

Name: The Jamestown Reservoir Watershed Partnership

Vision Statement: The vision of the Jamestown Reservoir Watershed Partnership is working to protect and enhance water quality in the Jamestown Reservoir.

Mission: Promote agency coordination to assess and improve water quality in the Jamestown Reservoir through education and stakeholder involvement.



Jamestown Reservoir Meeting

Present:

Kim Hanson	FWS Arrowwood Refuge	Mike Noone	State Water Commission
Chris Flann	FWS Chase Lake	Gene VanEeckhout	ND Game and Fish
Mike Collins	NRCS Jamestown AO	BJ Kratz	ND Game and Fish
Codie Lacina	DC NRCS Stutsman County	Scott Elstad	ND Game and Fish SOL
John Mazur	Stutsman SCD	Clarice Liechty	Jamestown Mayor
Gloria Jones	Stutsman SCD	Bob Martin	US Corps of Engineers
Bernie Wanzek	Stutsman SCD	Dennis Lorenz	Stutsman County Park Board
Jim Weigel	US Bureau of Reclamation	Roxanne Johnson	NDSU
Merri Mooridian	Garrison Diversion Conservancy	Ryan Odenbach	Watershed Coordinator
Jim Collins Jr.	ND Department of Health	Sally Domke	Watershed Technician

November 27, 2007
Farmer's Union Headquarters

Mike Collins and Ryan Odenbach opened the meeting at 10:10 AM with introductions, and Jim Weigel handed out updated copies of the draft report from the Bureau of Reclamation on the compilation of past results of surveys on the Jamestown Reservoir. He said that this group can finalize the report with any further comments and the date for this was set at December 31. Jim Weigel passed around CD's with the full report to those that were interested. Jim Collins reported that when the data is collected the NDDH will analyze it (by the bathtub model – nutrient cycling, input/output). They will sample at 5 sites for water quality and flow; 1 above the refuge, 3 in the refuge area, 1 just below Jamestown Dam, plus SDSU will be sampling in the lake and then a water quality model of the lake and refuge area will be put together, and a report created from this. Sampling will be done twice a month with additional outflow sampling done weekly by the SCD staff. Best Management Practices (BMP) work will be based on the 2008 sampling. The NDDH will do the “bathtub” modeling and AnAGNPS modeling will also be done.

Comments on the report:

- The “Pingree Gage” name needs to be changed to something more descriptive and need to be sure it is actually a gage in the Jamestown Reservoir Watershed.

- Use the draft report as a guideline until we get complete data together from 2008 monitoring – data is not complete from year to year; it was taken over several years through various precipitation cycles and not taken at consistent sites.
- Data from this preliminary report can be used to create other more comprehensive research projects.
- Pg. 23 Table 9 – Jim Collins commented on the use of the words “dangerous” and “permissible” on the table and the reference. These words should be changed to excessive, exceeding criteria for lake; and acceptable. Or the source of this information may need to be removed altogether.
- Mike Noone suggested that a map of the sample sites and a relative flow map be included.
- Possible inclusion of subwatershed maps – based on 12 digit HUC’s.
- Kim Hanson stated that the Pingree gage identified in the report appears to be at the south boundary of the refuge around 15th St., but there is not one there right now. Need to ask USGS about this.
- A Deadline of December 31st was set for finalizing the report. Comments, maps etc, need to be in by that date.
- Water quality changes from BMP’s are gradual and change over several years.

Ryan suggested that this group could look at developing a comprehensive reservoir water quality management plan. Jim Collins said that we will use water quality results (i.e. bathtub model, Ann Agnps and TMDL data) to develop a watershed project and would use 319 money combined with other sources such as SOL, NRCS, etc.

The time frame would look like this:

March 2008– October 2008: data collection
 November 2008 - Summer 2009: analyze data, prepare report and develop lake management plan
 September 2009: submit grant for 319 funding
 Spring 2010: Any money granted would be available by spring

Other agencies such as SOL or NRCS could implement practices before this time through their own programs.

The question was raised if the plan developed would be able to be used by all the agencies involved for their management plans for recreation, housing development, septic, wildlife etc, such as a comprehensive lake management plan. Jim Collins said that it should include a TMDL plan and that he could structure such a plan for this use. Ryan said that he will email the link to a lake management plan from Minnesota that he is familiar with as an example. Stakeholders are asked to provide information via email to Ryan as it pertains to developing our own comprehensive lake management plan.

Mike Noone questioned the reliability of data from only one year of sampling. Jim Collins stated that yes, we could get reliable information with data from an average weather year combined with modeling and historic data.

Dennis Lorenz said that there was a cabin septic study done on the 72 cabins on the reservoir. The septic systems were classified as either acceptable, unacceptable or failed. The failed ones had to be replaced with holding tanks and the unacceptable ones were grandfathered in until they fail, then they will need to be replaced with holding tanks as well. Jim Michael, Environmental Health Director has this information in his office.

It was decided that the group needs to:

1. Identify mapping needs – detail of developments in the area, lake maps, bottom maps (NDGF?). Bureau of Reclamation has GIS maps of cabins, grazing etc around the reservoir.

2. Form a subcommittee responsible for details and compiling all planning information to ensure progress and development of a comprehensive lake management plan. Could have volunteers from each agency that report back to the larger stakeholder group.

Possible volunteers for subcommittee:

Jim Weigel – BOR
Scott Elstad – SOL
Jim Collins – NDDH
Roxanne Johnson – NDSU
Mike Noone – SWC
Bob Martin – Corps
Kim Hanson – USFWS

3. The current management plans (releases etc.) and agreements that are in place on the Jamestown Reservoir need to be identified in a management plan.

A question was raised as to how the comprehensive management plans in other states are funded. The answer was that they are funded in various ways such as state organizations, lake associations and water districts for example. Ryan said that he would talk to Greg Sandness from the NDDH about 319 money for something like this.

Meeting adjourned at 11:45 AM

Next Meeting Date: **TBA**; meeting date will be decided upon after the Dec. 31 deadline for reviewing the report.

Sally Domke, Recorder