UPPER MISSISSIPPI RIVER RESTORATION
HREP Team Meeting
Monitoring Breakout Session

Monitoring Report Out Form
Cover Sheet

Complete one cover sheet form per table.

Table Topic:	Aquatic and Wetland Veg

Table Participants	**Role**
1. Yao Yin & Megan Moore (combined table)	Facilitator
2. Rachel Perine	Scribe
3. Deanne Drake	Note-Taker
4. Megan Moore	Reporter
5. Cathy Nigg	
6. Karen Hagerty	
7. Doug Blodgett	
8. Lawrence Patterson	

9. Gretchen Benjamin

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Complete one Report Out Form for each Discussion Question discussed at your table.

Table Topic: Aquatic and Wetland Vegetation

Facilitator: Yao Yin

Discussion Question:

5. What are some HREP monitoring activities that we are not currently performing, but could/should be doing?

Findings:

We don't always connect aquatic and wetland vegetation to water quality or assess the role of invasive species. We monitor for water quality, but could do a better job of connecting things like turbidity & clarity to amount of vegetation, as well as do a better job of surveying and monitoring for aquatic/wetland veg, if it is a project objective.

Recommendations:

We recommend using LTRM science/staff together or assess pre- and post- project conditions, so that an objective could be more appropriately addressed.

We recommend looking more closely at the water quality - vegetation connection, as well as role of (or expected role of) invasive species.

UPPER MISSISSIPPI RIVER RESTORATION
HREP Workshop
Monitoring Breakout Session

Monitoring Report Out Form

Complete one Report Out Form for each Discussion Question discussed at your table.

Table Topic: Aquatic and Wetland Vegetation

Facilitator: Yao Yin

Discussion Question:
7. What is the most important monitoring we should be doing, but are not? and 12. What are things we should start doing?

Findings:

Our HREP projects (both planning & monitoring phases) sometimes seem to be isolated - staff & data. We often don't connect the project to the system and it may be beneficial to do so.

There are other sources and groups we could pull from for pre- and post-monitoring, in order to better evaluate project success and/or understand post-project conditions within the system.

Recommendations:

We recommend using the LTRM stations/staff for needed or necessary pre-project data, as well as post-project monitoring. We also recommend using LTRM reach data to place the project within the system context (i.e. to determine if project is actually failing or, compared to the system, doing well & meeting objectives.)

Example: Pool has 50% decrease in veg. Project has 10% decrease in veg. Therefore, project is overall beneficial.

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Table Participants	**Role**
1. [redacted] Yao Yin	Facilitator
2. Deanne Drake	Note-Taker
3. Rachel Perrine	Scribe
4. Megan Moore	Reporter
5. Cathy Nigg	
6. Karen Hagerty	
7. Lawrence Patterson	
8. Gretchen Benjamin	

Doug Blodgett

DISCUSSION QUESTIONS

1. What are some aspects of HREP monitoring that we are currently doing that lend themselves well to a study design, execution, and assessment?

2. What are some aspects of HREP monitoring that we are currently doing that do not lend themselves well to a study design, execution, and assessment?

Need to call on existing expertise - USGS + field stations will help?

3. What are some HREP monitoring activities we are currently performing that help determine if a project is meeting the project objectives?

4. What are some HREP monitoring activities we are currently performing that do not help determine if a project is meeting the project objectives?

5. What are some HREP monitoring activities we are not currently performing, but could/should be doing?

6. Should we monitor the species or the habitat we create to attract the species?

7. What is the most important monitoring we should be doing, but are not?

8. What monitoring should we stop doing?

9. What monitoring should we prioritize?

10. What are things we do well?

11. What are things we don't do well?

12. What are things we should start doing?

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