

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: GL00E01312_SLR1704_BenthosBUI
Name: St. Louis River BUI Monitoring Assessments - Degraded Benthos and Restrictions on Dredging BUIs
Type: Great Lakes Restoration Initiative
Subtype: Toxics and Areas of Concern
Status: ACTIVE
Start Date: 06/01/2017
End Date: 03/31/2018
Purpose: Additional sediment quality information is needed in some sediment assessment areas of the St. Louis River AOC to help determine if remediation will be required. Wisconsin DNR will collect sediment samples from locations where recent sediment characterization results showed toxicity and/or exceedances of the probable effect concentrations for select metals and/or organic contaminants (namely PAHs). Sampling is needed to assess the contribution of contaminated sediments in select areas to beneficial use impairments (BUI) including, but not necessarily limited to, degraded benthos, dredging restrictions, and fish & wildlife habitat.
Objective: Sediment samples will be collected and analyzed for invertebrate toxicity, site-specific chemicals, and macroinvertebrate assemblages. Results will be evaluated using the triad approach for sediment quality as well as the macroinvertebrate index developed for this AOC.
Comments:
Outcome: There are multiple nested outcomes from this monitoring including: an assessment of sediment quality, an evaluation of site-specific contributions to BUIs, and the identification of any reasonable actions to address BUIs. In addition, recommendations will be made for next steps including "no action" if that is supported by the data and a specific regulatory program is identified that will address impairments in a practical timeframe.
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
GRAHAM, JOSEPH R	TEAM_MEMBER	ACTIVE	06/01/2017		Wisconsin DNR	
STEIGER, MATTHEW B	COORDINATOR	ACTIVE	06/01/2017		Wisconsin DNR	
Schmude, Kurt	LABORATORY	ACTIVE	02/26/2019		UW Superior	
Ulman, Marisa	TEAM_MEMBER	COMPLETE	06/01/2017	03/31/2018		

Project Statuses

Date	Reported By	Status	Comments
06/30/2017	JOSEPH GRAHAM	Progress: 0-25% Complete	
09/30/2017	JOSEPH GRAHAM	Progress: 0-25% Complete	
10/11/2017	JOSEPH GRAHAM	Progress: 0-25% Complete	
12/31/2017	JOSEPH GRAHAM	Progress: 0-25% Complete	Sample sites being selected.
03/31/2018	JOSEPH GRAHAM	Progress: 0-25% Complete	Field sampling plan and QAPP started.
06/30/2018	JOSEPH GRAHAM	Progress: 25-50% Complete	QAPP 75% complete. Working on contract with LSRI & WSLH to analyze samples. Ordered field sampling supplies.
09/30/2018	JOSEPH GRAHAM	Progress: 50-75% Complete	QAPP Complete. Contracts in place. Macroinvertebrate samples collected August 10 to 17, 2018. Sediment toxicity samples collected September, 2018. Samples delivered to laboratories.
12/31/2018	JOSEPH GRAHAM	Progress: 50-75% Complete	All samples collected and being processed at SLH and LSRI labs.
03/31/2019	JOSEPH GRAHAM	Progress: 75-100% Complete	All samples have been processed and results have been received from SLH and LSRI labs. Data are being prepared for upload to database.
06/30/2019	JOSEPH GRAHAM	Progress: 75-100% Complete	All samples have been received. Metrics calculated. data uploaded into SWIMS. Data analysis in progress.
10/15/2019	JOSEPH GRAHAM	Progress: 75-100% Complete	Data analysis and report in progress.
12/31/2019	JOSEPH GRAHAM	Active	Continued data analysis and began tabulating results for final report.
03/31/2020	JOSEPH GRAHAM	Active	

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Date	Reported By	Status	Comments
03/31/2020	JOSEPH GRAHAM	Progress: 75-100% Complete	Draft maps prepared. Data analysis paused due to staff vacancies.

Project Status Detail

Answer Set: Q1 2020 (Jan to Mar)

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):	Jan 1 to Mar 31, 2020
2. Quality Documentation status (respond NA if not required):	Completed
3. Describe work performed during this reporting period relating to the activities from the grant workplan (Previous 6 months):	Data analysis and report in preparation.
4. GLRI Action Plan metric(s) accomplished and numerical progress during this reporting period:	Contributes towards completion of management actions for delisting St Louis River AOC
5. GLRI Action Plan metric(s) accomplished and numerical progress since project start (total complete to date):	Contributes towards completion of management actions for delisting St Louis River AOC
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):	80
8. Is project work on schedule? If no, please explain.	No, report has been delayed by staff vacancies.
9. If a problem was encountered, describe the problem and action(s) taken to correct it.	Hiring freeze in place.
10. What work is projected during the next reporting period? (Next 6 months):	Continue work on report. Share data with AOC stakeholders (MPCA).
11. Will the project take longer than the approved project period? If so, have you requested an extension in writing to the grant coordinator?	I don't know.
12. Amount expended this reporting period (can be approximate) If no amount expended, explain why.	None
13. Is project invoicing/expenditures up to date? If invoicing is more than 3 months overdue, explain why.	Yes, all lab invoices have been received and paid.
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: Q4 2019 (Oct to Dec)

Question	Answer
1. Reporting Timeframe (Q1) (Q2) (Q3) (Q4):	Q4 - Oct to Dec 2019
2. Amount expended this reporting period:	None - all contracts paid
3. Subcontracts or subgrants awarded this reporting period:	None
4. QAPP (Project Plan) status:	Complete - implementing data analysis and reporting sections
5. Local services and/or products purchased this reporting period:	None
6. Number of jobs created this reporting period:	None
7. Work accomplished this reporting period:	Continued data analysis and began tabulating results for final report
8. Work goals for coming reporting period:	Complete final report

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Question

Answer

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: Q3 2019 (Jul - Sept)

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):
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.

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Question

Answer

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: Q2 2019

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):
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: Q1 2019

Question

Answer

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

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Question

Answer

- 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):
- 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: Q1 2019

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):
- 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:

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Answer

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: Q4 2018

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):
 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

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Question

Answer

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: Q3 2018

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):
 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: 2018-Q2

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:

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Answer

8. Work goals for coming reporting period:
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: 2018-Q1

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):
 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

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Question

Answer

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: 2017-Q2

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):

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: 2017-Q3

Question

Answer

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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):
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 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

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Answer

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
163297	Hog Island Inlet - Sup Harb WI-2 /E. Side Of Isthmus To Hog Island	
10052108	St. Louis River AOC - WDNR18-AF-1	
10052109	St. Louis River AOC - WDNR18-AF-2	
10052110	St. Louis River AOC - WDNR18-AF-4	
10052111	St. Louis River AOC - WDNR18-AF-5	
10052112	St. Louis River AOC - WDNR18-AF-6	
10052113	St. Louis River AOC - WDNR18-BD-1	
10052114	St. Louis River AOC - WDNR18-BD-2	
10052115	St. Louis River AOC - WDNR18-BD-3	
10052116	St. Louis River AOC - WDNR18-BI-1	
10052117	St. Louis River AOC - WDNR18-BI-2	
10052118	St. Louis River AOC - WDNR18-BI-3	
10052119	St. Louis River AOC - WDNR18-BI-4	
10052120	St. Louis River AOC - WDNR18-BI-5	
10052121	St. Louis River AOC - WDNR18-CL-2	
10052122	St. Louis River AOC - WDNR18-CL-3	
10052123	St. Louis River AOC - WDNR18-CP-1	
10052124	St. Louis River AOC - WDNR18-EF-1	
10052125	St. Louis River AOC - WDNR18-EF-2	
10052126	St. Louis River AOC - WDNR18-EF-3	
10052128	St. Louis River AOC - WDNR18-EF-4	
10052129	St. Louis River AOC - WDNR18-EF-5	

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Station ID	Name	Comments
10052130	St. Louis River AOC - WDNR18-EF-6	
10052132	St. Louis River AOC - WDNR18-GE-1	
10052133	St. Louis River AOC - WDNR18-GE-2	
10052134	St. Louis River AOC - WDNR18-GG-1	
10052136	St. Louis River AOC - WDNR18-GG-2	
10052137	St. Louis River AOC - WDNR18-GG-3	
10052138	St. Louis River AOC - WDNR18-GM-1	
10052140	St. Louis River AOC - WDNR18-GM-2	
10052141	St. Louis River AOC - WDNR18-GM-3	
10052142	St. Louis River AOC - WDNR18-HD-1	
10052143	St. Louis River AOC - WDNR18-II-1	
10052144	St. Louis River AOC - WDNR18-II-2	
10052145	St. Louis River AOC - WDNR18-II-3	
10052146	St. Louis River AOC - WDNR18-II-4	
10052147	St. Louis River AOC - WDNR18-LF-1	
10052148	St. Louis River AOC - WDNR18-LF-2	
10052149	St. Louis River AOC - WDNR18-LH-1	
10052150	St. Louis River AOC - WDNR18-LH-2	
10052151	St. Louis River AOC - WDNR18-MB-1	
10052152	St. Louis River AOC - WDNR18-MB-2	
10052153	St. Louis River AOC - WDNR18-MB-3	
10052154	St. Louis River AOC - WDNR18-ML-1	
10052155	St. Louis River AOC - WDNR18-ML-2	
10052156	St. Louis River AOC - WDNR18-ML-3	
10052157	St. Louis River AOC - WDNR18-ML-3-DUP	
10052158	St. Louis River AOC - WDNR18-OBD-1	
10052159	St. Louis River AOC - WDNR18-OBD-2	
10052160	St. Louis River AOC - WDNR18-OD-1	
10052161	St. Louis River AOC - WDNR18-OD-10	
10052163	St. Louis River AOC - WDNR18-OD-11	
10052164	St. Louis River AOC - WDNR18-OD-3	
10052165	St. Louis River AOC - WDNR18-OD-4	
10052166	St. Louis River AOC - WDNR18-OD-5	
10052167	St. Louis River AOC - WDNR18-OD-6	
10052168	St. Louis River AOC - WDNR18-OD-7	
10052169	St. Louis River AOC - WDNR18-OD-8	
10052170	St. Louis River AOC - WDNR18-OD-9	
10052171	St. Louis River AOC - WDNR18-PP-1	
10052172	St. Louis River AOC - WDNR18-SF-1	
10052173	St. Louis River AOC - WDNR18-SF-2	
10052174	St. Louis River AOC - WDNR18-TB-1	
10052175	St. Louis River AOC - WDNR18-TB-2	
10052176	St. Louis River AOC - WDNR18-TB-3	
10052177	St. Louis River AOC - WDNR18-TB-4	
10052178	St. Louis River AOC - WDNR18-WW-1	
10051546	WDNR18-AF-3	
10051549	WDNR18-BD-4	

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Station ID	Name	Comments
10051545	WDNR18-CL-1	
10051548	WDNR18-OD-10-REDO	
10051547	WDNR18-OD-2	

Assessment Units

WBIC	Segment	Local Name	Official Name
2751220	2	Barker Island Inner Beach	Lake Superior
2843800	1	St. Louis River AOC, St. Louis River	Saint Louis River
2843800	4	St. Louis River AOC, Howards Bay	Saint Louis River

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
08/10/2018	COMPLETE		10052113	St. Louis River AOC - WDNR18-BD-1
08/10/2018	COMPLETE		10052171	St. Louis River AOC - WDNR18-PP-1
08/10/2018	COMPLETE		10052168	St. Louis River AOC - WDNR18-OD-7
08/10/2018	COMPLETE		10052114	St. Louis River AOC - WDNR18-BD-2
08/10/2018	COMPLETE		10052169	St. Louis River AOC - WDNR18-OD-8
08/10/2018	COMPLETE		10052114	St. Louis River AOC - WDNR18-BD-2
08/10/2018	COMPLETE		10052115	St. Louis River AOC - WDNR18-BD-3
08/10/2018	COMPLETE		10051549	WDNR18-BD-4
08/13/2018	COMPLETE		10052161	St. Louis River AOC - WDNR18-OD-10
08/13/2018	COMPLETE		10052170	St. Louis River AOC - WDNR18-OD-9
08/13/2018	COMPLETE		10052163	St. Louis River AOC - WDNR18-OD-11
08/13/2018	COMPLETE		10051547	WDNR18-OD-2
08/14/2018	COMPLETE		10052137	St. Louis River AOC - WDNR18-GG-3
08/14/2018	COMPLETE		10052136	St. Louis River AOC - WDNR18-GG-2
08/14/2018	COMPLETE		10051549	WDNR18-BD-4
08/14/2018	COMPLETE		10052115	St. Louis River AOC - WDNR18-BD-3
08/14/2018	COMPLETE		10052114	St. Louis River AOC - WDNR18-BD-2
08/14/2018	SCHEDULED		10052113	St. Louis River AOC - WDNR18-BD-1
08/14/2018	COMPLETE		10052152	St. Louis River AOC - WDNR18-MB-2
08/14/2018	COMPLETE		10052164	St. Louis River AOC - WDNR18-OD-3
08/14/2018	COMPLETE		10052173	St. Louis River AOC - WDNR18-SF-2
08/14/2018	COMPLETE		10052172	St. Louis River AOC - WDNR18-SF-1
08/14/2018	COMPLETE		10052178	St. Louis River AOC - WDNR18-WW-1
08/14/2018	COMPLETE		10052166	St. Louis River AOC - WDNR18-OD-5
08/14/2018	COMPLETE		10052165	St. Louis River AOC - WDNR18-OD-4
08/14/2018	COMPLETE		10052164	St. Louis River AOC - WDNR18-OD-3

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Start Date	Status	Field ID	Station ID	Station Name
08/14/2018	COMPLETE		10052153	St. Louis River AOC - WDNR18-MB-3
08/14/2018	COMPLETE		10052151	St. Louis River AOC - WDNR18-MB-1
08/15/2018	COMPLETE		10052141	St. Louis River AOC - WDNR18-GM-3
08/15/2018	COMPLETE		10052148	St. Louis River AOC - WDNR18-LF-2
08/15/2018	COMPLETE		10052138	St. Louis River AOC - WDNR18-GM-1
08/15/2018	COMPLETE		10051548	WDNR18-OD-10-REDO
08/15/2018	COMPLETE		10052133	St. Louis River AOC - WDNR18-GE-2
08/15/2018	COMPLETE		10052132	St. Louis River AOC - WDNR18-GE-1
08/15/2018	COMPLETE		10052174	St. Louis River AOC - WDNR18-TB-1
08/15/2018	COMPLETE		10052120	St. Louis River AOC - WDNR18-BI-5
08/15/2018	COMPLETE		10052177	St. Louis River AOC - WDNR18-TB-4
08/15/2018	COMPLETE		10052123	St. Louis River AOC - WDNR18-CP-1
08/15/2018	COMPLETE		10052147	St. Louis River AOC - WDNR18-LF-1
08/15/2018	COMPLETE		10052176	St. Louis River AOC - WDNR18-TB-3
08/15/2018	COMPLETE		10052148	St. Louis River AOC - WDNR18-LF-2
08/15/2018	COMPLETE		10052175	St. Louis River AOC - WDNR18-TB-2
08/15/2018	COMPLETE		10052150	St. Louis River AOC - WDNR18-LH-2
08/15/2018	COMPLETE		10052149	St. Louis River AOC - WDNR18-LH-1
08/15/2018	COMPLETE		10052140	St. Louis River AOC - WDNR18-GM-2
08/16/2018	COMPLETE		10052108	St. Louis River AOC - WDNR18-AF-1
08/16/2018	COMPLETE		10052109	St. Louis River AOC - WDNR18-AF-2
08/16/2018	COMPLETE		10051546	WDNR18-AF-3
08/16/2018	COMPLETE		10052110	St. Louis River AOC - WDNR18-AF-4
08/16/2018	COMPLETE		10052111	St. Louis River AOC - WDNR18-AF-5
08/16/2018	COMPLETE		10052112	St. Louis River AOC - WDNR18-AF-6
08/16/2018	COMPLETE		10052124	St. Louis River AOC - WDNR18-EF-1
08/16/2018	COMPLETE		10052125	St. Louis River AOC - WDNR18-EF-2
08/16/2018	COMPLETE		10052126	St. Louis River AOC - WDNR18-EF-3
08/16/2018	COMPLETE		10052128	St. Louis River AOC - WDNR18-EF-4
08/16/2018	COMPLETE		10052129	St. Louis River AOC - WDNR18-EF-5
08/16/2018	COMPLETE		10052130	St. Louis River AOC - WDNR18-EF-6
08/16/2018	COMPLETE		10052142	St. Louis River AOC - WDNR18-HD-1
08/16/2018	COMPLETE		10052143	St. Louis River AOC - WDNR18-II-1
08/16/2018	COMPLETE		10052144	St. Louis River AOC - WDNR18-II-2
08/16/2018	COMPLETE		10052145	St. Louis River AOC - WDNR18-II-3
08/16/2018	COMPLETE		10052146	St. Louis River AOC - WDNR18-II-4
08/16/2018	COMPLETE		10052158	St. Louis River AOC - WDNR18-OB-1
08/16/2018	COMPLETE		10052159	St. Louis River AOC - WDNR18-OB-2
08/16/2018	COMPLETE		10052124	St. Louis River AOC - WDNR18-EF-1
08/17/2018	COMPLETE		10052154	St. Louis River AOC - WDNR18-ML-1
08/17/2018	COMPLETE		10052157	St. Louis River AOC - WDNR18-ML-3-DUP
08/17/2018	COMPLETE		10052156	St. Louis River AOC - WDNR18-ML-3
08/17/2018	COMPLETE		10052155	St. Louis River AOC - WDNR18-ML-2
08/17/2018	COMPLETE		10051545	WDNR18-CL-1
08/17/2018	COMPLETE		10052121	St. Louis River AOC - WDNR18-CL-2
08/17/2018	COMPLETE		10052122	St. Louis River AOC - WDNR18-CL-3
08/28/2018	COMPLETE		10052160	St. Louis River AOC - WDNR18-OD-1
09/14/2018	COMPLETE		10052134	St. Louis River AOC - WDNR18-GG-1

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Start Date	Status	Field ID	Station ID	Station Name
08/14/2019	COMPLETE		10052167	St. Louis River AOC - WDNR18-OD-6
	SCHEDULED		10052108	St. Louis River AOC - WDNR18-AF-1

Documents

Title	Description	Author	Published	Comments
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Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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