

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: GL00E02487_LM1901_LManCWRes
Name: Little Manitowoc Coastal Wetland Restoration Project
Type: Great Lakes Restoration Initiative
Subtype: Habitat
Status: ACTIVE
Start Date: 07/01/2019
End Date: 07/30/2020
Purpose: Lakeshore Natural Resource Partnership in coordination with the WDNR and City of Manitowoc will design and construct wetland habitat restoration enhancements. This project will create approximately 50% open-water and 50% native emergent vegetation with planned flat sedge shorelines. The restored area will provide new habitat opportunities for a diverse array of fish and wildlife species. Enhancements will include nesting structures for fish, birds, and bats, interpretive signage, and shoreline RCG treatment and native seeding.
Objective: This project is part of a larger initiative to create 232-acre Little Manitowoc River Conservancy that will connect three city parks and additional land. The Conservancy will be made more accessible to the public, provide better shorebird and fish habitat, and will restore natural floodplain wetland conditions to help reduce phosphorus loads.
Comments:
Outcome: The overall outcome of this project is to restore and provide critical fish and wildlife habitat such as spawning grounds for fish, migratory stopovers, staging and breeding grounds for shoreline birds and waterfowl, invertebrates and native plants species in the Little Manitowoc River and coastal wetlands that are hydraulically connected to Lake Michigan.
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
BOUGIE, CHERYL A	PROJECT_LEAD	RETIRED	07/01/2019	07/30/2020	Wisconsin DNR	
HRON, STACY L	PROJECT_LEAD	ACTIVE	01/19/2020		Wisconsin DNR	
SODERLING, MICHELLE R	TEAM_MEMBER	ACTIVE	07/01/2019		Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
10/08/2019	CHERYL BOUGIE	Active	Restoration Project is well underway with the following activities completed thus far: ⚡ Staging area restoration (from dredging previous portion of the project) ⚡ Permit closures on staging and disposal sites ⚡ Wildlife deterrents on staging area ⚡ Adjacent landowner meetings ⚡ Revised habitat plan prepared ⚡ Herbicide application of native planting areas and Japanese knotweed ⚡ Fish stick planning with City ⚡ Order seed, shrubs, wildlife nest structures ⚡ Coordination and schedule osprey nest structure install with local utility. Work will continue through summer 2020.
12/17/2019	CHERYL BOUGIE	Active	Restoration continues and the project is 90% complete. Work accomplished to date: ⚡ Staging area restoration ⚡ Permit closures on staging and disposal sites ⚡ Wildlife deterrents on staging area ⚡ Adjacent landowner meetings ⚡ Revised habitat plan prepared ⚡ Herbicide application of native planting areas and Japanese

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Date	Reported By	Status	Comments
			knotweed ¿ Fish stick planning with City ¿ Removal of ash trees from City park land ¿ Installation of fish sticks per plan ¿ Installation of native seed, shrubs, wildlife structures per plan ¿ Planning installation of osprey nest structure install with local utility, with plan for install in winter 2020 ¿ As-Built Report (see attached) Work wukk continue through summer 2020.
03/25/2020	MICHELLE SODERLING	Progress: 75-100% Complete	A subcontract was awarded to Stantec Consulting Services that has been a project partner since 2013 with our state phragmites control grant and being awarded the SOGL sub-contract in 2014. A subcontract was awarded to Lake Ledge Naturalist to design and fabricate an interpretive kiosk. A subcontract was awarded to GenUAS for drone video footage. Now called Compass Video Creation LLC. LNRP worked with both Lake Ledge Naturalist and Compass Video Creation LLC on integrating the drone video with interpretive materials.
10/15/2020	MICHELLE SODERLING	Progress: 75-100% Complete	Osprey nest platform was installed July 2020. Stantec has engaged 3 restoration staff and one project manager on the project. Due to the collective COVID-19 response, water quality sampling was canceled and an extension was approved through Oct 31, 2021. An interpretive kiosk is in the works. Signage will be installed either this fall or next spring with links to a drone video clip.

Project Status Detail

Answer Set: Apr2020 - Sep2020

Question	Answer
1. Reporting Timeframe (Q1) (Q2) (Q3) (Q4): 2. Amount expended this reporting period: 3. Subcontracts or subgrants awarded this reporting period: 4. QAPP (Project Plan) status: 5. Local services and/or products purchased this reporting period: 6. Number of jobs created this reporting period: 7. Work accomplished this reporting period: 8. Work goals for coming reporting period:	
1. Reporting Timeframe Month/Year to Month/Year (Oct-Mar or Apr-Sept):	Apr/2020 to Sep/2020
2. Quality Documentation status (respond NA if not required):	QAPP approved but updates needed to include additional items - an amendment will be updated once the GLRI grant is awarded.
3. Describe work performed during this reporting period relating to the activities from the grant workplan (Previous 6 months):	Stantec has engaged three restoration staff and one project manager on the project. Due to COVID-19, water quality sampling and analysis was canceled. An extension through Oct 31, 2021 was approved.
4. GLRI Action Plan metric(s) accomplished and numerical progress during this reporting period:	Osprey nest platform was installed in July 2020. 0
5. GLRI Action Plan metric(s) accomplished and numerical progress since project start (total complete to date):	0
6. Percentage (estimate) of project work completed during this reporting period:	2
7. Percentage (estimate) of project work completed since the	85-90

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Question

Answer

project start (total complete to date):

8. Is project work on schedule? If no, please explain.

Yes

9. If a problem was encountered, describe the problem and action(s) taken to correct it.

COVID-19 interrupted water quality sampling, so an extension was granted to complete the sampling during the summer of 2021.

10. What work is projected during the next reporting period? (Next 6 months):

Interpretive signage to be installed either this fall 2020 or spring 2021, including links to drone video clips. The estuary would benefit from ongoing invasive species control and future work to control knotweed will be completed under other LNR grant.

11. Will the project take longer than the approved project period? If so, have you requested an extension in writing to the grant coordinator?

No

12. Amount expended this reporting period (can be approximate) If no amount expended, explain why.

No invoice will be submitted as a part of this report - COVID-19 postponement.

13. Is project invoicing/expenditures up to date? If invoicing is more than 3 months overdue, explain why.

Yes

14. Were any significant changes (>10% of the total project amount) made to the project budget? If so, have you notified the grant coordinator in writing?

No

Answer Set: Q1 2020

Question

Answer

1. Reporting Timeframe (Q1) (Q2) (Q3) (Q4):

2. Amount expended this reporting period:

3. Subcontracts or subgrants awarded this reporting period:

4. QAPP (Project Plan) status:

5. Local services and/or products purchased this reporting period:

6. Number of jobs created this reporting period:

7. Work accomplished this reporting period:

8. Work goals for coming reporting period:

1. Reporting Timeframe Month/Year to Month/Year (Oct-Mar or Apr-Sept):

Oct2019 - Mar2020

2. Quality Documentation status (respond NA if not required):

LNRP worked with DNR staff to update the QAPP making sure all levels of compliance were complete.

3. Describe work performed during this reporting period relating to the activities from the grant workplan (Previous 6 months):

A subcontract was awarded to Stantec Consulting Services that has been a project partner since 2013 with our state phragmites control grant and being awarded the SOGL sub-contract in 2014.

A subcontract was awarded to Lake Ledge Naturalist to design and fabricate an interpretive kiosk.

A subcontract was awarded to GenUAS for drone video footage. Now called Compass Video Creation LLC.

Stantec has engaged 3 restoration staff and on project manager on the project. Premier Lawn Care has engaged two staff on the restoration of the staging area.

LNRP worked with both Lake Ledge Naturalist and Compass Video Creation LLC on integrating the drone video with interpretive materials.

4. GLRI Action Plan metric(s) accomplished and numerical progress during this reporting period:

0

5. GLRI Action Plan metric(s) accomplished and numerical progress since project start (total complete to date):

0

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Question	Answer
6. Percentage (estimate) of project work completed during this reporting period:	5
7. Percentage (estimate) of project work completed since the project start (total complete to date):	85-90
8. Is project work on schedule? If no, please explain.	Yes
9. If a problem was encountered, describe the problem and action(s) taken to correct it.	No
10. What work is projected during the next reporting period? (Next 6 months):	Osprey platform installation to occur in early 2020 to minimize soil disturbance from large equipment. Shrub planting and seeding completed fall 2019 but mowing native prairie seeding area and second herbicide treatment on Japanese knotweed to be completed spring 2020. Inspection of nest structures to occur in spring 2020. Monitoring bird activity to occur in 2020. Water quality monitoring to occur from June through August 2020.
11. Will the project take longer than the approved project period? If so, have you requested an extension in writing to the grant coordinator?	No
12. Amount expended this reporting period (can be approximate) If no amount expended, explain why.	\$42,728.69 from Oct2019-Dec2019. Waiting on invoice for Jan2020-Mar2020.
13. Is project invoicing/expenditures up to date? If invoicing is more than 3 months overdue, explain why.	Yes
14. Were any significant changes (>10% of the total project amount) made to the project budget? If so, have you notified the grant coordinator in writing?	No

Answer Set: 2019 - Q4

Question	Answer
1. Reporting Timeframe (Q1) (Q2) (Q3) (Q4):	Q4
2. Amount expended this reporting period:	\$28,690.97 Will be reimbursed next quarter Q1-2020.
3. Subcontracts or subgrants awarded this reporting period:	1. Stantec Consulting Services 2. Lake Ledge Naturalist - Interpretive Kiosk 3. GenUAS -Drone Video Footage QAPP 99% complete minor amendment underway.
4. QAPP (Project Plan) status:	Premier Lawn Care American Transmission Company McMullin and Pitz Job Corps Program MJ Utility Contractor
5. Local services and/or products purchased this reporting period:	3 Stantec 2 Premier Lawn Care Tasks completed: ¿ Staging area restoration ¿ Permit closures on staging and disposal sites ¿ Wildlife deterrents on staging area ¿ Adjacent landowner meetings ¿ Revised habitat plan prepared ¿ Herbicide application of native planting areas and Japanese knotweed ¿ Fish stick planning with City ¿ Removal of ash trees from City park land ¿ Installation of fish sticks per plan ¿ Installation of native seed, shrubs, wildlife structures per plan ¿ Planning installation of osprey nest structure install with local utility, with plan for install in winter 2020
6. Number of jobs created this reporting period:	
7. Work accomplished this reporting period:	

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Question

Answer

8. Work goals for coming reporting period:

¿ As-Built Report (see attached)
Project is at 90% complete.

Osprey platform installation to occur in early 2020 during winter conditions to minimize soil disturbance from large equipment.

Shrub planting and seeding completed fall 2019 but mowing native prairie seeding area and second herbicide treatment on Japanese knotweed to be completed spring 2020.

Interpretive sign design and installation will occur in winter / spring 2020.

Final video will be completed in winter / spring 2020.

1. Reporting Timeframe Month/Year to Month/Year (Oct-Mar or Apr-Sept):

2. Quality Documentation status (respond NA if not required):

3. Describe work performed during this reporting period relating to the activities from the grant workplan (Previous 6 months):

4. GLRI Action Plan metric(s) accomplished and numerical progress during this reporting period:

5. GLRI Action Plan metric(s) accomplished and numerical progress since project start (total complete to date):

6. Percentage (estimate) of project work completed during this reporting period:

7. Percentage (estimate) of project work completed since the project start (total complete to date):

8. Is project work on schedule? If no, please explain.

9. If a problem was encountered, describe the problem and action(s) taken to correct it.

10. What work is projected during the next reporting period? (Next 6 months):

11. Will the project take longer than the approved project period? If so, have you requested an extension in writing to the grant coordinator?

12. Amount expended this reporting period (can be approximate) If no amount expended, explain why.

13. Is project invoicing/expenditures up to date? If invoicing is more than 3 months overdue, explain why.

14. Were any significant changes (>10% of the total project amount) made to the project budget? If so, have you notified the grant coordinator in writing?

Answer Set: 2019 - Q3

Question

Answer

1. Reporting Timeframe (Q1) (Q2) (Q3) (Q4):

Q3

2. Amount expended this reporting period:

\$7,800.00 incurred expenses, but not reimbursed this quarter.

3. Subcontracts or subgrants awarded this reporting period:

2 (Stantec Consulting & Premier Lawn Care)

4. QAPP (Project Plan) status:

85%

5. Local services and/or products purchased this reporting period:

Project Supplies: Seed, Shrubs, and Nest Structures.

6. Number of jobs created this reporting period:

3 Stantec
2 Premier Lawn Care

7. Work accomplished this reporting period:

¿ Staging area restoration
¿ Permit closures on staging and disposal sites
¿ Wildlife deterrents on staging area
¿ Adjacent landowner meetings

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Question

Answer

- ¿ Revised habitat plan prepared
- ¿ Herbicide application of native planting areas and Japanese knotweed
- ¿ Fish stick planning with City
- ¿ Order seed, shrubs, wildlife nest structures
- ¿ Coordination and schedule osprey nest structure install with local utility

8. Work goals for coming reporting period:

A portion of the fish sticks will be installed by the end of October if we can secure trees from the City of Manitowoc.

All nest structures should get installed in October. We will likely be waiting until December for the osprey platform installation to wait for the soil to firm up so that we don't do any damage using large equipment.

Some initial planting will be completed this fall but will get finished in spring after another herbicide treatment on the Japanese knotweed.

1. Reporting Timeframe Month/Year to Month/Year (Oct-Mar or Apr-Sept):
2. Quality Documentation status (respond NA if not required):
3. Describe work performed during this reporting period relating to the activities from the grant workplan (Previous 6 months):
4. GLRI Action Plan metric(s) accomplished and numerical progress during this reporting period:
5. GLRI Action Plan metric(s) accomplished and numerical progress since project start (total complete to date):
6. Percentage (estimate) of project work completed during this reporting period:
7. Percentage (estimate) of project work completed since the project start (total complete to date):
8. Is project work on schedule? If no, please explain.
9. If a problem was encountered, describe the problem and action(s) taken to correct it.
10. What work is projected during the next reporting period? (Next 6 months):
11. Will the project take longer than the approved project period? If so, have you requested an extension in writing to the grant coordinator?
12. Amount expended this reporting period (can be approximate) If no amount expended, explain why.
13. Is project invoicing/expenditures up to date? If invoicing is more than 3 months overdue, explain why.
14. Were any significant changes (>10% of the total project amount) made to the project budget? If so, have you notified the grant coordinator in writing?

Answer Set: DEFAULT

Question

Answer

1. Reporting Timeframe (Q1) (Q2) (Q3) (Q4):
2. Amount expended this reporting period:
3. Subcontracts or subgrants awarded this reporting period:
4. QAPP (Project Plan) status:
5. Local services and/or products purchased this reporting period:
6. Number of jobs created this reporting period:
7. Work accomplished this reporting period:
8. Work goals for coming reporting period:
1. Reporting Timeframe Month/Year to Month/Year (Oct-Mar or

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Question	Answer
Apr-Sept):	
2. Quality Documentation status (respond NA if not required):	
3. Describe work performed during this reporting period relating to the activities from the grant workplan (Previous 6 months):	
4. GLRI Action Plan metric(s) accomplished and numerical progress during this reporting period:	
5. GLRI Action Plan metric(s) accomplished and numerical progress since project start (total complete to date):	
6. Percentage (estimate) of project work completed during this reporting period:	
7. Percentage (estimate) of project work completed since the project start (total complete to date):	
8. Is project work on schedule? If no, please explain.	
9. If a problem was encountered, describe the problem and action(s) taken to correct it.	
10. What work is projected during the next reporting period? (Next 6 months):	
11. Will the project take longer than the approved project period? If so, have you requested an extension in writing to the grant coordinator?	
12. Amount expended this reporting period (can be approximate) If no amount expended, explain why.	
13. Is project invoicing/expenditures up to date? If invoicing is more than 3 months overdue, explain why.	
14. Were any significant changes (>10% of the total project amount) made to the project budget? If so, have you notified the grant coordinator in writing?	

Actions

Action	Detailed Description	Start	End Date	Status
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Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
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Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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Documents

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Title	Description	Author	Published	Comments
2019 WDNR Non-Competitive Grant Application for Great Lakes Coastal Wetlands/Habitats Focus Area 4 Habitat and Species Project 2 of 3 As-Built Summary - Little Manitowoc River Estuary Habitat Restoration Manitowoc County, Wisconsin, Stantec Project 1937047101 Little Manitowoc Coastal Wetland FY19 FA4 SOW Little Manitowoc Coastal Wetland Restoration Apr2020 to Sep2020 Report Little Manitowoc Coastal Wetland Restoration Interpretive Sign Schematic Little Manitowoc Coastal Wetland Restoration Project Quarterly Report 2019 - Q3 Little Manitowoc Coastal Wetland Restoration Project Quarterly Report 2019 - Q4 Osprey Platform - July2020	As-Built Summary - Little Manitowoc River Estuary Habitat Restoration	Jon Gumtow - Stantec Consulting Services Inc	12/20/2019	
	Quarterly Report Little Manitowoc Coastal Wetland Restoration Project 2019 - Q3	James Kettler	10/01/2019	
	Little Manitowoc Coastal Wetland Restoration Project Quarterly Report 2019-Q4	James Kettler - LNRP	12/16/2019	

Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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