

JORDAN RIVER WATERSHED COUNCIL
POTW Advisory Group
January 23, 2006 Meeting

Attendance: Tom Holstrom; Central Valley Water Reclamation Facility
Reed Fisher; Central Valley Water Reclamation Facility
Carl Eriksson; Assistant Manager Kearns Improvement District
Craig L. White; General Manager South Valley Sewer District
Larry F. Bowen; Principal Bowen Collins & Associates, Inc.
Fred A. Smolka; Emigration Improvement District
Natalie Rees; Salt Lake County Water Resources Planning Program

Background Information— A powerpoint presentation was discussed that provided: 1) an update of the Watershed Council (Water Resources Planning and Restoration Program Website), 2) an update of the request to amend the Area-Wide Water Quality Management Plan, 3) West Bench Planning, and 4) the proposed Jordan River Master Plan.

Update of the Jordan River Watershed Council

1. It was noted that the Water Resources Planning and Restoration Program has recently launched their website. This website will serve as the general clearinghouse for the Jordan River Watershed Council.
2. Several members of the POTW and Dischargers Advisory Committee had not been able to access the website. Therefore, the Salt Lake County IS Department was notified of this situation and will resolve the problem with the URL.
3. It was mentioned that Dal Wayman of the South Davis Sewer District should be contacted to participate in the Watershed Council. He will be contacted prior to our next meeting.

Update of the request to amend the Area-Wide Water Quality Management Plan

1. Craig White of the South Valley Sewer District affirmed that a court date has been set to appeal Riverton City's decision to revoke their conditional use permit. This case will be heard on February 28, 2006 in the 3rd District Court in West Jordan.

West Bench Planning Efforts

1. It was noted that the Salt Lake County Council of Governments, in conjunction with Kennecott Lands, has held meetings this past fall and winter to develop a West Bench Master Plan.

2. To date, water and wastewater plans have not been developed as part of this West Bench Master Plan. It is the POTW's understanding that Kennecott Lands will meet with jurisdictional municipalities to discuss water and wastewater treatment on an individual basis.
3. Several challenges that would accompany satellite plants were mentioned:
 - a. The Kearns build out line capacity is full. We will need expanded capacity if there is more development.
 - b. These plants will most likely need to send their solids elsewhere (i.e. to existing facilities) for treatment. Therefore, actual capacity is not increased with numerous satellite facilities.
 - c. The cost of reuse is high without conveyance capacity.
 - d. It was noted that Kennecott Lands has the water rights for: North Point Canal, North Jordan Canal, and the Utah/Salt Lake Canal. However, water rights will need to be examined in order to assess water reuse possibilities and water supply.
 - e. Some Duck Clubs have expressed concerns in regard to water rights due to the seasonal flushing required to combat botulism in their wetlands.
4. In the spring and summer of 2006, Kennecott Land and the Salt Lake County Planning Department will "develop the West Bench General Plan document which will provide the goals, policies and objectives for implementation of the West Bench Master Plan". This process will include public hearing procedures with: Magna and Copperton Town Councils, and Magna, Copperton, and Salt Lake County Planning Commissions. Members of the Watershed Council will be notified of these meetings.

Discussion of TMDLs

1. Several concerns were raised by the POTW Advisory Committee concerning both the Jordan River and Utah Lake TMDLs. These concerns include:
 - a. Water quality standards may need to be re-visited prior to the development of management plans and BMPs.
 - b. There is a concern that the Jordan River TMDL is progressing faster than the Utah Lake TMDL. There is intense concern that decisions will be made concerning Jordan River levels prior to understanding the role that Utah Lake plays in pollutant loads.

- c. There are concerns that numerous data gaps exist. Reed Fisher of the Central Valley Water Reclamation Facility offered the use of his facility to examine water quality in the Jordan River further.
 - d. There is also concern that stakeholder participation is limited. Many stakeholders fear that a final document will be sent to the EPA prior to discussion with the Watershed Council.
2. In the afternoon of January 23, 2006, Steve Jensen—the program manager for the Water Resources Planning and Restoration Program—met with Carl Adams and Dave Wham of the Utah Division of Water Quality. The concerns raised by the POTW and Dischargers Advisory Committee were discussed at that meeting and DWQ’s response is summarized in the attached memo.
3. Reed Fisher of Central Valley Water Reclamation Facility (CVWRF) mentioned that if phosphorus treatment (to a 0.05 mg/L level) is required by the Jordan River TMDL, it will cost his facility ~\$150 - \$200 million. The cost of piping their effluent to the Great Salt Lake may be a cheaper option.

Jordan River Corridor Master Plan

1. It was mentioned that Salt Lake County’s Mayor Corroon has requested that the Water Resources Planning and Restoration Program develop a ten page literature review examining existing plans that have been developed for the Jordan River.
2. Additionally, Envision Utah has developed a scoping document to develop a master plan for the Jordan River with an emphasis on recreation.
3. Salt Lake County is currently discussing the possibility of collaboration with Envision Utah on the development of a comprehensive Master Plan for the Jordan River.

The next meeting for the POTW and Dischargers Advisory Committee will be determined based on the Jordan River TMDL update. Further notice will be made in regard to this meeting; however, if there are specific issues that you would like to see discussed, please notify Natalie Rees at 468-3656.

January 24, 2005.

MEMORANDUM

TO: Natalie Rees
FROM: Steve Jensen
RE: **Jordan River TMDL concerns from POTW Representatives.**

Per your request of January 23rd, I met yesterday with Carl Adams and Dave Wham at the Utah Division of Water Quality (DWQ) to discuss issues surrounding current workplans and activities for the Jordan River and Emigration Creek Total Maximum Daily Load (TMDL) assessments.

In addition to the discussion about Emigration TMDL work plan scope, we addressed six (6) specific questions and concerns generated by the Jordan River Watershed Councils' POTW Stakeholder Group meeting last Monday :

1. With regard to the concern about application of the .05 mg/l indicator criteria for total phosphorus along the Jordan River, the POTW group recommended possible use of dissolved phosphorus instead. **Mssrs. Adams and Wham replied that the Jordan River model will develop site specific phosphorus criteria for the Jordan River, which would emphasize the use of dissolved phosphorus as it may affect seasonal low downstream concentrations of dissolved oxygen. Such modeling of the Jordan River will also include other bio-indicators in addition to phosphorus load.**
2. The Utah Lake TMDL should be completed prior to the Jordan River TMDL. **At this point, Utah DWQ is uncertain about this sequence. The Jordan River is presently ahead of Utah Lake, and the Lake staff consultant has left the organization, which may set the Lake TMDL behind.**
3. **DWQ was generally responsive to the concept of CVWRF laboratory support in terms of additional sample analysis, but no specific details were set forth.**
4. Will Stakeholder involvement and input be allowed prior to submitting data and reports to EPA? **Yes. Such input is very important. "The more participation the better."**
5. Are there "solid" deadlines for submittal of both Utah Lake and Jordan River TMDL documents to Region VIII EPA? **No. The emphasis on both projects is a "phased approach" that concentrates on data gaps and possible additional data collection.**
6. How can POTW's help in the process? **By providing ALL relevant water quality data (effluent and in-stream) to DWQ's consultant, Cirrus. Much of the data universe has not been reported on STORET.**