOD | | FT | | 445 | | | | | | PCT OF EFFECTIVE TIME | | | | | | 91% | | | | | | | | | | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 6,370 | | | | | | BOOSTER (IN LINE) | | | | | | | | | | | | | | | | | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 6,815 | | | | | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | | | | | | | | | | | | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | | | | | HANDLING PIPE LINES | | | | | | 0 | | 50 | | | | | | | | | | | | | |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | | | | | HANDLING ANCHOR LINES | | | | | | 0 | | 45 | | | | | | | | | | | | | |
| FLOATING PIPE | | 4,720 | | SHORE PIPE | | 1,000 | | SUBMERGED PIPE 5,250 | | | | | | CLEARING PUMP AND PUMP LINES | | | | | | 0 | | 0 | | | | | | | | | |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 10,970 | | | | | | CLEARING CUTTER AND SUCTION HEAD | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | | | | | WAITING FOR SCOWS | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| AMOUNT DREDGE THIS DATE | | 32,633 | | 29,667 | | | | | | TO AND FROM WHARF OR ANCHORAGE | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| AMOUNT PREVIOUSLY REPORTED | | 467,134 | | 424,666 | | | | | | CHANGING LOCATION OF PLANT ON JOB | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| TOTAL AMOUNT DREDGED TO DATE | | 499,767 | | 454,333 | | | | | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,500.37 | | 1,364.00 | | | | | | SHORE LINE AND SHORE WORK | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| OPERATING SUPPLIES | | | | | | | | | | WAITING FOR BOOSTER | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| COMMODITY | | | | | | | | | | CONSUMED | | | | | | CREDITED | | | | | | | | | | | | | | | |
| ITEM | | UNIT | | QUANTITY | | | | | | QUANTITY | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | 0 | | 0 | | | | | | | | | | | |
| FUEL | | BBL | | 4,876 | | | | | | 0 | | | | | | WAITING FOR ATTENDANT PLANT | | | | | | 0 | | 0 | | | | | | | |
| ELECTRICITY | | KW | | 0 | | | | | | 0 | | | | | | PREPARATION AND MAKING UP TOW | | | | | | 0 | | 0 | | | | | | | |
| LUBRICANTS | | GAL | | 0 | | | | | | 0 | | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | | | 0 | | 0 | | | | | | | |
| MOB DATE | | DREDGE START | | DEMOB DATE | | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| 01/27/2020 | | 01/27/2020 | | | | | | | | SUNDAYS AND HOLIDAYS | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| | | | | | | | | | | FIRE DRILL | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| | | | | | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | | | 0 | | 40 | | | | | | | | | | | | | |
| | | | | | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| | | | | | | | | | | TOTAL NON-EFFECTIVE TIME | | | | | | 2 | | 15 | | | | | | | | | | | | | |
| | | | | | | | | | | PCT. OF NON-EFFECTIVE | | | | | | 9% | | | | | | | | | | | | | | | |
| | | | | | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | | | 24 | | 0 | | | | | | | | | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. | | |
|--|----------------|---------------------------------------|-------|--|---------------|------------|-----|
| | | | | | Page 26 of 89 | | |
| CONTRACT NO. | | CONTRACT TITLE | | CONTRACTOR | | REPORT NO. | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | Mike Hooks, L.L.C | | 13 | |
| DREDGE | | Missouri H | | | | DATE | |
| | | | | | | 02/08/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | | HR | MIN |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | | 0 | 0 |
| Diesel | Ashley | 250 | 24:00 | CESSATION | | 0 | 0 |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | | 0 | 0 |
| | | | | MISCELLANEOUS | | 0 | 0 |
| | | | | TOTAL LOST TIME | | 0 | 0 |
| | | | | PERCENTAGE OF TOTAL TIME | | 0% | |
| | | | | TOTAL TIME IN PERIOD | | 24 | 0 |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). Added boards to weir box in morning and took them out that evening Clear water flowing out of weir.

| | | | | | | | |
|--------------------------------------|--|---|--|----------------------------------|--|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | | SUPERINTENDENT'S INITIALS | | DATE | |
| | | | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | | |
|--|--------------|--|------------------|----------------------|----------------------|---|--------------------------|---------------|---|--|------|----|
| | | | | | | | | | | Page 27 of 89 | | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 14 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | 02/09/2020 | | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | | |
| | | Missouri H | | | | 2 | | 7 | | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | |
| | | 8000 | 0 | 4000 | 0 | 0 | 28 | 0 | 4 | 32 | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | | |
| | | 228+00 to 232+70 | | | Gaillard Island | | 34,467 | | 534,234 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | | |
| | | 0 % | 40 % | 0 % | 40 % | 20 % | 0 % | 0 % | 0 % | 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | 37.50 | | AFTER DREDGING | | | 42 |
| RIVER/TIDE STAGE | | MIN | -0.30 | TIME | 10:00 | MAX | 2.20 | TIME | 00:00 | GAGE LOCATION Electronis Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | | |
| | | Weather Caused No Delay | | | 61 °F / 65 °F | | 5 MI | | 5to 10 MPH | | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | | FT | | 420 | | PUMPING OR DREDGING | | | | 19 | 25 | |
| TOTAL ADVANCE THIS PERIOD | | FT | | 470 | | PCT OF EFFECTIVE TIME | | | | 81% | | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 6,815 | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 7,285 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 3 | 20 | |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 25 | |
| FLOATING PIPE 3,840 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 4,250 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 50 | |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 9,090 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 | |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | | 34,467 | | 31,333 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | | 499,767 | | 454,333 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | | 534,234 | | 485,666 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,775.12 | | 1,613.72 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | |
| COMMODITY | | CONSUMED | | CREDITED | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| ITEM | UNIT | QUANTITY | | QUANTITY | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | |
| FUEL | BBL | 3,959 | | 0 | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | |
| ELECTRICITY | KW | 0 | | 0 | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | |
| LUBRICANTS | GAL | 0 | | 0 | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | |
| MOB DATE | DREDGE START | | DEMOB DATE | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | | |
| 01/27/2020 | 01/27/2020 | | | | FIRE DRILL | | | | 0 | 0 | | |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 0 | |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 4 | 35 | |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 19% | | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | PAGE NO. Page 28 of 89 | |
|---|----------------|---|-------|--|---------------------------|---------------------------|------|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 14 | |
| DREDGE Missouri H | | | | | | DATE 02/09/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |
| QC NARRATIVE(S) GENERAL COMMENTS No material build up inside the DA (Gaillard Island). Clear water flowing out of weir. | | | | | | | |
| CONTRACTOR CERTIFICATION | | 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. | | | | | |
| QC REPRESENTATIVE'S SIGNATURE | | | DATE | | SUPERINTENDENT'S INITIALS | | DATE |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | | | |
|--|------|--|------------------|-------------|--------------------|---|--------------------------|------------------------------|---|------------------------------------|------|---|---|
| | | | | | | | | | | Page 29 of 89 | | | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 15 | | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | 02/10/2020 | | | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | | | |
| | | Missouri H | | | | 2 | | 7 | | | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | | |
| | | 8000 | 0 | 4000 | 0 | 0 | 28 | 0 | 4 | 32 | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | | | |
| | | 232+70 to 237+15 | | | Gaillard Island | | 32,633 | | 566,867 | | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | | | |
| | | 0 % | 40 % | 0 % | 40 % | 20 % | 0 % | 0 % | 0 % | 0 % | | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | AFTER DREDGING | | | | | | |
| | | | | | 37.50 | | 42 | | | | | | |
| RIVER/TIDE STAGE | | MIN | 0.50 | TIME | 10:00 | MAX | 2.40 | TIME | 00:00 | GAGE LOCATION | | | |
| | | | | 0 | 00:00 | 0 | 00:00 | | | Electronis Gage (Dog River Bridge) | | | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | | | |
| | | Weather Caused No Delay | | | 65 °F / 68 °F | | 5 MI | | 5 MPH | | | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | | |
| AVERAGE WIDTH OF CUT | | FT | | 420 | | PUMPING OR DREDGING | | | | 19 | 5 | | |
| TOTAL ADVANCE THIS PERIOD | | FT | | 445 | | PCT OF EFFECTIVE TIME | | | | 80% | | | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 7,285 | | BOOSTER (IN LINE) | | | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 7,730 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 0 | 0 | | |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 35 | | |
| FLOATING PIPE | | 3,840 | | SHORE PIPE | | 1,000 | | SUBMERGED PIPE | | | | 0 | 0 |
| | | | | | | 4,250 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 9,090 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 | | |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 | | |
| AMOUNT DREDGE THIS DATE | | 32,633 | | 29,667 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | | |
| AMOUNT PREVIOUSLY REPORTED | | 534,234 | | 485,666 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | | |
| TOTAL AMOUNT DREDGED TO DATE | | 566,867 | | 515,333 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 2 | 40 | | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,710.03 | | 1,554.60 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | | |
| | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | | |
| | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | | |
| | | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | | |
| | | | | | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | | |
| | | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | | |
| COMMODITY | | CONSUMED | | CREDITED | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | | |
| ITEM | UNIT | QUANTITY | | QUANTITY | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | | |
| FUEL | BBL | 4,188 | | 0 | | FIRE DRILL | | | | 0 | 0 | | |
| ELECTRICITY | KW | 0 | | 0 | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 30 | | |
| LUBRICANTS | GAL | 0 | | 0 | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 | | |
| MOB DATE | | DREDGE START | | DEMOB DATE | | TOTAL NON-EFFECTIVE TIME | | | | 3 | 45 | | |
| 01/27/2020 | | 01/27/2020 | | | | PCT. OF NON-EFFECTIVE | | | | 16% | | | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 22 | 50 | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | PAGE NO. Page 30 of 89 | |
|---|----------------|---|-------------|--|----------------------------------|---------------------------|-------------|
| CONTRACT NO. | | CONTRACT TITLE | | CONTRACTOR | | REPORT NO. | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | Mike Hooks, L.L.C | | 15 | |
| DREDGE | | | | | | DATE | |
| Missouri H | | | | | | 02/10/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | | HR | MIN |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | | 1 | 10 |
| Diesel | Ashley | 250 | 24:00 | CESSATION | | 0 | 0 |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | | 0 | 0 |
| | | | | MISCELLANEOUS | | 0 | 0 |
| | | | | TOTAL LOST TIME | | 1 | 10 |
| | | | | PERCENTAGE OF TOTAL TIME | | 5% | |
| | | | | TOTAL TIME IN PERIOD | | 24 | 0 |
| QC NARRATIVE(S) | | | | | | | |
| GENERAL COMMENTS | | | | | | | |
| No material build up inside the DA (Gaillard Island). Clear water flowing out | | | | | | | |
| MOR 0% Swap out pontoon. | | | | | | | |
| CONTRACTOR CERTIFICATION | | 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. | | | | | |
| QC REPRESENTATIVE'S SIGNATURE | | | DATE | | SUPERINTENDENT'S INITIALS | | DATE |
| | | | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | | | | | | | | | |
|---|--|-----------------------|------------------|---|--|-----------------------|--|---------------------------------------|---|---|--|------------------------------------|--|---------------|-----|--|------|--------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | | | | | | | | | Page 31 of 89 | | | | | | | | | |
| CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | | | | | | | | CONTRACTOR Mike Hooks, L.L.C | | | | | | | | | |
| CONTRACTOR | | | | | | | | | | REPORT NO. 16 | | | | | | | | | |
| CHARACTER OF REPORT <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | | | | | DATE 02/11/2020 | | | | | | | | | |
| DREDGE NAME AND TYPE Missouri H | | | | | | | | | | SHIFTS PER DAY 2 | | DAYS PER WEEK 7 | | | | | | | |
| SIZE | | | | | | | | | | HORSEPOWER | | NO. OF CREW MEMBERS | | | | | | | |
| PIPELINE 8000 | | DIPPER OR BUCKET 0 | | DREDGE PUMP 4000 | | SUCTION PIPE JET 0 | | CUTTER OR BUCKET 0 | | DREDGE 28 | | SHORE 0 | | OTHER 4 | | TOTAL 32 | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | | | | | | | | |
| LOCATION OF WORK | | | | REACH DREDGED; STATION TO STATION 237+15 to 241+55 | | | | DISPOSAL AREA USED Gaillard Island | | | | QTY DEPOSITED GROSS (CY) 32,267 | | | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 599,134 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | | SAND 40 % | | CLAY 0 % | | MUD 40 % | | SILT 20 % | | HARDPAN 0 % | | STONE 0 % | | SHELL 0 % | | OTHER 0 % | |
| CHANNEL CONDITION | | | | AVERAGE DEPTH | | | | BEFORE DREDGING 37.50 | | | | AFTER DREDGING 42 | | | | | | | |
| RIVER/TIDE STAGE | | MIN 0.80 | | TIME 12:00 | | MAX 2.50 | | TIME 01:00 | | GAGE LOCATION Electronis Gage (Dog River Bridge) | | MIN 0 | | TIME 00:00 | | GAGE DATUM MLLW | | | |
| WEATHER CONDITION | | | | WEATHER Weather Caused Non-Critical Delay | | | | TEMP (min/max) 64 °F / 69 °F | | | | VISIBILITY 1 MI | | | | WIND 5 MPH | | | |
| WORK PERFORMED | | | | | | | | | DISTRIBUTION OF WORK | | | | | | | | | | |
| ITEM | | | UNIT | | | QUANTITY | | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | | | HR. | | MIN. | | |
| AVERAGE WIDTH OF CUT | | | FT | | | 420 | | | PUMPING OR DREDGING | | | | | | 19 | | 10 | | |
| TOTAL ADVANCE THIS PERIOD | | | FT | | | 440 | | | PCT OF EFFECTIVE TIME | | | | | | 80% | | | | |
| TOTAL ADVANCE PREVIOUSLY | | | FT | | | 7,730 | | | BOOSTER (IN LINE) | | | | | | | | | | |
| TOTAL ADVANCE TO DATE | | | FT | | | 8,170 | | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | | | | | |
| SCOWS LOADED | | | NUMBER | | | 0 | | | HANDLING PIPE LINES | | | | | | 0 | | 35 | | |
| AVERAGE LOAD PER SCOW | | | CY | | | 0 | | | HANDLING ANCHOR LINES | | | | | | 0 | | 20 | | |
| FLOATING PIPE 4,480 | | | SHORE PIPE 1,000 | | | SUBMERGED PIPE 4,250 | | | CLEARING PUMP AND PUMP LINES | | | | | | 1 | | 25 | | |
| TOTAL LENGTH OF DISCHARGE PIPE | | | FT | | | 9,730 | | | CLEARING CUTTER AND SUCTION HEAD | | | | | | 0 | | 0 | | |
| CUBIC YARDS REMOVED | | | GROSS | | | CREDITED | | | WAITING FOR SCOWS | | | | | | 0 | | 0 | | |
| AMOUNT DREDGE THIS DATE | | | 32,267 | | | 29,333 | | | TO AND FROM WHARF OR ANCHORAGE | | | | | | 0 | | 0 | | |
| AMOUNT PREVIOUSLY REPORTED | | | 566,867 | | | 515,333 | | | CHANGING LOCATION OF PLANT ON JOB | | | | | | 0 | | 0 | | |
| TOTAL AMOUNT DREDGED TO DATE | | | 599,134 | | | 544,666 | | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | | | 2 | | 30 | | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | | 1,683.50 | | | 1,530.42 | | | SHORE LINE AND SHORE WORK | | | | | | 0 | | 0 | | |
| OPERATING SUPPLIES | | | | | | | | | WAITING FOR BOOSTER | | | | | | 0 | | 0 | | |
| COMMODITY | | | CONSUMED | | | CREDITED | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | | | 0 | | 0 | | |
| ITEM | | | UNIT | | | QUANTITY | | | WAITING FOR ATTENDANT PLANT | | | | | | 0 | | 0 | | |
| FUEL | | | BBL | | | 3,328 | | | PREPARATION AND MAKING UP TOW | | | | | | 0 | | 0 | | |
| ELECTRICITY | | | KW | | | 0 | | | TRANSFERRING PLANT BETWEEN WORKS | | | | | | 0 | | 0 | | |
| LUBRICANTS | | | GAL | | | 10 | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | | | 0 | | 0 | | |
| MOB DATE | | | DREDGE START | | | DEMOB DATE | | | SUNDAYS AND HOLIDAYS | | | | | | 0 | | 0 | | |
| 01/27/2020 | | | 01/27/2020 | | | | | | FIRE DRILL | | | | | | 0 | | 0 | | |
| | | | | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | | | 0 | | 0 | | |
| | | | | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | | | 0 | | 0 | | |
| | | | | | | | | | TOTAL NON-EFFECTIVE TIME | | | | | | 4 | | 50 | | |
| | | | | | | | | | PCT. OF NON-EFFECTIVE | | | | | | 20% | | | | |
| | | | | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | | | 24 | | 0 | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | PAGE NO. Page 32 of 89 | |
|---|----------------|---|-------------|--|----------------------------------|---------------------------|-------------|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 16 | |
| DREDGE Missouri H | | | | | | DATE 02/11/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |
| QC NARRATIVE(S) GENERAL COMMENTS No material build up inside the DA (Gaillard Island). Clear water flowing out weather 70% due to low visibility heavy fog | | | | | | | |
| CONTRACTOR CERTIFICATION | | 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. | | | | | |
| QC REPRESENTATIVE'S SIGNATURE | | | DATE | | SUPERINTENDENT'S INITIALS | | DATE |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | |
|--|--------------|--|------------------|----------------------|----------------------|---|--------------------------|---------------|---|--|------|
| | | | | | | | | | | Page 33 of 89 | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 17 | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | 02/12/2020 | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | |
| | | Missouri H | | | | 2 | | 7 | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | |
| | | 8000 | 0 | 4000 | 0 | 0 | 28 | 0 | 4 | 32 | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | |
| | | 241+55 to 246+75 | | | Gaillard Island | | 38,133 | | 637,267 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | |
| | | 0 % | 40 % | 0 % | 40 % | 20 % | 0 % | 0 % | 0 % | 0 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | AFTER DREDGING | | | | |
| | | | | | 37.50 | | 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 0.70 | TIME | 09:00 | MAX | 1.80 | TIME | 18:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | |
| | | Weather Caused No Delay | | | 65 °F / 75 °F | | 2 MI | | South 5 to 15 MPH | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. |
| AVERAGE WIDTH OF CUT | | FT | | 420 | | PUMPING OR DREDGING | | | | 21 | 40 |
| TOTAL ADVANCE THIS PERIOD | | FT | | 520 | | PCT OF EFFECTIVE TIME | | | | 90% | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 8,170 | | BOOSTER (IN LINE) | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 8,690 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 0 | 50 |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 30 |
| FLOATING PIPE 4,480 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 4,250 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 9,730 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | | 38,133 | | 34,667 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 |
| AMOUNT PREVIOUSLY REPORTED | | 599,134 | | 544,666 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 |
| TOTAL AMOUNT DREDGED TO DATE | | 637,267 | | 579,333 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,759.98 | | 1,600.02 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 |
| COMMODITY | | CONSUMED | | CREDITED | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| ITEM | UNIT | QUANTITY | | QUANTITY | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 |
| FUEL | BBL | 5,546 | | 0 | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 |
| ELECTRICITY | KW | 0 | | 0 | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 |
| LUBRICANTS | GAL | 54 | | 0 | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 |
| MOB DATE | DREDGE START | | DEMOB DATE | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| 01/27/2020 | 01/27/2020 | | | | FIRE DRILL | | | | 0 | 0 | |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 1 | 0 |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 2 | 20 |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 10% | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 |

| | | | | | | | | |
|--|-----------------------|---|--------------|---|--|----------------------------------|-------------------------|--|
| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | PAGE NO. Page 34 of 89 | | |
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 17 | |
| DREDGE | | Missouri H | | | | DATE 02/12/2020 | | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | | 0 | 0 | |
| | | | | MISCELLANEOUS | | 0 | 0 | |
| | | | | TOTAL LOST TIME | | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | | |
| | | | | TOTAL TIME IN PERIOD | | 24 | 0 | |
| QC NARRATIVE(S) | | | | | | | | |
| GENERAL COMMENTS | | | | | | | | |
| No material build up inside the DA (Gaillard Island). Clear water flowing ou | | | | | | | | |
| CONTRACTOR CERTIFICATION | | 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. | | | | | | |
| QC REPRESENTATIVE'S SIGNATURE | | | DATE | | SUPERINTENDENT'S INITIALS | | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 35 of 89 | | |
|---|----------|--|--------------|------------------|---|--|------------------------------------|--------------------|--|---|----|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 18 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | DATE 02/13/2020 | | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | SHIFTS PER DAY 2 | | | DAYS PER WEEK 7 | | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | | |
| PIPELINE | | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | | |
| 8000 | | 0 | 4000 | 0 | 0 | 27 | 0 | 4 | 31 | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 246+75 to 250+40 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 26,767 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 664,034 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 40 % | CLAY 0 % | MUD 40 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 37.50 | | AFTER DREDGING 42 | | | | | |
| RIVER/TIDE STAGE | | MIN | 0.10 | TIME | 23:00 | MAX | 2.20 | TIME | 03:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | |
| WEATHER CONDITION | | WEATHER Weather Caused Non-Critical Delay | | | TEMP (min/max) 50 °F / 70 °F | | VISIBILITY 3 MI | | WIND North @ 15 to 25 MPH | | | |
| WORK PERFORMED | | | | | DISTRIBUTION OF WORK | | | | | | | |
| ITEM | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | | |
| AVERAGE WIDTH OF CUT | FT | | 400 | | PUMPING OR DREDGING | | | | 15 | 50 | | |
| TOTAL ADVANCE THIS PERIOD | FT | | 365 | | PCT OF EFFECTIVE TIME 66% | | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | FT | | 8,690 | | BOOSTER (IN LINE) | | | | | | | |
| TOTAL ADVANCE TO DATE | FT | | 9,055 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | | |
| SCOWS LOADED | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 1 | 55 | | |
| AVERAGE LOAD PER SCOW | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 20 | | |
| FLOATING PIPE | 4,240 | SHORE PIPE | 1,000 | SUBMERGED PIPE | 5,250 | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 | |
| TOTAL LENGTH OF DISCHARGE PIPE | FT | | 10,490 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 | | |
| CUBIC YARDS REMOVED | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 | | |
| AMOUNT DREDGE THIS DATE | 26,767 | | 24,333 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | | |
| AMOUNT PREVIOUSLY REPORTED | 637,267 | | 579,333 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | | |
| TOTAL AMOUNT DREDGED TO DATE | 664,034 | | 603,666 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 4 | 30 | | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | 1,690.55 | | 1,536.82 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | | |
| OPERATING SUPPLIES | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | | |
| | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | | |
| COMMODITY | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | | |
| | | | | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | | |
| CONSUMED | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | | |
| | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | | |
| CREDITED | | | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | | |
| | | | | | FIRE DRILL | | | | 0 | 0 | | |
| ITEM | UNIT | QUANTITY | | QUANTITY | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 50 | |
| FUEL | BBL | 4,420 | | 0 | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| ELECTRICITY | KW | 0 | | 0 | | TOTAL NON-EFFECTIVE TIME | | | | 7 | 35 | |
| LUBRICANTS | GAL | 54 | | 0 | | PCT. OF NON-EFFECTIVE | | | | 32% | | |
| MOB DATE 01/27/2020 | | DREDGE START 01/27/2020 | | DEMOB DATE | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 23 | 25 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | PAGE NO. Page 36 of 89 | |
|---|----------------|---|-------|--|----|---------------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 18 | |
| DREDGE Missouri H | | DATE 02/13/2020 | | | | | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 35 | |
| | | | | TOTAL LOST TIME | 0 | 35 | |
| | | | | PERCENTAGE OF TOTAL TIME | 2% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

MISC: (0%) Replace leaking pontoon gasket.

No material build up inside the DA (Gaillard Island). Clear water flowing ou

| | | | | | | | |
|--------------------------------------|--|---|-------------|--|----------------------------------|--|-------------|
| CONTRACTOR CERTIFICATION | | 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. | | | | | |
| QC REPRESENTATIVE'S SIGNATURE | | | DATE | | SUPERINTENDENT'S INITIALS | | DATE |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | |
|--|--------------|--|------------------|----------------------|--------------------|---|--------------------------|---------------|---|--|------|
| | | | | | | | | | | Page 37 of 89 | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 19 | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | 02/14/2020 | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | |
| | | Missouri H | | | | 2 | | 7 | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | |
| | | 8000 | 0 | 4000 | 0 | 0 | 26 | 0 | 4 | 30 | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | |
| | | 250+40 to 254+70 | | | Gaillard Island | | 31,533 | | 695,567 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | |
| | | 0 % | 30 % | 0 % | 50 % | 20 % | 0 % | 0 % | 0 % | 0 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | 37.50 | | AFTER DREDGING | | |
| | | | | | | | | | 42 | | |
| RIVER/TIDE STAGE | | MIN | 0.10 | TIME | 23:00 | MAX | 2.20 | TIME | 03:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | |
| | | Weather Caused Non-Critical Delay | | | 62 °F / 72 °F | | 2 MI | | West @ 20 to 15 MPH | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. |
| AVERAGE WIDTH OF CUT | | FT | | 420 | | PUMPING OR DREDGING | | | | 16 | 55 |
| TOTAL ADVANCE THIS PERIOD | | FT | | 430 | | PCT OF EFFECTIVE TIME | | | | 70% | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 9,055 | | BOOSTER (IN LINE) | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 9,485 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 1 | 5 |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 30 |
| FLOATING PIPE 4,000 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 6,250 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 11,250 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | | 31,533 | | 28,667 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 |
| AMOUNT PREVIOUSLY REPORTED | | 664,034 | | 603,666 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 |
| TOTAL AMOUNT DREDGED TO DATE | | 695,567 | | 632,333 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 3 | 30 |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,864.02 | | 1,694.60 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 |
| COMMODITY | | CONSUMED | | CREDITED | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| ITEM | UNIT | QUANTITY | | QUANTITY | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 |
| FUEL | BBL | 4,314 | | 0 | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 |
| ELECTRICITY | KW | 0 | | 0 | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 |
| LUBRICANTS | GAL | 10 | | 0 | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 |
| MOB DATE | DREDGE START | DEMOB DATE | | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 |
| 01/27/2020 | 01/27/2020 | | | | | FIRE DRILL | | | | 0 | 0 |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 2 | 0 |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 7 | 5 |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 30% | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | PAGE NO. Page 38 of 89 | |
|---|----------------|---|-------|--|----|---------------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 19 | |
| DREDGE Missouri H | | | | | | DATE 02/14/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). Clear water flowing into the Weir.

| | | | | | | | |
|--------------------------------------|--|---|-------------|--|----------------------------------|--|-------------|
| CONTRACTOR CERTIFICATION | | 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. | | | | | |
| QC REPRESENTATIVE'S SIGNATURE | | | DATE | | SUPERINTENDENT'S INITIALS | | DATE |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | | | | | | | | | | | | | | | | | | | | | |
|---|--|---------------|------------------|--------------|---|-------------|------------------|-------------------------|------------------|--|--------|----------------|-------|------------------------------|------------------------------------|--------------|-------|---|--|---------------------------------|--|----|--|--|--|--|--|--|--|------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | | | | | | | | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | | | | | | | | CONTRACTOR Mike Hooks, L.L.C | | | | | | | | | | REPORT NO. 20 | |
| CHARACTER OF REPORT | | | | | | | | | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | | | | | DATE 02/15/2020 | | | | | | | | | | | |
| DREDGE | | | | | | | | | | NAME AND TYPE Missouri H | | | | | SHIFTS PER DAY 2 | | | DAYS PER WEEK 7 | | | | | | | | | | | | | |
| PIPELINE | | | DIPPER OR BUCKET | | DREDGE PUMP | | SUCTION PIPE JET | | CUTTER OR BUCKET | | DREDGE | | SHORE | | OTHER | | TOTAL | | | | | | | | | | | | | | |
| 8000 | | | 0 | | 4000 | | 0 | | 0 | | 26 | | 0 | | 4 | | 30 | | | | | | | | | | | | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCATION OF WORK | | | | | REACH DREDGED; STATION TO STATION 254+70 to 259+60 | | | | | DISPOSAL AREA USED Gaillard Island | | | | | QTY DEPOSITED GROSS (CY) 35,933 | | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 731,500 | | | | | | | | | | | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | | SAND 30 % | | CLAY 0 % | | MUD 50 % | | SILT 20 % | | HARDPAN 0 % | | STONE 0 % | | SHELL 0 % | | OTHER 0 % | | | | | | | | | | | | | |
| CHANNEL CONDITION | | | | | AVERAGE DEPTH | | | | | BEFORE DREDGING 37.50 | | | | | AFTER DREDGING 42 | | | | | | | | | | | | | | | | |
| RIVER/TIDE STAGE | | MIN | | 0.10 | | TIME | | 23:00 | | MAX | | 2.20 | | TIME | | 03:00 | | GAGE LOCATION Electronic Gage (Dog River Bridge) | | | | | | | | | | | | | |
| | | MIN | | 0 | | TIME | | 00:00 | | MAX | | 0 | | TIME | | 00:00 | | GAGE DATUM MLLW | | | | | | | | | | | | | |
| WEATHER CONDITION | | | | | WEATHER Weather Caused Non-Critical Delay | | | | | TEMP (min/max) 42 °F / 62 °F | | | | | VISIBILITY 3 MI | | | WIND NE @ 25 to 10 MPH | | | | | | | | | | | | | |
| WORK PERFORMED | | | | | | | | | | DISTRIBUTION OF WORK | | | | | | | | | | | | | | | | | | | | | |
| ITEM | | UNIT | | QUANTITY | | | | | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | | | HR. | | MIN. | | | | | | | | | | | | | |
| AVERAGE WIDTH OF CUT | | FT | | 400 | | | | | | PUMPING OR DREDGING | | | | | | 18 | | 0 | | | | | | | | | | | | | |
| TOTAL ADVANCE THIS PERIOD | | FT | | 490 | | | | | | PCT OF EFFECTIVE TIME 75% | | | | | | | | | | | | | | | | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 9,485 | | | | | | BOOSTER (IN LINE) | | | | | | | | | | | | | | | | | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 9,975 | | | | | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | | | | | | | | | | | | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | | | | | HANDLING PIPE LINES | | | | | | 1 | | 30 | | | | | | | | | | | | | |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | | | | | HANDLING ANCHOR LINES | | | | | | 0 | | 30 | | | | | | | | | | | | | |
| FLOATING PIPE | | 4,320 | | SHORE PIPE | | 1,000 | | SUBMERGED PIPE 6,250 | | | | | | CLEARING PUMP AND PUMP LINES | | | | | | 0 | | 0 | | | | | | | | | |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 11,570 | | | | | | CLEARING CUTTER AND SUCTION HEAD | | | | | | 0 | | 45 | | | | | | | | | | | | | |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | | | | | WAITING FOR SCOWS | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| AMOUNT DREDGE THIS DATE | | 35,933 | | 32,667 | | | | | | TO AND FROM WHARF OR ANCHORAGE | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| AMOUNT PREVIOUSLY REPORTED | | 695,567 | | 632,333 | | | | | | CHANGING LOCATION OF PLANT ON JOB | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| TOTAL AMOUNT DREDGED TO DATE | | 731,500 | | 665,000 | | | | | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | | | 3 | | 5 | | | | | | | | | | | | | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,996.28 | | 1,814.83 | | | | | | SHORE LINE AND SHORE WORK | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| OPERATING SUPPLIES | | | | | | | | | | WAITING FOR BOOSTER | | | | | | | | | | 0 | | 0 | | | | | | | | | |
| COMMODITY | | CONSUMED | | CREDITED | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| ITEM | | UNIT | | QUANTITY | | | | | | WAITING FOR ATTENDANT PLANT | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| FUEL | | BBL | | 4,336 | | | | | | PREPARATION AND MAKING UP TOW | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| ELECTRICITY | | KW | | 0 | | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| LUBRICANTS | | GAL | | 54 | | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| MOB DATE | | DREDGE START | | DEMOB DATE | | | | | | SUNDAYS AND HOLIDAYS | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| 01/27/2020 | | 01/27/2020 | | | | | | | | FIRE DRILL | | | | | | 0 | | 0 | | | | | | | | | | | | | |
| | | | | | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | | | | | | | 0 | | 10 | | | | | | | | | |
| | | | | | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | | | | | | | 0 | | 0 | | | | | | | | | |
| | | | | | | | | | | TOTAL NON-EFFECTIVE TIME | | | | | | | | | | 6 | | 0 | | | | | | | | | |
| | | | | | | | | | | PCT. OF NON-EFFECTIVE 25% | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | | | | | | | 24 | | 0 | | | | | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | PAGE NO. Page 40 of 89 | |
|---|----------------|---|-------|--|----|---------------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 20 | |
| DREDGE Missouri H | | | | | | DATE 02/15/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). Dirty water flowing into the Weir. (added 3 boards to each cell at the weir to stop the water flow (let the dirty water to subside).

| | | | | | | | |
|--------------------------------------|--|---|-------------|--|----------------------------------|--|-------------|
| CONTRACTOR CERTIFICATION | | 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. | | | | | |
| QC REPRESENTATIVE'S SIGNATURE | | | DATE | | SUPERINTENDENT'S INITIALS | | DATE |
| | | | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | |
|--|--|--|------------------|----------------------|--------------------|---|--------------------------|---------------|---|--|------|
| | | | | | | | | | | Page 41 of 89 | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 21 | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | 02/16/2020 | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | |
| | | Missouri H | | | | 2 | | 7 | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | |
| | | 8000 | 0 | 4000 | 0 | 0 | 26 | 0 | 4 | 30 | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | |
| | | 259+60 to 262+50 & 242+90 to 244+70 | | | Gaillard Island | | 27,867 | | 759,367 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | |
| | | 0 % | 30 % | 0 % | 50 % | 20 % | 0 % | 0 % | 0 % | 0 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | AFTER DREDGING | | | | |
| | | | | | 37.50 | | 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 0.20 | TIME | 06:00 | MAX | 2.20 | TIME | 17:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | |
| | | Weather Caused No Delay | | | 46 °F / 62 °F | | 2 MI | | ENE @ 10 MPH | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. |
| AVERAGE WIDTH OF CUT | | FT | | 300 | | PUMPING OR DREDGING | | | | 15 | 45 |
| TOTAL ADVANCE THIS PERIOD | | FT | | 470 | | PCT OF EFFECTIVE TIME | | | | 66% | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 9,975 | | BOOSTER (IN LINE) | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 10,445 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 0 | 0 |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 30 |
| FLOATING PIPE 3,000 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 6,250 | | CLEARING PUMP AND PUMP LINES | | | | 1 | 25 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 10,250 | | CLEARING CUTTER AND SUCTION HEAD | | | | 1 | 40 |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | | 27,867 | | 25,333 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 |
| AMOUNT PREVIOUSLY REPORTED | | 731,500 | | 665,000 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 25 |
| TOTAL AMOUNT DREDGED TO DATE | | 759,367 | | 690,333 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,769.33 | | 1,608.44 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 |
| | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 |
| | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| | | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 |
| | | | | | | PREPARATION AND MAKING UP TOW | | | | 1 | 35 |
| | | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 |
| | | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 |
| | | | | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 |
| | | | | | | FIRE DRILL | | | | 0 | 0 |
| FUEL | | BBL | | 5,546 | | MOVING OUT OF WAY OF TRAFFIC | | | | 2 | 40 |
| ELECTRICITY | | KW | | 0 | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| LUBRICANTS | | GAL | | 20 | | TOTAL NON-EFFECTIVE TIME | | | | 8 | 15 |
| MOB DATE | | DREDGE START | | DEMOB DATE | | PCT. OF NON-EFFECTIVE | | | | 34% | |
| 01/27/2020 | | 01/27/2020 | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. | | |
|--|----------------|---------------------------------------|-------|--|---------------|------------|-----|
| | | | | | Page 42 of 89 | | |
| CONTRACT NO. | | CONTRACT TITLE | | CONTRACTOR | | REPORT NO. | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | Mike Hooks, L.L.C | | 21 | |
| DREDGE | | Missouri H | | | | DATE | |
| | | | | | | 02/16/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | | HR | MIN |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | | 0 | 0 |
| Diesel | Ashley | 250 | 24:00 | CESSATION | | 0 | 0 |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | | 0 | 0 |
| | | | | MISCELLANEOUS | | 0 | 0 |
| | | | | TOTAL LOST TIME | | 0 | 0 |
| | | | | PERCENTAGE OF TOTAL TIME | | 0% | |
| | | | | TOTAL TIME IN PERIOD | | 24 | 0 |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). clear water flowing into the Weir. (removed 2 boards from each cell at the weir. moved the dredge to widener cut at station 242+90 and started swing 200' wide at the start of the cut making one pass.

| | | | | | | | |
|--------------------------------------|--|---|--|----------------------------------|--|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | | SUPERINTENDENT'S INITIALS | | DATE | |
| | | | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 43 of 89 | | |
|---|----------|--|--------------|-------------------------|---------------------------------------|--|------------------------------------|--------------------|--|---|------|---|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 22 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE 02/17/2020 | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | | SHIFTS PER DAY 2 | | DAYS PER WEEK 7 | | | | |
| | | SIZE | | HORSEPOWER | | NO. OF CREW MEMBERS | | | | | | |
| PIPELINE | | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | | |
| 8000 | | 0 | 4000 | 0 | 0 | 26 | 0 | 4 | 30 | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 244+70 to 249+70 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 35,852 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 795,219 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 30 % | CLAY 0 % | MUD 50 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 36.50 | | AFTER DREDGING 42 | | | | | |
| RIVER/TIDE STAGE | | MIN | 0.30 | TIME | 00:00 | MAX | 2.60 | TIME | 17:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | |
| WEATHER CONDITION | | WEATHER Weather Caused No Delay | | | TEMP (min/max) 63 °F / 67 °F | | VISIBILITY MI | | WIND MPH | | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | | |
| ITEM | UNIT | | QUANTITY | | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | FT | | 320 | | | PUMPING OR DREDGING | | | | 22 | 30 | |
| TOTAL ADVANCE THIS PERIOD | FT | | 500 | | | PCT OF EFFECTIVE TIME 94% | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | FT | | 10,445 | | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | FT | | 10,945 | | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | NUMBER | | 0 | | | HANDLING PIPE LINES | | | | 0 | 30 | |
| AVERAGE LOAD PER SCOW | CY | | 0 | | | HANDLING ANCHOR LINES | | | | 0 | 30 | |
| FLOATING PIPE | 3,240 | SHORE PIPE | 1,000 | SUBMERGED PIPE 6,250 | | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | FT | | 10,490 | | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 20 | |
| CUBIC YARDS REMOVED | GROSS | | CREDITED | | | WAITING FOR SCOWS | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | 35,852 | | 32,593 | | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | 759,367 | | 690,333 | | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | 795,219 | | 722,926 | | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | 1,593.42 | | 1,448.58 | | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | |
| | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| COMMODITY | | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | |
| | | | | | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | |
| CONSUMED | | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | |
| | | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | |
| CREDITED | | | | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| | | | | | | FIRE DRILL | | | | 0 | 0 | |
| ITEM | UNIT | QUANTITY | | QUANTITY | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 10 | |
| FUEL | BBL | 3,834 | | 0 | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| ELECTRICITY | KW | 0 | | 0 | | TOTAL NON-EFFECTIVE TIME | | | | 1 | 30 | |
| LUBRICANTS | GAL | 50 | | 0 | | PCT. OF NON-EFFECTIVE | | | | 6% | | |
| MOB DATE 01/27/2020 | | DREDGE START 01/27/2020 | | DEMOB DATE | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 44 of 89 | | |
|---|----------------|---|-------|--|---------------------------|------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 22 | |
| DREDGE Missouri H | | DATE 02/17/2020 | | | | | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). clear water flowing into the Weir.

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | | | |
|--|--|--|------------------|-------------|--------------------|---|--------------------------|----------------|---|------------------------------------|------|---|---|
| | | | | | | | | | | Page 45 of 89 | | | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 23 | | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | 02/18/2020 | | | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | | | |
| | | Missouri H | | | | 2 | | 7 | | | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | | |
| | | 8000 | 0 | 4000 | 0 | 0 | 26 | 0 | 4 | 30 | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | | | |
| | | 249+70 to 255+30 | | | Gaillard Island | | 40,154 | | 835,373 | | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | | | |
| | | 0 % | 30 % | 0 % | 50 % | 20 % | 0 % | 0 % | 0 % | 0 % | | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | AFTER DREDGING | | | | | | |
| | | | | | 36.50 | | 42 | | | | | | |
| RIVER/TIDE STAGE | | MIN | 0.60 | TIME | 09:00 | MAX | 2.50 | TIME | 18:00 | GAGE LOCATION | | | |
| | | | | 0 | 00:00 | 0 | 00:00 | | | Electronic Gage (Dog River Bridge) | | | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | | | |
| | | Weather Caused No Delay | | | 59 °F / 69 °F | | MI | | MPH | | | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | | |
| AVERAGE WIDTH OF CUT | | FT | | 320 | | PUMPING OR DREDGING | | | | 21 | 25 | | |
| TOTAL ADVANCE THIS PERIOD | | FT | | 560 | | PCT OF EFFECTIVE TIME | | | | 89% | | | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 10,945 | | BOOSTER (IN LINE) | | | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 11,505 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 0 | 50 | | |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 30 | | |
| FLOATING PIPE | | 3,920 | | SHORE PIPE | | 1,000 | | SUBMERGED PIPE | | | | 0 | 0 |
| | | | | | | 6,250 | | | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 11,170 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | | |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | | |
| AMOUNT DREDGE THIS DATE | | 40,154 | | 36,504 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 | | |
| AMOUNT PREVIOUSLY REPORTED | | 795,219 | | 722,926 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | | |
| TOTAL AMOUNT DREDGED TO DATE | | 835,373 | | 759,430 | | WAITING FOR BOOSTER | | | | 0 | 0 | | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,874.89 | | 1,704.47 | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | | |
| | | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | | |
| | | | | | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | | |
| | | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | | |
| | | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | | |
| | | | | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | | |
| | | | | | | FIRE DRILL | | | | 0 | 0 | | |
| FUEL | | BBL | | 4,228 | | MOVING OUT OF WAY OF TRAFFIC | | | | 1 | 15 | | |
| ELECTRICITY | | KW | | 0 | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 | | |
| LUBRICANTS | | GAL | | 30 | | TOTAL NON-EFFECTIVE TIME | | | | 2 | 35 | | |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 11% | | | |
| MOB DATE | | DREDGE START | | DEMOB DATE | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 | | |
| 01/27/2020 | | 01/27/2020 | | | | | | | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | PAGE NO. Page 46 of 89 | |
|---|----------------|---|-------|--|---------------------------|---------------------------|------|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 23 | |
| DREDGE Missouri H | | | | | | DATE 02/18/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |
| QC NARRATIVE(S) GENERAL COMMENTS No material build up inside the DA (Gaillard Island). clear water flowing into the Weir. | | | | | | | |
| CONTRACTOR CERTIFICATION | | 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. | | | | | |
| QC REPRESENTATIVE'S SIGNATURE | | | DATE | | SUPERINTENDENT'S INITIALS | | DATE |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 47 of 89 | | |
|---|--------------|--|------------------|----------------------|---------------------------------------|--|------------------------------------|----------------------|--|---|------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 24 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE 02/19/2020 | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | | SHIFTS PER DAY 2 | | DAYS PER WEEK 7 | | | | |
| | | SIZE | | HORSEPOWER | | NO. OF CREW MEMBERS | | | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | |
| | | 8000 | 0 | 4000 | 0 | 0 | 26 | 0 | 4 | 30 | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 255+30 to 258+65 (widener) | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 26,204 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 861,577 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0% | SAND 30% | CLAY 0% | MUD 50% | SILT 20% | HARDPAN 0% | STONE 0% | SHELL 0% | OTHER 0% | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 36 | | | AFTER DREDGING 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 0.50 | TIME | 09:00 | MAX | 1.70 | TIME | 20:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | |
| WEATHER CONDITION | | WEATHER Weather Caused No Delay | | | TEMP (min/max) 59 °F / 74 °F | | VISIBILITY 3 MI | | WIND NNE @ 5 to 10 MPH | | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | | FT | | 320 | | PUMPING OR DREDGING | | | | 17 | 0 | |
| TOTAL ADVANCE THIS PERIOD | | FT | | 335 | | PCT OF EFFECTIVE TIME | | | | 71% | | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 11,505 | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 11,840 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 0 | 0 | |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 30 | |
| FLOATING PIPE 3,920 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 6,250 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 | |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 11,170 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 20 | |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | | 26,204 | | 23,822 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | | 835,373 | | 759,430 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | | 861,577 | | 783,252 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,541.41 | | 1,401.29 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | |
| COMMODITY | | CONSUMED | | CREDITED | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| ITEM | UNIT | QUANTITY | | QUANTITY | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | |
| FUEL | BBL | 4,684 | | 0 | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | |
| ELECTRICITY | KW | 0 | | 0 | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | |
| LUBRICANTS | GAL | 10 | | 0 | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | |
| MOB DATE | DREDGE START | DEMOB DATE | | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| 01/27/2020 | 01/27/2020 | | | | | FIRE DRILL | | | | 0 | 0 | |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 3 | 30 | |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 10 | |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 4 | 30 | |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 19% | | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 21 | 30 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 48 of 89 | |
|---|----------------|---|-------|--|---------------------------|--------------------|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 24 |
| DREDGE Missouri H | | | | | | DATE 02/19/2020 |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 |
| | | | | MISCELLANEOUS | 2 | 30 |
| | | | | TOTAL LOST TIME | 2 | 30 |
| | | | | PERCENTAGE OF TOTAL TIME | 10% | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). clear water flowing into the Weir.
 MISC: (10%) 0:10 Held Monthly Drills.
 MISC: (0%) 2:30 Taking on Fuel..

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | |
|--|--------------|--|------------------|----------------------|----------------------|---|--------------------------|---------------|---|------------------------------------|------|
| | | | | | | | | | | Page 49 of 89 | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 25 | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | 02/20/2020 | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | |
| | | Missouri H | | | | 2 | | 7 | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | |
| | | 8000 | 0 | 4000 | 0 | 0 | 26 | 0 | 4 | 30 | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | |
| | | 258+65 to 261+10 & 262+50 to 264+40 | | | Gaillard Island | | 29,904 | | 891,481 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | |
| | | 0 % | 30 % | 0 % | 50 % | 20 % | 0 % | 0 % | 0 % | 0 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | AFTER DREDGING | | | | |
| | | | | | 37.50 | | 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 0.30 | TIME | 23:00 | MAX | 1.30 | TIME | 01:00 | GAGE LOCATION | |
| | | | | 0 | 00:00 | 0 | 00:00 | | | Electronic Gage (Dog River Bridge) | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | |
| | | Weather Caused No Delay | | | 47 °F / 64 °F | | 2 MI | | NNE @ 15 TO 30 MPH | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. |
| AVERAGE WIDTH OF CUT | | FT | | 37 | | PUMPING OR DREDGING | | | | 17 | 30 |
| TOTAL ADVANCE THIS PERIOD | | FT | | 435 | | PCT OF EFFECTIVE TIME | | | | 73% | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 11,840 | | BOOSTER (IN LINE) | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 12,275 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 1 | 45 |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 40 |
| FLOATING PIPE 5,260 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 6,250 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 12,510 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | | 29,904 | | 27,186 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 |
| AMOUNT PREVIOUSLY REPORTED | | 861,577 | | 783,252 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 30 |
| TOTAL AMOUNT DREDGED TO DATE | | 891,481 | | 810,438 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,708.80 | | 1,553.49 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 |
| COMMODITY | | CONSUMED | | CREDITED | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| ITEM | UNIT | QUANTITY | | QUANTITY | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 |
| FUEL | BBL | 4,130 | | 0 | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 |
| ELECTRICITY | KW | 0 | | 0 | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 |
| LUBRICANTS | GAL | 44 | | 0 | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 |
| MOB DATE | DREDGE START | | DEMOB DATE | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| 01/27/2020 | 01/27/2020 | | | | FIRE DRILL | | | | 0 | 0 | |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 2 | 45 |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 50 |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 6 | 30 |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 27% | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 50 of 89 | | |
|---|----------------|---|-------|--|---------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 25 | |
| DREDGE Missouri H | | | | | | DATE 02/20/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). clear water flowing into the Weir.
 MISC: (10%) 0:50 Rechock the spuds due to deep hole in the channel cut.

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 51 of 89 | | |
|---|--------------|--|--------------|-------------------------|---------------------------------------|--|------------------------------------|--------------------|--|---|------|---|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 26 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | DATE 02/21/2020 | | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | SHIFTS PER DAY 2 | | | DAYS PER WEEK 7 | | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | | |
| PIPELINE | | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | | |
| 8000 | | 0 | 4000 | 0 | 0 | 26 | 0 | 4 | 30 | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 264+40 to 267+75 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 24,567 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 916,048 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 30 % | CLAY 0 % | MUD 50 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 37.50 | | AFTER DREDGING 42 | | | | | |
| RIVER/TIDE STAGE | | MIN | 0.30 | TIME | 23:00 | MAX | 1.20 | TIME | 01:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | |
| WEATHER CONDITION | | WEATHER Weather Caused Non-Critical Delay | | | TEMP (min/max) 40 °F / 53 °F | | VISIBILITY 3 MI | | WIND North @ 20 to 35 to 15 MPH | | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | | |
| ITEM | UNIT | | QUANTITY | | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | FT | | 400 | | | PUMPING OR DREDGING | | | | 12 | 35 | |
| TOTAL ADVANCE THIS PERIOD | FT | | 335 | | | PCT OF EFFECTIVE TIME 52% | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | FT | | 12,275 | | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | FT | | 12,610 | | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | NUMBER | | 0 | | | HANDLING PIPE LINES | | | | 0 | 0 | |
| AVERAGE LOAD PER SCOW | CY | | 0 | | | HANDLING ANCHOR LINES | | | | 0 | 30 | |
| FLOATING PIPE | 5,260 | SHORE PIPE | 1,000 | SUBMERGED PIPE 6,250 | | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | FT | | 12,510 | | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 15 | |
| CUBIC YARDS REMOVED | GROSS | | CREDITED | | | WAITING FOR SCOWS | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | 24,567 | | 22,333 | | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | 891,481 | | 810,438 | | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | 916,048 | | 832,771 | | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 9 | 45 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | 1,952.34 | | 1,774.81 | | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | |
| | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| COMMODITY | | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | |
| | | | | | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | |
| ITEM | | UNIT | QUANTITY | | QUANTITY | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | |
| FUEL | BBL | 5,310 | | 0 | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | | |
| ELECTRICITY | KW | 0 | | 0 | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | | |
| LUBRICANTS | GAL | 26 | | 0 | FIRE DRILL | | | | 0 | 0 | | |
| MOB DATE | DREDGE START | | DEMOB DATE | | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 55 | |
| 01/27/2020 | 01/27/2020 | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 11 | 25 | |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 48% | | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 | |
| | | | | | | | | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. | | |
|--|----------------|---------------------------------------|-------|--|---------------|------------|-----|
| | | | | | Page 52 of 89 | | |
| CONTRACT NO. | | CONTRACT TITLE | | CONTRACTOR | | REPORT NO. | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | Mike Hooks, L.L.C | | 26 | |
| DREDGE | | Missouri H | | | | DATE | |
| | | | | | | 02/21/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | | HR | MIN |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | | 0 | 0 |
| Diesel | Ashley | 250 | 24:00 | CESSATION | | 0 | 0 |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | | 0 | 0 |
| | | | | MISCELLANEOUS | | 0 | 0 |
| | | | | TOTAL LOST TIME | | 0 | 0 |
| | | | | PERCENTAGE OF TOTAL TIME | | 0% | |
| | | | | TOTAL TIME IN PERIOD | | 24 | 0 |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). clear water flowing into the Weir.
 Weather Delay (70%) 9:45 Pumping water due to strong North wind (20 to 30 MPH) and rough seas.

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |
| | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 53 of 89 | | |
|---|----------|--|--------------|-------------------------|---------------------------------------|--|------------------------------------|----------------------|--|---|------|---|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 27 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE 02/22/2020 | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | | SHIFTS PER DAY 2 | | DAYS PER WEEK 7 | | | | |
| | | SIZE | | HORSEPOWER | | NO. OF CREW MEMBERS | | | | | | |
| PIPELINE | | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | | |
| 8000 | | 0 | 4000 | 0 | 0 | 25 | 0 | 4 | 29 | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 267+75 to 272+35 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 29,985 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 946,033 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 30 % | CLAY 0 % | MUD 50 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 38 | | | AFTER DREDGING 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 0.20 | TIME | 09:00 | MAX | 1.90 | TIME | 23:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | |
| WEATHER CONDITION | | WEATHER Weather Caused No Delay | | | TEMP (min/max) 34 °F / 60 °F | | VISIBILITY 5 MI | | WIND North @ 5 MPH | | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | | |
| ITEM | UNIT | | QUANTITY | | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | FT | | 420 | | | PUMPING OR DREDGING | | | | 17 | 50 | |
| TOTAL ADVANCE THIS PERIOD | FT | | 460 | | | PCT OF EFFECTIVE TIME 74% | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | FT | | 12,610 | | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | FT | | 13,070 | | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | NUMBER | | 0 | | | HANDLING PIPE LINES | | | | 0 | 30 | |
| AVERAGE LOAD PER SCOW | CY | | 0 | | | HANDLING ANCHOR LINES | | | | 0 | 30 | |
| FLOATING PIPE | 5,660 | SHORE PIPE | 1,000 | SUBMERGED PIPE 6,250 | | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | FT | | 12,910 | | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 | |
| CUBIC YARDS REMOVED | GROSS | | CREDITED | | | WAITING FOR SCOWS | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | 29,985 | | 27,259 | | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | 916,048 | | 832,771 | | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | 946,033 | | 860,030 | | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | 1,681.40 | | 1,528.54 | | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | |
| | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| COMMODITY | | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | |
| | | | | | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | |
| CONSUMED | | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | |
| | | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | |
| CREDITED | | | | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| | | | | | | FIRE DRILL | | | | 0 | 0 | |
| ITEM | UNIT | QUANTITY | | QUANTITY | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 10 | |
| FUEL | BBL | 4,368 | | 0 | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 1 | 40 | |
| ELECTRICITY | KW | 0 | | 0 | | TOTAL NON-EFFECTIVE TIME | | | | 2 | 50 | |
| LUBRICANTS | GAL | 24 | | 0 | | PCT. OF NON-EFFECTIVE 12% | | | | | | |
| MOB DATE 01/27/2020 | | DREDGE START 01/27/2020 | | DEMOB DATE | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 20 | 40 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. | | |
|--|----------------|---------------------------------------|-------|--|---------------|------------|-----|
| | | | | | Page 54 of 89 | | |
| CONTRACT NO. | | CONTRACT TITLE | | CONTRACTOR | | REPORT NO. | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | Mike Hooks, L.L.C | | 27 | |
| DREDGE | | Missouri H | | | | DATE | |
| | | | | | | 02/22/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | | HR | MIN |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | | 0 | 0 |
| Diesel | Ashley | 250 | 24:00 | CESSATION | | 0 | 0 |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | | 0 | 0 |
| | | | | MISCELLANEOUS | | 3 | 20 |
| | | | | TOTAL LOST TIME | | 3 | 20 |
| | | | | PERCENTAGE OF TOTAL TIME | | 14% | |
| | | | | TOTAL TIME IN PERIOD | | 24 | 0 |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). clear water flowing into the Weir.

MISC: (70%) 1:40 (re-chock the spuds

MISC: (0%) 0:40 (swap generators.

1:10 (replace pontoon gasket)

1:30 (replace bad pontoon and gasket).

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |
| | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 55 of 89 | |
|---|--|--|--------------|----------------------|---------------------------------------|--|------------------------------------|----------------------|--|---|------|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 28 | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE 02/23/2020 | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | | SHIFTS PER DAY 2 | | DAYS PER WEEK 7 | | | |
| | | SIZE | | HORSEPOWER | | NO. OF CREW MEMBERS | | | | | |
| PIPELINE | | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | |
| 8000 | | 0 | 4000 | 0 | 0 | 26 | 0 | 4 | 30 | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 272+35 to 276+70 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 28,356 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 974,389 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 30 % | CLAY 0 % | MUD 50 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 38 | | | AFTER DREDGING 42 | | | |
| RIVER/TIDE STAGE | | MIN | 0.80 | TIME | 11:00 | MAX | 2.20 | TIME | 23:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | |
| WEATHER CONDITION | | WEATHER Weather Caused No Delay | | | TEMP (min/max) 50 °F / 62 °F | | VISIBILITY 5 MI | | WIND Variable @ 5 MPH | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. |
| AVERAGE WIDTH OF CUT | | FT | | 420 | | PUMPING OR DREDGING | | | | 19 | 5 |
| TOTAL ADVANCE THIS PERIOD | | FT | | 435 | | PCT OF EFFECTIVE TIME 80% | | | | | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 13,070 | | BOOSTER (IN LINE) | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 13,505 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 1 | 55 |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 30 |
| FLOATING PIPE 4,520 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 8,250 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 13,770 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | | 28,356 | | 25,778 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 |
| AMOUNT PREVIOUSLY REPORTED | | 946,033 | | 860,030 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 |
| TOTAL AMOUNT DREDGED TO DATE | | 974,389 | | 885,808 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,485.90 | | 1,350.81 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 |
| COMMODITY | | CONSUMED | | CREDITED | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| ITEM | | UNIT | QUANTITY | QUANTITY | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 |
| FUEL | | BBL | 4,760 | 0 | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 |
| ELECTRICITY | | KW | 0 | 0 | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 |
| LUBRICANTS | | GAL | 48 | 0 | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 |
| MOB DATE | | DREDGE START | | DEMOB DATE | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 |
| 01/27/2020 | | 01/27/2020 | | | | FIRE DRILL | | | | 0 | 0 |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 35 |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 3 | 0 |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 12% | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 22 | 5 |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | PAGE NO. Page 56 of 89 | |
|---|----------------|---|-------|--|----|---------------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 28 | |
| DREDGE Missouri H | | | | | | DATE 02/23/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 1 | 55 | |
| | | | | TOTAL LOST TIME | 1 | 55 | |
| | | | | PERCENTAGE OF TOTAL TIME | 8% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). dirty water flowing into the Weir. (added 3 boards to each cell at the weir
MISC: (0%) 1:10 (swap generators.
0:45 (replace pontoon gasket)

| | | | | | | | |
|--------------------------------------|--|---|-------------|--|----------------------------------|--|-------------|
| CONTRACTOR CERTIFICATION | | 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. | | | | | |
| QC REPRESENTATIVE'S SIGNATURE | | | DATE | | SUPERINTENDENT'S INITIALS | | DATE |
| | | | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 57 of 89 | | |
|---|-----------|--|--------------|------------------|---|--|------------------------------------|----------------------|--|---|------|----|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 29 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | DATE 02/24/2020 | | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | SHIFTS PER DAY 2 | | | DAYS PER WEEK 7 | | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | | |
| PIPELINE | | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | | |
| 8000 | | 0 | 4000 | 0 | 0 | 27 | 0 | 4 | 31 | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 276+70 to 281+10 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 28,681 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 1,003,070 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 30 % | CLAY 0 % | MUD 50 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 38 | | | AFTER DREDGING 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 1.40 | TIME | 07:00 | MAX | 2.70 | TIME | 00:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | |
| WEATHER CONDITION | | WEATHER Weather Caused No Delay | | | TEMP (min/max) 52 °F / 66 °F | | VISIBILITY 4 MI | | WIND SE TO S @ 5 TO 10 MPH | | | |
| WORK PERFORMED | | | | | DISTRIBUTION OF WORK | | | | | | | |
| ITEM | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | FT | | 420 | | PUMPING OR DREDGING | | | | | 22 | 10 | |
| TOTAL ADVANCE THIS PERIOD | FT | | 440 | | PCT OF EFFECTIVE TIME 92% | | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | FT | | 13,505 | | BOOSTER (IN LINE) | | | | | | | |
| TOTAL ADVANCE TO DATE | FT | | 13,945 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | | |
| SCOWS LOADED | NUMBER | | 0 | | HANDLING PIPE LINES | | | | | 0 | 45 | |
| AVERAGE LOAD PER SCOW | CY | | 0 | | HANDLING ANCHOR LINES | | | | | 0 | 30 | |
| FLOATING PIPE | 4,420 | SHORE PIPE | 1,000 | SUBMERGED PIPE | | CLEARING PUMP AND PUMP LINES | | | | | 0 | 0 |
| | | | | 8,250 | | CLEARING CUTTER AND SUCTION HEAD | | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | FT | | 13,670 | | WAITING FOR SCOWS | | | | | 0 | 0 | |
| CUBIC YARDS REMOVED | GROSS | | CREDITED | | TO AND FROM WHARF OR ANCHORAGE | | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | 28,681 | | 26,074 | | CHANGING LOCATION OF PLANT ON JOB | | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | 974,389 | | 885,808 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | | 0 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | 1,003,070 | | 911,882 | | SHORE LINE AND SHORE WORK | | | | | 0 | 0 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | 1,293.88 | | 1,176.27 | | WAITING FOR BOOSTER | | | | | 0 | 0 | |
| OPERATING SUPPLIES | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | | 0 | 0 | |
| | | | | | WAITING FOR ATTENDANT PLANT | | | | | 0 | 0 | |
| COMMODITY | | | | | PREPARATION AND MAKING UP TOW | | | | | 0 | 0 | |
| | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | | 0 | 0 | |
| CONSUMED | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | | 0 | 0 | |
| | | | | | SUNDAYS AND HOLIDAYS | | | | | 0 | 0 | |
| CREDITED | | | | | FIRE DRILL | | | | | 0 | 0 | |
| | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | | 0 | 35 | |
| ITEM | UNIT | QUANTITY | | QUANTITY | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | | 0 | 0 |
| FUEL | BBL | 3,956 | | 0 | | TOTAL NON-EFFECTIVE TIME | | | | | 1 | 50 |
| ELECTRICITY | KW | 0 | | 0 | | PCT. OF NON-EFFECTIVE | | | | | 8% | |
| LUBRICANTS | GAL | 22 | | 0 | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | | 24 | 0 |
| MOB DATE 01/27/2020 | | DREDGE START 01/27/2020 | | DEMOB DATE | | | | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 58 of 89 | | |
|---|----------------|---|-------|--|---------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 29 | |
| DREDGE Missouri H | | | | | | DATE 02/24/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

No material build up inside the DA (Gaillard Island). no water flowing into the Weir. (added 3 boards to each cell at the weir On 02-23-2020.

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 59 of 89 | | |
|---|-----------|--|--------------|-------------------------|---------------------------------------|--|------------------------------------|----------------------|--|---|------|---|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 30 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | DATE 02/25/2020 | | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | SHIFTS PER DAY 2 | | | DAYS PER WEEK 7 | | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | | |
| PIPELINE | | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | | |
| 8000 | | 0 | 4000 | 0 | 0 | 27 | 0 | 4 | 31 | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 281+10 to 285+75 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 30,311 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 1,033,381 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 30 % | CLAY 0 % | MUD 50 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 38 | | | AFTER DREDGING 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 1.80 | TIME | 09:00 | MAX | 2.70 | TIME | 01:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | |
| WEATHER CONDITION | | WEATHER Weather Caused No Delay | | | TEMP (min/max) 52 °F / 66 °F | | VISIBILITY 4 MI | | WIND variable @ 5 to 10 MPH | | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | | |
| ITEM | UNIT | | QUANTITY | | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | FT | | 320 | | | PUMPING OR DREDGING | | | | 21 | 45 | |
| TOTAL ADVANCE THIS PERIOD | FT | | 465 | | | PCT OF EFFECTIVE TIME | | | | 91% | | |
| TOTAL ADVANCE PREVIOUSLY | FT | | 13,945 | | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | FT | | 14,410 | | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | NUMBER | | 0 | | | HANDLING PIPE LINES | | | | 0 | 50 | |
| AVERAGE LOAD PER SCOW | CY | | 0 | | | HANDLING ANCHOR LINES | | | | 0 | 40 | |
| FLOATING PIPE | 4,940 | SHORE PIPE | 1,000 | SUBMERGED PIPE 8,250 | | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | FT | | 14,190 | | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 | |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | 30,311 | | 27,556 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | | |
| AMOUNT PREVIOUSLY REPORTED | 1,003,070 | | 911,882 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | | |
| TOTAL AMOUNT DREDGED TO DATE | 1,033,381 | | 939,438 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 | | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | 1,393.61 | | 1,266.94 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | | |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | |
| | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| COMMODITY | | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | |
| | | | | | | CONSUMED | | | | CREDITED | | 0 |
| ITEM | UNIT | QUANTITY | | QUANTITY | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | |
| FUEL | BBL | 4,518 | | 0 | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | |
| ELECTRICITY | KW | 0 | | 0 | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | |
| LUBRICANTS | GAL | 30 | | 0 | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| MOB DATE 01/27/2020 | | DREDGE START 01/27/2020 | | DEMOB DATE | | FIRE DRILL | | | | 0 | 0 | |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 45 | |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 2 | 15 | |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 9% | | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 60 of 89 | | |
|---|----------------|---|-------|--|---------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 30 | |
| DREDGE Missouri H | | | | | | DATE 02/25/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

material from the discharge started flowing in the ditch to the left of the discharge inside the DA (Gaillard Island). Still dirty water flowing into the Weir. (added 1 board to each cell at the weir to stop the water flow.

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | | |
|--|--|--|------------------|----------------------|--------------------|---|--------------------------|----------------|---|--|------|--|
| | | | | | | | | | | Page 61 of 89 | | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 31 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | 02/26/2020 | | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | | |
| | | Missouri H | | | | 2 | | 7 | | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | |
| | | 8000 | 0 | 4000 | 0 | 0 | 27 | 0 | 4 | 31 | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | | |
| | | 285+75 to 290+35 | | | Gaillard Island | | 29,985 | | 1,063,366 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | | |
| | | 0 % | 30 % | 0 % | 50 % | 20 % | 0 % | 0 % | 0 % | 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | | AFTER DREDGING | | | | |
| | | | | | 38 | | | 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 0.70 | TIME | 02:00 | MAX | 2.40 | TIME | 00:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | | |
| | | Weather Caused No Delay | | | 39 °F / 61 °F | | 10 MI | | 15-20 NW MPH | | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | | FT | | 320 | | PUMPING OR DREDGING | | | | 19 | 30 | |
| TOTAL ADVANCE THIS PERIOD | | FT | | 460 | | PCT OF EFFECTIVE TIME | | | | 81% | | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 14,410 | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 14,870 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 0 | 0 | |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 40 | |
| FLOATING PIPE 5,420 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 8,250 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 55 | |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 14,670 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 25 | |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | | 29,985 | | 27,259 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | | 1,033,381 | | 939,438 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | | 1,063,366 | | 966,697 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,537.69 | | 1,397.90 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | |
| | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | |
| | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| | | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | |
| | | | | | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | |
| | | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | |
| | | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | |
| | | | | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| | | | | | | FIRE DRILL | | | | 0 | 0 | |
| FUEL | | BBL | | 5,052 | | MOVING OUT OF WAY OF TRAFFIC | | | | 2 | 30 | |
| ELECTRICITY | | KW | | 0 | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| LUBRICANTS | | GAL | | 30 | | TOTAL NON-EFFECTIVE TIME | | | | 4 | 30 | |
| MOB DATE | | DREDGE START | | DEMOB DATE | | PCT. OF NON-EFFECTIVE | | | | 19% | | |
| 01/27/2020 | | 01/27/2020 | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 62 of 89 | | |
|---|----------------|---|-------|--|---------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 31 | |
| DREDGE Missouri H | | | | | | DATE 02/26/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

material from the discharge started flowing in the ditch to the left of the discharge inside the DA (Gaillard Island). Still dirty water flowing into the Weir. (added 1 board to each cell at the weir to stop the water flow).

| | | | | | |
|--------------------------------------|--|---|----------------------------------|--|-------------|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | | DATE |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | | |
|--|--------------|--|----------------------|----------------------------------|--------------------|---|--------------------------|----------------|---|--|------|--|
| | | | | | | | | | | Page 63 of 89 | | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 32 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | 02/27/2020 | | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | | |
| | | Missouri H | | | | 2 | | 7 | | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | |
| | | 8000 | 0 | 4000 | 0 | 0 | 27 | 0 | 4 | 31 | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | | |
| | | 290+35 to 293+55 | | | Gaillard Island | | 20,859 | | 1,084,225 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | | |
| | | 0 % | 30 % | 0 % | 50 % | 20 % | 0 % | 0 % | 0 % | 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | | AFTER DREDGING | | | | |
| | | | | | 38 | | | 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 0.70 | TIME | 10:00 | MAX | 1.30 | TIME | 15:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | | |
| | | Weather Caused No Delay | | | 41 °F / 54 °F | | 10 MI | | 5-10 NW MPH | | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | | FT | | 320 | | PUMPING OR DREDGING | | | | 15 | 55 | |
| TOTAL ADVANCE THIS PERIOD | | FT | | 320 | | PCT OF EFFECTIVE TIME | | | | 66% | | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 14,870 | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 15,190 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 3 | 0 | |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 0 | |
| FLOATING PIPE 5,180 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 9,250 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 30 | |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 15,430 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 30 | |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 10 | |
| AMOUNT DREDGE THIS DATE | | 20,859 | | 18,963 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | | 1,063,366 | | 966,697 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | | 1,084,225 | | 985,660 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,310.51 | | 1,191.39 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | |
| COMMODITY | | CONSUMED | | CREDITED | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| ITEM | UNIT | QUANTITY | QUANTITY | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | | | |
| FUEL | BBL | 4,124 | 0 | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | | | |
| ELECTRICITY | KW | 0 | 0 | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | | | |
| LUBRICANTS | GAL | 324 | 0 | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | | | |
| MOB DATE | DREDGE START | DEMOMB DATE | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | | | | |
| 01/27/2020 | 01/27/2020 | | FIRE DRILL | | | | 0 | 0 | | | | |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 1 | 20 | |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 5 | 30 | |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 23% | | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 21 | 25 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. | | |
|--|----------------|---------------------------------------|-------|--|---------------|------------|-----|
| | | | | | Page 64 of 89 | | |
| CONTRACT NO. | | CONTRACT TITLE | | CONTRACTOR | | REPORT NO. | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | Mike Hooks, L.L.C | | 32 | |
| DREDGE | | Missouri H | | | | DATE | |
| | | | | | | 02/27/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | | HR | MIN |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | | 0 | 0 |
| Diesel | Ashley | 250 | 24:00 | CESSATION | | 0 | 0 |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | | 0 | 0 |
| | | | | MISCELLANEOUS | | 2 | 35 |
| | | | | TOTAL LOST TIME | | 2 | 35 |
| | | | | PERCENTAGE OF TOTAL TIME | | 11% | |
| | | | | TOTAL TIME IN PERIOD | | 24 | 0 |

QC NARRATIVE(S)

GENERAL COMMENTS

took 2 boards out of each cell from the weir box to let clean water out.
 MISC: 0% 2:35 due to not having the subline prep. and ready.

| | | | | | |
|--------------------------------------|--|---|----------------------------------|--|-------------|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | | DATE |
| | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 65 of 89 | | |
|---|--------------|--|--------------|-------------------------|---------------------------------------|--|------------------------------------|----------------------|--|---|------|----|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 33 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE 02/28/2020 | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | | SHIFTS PER DAY 2 | | DAYS PER WEEK 7 | | | | |
| | | SIZE | | HORSEPOWER | | NO. OF CREW MEMBERS | | | | | | |
| PIPELINE | | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | | |
| 8000 | | 0 | 4000 | 0 | 0 | 27 | 0 | 4 | 31 | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 293+55 to 297+55 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 19,556 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 1,103,781 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 30 % | CLAY 0 % | MUD 50 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 38 | | | AFTER DREDGING 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 0.70 | TIME | 10:00 | MAX | 1.30 | TIME | 15:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | |
| WEATHER CONDITION | | WEATHER Weather Caused No Delay | | | TEMP (min/max) 45 °F / 61 °F | | VISIBILITY 10 MI | | WIND 5-10 WNW-WSW MPH | | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | | |
| ITEM | UNIT | | QUANTITY | | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | FT | | 320 | | | PUMPING OR DREDGING | | | | 17 | 55 | |
| TOTAL ADVANCE THIS PERIOD | FT | | 400 | | | PCT OF EFFECTIVE TIME 75% | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | FT | | 15,190 | | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | FT | | 15,590 | | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | NUMBER | | 0 | | | HANDLING PIPE LINES | | | | 0 | 0 | |
| AVERAGE LOAD PER SCOW | CY | | 0 | | | HANDLING ANCHOR LINES | | | | 0 | 30 | |
| FLOATING PIPE | 5,180 | SHORE PIPE | 1,000 | SUBMERGED PIPE 9,250 | | | CLEARING PUMP AND PUMP LINES | | | | 0 | 30 |
| TOTAL LENGTH OF DISCHARGE PIPE | FT | | 15,430 | | | CLEARING CUTTER AND SUCTION HEAD | | | | 1 | 15 | |
| CUBIC YARDS REMOVED | GROSS | | CREDITED | | | WAITING FOR SCOWS | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | 19,556 | | 17,778 | | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | 1,084,225 | | 985,660 | | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | 1,103,781 | | 1,003,438 | | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | 1,091.50 | | 992.26 | | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | |
| COMMODITY | CONSUMED | | CREDITED | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| ITEM | UNIT | QUANTITY | | QUANTITY | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | |
| FUEL | BBL | 2,826 | | 0 | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | |
| ELECTRICITY | KW | 0 | | 0 | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | |
| LUBRICANTS | GAL | 0 | | 0 | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | |
| MOB DATE | DREDGE START | | DEMOB DATE | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| 01/27/2020 | 01/27/2020 | | | | | FIRE DRILL | | | | 0 | 0 | |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 0 | |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 2 | 15 | |
| | | | | | | PCT. OF NON-EFFECTIVE 9% | | | | | | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 20 | 10 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 66 of 89 | | |
|---|----------------|---|-------|--|---------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 33 | |
| DREDGE Missouri H | | | | | | DATE 02/28/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 3 | 50 | |
| | | | | TOTAL LOST TIME | 3 | 50 | |
| | | | | PERCENTAGE OF TOTAL TIME | 16% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

Monitored Gaillard Island DA (clear water going into the weir).
MISC: 0% 3:50 due to not having the subline prep. and ready.

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | | |
|--|--------------|--|------------------|-----------------------|----------------------|---|--------------------------|----------------|---|--|------|--|
| | | | | | | | | | | Page 67 of 89 | | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 34 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | 02/29/2020 | | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | | |
| | | Missouri H | | | | 2 | | 7 | | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | |
| | | 8000 | 0 | 4000 | 0 | 0 | 27 | 0 | 4 | 31 | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | | |
| | | 297+55 to 300+40 | | | Gaillard Island | | 13,933 | | 1,117,714 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | | |
| | | 0 % | 30 % | 0 % | 50 % | 20 % | 0 % | 0 % | 0 % | 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | | AFTER DREDGING | | | | |
| | | | | | 38 | | | 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 0.90 | TIME | 08:00 | MAX | 1.30 | TIME | 18:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | | |
| | | Weather Caused No Delay | | | 44 °F / 66 °F | | 10 MI | | 10 variable MPH | | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | | FT | | 320 | | PUMPING OR DREDGING | | | | 13 | 20 | |
| TOTAL ADVANCE THIS PERIOD | | FT | | 285 | | PCT OF EFFECTIVE TIME | | | | 56% | | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 15,590 | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 15,875 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 4 | 0 | |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 20 | |
| FLOATING PIPE 5,180 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 10,750 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 | |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 16,930 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 | |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | | 13,933 | | 12,667 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | | 1,103,781 | | 1,003,438 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | | 1,117,714 | | 1,016,105 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,044.98 | | 950.03 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | |
| COMMODITY | | CONSUMED | | CREDITED | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| ITEM | UNIT | QUANTITY | | QUANTITY | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | |
| FUEL | BBL | 5,416 | | 0 | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | |
| ELECTRICITY | KW | 0 | | 0 | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | |
| LUBRICANTS | GAL | 0 | | 0 | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | |
| MOB DATE | DREDGE START | | DEMOB DATE | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | | |
| 01/27/2020 | 01/27/2020 | | | | FIRE DRILL | | | | 0 | 0 | | |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 0 | |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 4 | 20 | |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 18% | | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 17 | 40 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 68 of 89 | | |
|---|----------------|---|-------|--|---------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 34 | |
| DREDGE Missouri H | | | | | | DATE 02/29/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 5 | 10 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 1 | 10 | |
| | | | | TOTAL LOST TIME | 6 | 20 | |
| | | | | PERCENTAGE OF TOTAL TIME | 26% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

Monitored Gaillard Island DA (clear water going into the weir).
MOR: 0% 00:55 replace cutter shaft bolts.
MOR: 0% 04:15 change head on main engine.
MISC: 0% 01:10 due to not having subline prep. and ready

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 69 of 89 | |
|---|-----------|--|--------------|------------------|--|------------------------------|------------------------------------|------------------|--|---|----|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 35 | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | DATE 03/01/2020 | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | SHIFTS PER DAY 2 | | DAYS PER WEEK 7 | | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | |
| PIPELINE | | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | |
| 8000 | | 0 | 4000 | 0 | 0 | 27 | 0 | 4 | 31 | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 300+40 to 305+70 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 25,911 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 1,143,625 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 30 % | CLAY 0 % | MUD 50 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 38 | | AFTER DREDGING 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 0.80 | TIME | 05:00 | MAX | 1.80 | TIME | 15:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | |
| WEATHER CONDITION | | WEATHER Weather Caused No Delay | | | TEMP (min/max) 59 °F / 67 °F | | VISIBILITY 10 MI | | WIND 10 S MPH | | |
| WORK PERFORMED | | | | | DISTRIBUTION OF WORK | | | | | | |
| ITEM | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | FT | | 320 | | PUMPING OR DREDGING | | | | 21 | 10 | |
| TOTAL ADVANCE THIS PERIOD | FT | | 530 | | PCT OF EFFECTIVE TIME 88% | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | FT | | 15,875 | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | FT | | 16,405 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 0 | 0 | |
| AVERAGE LOAD PER SCOW | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 25 | |
| FLOATING PIPE | 5,180 | SHORE PIPE | 1,000 | SUBMERGED PIPE | 10,750 | CLEARING PUMP AND PUMP LINES | | | | 0 | 25 |
| TOTAL LENGTH OF DISCHARGE PIPE | FT | | 16,930 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 20 | |
| CUBIC YARDS REMOVED | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | 25,911 | | 23,556 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | 1,117,714 | | 1,016,105 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | 1,143,625 | | 1,039,661 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | 1,224.14 | | 1,112.88 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | |
| OPERATING SUPPLIES | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | |
| | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | |
| | | | | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | |
| | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | |
| | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | |
| | | | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| | | | | | FIRE DRILL | | | | 0 | 0 | |
| FUEL | BBL | 3,154 | | 0 | MOVING OUT OF WAY OF TRAFFIC | | | | 1 | 40 | |
| ELECTRICITY | KW | 0 | | 0 | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| LUBRICANTS | GAL | 0 | | 0 | TOTAL NON-EFFECTIVE TIME | | | | 2 | 50 | |
| MOB DATE 01/27/2020 | | DREDGE START 01/27/2020 | | DEMOB DATE | | PCT. OF NON-EFFECTIVE 12% | | | | | |
| | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. | | |
|--|----------------|---------------------------------------|-------|--|---------------|------------|-----|
| | | | | | Page 70 of 89 | | |
| CONTRACT NO. | | CONTRACT TITLE | | CONTRACTOR | | REPORT NO. | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | Mike Hooks, L.L.C | | 35 | |
| DREDGE | | | | | | DATE | |
| Missouri H | | | | | | 03/01/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | | HR | MIN |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | | 0 | 0 |
| Diesel | Ashley | 250 | 24:00 | CESSATION | | 0 | 0 |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | | 0 | 0 |
| | | | | MISCELLANEOUS | | 0 | 0 |
| | | | | TOTAL LOST TIME | | 0 | 0 |
| | | | | PERCENTAGE OF TOTAL TIME | | 0% | |
| | | | | TOTAL TIME IN PERIOD | | 24 | 0 |

QC NARRATIVE(S)

GENERAL COMMENTS

Monitored Gaillard Island DA (Install 2 boards into each cell of the weir to stop dirty water from draining out of the DA.).

| | | | | | | | |
|--------------------------------------|--|---|--|----------------------------------|--|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | | SUPERINTENDENT'S INITIALS | | DATE | |
| | | | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 71 of 89 | |
|---|--|--|-----------------------|-----------------------|---------------------------------------|--|------------------------------------|----------------------|--|---|------|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 36 | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | DATE 03/02/2020 | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | SHIFTS PER DAY 2 | | | DAYS PER WEEK 7 | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | |
| | | PIPELINE 8000 | DIPPER OR BUCKET 0 | DREDGE PUMP 4000 | SUCTION PIPE JET 0 | CUTTER OR BUCKET 0 | DREDGE 27 | SHORE 0 | OTHER 4 | TOTAL 31 | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 305+70 to 310+90 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 25,422 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 1,169,047 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 30 % | CLAY 0 % | MUD 50 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 38 | | | AFTER DREDGING 42 | | | |
| RIVER/TIDE STAGE | | MIN | 0.90 | TIME | 03:00 | MAX | 2.30 | TIME | 16:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | |
| WEATHER CONDITION | | WEATHER Weather Caused No Delay | | | TEMP (min/max) 61 °F / 69 °F | | VISIBILITY 4 MI | | WIND S @ 10 to 15 to 10 MPH | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. |
| AVERAGE WIDTH OF CUT | | FT | | 320 | | PUMPING OR DREDGING | | | | 16 | 50 |
| TOTAL ADVANCE THIS PERIOD | | FT | | 520 | | PCT OF EFFECTIVE TIME 70% | | | | | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 16,405 | | BOOSTER (IN LINE) | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 16,925 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 1 | 30 |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 35 |
| FLOATING PIPE 5,980 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 10,750 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 40 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 17,730 | | CLEARING CUTTER AND SUCTION HEAD | | | | 1 | 5 |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | | 25,422 | | 23,111 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 |
| AMOUNT PREVIOUSLY REPORTED | | 1,143,625 | | 1,039,661 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 |
| TOTAL AMOUNT DREDGED TO DATE | | 1,169,047 | | 1,062,772 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,510.22 | | 1,372.93 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 |
| | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| COMMODITY | | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 |
| | | | | | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 |
| CONSUMED | | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 |
| | | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 |
| CREDITED | | | | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 |
| | | | | | | FIRE DRILL | | | | 0 | 0 |
| ITEM | | UNIT | | QUANTITY | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 30 |
| FUEL | | BBL | | 3,068 | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| ELECTRICITY | | KW | | 0 | | TOTAL NON-EFFECTIVE TIME | | | | 4 | 20 |
| LUBRICANTS | | GAL | | 10 | | PCT. OF NON-EFFECTIVE | | | | 18% | |
| MOB DATE 01/27/2020 | | DREDGE START 01/27/2020 | | DEMOB DATE | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 21 | 10 |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 72 of 89 | | |
|---|----------------|---|-------|--|---------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 36 | |
| DREDGE Missouri H | | | | | | DATE 03/02/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 2 | 50 | |
| | | | | TOTAL LOST TIME | 2 | 50 | |
| | | | | PERCENTAGE OF TOTAL TIME | 12% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

Monitored Gaillard Island DA (water not draining) will remove boards later.
 MISC: (0%) 0:30 REMOVE BAD PONTOON & 2:20 REPLACE 2 LEAKING PONTOON GASKETS .

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 73 of 89 | |
|---|--------------|--|----------------------|----------------------------------|--|--|------------------------------------|--------------------|--|---|---|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | | CONTRACTOR Mike Hooks, L.L.C | | | | REPORT NO. 37 | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE 03/03/2020 | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | | SHIFTS PER DAY 2 | | DAYS PER WEEK 7 | | | |
| | | SIZE | | HORSEPOWER | | NO. OF CREW MEMBERS | | | | | |
| PIPELINE | | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | |
| 8000 | | 0 | 4000 | 0 | 0 | 27 | 0 | 4 | 31 | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 310+90 to 316+00 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 24,933 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 1,193,980 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 30 % | CLAY 0 % | MUD 50 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 38 | | AFTER DREDGING 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 1.30 | TIME | 06:00 | MAX | 2.60 | TIME | 18:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | |
| WEATHER CONDITION | | WEATHER Weather Caused Non-Critical Delay | | | TEMP (min/max) 62 °F / 72 °F | | VISIBILITY 0.5 MI | | WIND S to WSW # 5 to 10 MPH | | |
| WORK PERFORMED | | | | | DISTRIBUTION OF WORK | | | | | | |
| ITEM | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | FT | | 320 | | PUMPING OR DREDGING | | | | 19 | 40 | |
| TOTAL ADVANCE THIS PERIOD | FT | | 510 | | PCT OF EFFECTIVE TIME 82% | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | FT | | 16,925 | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | FT | | 17,435 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 0 | 0 | |
| AVERAGE LOAD PER SCOW | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 20 | |
| FLOATING PIPE | 5,980 | SHORE PIPE | 1,000 | SUBMERGED PIPE | 10,750 | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | FT | | 17,730 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 35 | |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | 24,933 | | 22,667 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | 1,169,047 | | 1,062,772 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | 1,193,980 | | 1,085,439 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 1 | 40 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | 1,267.78 | | 1,152.56 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | |
| OPERATING SUPPLIES | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | |
| COMMODITY | | CONSUMED | | CREDITED | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| ITEM | UNIT | QUANTITY | QUANTITY | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | | |
| FUEL | BBL | 4,066 | 0 | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | | |
| ELECTRICITY | KW | 0 | 0 | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | | |
| LUBRICANTS | GAL | 10 | 0 | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | | |
| MOB DATE | DREDGE START | DEMOB DATE | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | | | |
| 01/27/2020 | 01/27/2020 | | FIRE DRILL | | | | 0 | 0 | | | |
| | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 25 | |
| | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| | | | | | TOTAL NON-EFFECTIVE TIME | | | | 3 | 0 | |
| | | | | | PCT. OF NON-EFFECTIVE 12% | | | | | | |
| | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 22 | 40 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 74 of 89 | | |
|---|----------------|---|-------|--|---------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 37 | |
| DREDGE Missouri H | | | | | | DATE 03/03/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 1 | 20 | |
| | | | | TOTAL LOST TIME | 1 | 20 | |
| | | | | PERCENTAGE OF TOTAL TIME | 6% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

Monitored Gaillard Island DA (clear water started draining from the DA.
MISC: (0%) 1:20 REPLACE LEAKING PONTOON GASKET.

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 75 of 89 | | |
|---|--------------|--|--------------|--------------------------|---------------------------------------|--|------------------------------------|--------------------|--|---|------|----|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 38 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | DATE 03/04/2020 | | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | SHIFTS PER DAY 2 | | | DAYS PER WEEK 7 | | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | | |
| PIPELINE | | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | | |
| 8000 | | 0 | 4000 | 0 | 0 | 31 | 0 | 4 | 35 | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 292+50 to 289+05 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 10,542 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 1,204,522 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 20 % | CLAY 0 % | MUD 60 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 39.50 | | AFTER DREDGING 42 | | | | | |
| RIVER/TIDE STAGE | | MIN | 1.20 | TIME | 06:00 | MAX | 1.70 | TIME | 01:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | |
| WEATHER CONDITION | | WEATHER Weather Caused Non-Critical Delay | | | TEMP (min/max) 58 °F / 68 °F | | VISIBILITY 1 MI | | WIND SE to NE @ 5 to 10 to 35 MPH | | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | | |
| ITEM | UNIT | | QUANTITY | | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | FT | | 420 | | | PUMPING OR DREDGING | | | | 6 | 10 | |
| TOTAL ADVANCE THIS PERIOD | FT | | 345 | | | PCT OF EFFECTIVE TIME | | | | 26% | | |
| TOTAL ADVANCE PREVIOUSLY | FT | | 17,435 | | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | FT | | 17,780 | | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | NUMBER | | 0 | | | HANDLING PIPE LINES | | | | 2 | 5 | |
| AVERAGE LOAD PER SCOW | CY | | 0 | | | HANDLING ANCHOR LINES | | | | 0 | 10 | |
| FLOATING PIPE | 4,820 | SHORE PIPE | 1,000 | SUBMERGED PIPE 10,750 | | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | FT | | 16,570 | | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 | |
| CUBIC YARDS REMOVED | GROSS | | CREDITED | | | WAITING FOR SCOWS | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | 10,542 | | 9,583 | | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | 1,193,980 | | 1,085,439 | | | CHANGING LOCATION OF PLANT ON JOB | | | | 1 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | 1,204,522 | | 1,095,022 | | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 8 | 0 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | 1,709.51 | | 1,554.00 | | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | |
| COMMODITY | CONSUMED | | CREDITED | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| ITEM | UNIT | QUANTITY | | QUANTITY | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 |
| FUEL | BBL | 2,870 | | 0 | | | PREPARATION AND MAKING UP TOW | | | | 3 | 15 |
| ELECTRICITY | KW | 0 | | 0 | | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 |
| LUBRICANTS | GAL | 10 | | 0 | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 |
| MOB DATE | DREDGE START | | DEMOB DATE | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| 01/27/2020 | 01/27/2020 | | | | | FIRE DRILL | | | | 0 | 0 | |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 1 | 20 | |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 2 | 0 | |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 17 | 50 | |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 74% | | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 76 of 89 | | |
|---|----------------|---|-------|--|---------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 38 | |
| DREDGE Missouri H | | | | | | DATE 03/04/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

Monitored Gaillard Island DA (clear water draining from the DA.
Weather delay: heavy fog in the morning and strong NE wind and rough during the night.

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 77 of 89 | | |
|---|-----------|--|--------------|------------------|---|--|------------------------------------|--------------------|--|---------------------------|---------------|-----------------|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 39 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | DATE 03/05/2020 | | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | SHIFTS PER DAY 2 | | | DAYS PER WEEK 7 | | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | | |
| PIPELINE | | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | | |
| 8000 | | 0 | 4000 | 0 | 0 | 27 | 0 | 4 | 31 | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 160+00 to 155+80 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 23,100 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 1,227,622 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 30 % | CLAY 0 % | MUD 50 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 37.50 | | AFTER DREDGING 42 | | | | | |
| RIVER/TIDE STAGE | | MIN | 1.30 | TIME | 07:00 | MAX | 2.10 | TIME | 19:00 | | GAGE LOCATION | Electronic Gage |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | | GAGE DATUM | MLLW |
| WEATHER CONDITION | | WEATHER Weather Caused Non-Critical Delay | | | TEMP (min/max) 49 °F / 66 °F | | VISIBILITY 3 MI | | WIND N 10 to 15 to 20 MPH | | | |
| WORK PERFORMED | | | | | DISTRIBUTION OF WORK | | | | | | | |
| ITEM | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | FT | | 420 | | PUMPING OR DREDGING | | | | | 13 | 20 | |
| TOTAL ADVANCE THIS PERIOD | FT | | 420 | | PCT OF EFFECTIVE TIME 56% | | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | FT | | 17,780 | | BOOSTER (IN LINE) | | | | | | | |
| TOTAL ADVANCE TO DATE | FT | | 18,200 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | | |
| SCOWS LOADED | NUMBER | | 0 | | HANDLING PIPE LINES | | | | | 0 | 0 | |
| AVERAGE LOAD PER SCOW | CY | | 0 | | HANDLING ANCHOR LINES | | | | | 0 | 20 | |
| FLOATING PIPE | 2,400 | SHORE PIPE | 1,000 | SUBMERGED PIPE | 1,000 | CLEARING PUMP AND PUMP LINES | | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | FT | | 4,400 | | CLEARING CUTTER AND SUCTION HEAD | | | | | 0 | 20 | |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | 23,100 | | 21,000 | | TO AND FROM WHARF OR ANCHORAGE | | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | 1,204,522 | | 1,095,022 | | CHANGING LOCATION OF PLANT ON JOB | | | | | 0 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | 1,227,622 | | 1,116,022 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | | 6 | 0 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | 1,732.50 | | 1,575.00 | | SHORE LINE AND SHORE WORK | | | | | 0 | 0 | |
| OPERATING SUPPLIES | | | | | WAITING FOR BOOSTER | | | | | 0 | 0 | |
| | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | | 0 | 0 | |
| | | | | | WAITING FOR ATTENDANT PLANT | | | | | 0 | 0 | |
| | | | | | PREPARATION AND MAKING UP TOW | | | | | 3 | 30 | |
| | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | | 0 | 0 | |
| | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | | 0 | 0 | |
| | | | | | SUNDAYS AND HOLIDAYS | | | | | 0 | 0 | |
| | | | | | FIRE DRILL | | | | | 0 | 0 | |
| FUEL | BBL | 3,048 | | 0 | MOVING OUT OF WAY OF TRAFFIC | | | | | 0 | 30 | |
| ELECTRICITY | KW | 0 | | 0 | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | | 0 | 0 | |
| LUBRICANTS | GAL | 54 | | 0 | TOTAL NON-EFFECTIVE TIME | | | | | 10 | 40 | |
| MOB DATE | | DREDGE START | | DEMOB DATE | | PCT. OF NON-EFFECTIVE 44% | | | | | | |
| 01/27/2020 | | 01/27/2020 | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | | 24 | 0 |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | PAGE NO. Page 78 of 89 | |
|---|----------------|---|-------|--|----|---------------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 39 | |
| DREDGE Missouri H | | | | | | DATE 03/05/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

Monitored Gaillard Island DA (clear water draining from the DA.
Weather delay: strong NE wind and rough seas during the early morning.

| | | | | | | | |
|--------------------------------------|--|---|-------------|--|----------------------------------|--|-------------|
| CONTRACTOR CERTIFICATION | | 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. | | | | | |
| QC REPRESENTATIVE'S SIGNATURE | | | DATE | | SUPERINTENDENT'S INITIALS | | DATE |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | |
|--|--|--|------------------|----------------------|--------------------|---|--------------------------|---------------|---|-------------------------------|------|
| | | | | | | | | | | Page 79 of 89 | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 40 | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | 03/06/2020 | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | |
| | | Missouri H | | | | 2 | | 7 | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | |
| | | 8000 | 0 | 4000 | 0 | 0 | 27 | 0 | 4 | 31 | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | |
| | | 155+80 to 150+80 | | | Gaillard Island | | 27,500 | | 1,255,122 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | |
| | | 0 % | 30 % | 0 % | 50 % | 20 % | 0 % | 0 % | 0 % | 0 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | 37.50 | | AFTER DREDGING | | |
| | | | | | | | | | 42 | | |
| RIVER/TIDE STAGE | | MIN | -0.10 | TIME | 11:00 | MAX | 1.60 | TIME | 18:00 | GAGE LOCATION Electronic Gage | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | |
| | | Weather Caused No Delay | | | 42 °F / 61 °F | | 4 MI | | N @ 15 to 20 MPH | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. |
| AVERAGE WIDTH OF CUT | | FT | | 420 | | PUMPING OR DREDGING | | | | 17 | 15 |
| TOTAL ADVANCE THIS PERIOD | | FT | | 500 | | PCT OF EFFECTIVE TIME | | | | 72% | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 18,200 | | BOOSTER (IN LINE) | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 18,700 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 0 | 0 |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 40 |
| FLOATING PIPE 2,400 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 1,000 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 4,400 | | CLEARING CUTTER AND SUCTION HEAD | | | | 5 | 10 |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | | 27,500 | | 25,000 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 |
| AMOUNT PREVIOUSLY REPORTED | | 1,227,622 | | 1,116,022 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 |
| TOTAL AMOUNT DREDGED TO DATE | | 1,255,122 | | 1,141,022 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,594.20 | | 1,449.28 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 |
| | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 |
| | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| | | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 |
| | | | | | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 |
| | | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 |
| | | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 |
| | | | | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 |
| | | | | | | FIRE DRILL | | | | 0 | 0 |
| FUEL | | BBL | | 3,291 | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 35 |
| ELECTRICITY | | KW | | 0 | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| LUBRICANTS | | GAL | | 10 | | TOTAL NON-EFFECTIVE TIME | | | | 6 | 25 |
| MOB DATE | | DREDGE START | | DEMOB DATE | | PCT. OF NON-EFFECTIVE | | | | 27% | |
| 01/27/2020 | | 01/27/2020 | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 23 | 40 |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 80 of 89 | | |
|---|----------------|---|-------|--|---------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 40 | |
| DREDGE Missouri H | | | | | | DATE 03/06/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 20 | |
| | | | | TOTAL LOST TIME | 0 | 20 | |
| | | | | PERCENTAGE OF TOTAL TIME | 1% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

Monitored Gaillard Island DA (clear water draining from the DA.
 MISC: (0%) 0:20 REPLACE PRESSURE SWITCH ON CUTTER GEAR BOX OIL PUMP.

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. | |
|--|------|--|------------------|----------------------|--------------------|---|--------------------------|----------------|---|------------------------------------|------|
| | | | | | | | | | | Page 81 of 89 | |
| CONTRACT NO. | | CONTRACT TITLE | | | CONTRACTOR | | | REPORT NO. | | | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | | Mike Hooks, L.L.C | | | 41 | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE | | 03/07/2020 | |
| DREDGE | | NAME AND TYPE | | | | SHIFTS PER DAY | | DAYS PER WEEK | | | |
| | | Missouri H | | | | 2 | | 7 | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | |
| | | PIPELINE | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | |
| | | 8000 | 0 | 4000 | 0 | 0 | 27 | 0 | 4 | 31 | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION | | | DISPOSAL AREA USED | | QTY DEPOSITED GROSS (CY) | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) | | |
| | | 150+80 to 144+50 | | | Gaillard Island | | 41,067 | | 1,296,189 | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL | SAND | CLAY | MUD | SILT | HARDPAN | STONE | SHELL | OTHER | |
| | | 0 % | 30 % | 0 % | 50 % | 20 % | 0 % | 0 % | 0 % | 0 % | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING | | | AFTER DREDGING | | | |
| | | | | | 38 | | | 42 | | | |
| RIVER/TIDE STAGE | | MIN | -0.60 | TIME | 08:00 | MAX | 1.30 | TIME | 21:00 | GAGE LOCATION | |
| | | | | 0 | 00:00 | 0 | 00:00 | | | Electronic Gage (Dog River Bridge) | |
| WEATHER CONDITION | | WEATHER | | | TEMP (min/max) | | VISIBILITY | | WIND | | |
| | | Weather Caused No Delay | | | 49 °F / 59 °F | | 5 MI | | NNE to E 15 to 10 MPH | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. |
| AVERAGE WIDTH OF CUT | | FT | | 400 | | PUMPING OR DREDGING | | | | 22 | 50 |
| TOTAL ADVANCE THIS PERIOD | | FT | | 630 | | PCT OF EFFECTIVE TIME | | | | 95% | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 18,700 | | BOOSTER (IN LINE) | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 19,330 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 0 | 5 |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 40 |
| FLOATING PIPE 2,400 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 1,000 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 4,400 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 25 |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 |
| AMOUNT DREDGE THIS DATE | | 41,067 | | 37,333 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 |
| AMOUNT PREVIOUSLY REPORTED | | 1,255,122 | | 1,141,022 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 |
| TOTAL AMOUNT DREDGED TO DATE | | 1,296,189 | | 1,178,355 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,798.55 | | 1,635.02 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 |
| COMMODITY | | CONSUMED | | CREDITED | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| ITEM | UNIT | QUANTITY | | QUANTITY | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 |
| FUEL | BBL | 4,384 | | 0 | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 |
| ELECTRICITY | KW | 0 | | 0 | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 |
| LUBRICANTS | GAL | 108 | | 0 | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 |
| MOB DATE | | DREDGE START | | DEMOB DATE | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 |
| 01/27/2020 | | 01/27/2020 | | | | FIRE DRILL | | | | 0 | 0 |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 0 | 0 |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 1 | 10 |
| | | | | | | PCT. OF NON-EFFECTIVE | | | | 5% | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | PAGE NO. Page 82 of 89 | |
|--|----------------|---|-------------|--|----------------------------------|---------------------------|-------------|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 41 | |
| DREDGE Missouri H | | DATE 03/07/2020 | | | | | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |
| QC NARRATIVE(S) GENERAL COMMENTS Monitored Gaillard Island DA (clear water draining from the DA. | | | | | | | |
| CONTRACTOR CERTIFICATION | | 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. | | | | | |
| QC REPRESENTATIVE'S SIGNATURE | | | DATE | | SUPERINTENDENT'S INITIALS | | DATE |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 83 of 89 | | |
|---|--------|--|--------------|-------------------------|---------------------------------------|--|------------------------------------|----------------------|--|---|------|---|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 42 | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | DATE 03/08/2020 | | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | SHIFTS PER DAY 2 | | | DAYS PER WEEK 7 | | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | | |
| PIPELINE | | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | | |
| 8000 | | 0 | 4000 | 0 | 0 | 27 | 0 | 4 | 31 | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 144+50 to 140+05 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 29,007 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 1,325,196 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 20 % | CLAY 0 % | MUD 50 % | SILT 30 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 38 | | | AFTER DREDGING 42 | | | | |
| RIVER/TIDE STAGE | | MIN | 0 | TIME | 08:00 | MAX | 1.80 | TIME | 23:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLW | | |
| WEATHER CONDITION | | WEATHER Weather Caused No Delay | | | TEMP (min/max) 56 °F / 63 °F | | VISIBILITY 4 MI | | WIND E TO ESE 10 TO 15 MPH | | | |
| WORK PERFORMED | | | | | | DISTRIBUTION OF WORK | | | | | | |
| ITEM | UNIT | | QUANTITY | | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | FT | | 400 | | | PUMPING OR DREDGING | | | | 19 | 45 | |
| TOTAL ADVANCE THIS PERIOD | FT | | 445 | | | PCT OF EFFECTIVE TIME 82% | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | FT | | 19,330 | | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | FT | | 19,775 | | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | NUMBER | | 0 | | | HANDLING PIPE LINES | | | | 1 | 25 | |
| AVERAGE LOAD PER SCOW | CY | | 0 | | | HANDLING ANCHOR LINES | | | | 0 | 40 | |
| FLOATING PIPE | 1,480 | SHORE PIPE | 1,000 | SUBMERGED PIPE 2,500 | | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 |
| TOTAL LENGTH OF DISCHARGE PIPE | FT | | 4,980 | | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 15 | |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | | 29,007 | | 26,370 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | | 1,296,189 | | 1,178,355 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | | 1,325,196 | | 1,204,725 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,468.71 | | 1,335.19 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | |
| OPERATING SUPPLIES | | | | | | WAITING FOR BOOSTER | | | | 0 | 0 | |
| | | | | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| COMMODITY | | | | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | |
| | | | | | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | |
| CONSUMED | | | | | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | |
| | | | | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | |
| CREDITED | | | | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| | | | | | | FIRE DRILL | | | | 0 | 0 | |
| ITEM | UNIT | QUANTITY | | QUANTITY | | MOVING OUT OF WAY OF TRAFFIC | | | | 1 | 35 | |
| FUEL | BBL | 3,688 | | 0 | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| ELECTRICITY | KW | 0 | | 0 | | TOTAL NON-EFFECTIVE TIME | | | | 3 | 55 | |
| LUBRICANTS | GAL | 10 | | 0 | | PCT. OF NON-EFFECTIVE 16% | | | | | | |
| MOB DATE 01/27/2020 | | DREDGE START 01/27/2020 | | DEMOB DATE | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 23 | 40 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 84 of 89 | | |
|---|----------------|---|-------|--|---------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 42 | |
| DREDGE Missouri H | | | | | | DATE 03/08/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 20 | |
| | | | | TOTAL LOST TIME | 0 | 20 | |
| | | | | PERCENTAGE OF TOTAL TIME | 1% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

Monitored Gaillard Island DA (clear water draining from the DA.
MISC: (0%) 0:20 Replace pontoon gasket.

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 85 of 89 | | | |
|---|-----------|--|--------------|-------------------------|--|---|--|----------------------|--|---|------|----|----|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | CONTRACTOR Mike Hooks, L.L.C | | | REPORT NO. 43 | | | | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | DATE 03/09/2020 | | | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | SHIFTS PER DAY 2 | | | DAYS PER WEEK 7 | | | | | |
| | | SIZE | | HORSEPOWER | | | NO. OF CREW MEMBERS | | | | | | |
| PIPELINE | | DIPPER OR BUCKET | DREDGE PUMP | SUCTION PIPE JET | CUTTER OR BUCKET | DREDGE | SHORE | OTHER | TOTAL | | | | |
| 8000 | | 0 | 4000 | 0 | 0 | 27 | 0 | 4 | 31 | | | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 140+05 to 133+80 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 40,741 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 1,365,937 | | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 30 % | CLAY 0 % | MUD 50 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 38 | | | AFTER DREDGING 42 | | | | | |
| RIVER/TIDE STAGE | | MIN | 0.70 | TIME | 08:00 | MAX | 2.10 | TIME | 23:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | | |
| WEATHER CONDITION | | WEATHER Weather Caused No Delay | | | TEMP (min/max) 62 °F / 67 °F | | VISIBILITY 5 MI | | WIND E @ 10 to 15 MPH | | | | |
| WORK PERFORMED | | | | | DISTRIBUTION OF WORK | | | | | | | | |
| ITEM | UNIT | | QUANTITY | | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | | |
| AVERAGE WIDTH OF CUT | FT | | 400 | | | PUMPING OR DREDGING | | | | 21 | 20 | | |
| TOTAL ADVANCE THIS PERIOD | FT | | 625 | | | PCT OF EFFECTIVE TIME 89% | | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | FT | | 19,775 | | | BOOSTER (IN LINE) | | | | | | | |
| TOTAL ADVANCE TO DATE | FT | | 20,400 | | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | | |
| SCOWS LOADED | NUMBER | | 0 | | | HANDLING PIPE LINES | | | | 0 | 30 | | |
| AVERAGE LOAD PER SCOW | CY | | 0 | | | HANDLING ANCHOR LINES | | | | 0 | 40 | | |
| FLOATING PIPE | 1,800 | SHORE PIPE | 1,000 | SUBMERGED PIPE 2,500 | | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 | |
| TOTAL LENGTH OF DISCHARGE PIPE | FT | | 5,300 | | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 0 | | |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | | WAITING FOR SCOWS | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | 40,741 | | 37,037 | | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | | |
| AMOUNT PREVIOUSLY REPORTED | 1,325,196 | | 1,204,725 | | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | | |
| TOTAL AMOUNT DREDGED TO DATE | 1,365,937 | | 1,241,762 | | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 | | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | 1,909.73 | | 1,736.11 | | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | | |
| OPERATING SUPPLIES | | | | | WAITING FOR BOOSTER | | | | | | | 0 | 0 |
| COMMODITY | | CONSUMED | | CREDITED | | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| ITEM | UNIT | QUANTITY | | QUANTITY | | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | |
| FUEL | BBL | 4,306 | | 0 | | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | |
| ELECTRICITY | KW | 0 | | 0 | | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | |
| LUBRICANTS | GAL | 54 | | 0 | | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | |
| MOB DATE | | DREDGE START | | DEMOB DATE | | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| 01/27/2020 | | 01/27/2020 | | | | | FIRE DRILL | | | | 0 | 0 | |
| | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | | | | 1 | 20 |
| | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | | | | 0 | 0 |
| | | | | | TOTAL NON-EFFECTIVE TIME | | | | | | | 2 | 30 |
| | | | | | PCT. OF NON-EFFECTIVE 10% | | | | | | | | |
| | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | | | | 23 | 50 |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. | | |
|--|----------------|---------------------------------------|-------|--|---------------|------------|-----|
| | | | | | Page 86 of 89 | | |
| CONTRACT NO. | | CONTRACT TITLE | | CONTRACTOR | | REPORT NO. | |
| W9127819D0034 W9127819F0348 | | Maintenance Dredging of Mobile Harbor | | Mike Hooks, L.L.C | | 43 | |
| DREDGE | | Missouri H | | | | DATE | |
| | | | | | | 03/09/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | | HR | MIN |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | | 0 | 0 |
| Diesel | Ashley | 250 | 24:00 | CESSATION | | 0 | 0 |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | | 0 | 0 |
| | | | | MISCELLANEOUS | | 0 | 10 |
| | | | | TOTAL LOST TIME | | 0 | 10 |
| | | | | PERCENTAGE OF TOTAL TIME | | 1% | |
| | | | | TOTAL TIME IN PERIOD | | 24 | 0 |

QC NARRATIVE(S)

GENERAL COMMENTS

Monitored Gaillard Island DA (clear water draining from the DA.
MISC: (0%) 0:10 work on swing break.

| | | | | | | | |
|--------------------------------------|--|---|--|----------------------------------|--|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | | SUPERINTENDENT'S INITIALS | | DATE | |
| | | | | | | | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | | | | | | PAGE NO. Page 87 of 89 | | |
|---|--|--|-----------------------|----------------------|---------------------------------------|--|------------------------------------|--------------------|--|---|------|---|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | | | CONTRACTOR Mike Hooks, L.L.C | | | | REPORT NO. 44 | | |
| CHARACTER OF REPORT | | <input checked="" type="checkbox"/> MAINTENANCE <input type="checkbox"/> NEW WORK <input type="checkbox"/> ENVIRONMENTAL | | | | | | DATE 03/10/2020 | | | | |
| DREDGE | | NAME AND TYPE Missouri H | | | | SHIFTS PER DAY 2 | | DAYS PER WEEK 7 | | | | |
| | | SIZE | | HORSEPOWER | | NO. OF CREW MEMBERS | | | | | | |
| | | PIPELINE 8000 | DIPPER OR BUCKET 0 | DREDGE PUMP 4000 | SUCTION PIPE JET 0 | CUTTER OR BUCKET 0 | DREDGE 27 | SHORE 0 | OTHER 4 | TOTAL 31 | | |
| LOCATION/CHANNEL OF WORK | | | | | | | | | | | | |
| LOCATION OF WORK | | REACH DREDGED; STATION TO STATION 133+80 to 127+65 | | | DISPOSAL AREA USED Gaillard Island | | QTY DEPOSITED GROSS (CY) 38,133 | | CUMMULATIVE AND QTY DEPOSIT FOR DA (CY) 1,404,070 | | | |
| CHARACTER OF MATERIAL (%) | | GRAVEL 0 % | SAND 30 % | CLAY 0 % | MUD 50 % | SILT 20 % | HARDPAN 0 % | STONE 0 % | SHELL 0 % | OTHER 0 % | | |
| CHANNEL CONDITION | | AVERAGE DEPTH | | | BEFORE DREDGING 38 | | AFTER DREDGING 42 | | | | | |
| RIVER/TIDE STAGE | | MIN | 0.80 | TIME | 10:00 | MAX | 2.10 | TIME | 01:00 | GAGE LOCATION Electronic Gage (Dog River Bridge) | | |
| | | MIN | 0 | TIME | 00:00 | MAX | 0 | TIME | 00:00 | GAGE DATUM MLLW | | |
| WEATHER CONDITION | | WEATHER Weather Caused No Delay | | | TEMP (min/max) 60 °F / 68 °F | | VISIBILITY 5 MI | | WIND S @ 5 to 10 MPH | | | |
| WORK PERFORMED | | | | | DISTRIBUTION OF WORK | | | | | | | |
| ITEM | | UNIT | | QUANTITY | | EFFECTIVE WORKING TIME (CHARGEABLE TO COST OF WORK) | | | | HR. | MIN. | |
| AVERAGE WIDTH OF CUT | | FT | | 400 | | PUMPING OR DREDGING | | | | 21 | 20 | |
| TOTAL ADVANCE THIS PERIOD | | FT | | 585 | | PCT OF EFFECTIVE TIME 89% | | | | | | |
| TOTAL ADVANCE PREVIOUSLY | | FT | | 20,400 | | BOOSTER (IN LINE) | | | | | | |
| TOTAL ADVANCE TO DATE | | FT | | 20,985 | | NON-EFFECTIVE WORKING TIME (CHARGEABLE COST OF WORK) | | | | | | |
| SCOWS LOADED | | NUMBER | | 0 | | HANDLING PIPE LINES | | | | 0 | 30 | |
| AVERAGE LOAD PER SCOW | | CY | | 0 | | HANDLING ANCHOR LINES | | | | 0 | 50 | |
| FLOATING PIPE 2,960 | | SHORE PIPE 1,000 | | SUBMERGED PIPE 2,500 | | CLEARING PUMP AND PUMP LINES | | | | 0 | 0 | |
| TOTAL LENGTH OF DISCHARGE PIPE | | FT | | 6,460 | | CLEARING CUTTER AND SUCTION HEAD | | | | 0 | 10 | |
| CUBIC YARDS REMOVED | | GROSS | | CREDITED | | WAITING FOR SCOWS | | | | 0 | 0 | |
| AMOUNT DREDGE THIS DATE | | 38,133 | | 34,667 | | TO AND FROM WHARF OR ANCHORAGE | | | | 0 | 0 | |
| AMOUNT PREVIOUSLY REPORTED | | 1,365,937 | | 1,241,762 | | CHANGING LOCATION OF PLANT ON JOB | | | | 0 | 0 | |
| TOTAL AMOUNT DREDGED TO DATE | | 1,404,070 | | 1,276,429 | | LOSS DUE TO OPPOSING NATURAL ELEMENTS | | | | 0 | 0 | |
| AMOUNT DREDGED PER PUMPING/CUTTING HR | | 1,787.48 | | 1,625.02 | | SHORE LINE AND SHORE WORK | | | | 0 | 0 | |
| OPERATING SUPPLIES | | | | | WAITING FOR BOOSTER | | | | | | 0 | 0 |
| COMMODITY | | CONSUMED | | CREDITED | | MINOR OPERATING REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| ITEM | | UNIT | | QUANTITY | | WAITING FOR ATTENDANT PLANT | | | | 0 | 0 | |
| FUEL | | BBL | | 4,682 | | PREPARATION AND MAKING UP TOW | | | | 0 | 0 | |
| ELECTRICITY | | KW | | 0 | | TRANSFERRING PLANT BETWEEN WORKS | | | | 0 | 0 | |
| LUBRICANTS | | GAL | | 54 | | LAY TIME OFF SHIFT AND SATURDAYS | | | | 0 | 0 | |
| MOB DATE | | DREDGE START | | DEMOB DATE | | SUNDAYS AND HOLIDAYS | | | | 0 | 0 | |
| 01/27/2020 | | 01/27/2020 | | | | FIRE DRILL | | | | 0 | 0 | |
| | | | | | | MOVING OUT OF WAY OF TRAFFIC | | | | 1 | 10 | |
| | | | | | | MISCELLANEOUS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
| | | | | | | TOTAL NON-EFFECTIVE TIME | | | | 2 | 40 | |
| | | | | | | PCT. OF NON-EFFECTIVE 11% | | | | | | |
| | | | | | | TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK) | | | | 24 | 0 | |

| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | | | PAGE NO. Page 88 of 89 | | |
|---|----------------|---|-------|--|---------------------------|--------------------|--|
| CONTRACT NO. W9127819D0034 W9127819F0348 | | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | | CONTRACTOR Mike Hooks, L.L.C | | REPORT NO. 44 | |
| DREDGE Missouri H | | | | | | DATE 03/10/2020 | |
| ATTENDANT PLANT | | | | LOST TIME (NOT CHARGEABLE TO COST OF WORK) | | | |
| ITEM | NAME OR NUMBER | H.P. | HOURS | | HR | MIN | |
| Diesel | Arthur | 500 | 24:00 | MAJOR REPAIRS | 0 | 0 | |
| Diesel | Ashley | 250 | 24:00 | CESSATION | 0 | 0 | |
| Diesel | Grayson Allen | 600 | 24:00 | COLLISIONS | 0 | 0 | |
| | | | | MISCELLANEOUS | 0 | 0 | |
| | | | | TOTAL LOST TIME | 0 | 0 | |
| | | | | PERCENTAGE OF TOTAL TIME | 0% | | |
| | | | | TOTAL TIME IN PERIOD | 24 | 0 | |

QC NARRATIVE(S)

GENERAL COMMENTS

Monitored Gaillard Island DA (clear water draining from the DA.

| | | | | | |
|--------------------------------------|--|---|----------------------------------|-------------|--|
| CONTRACTOR CERTIFICATION | | 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. | | | |
| QC REPRESENTATIVE'S SIGNATURE | | DATE | SUPERINTENDENT'S INITIALS | DATE | |

| | | | |
|--|--|--|----------------------------------|
| QUALITY CONTROL REPORT-BUCKET/PIPELINE | | | PAGE NO. Page 89 of 89 |
| CONTRACT NO. W9127819D0034 W9127819F0348 | CONTRACT TITLE Maintenance Dredging of Mobile Harbor | CONTRACTOR Mike Hooks, L.L.C | REPORT NO. 44 |

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