

Recipient: Marinette, WI
Report Date: 9-30-2014

Grant Type: Intergovernmental Agreement-WDNR
For Harbor Dredging

**City of Marinette, Wisconsin – Menekaunee Harbor
Quarterly Report #9
Intergovernmental Agreement for Contaminated Sediment Removal
WDNR PO#: 9BME0000007
Great Lakes Restoration Initiative Grant
WDNR PO#: 9DMA0000117 – EPA Grant #: GL-00E01312-0
Quarter Ending September 30, 2014**

Submitted October 2, 2014

Main Project Contact & Submittal By;
Brian Miller – Director of Public Works
1905 Hall Avenue
Marinette, Wisconsin 54143-1716
Phone: (715) 732-5135 Fax: (715) 735-9419
Email: bmiller@marinette.wi.us

Characterization of Grant (#PO-9BME0000007)

This Grant is an intergovernmental Agreement between the Wisconsin Department of Natural Resources (WDNR) and the City of Marinette, Wisconsin. In a cooperative effort with members of the WDNR, the City will utilize this funding to assist in the remediation of the contaminated sediment and restoration of the Menekaunee Harbor basin.

Menekaunee Harbor is an approximate 13 acre natural embayment located near the mouth of the Menominee River which current analysis indicates has accumulated over 56,000 cubic yards of sediment. This sediment accumulation has limited both harbor access and use of the embayment for recreational boating and fishing and the contaminants within the sediment have negatively impacted the aquatic ecosystem and degraded surrounding wetlands.

Historic sediment sampling conducted by both the City, U.S. EPA, and the WDNR has documented an array of contaminants including heavy metals, PAHs, and low-level PCBs. The embayment is a critical feeding and breeding sanctuary for migratory birds and game fish and lies within the Lower Menominee River Area of Concern (AOC), a State, Federal, and internationally recognized restoration priority within the Great Lakes Basin. The City and the WDNR have entered into this agreement to mitigate these concerns and properly address the accumulation of contaminated sediments which threaten the future delisting of the AOC and U.S. EPA Great Lakes Restoration Action Plan.

Project Period: 9/14/2011 – 12/30/2012 A formal request for grant extension was submitted in 2012 and granted by WDNR. The new project period is: 9/14/2011 to 12/31/2015.

LN: 01
FUND: 495
AGENCY: 370
ORG/SUB: WTAD/
FISCAL YEAR: 16
APPROPRIATION CODE: T G1

Recipient: Marinette, WI
Report Date: 9-30-2014

Grant Type: Intergovernmental Agreement-WDNR
For Harbor Dredging

ACTV: WTZY
OBJ/SUB: 5100/
JOB NUM: 96001G16
VENDER#: M38251
COMMODITY CODE: 926-94-00-0000

Characterization of Grant (WDNR PO#: 9DMA0000117 – EPA Grant #: GL-00E01312-0)

This Grant is an intergovernmental Agreement between the Wisconsin Department of Natural Resources (WDNR) and the City of Marinette, Wisconsin. In a cooperative effort with members of the U.S. EPA & WDNR, the City will utilize this funding to assist in the remediation of the contaminated sediment and restoration of the Menekaunee Harbor basin.

Sediment quality in the Harbor is degraded, and continuing sediment deposition in the Harbor has a negative impact on the health and functionality of the aquatic ecosystem, including the movement, chemical partitioning, and biological fate of contaminants and nutrients. Much of the Harbor's shoreline protection consists of dilapidated vertical wooden seawalls. Fish and wildlife in the Harbor is degraded by invasive plant species, contaminated sediment and excessive sedimentation.

The purpose of implementing this plan is to restore Menekaunee Harbor by improving sediment quality, providing additional fish and wildlife habitat, and increasing human recreational and economic opportunities around the Harbor. Project completion will result in notable progress towards removing four of the remaining five BUIs in the Menominee River AOC.

A. Marinette Project Characterization

- Historic Information
 - The City established a formal contract with a Ayres & Associates on July 3, 2013, the planning and design commenced shortly thereafter and through close coordination with the U.S. EPA and WDNR Plans and Specifications per prepared for the remediation portion of the Harbor restoration.
 - For further historical background please view the previous 8 quarterly reports for the planning and design portion of this project.
- Current Information
 - Plans and specifications for the seawall and dredging design were published and advertised per requirements and bids were received on July 18th, 2014. The contractor who was awarded a contract was Severson Environmental Services, Inc.
 - QAPP / Sediment Management plan prepared by Ayres & Associates and is being finalized by WDNR, City of Marinette, and Robert E. Lee & Associates, Inc. This document is nearing completion and is approximately 98% complete.
 - Ecological restoration design continues through this reporting period; 85% complete and is anticipated to be completed in December 2014 with the plans and specifications for this work being let out to a contractor in January 2015, with a spring of 2015 construction time frame.
 - Contractor mobilized to site and began project operations on August 12, 2014.
 - Contractor cleared and grubbed vegetative growth from the existing shorelines around the Harbor.

Recipient: Marinette, WI

Report Date: 9-30-2014

Grant Type: Intergovernmental Agreement-WDNR
For Harbor Dredging

- o Contractor installed the shore line portion of the proposed sheet pile wall near sections #5 & 6 within the plans. The contractor halted operations after the constructability of the concrete anchor wall was questioned. The contractor proposed utilizing an alternate anchoring system utilizing sheet piles, and this option was discussed and the City and WDNR were in concurrence to utilize this alternate system, and change order #1 was created.
- o Lot #24 containment site was prepared and has received Navigational dredged material.
- o Contractor removed Environmental dredging sediments from within the Harbor.
- o Contractor removed Navigational dredging sediments from within the Harbor.

B. Project Schedule and Budget Status

Grant (#PO-9BME0000007)

B.1 Schedule/Percent Completed: 56%

B.2 Funds Expended to Date: \$976,241.95

Grant (WDNR PO#: 9DMA0000117 – EPA Grant #: GL-00E01312-0)

B.2 Schedule/Percent Completed: 0%

B.2 Funds Expended to Date: \$0.00

2014 Menekaunee Harbor Improvements Project Construction Schedule

B.3 Schedule/Percent Completed: 35%

On schedule per the updated contractor schedule submitted on 9/25/14. See attached Schedule.

2015 Menekaunee Harbor Ecological Restoration Project Design Schedule

B.3 Schedule/Percent Completed: 85%

2015 Menekaunee Harbor Ecological Restoration Project Construction Schedule

B.3 Schedule/Percent Completed: 0%

Reporting Summary Checklist

Work Plan Activities	Deliverables	To Be Completed By	Progress (% Complete)
Quarterly Reports (based on 14 quarterlies)	Prepare and Submit Quarterly	Quarterly	(64%)
Process Dredging Construction Pay Requests (Based on 5 pay requests)	Review and Submit Monthly Construction Pay Requests	Monthly	(20%)
Dredging Construction Meeting Minutes	Summary	On-going	(25%)
Closeout Documentation	Final Report, Final Reimbursement Requests	On or before December 2015	(0%)

Recipient: Marinette, WI
Report Date: 9-30-2014

Grant Type: Intergovernmental Agreement-WDNR
For Harbor Dredging

C. Budget:

Grant (#PO-9BME0000007)

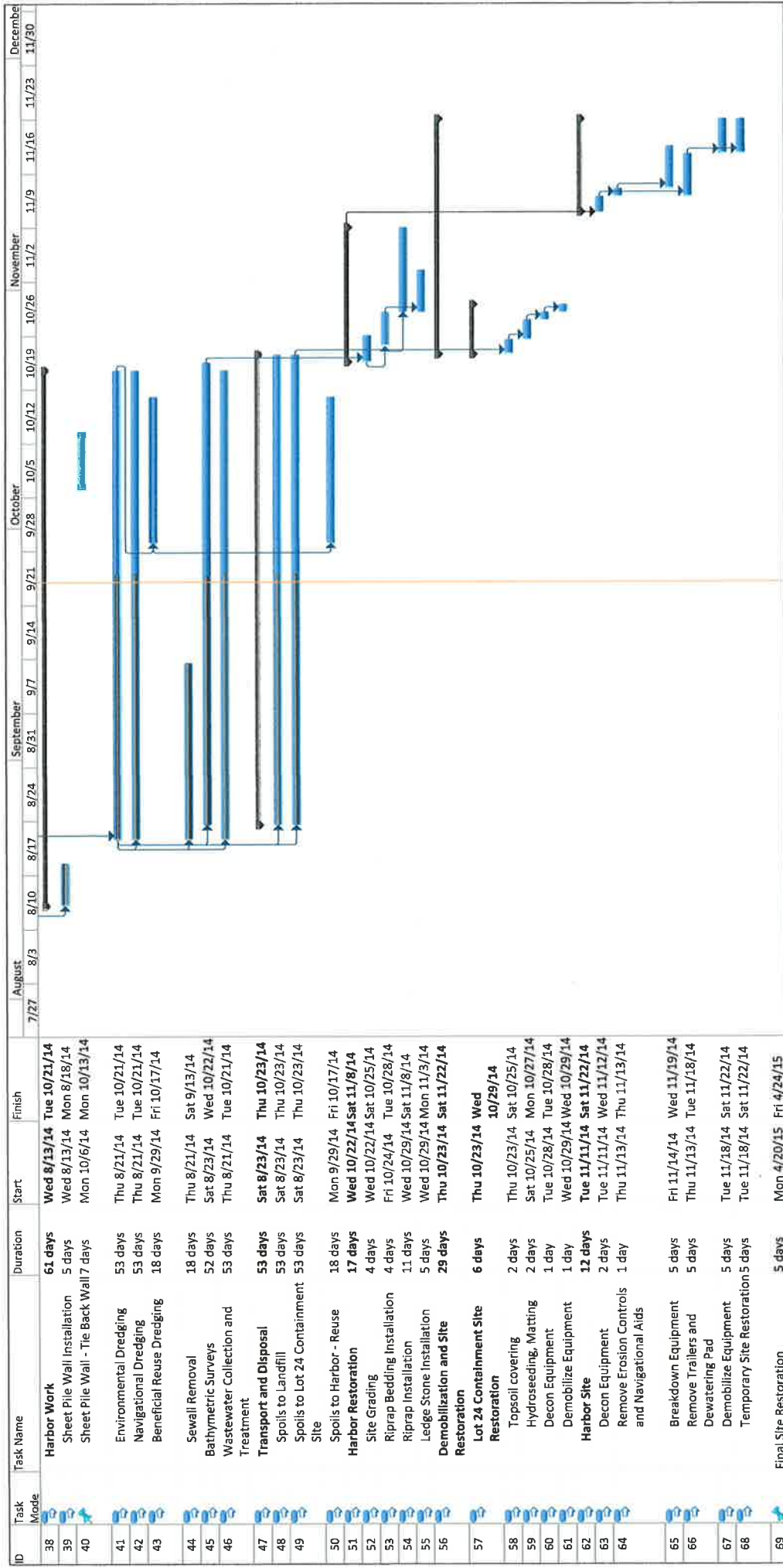
The total WDNR grant award is \$1,135,596.00* which is a 65% matching grant of the total expended. The City's match requirement is 35% of the total expended or equivalent to \$611,474.77. Therefore the total allotted dollars for the project are \$1,747,070.77. See attached Grant Expenditure Breakdown.

Grant (WDNR PO#: 9DMA0000117 – EPA Grant #: GL-00E01312-0)

The total WDNR grant award is \$5,105,988.00* which is a 100% grant of the total expenditure. See attached Grant Expenditure Breakdown.

D. Attachments:

1. Harbor Dredging Construction Project Schedule (Sevenson)
2. Env Repair Fund Grant Expenditure Breakdown
3. GLRI Grant Expenditure Breakdown



Task
 Split
 Milestone
 Summary

Project Summary
 External Tasks
 External Milestone
 Inactive Task

Inactive Milestone
 Inactive Summary
 Manual Task
 Duration-only

Manual Summary Rollup
 Manual Summary
 Start-only
 Finish-only

Deadline
 Progress

WDNR REMEDIATION AND REDEVELOPMENT DEPARTMENT

GRANT NUMBER 9BME000007 MENEKAUNEE HARBOR CONTAINMENT DREDGE PROJECT

Date September 22, 1014

Date	Invoice #	Cost Incurred This Invoice	Job Cost Incurred To date	Cost Incurred to Grant	Cost Incurred to City	Remaining Grant	Remaining City	Current Grant Request	Current City Funds
Original Grant Value - \$1,747,070.77						\$ 1,135,596.00	\$ 611,474.77	-	-
Previously Processed by Others			\$ 361,537.49	\$ 234,999.35	\$ 126,538.12	\$ 900,596.65	\$ 484,936.65	-	-
9/12/2014	Construction #1	\$ 516,179.70	\$ 877,717.19	\$ 570,516.16	\$ 307,201.02	\$ 565,079.85	\$ 304,273.75	\$ 335,516.81	\$ 180,662.90
9/16/2014	REL #68172	\$ 54,499.25	\$ 932,216.44	\$ 605,940.67	\$ 326,275.75	\$ 529,655.33	\$ 285,199.02	\$ 35,424.51	\$ 19,074.74
7/28/2014	AYRES #154551	\$ 26,966.93	\$ 959,183.37	\$ 623,469.17	\$ 335,714.18	\$ 512,126.83	\$ 275,760.59	\$ 17,528.50	\$ 9,438.43
9/5/2014	AYRES #155086	\$ 17,058.60	\$ 976,241.97	\$ 634,557.26	\$ 341,684.69	\$ 501,038.74	\$ 269,790.08	\$ 11,088.09	\$ 5,970.51

Total Request **\$ 399,557.91** \$ 215,146.57

Percent Complete 56%

WDNR REMEDIATION AND REDEVELOPMENT DEPARTMENT

Date September 22, 1014

GRANT NUMBER 9DMA0000117 MENEKAUNEE HARBOR CONTAINMENT DREDGE PROJECT

EPA GRANT NUMBER GL-00E01312-0

Date	Invoice #	Cost Incurred This Invoice	Job Cost Incurred To date	Cost Incurred to Grant	Remaining Grant	Current Grant Request
		Total WDNR Grant Value			\$ 5,105,988.00	
9/12/2014	Construction #1	\$0.00	\$0.00	\$0.00	\$ 5,105,988.00	\$0.00
	Processed under RR Env Repair Grant					

Total Request \$ -