

JORDAN RIVER WATERSHED COUNCIL

Headwaters and Water Supply Advisory Group

February 16, 2007 Meeting

Attendance: Deidre Beck; Stantec Consulting
Glenn Graham; Herriman City
George Ranjoué; Wasatch Front Regional Council
Michael Florence; South Salt Lake City
Cheri Coffey; Salt Lake City Planning
Dennis Hamblin; Murray City
Cal Schneller; Salt Lake County Engineering Division
Nathan Francis; Kennecott Land
Brian Tucker; Midvale City
Lynn Hales; Emigration Township
Paul Allred; City of Holladay
Bryn McCarty; Herriman City
John Guldner; Town of Alta
Steve Jensen; Salt Lake County Engineering Division
Natalie Rees; Salt Lake County Engineering Division

Water Quality Stewardship Plan (WaQSP)

1. In 2006, the Public Works Department of Salt Lake County began a collaborative effort to develop the Salt Lake Countywide Watershed, Water Quality Stewardship Plan (WaQSP). Although this project has been underway since mid-summer of 2006, the Headwaters and Water Supply group has not met in that time; therefore, a brief history of the plan was discussed (Please see attached documents).
 - a. Steps that were completed in 2006 include:
 - i. With the assistance and review of the Jordan River Watershed Council and City Mayors, we identified six (6) strategic targets to guide the WaQSP effort (See attached PDF).
 - ii. We compiled existing biological, physical, and chemical data that will be used to characterize the Salt Lake Countywide Watershed.
 - iii. We developed a Watershed Function Index (WFI) that will be used to measure progress and monitor the health of the Salt Lake Countywide Watershed.
 - b. In 2007, we will:
 - i. Compile data into a draft WaQSP document.
 - ii. Continue to work with the Jordan River Watershed Council (JRWC) and the Council of Governments (COG) to assure that all issues and concerns

are being addressed and that appropriate implementation mechanisms are identified.

- iii. Conduct a baseline assessment of all major Streams and Rivers in Salt Lake County. This effort will augment existing data and provide a foundation for the Watershed Function Index (WFI).
 - c. In 2008, we will work with stakeholders and the public to finalize the WaQSP document.
 - d. With the assistance of municipal governments, implementation of the WaQSP will begin in 2009.
2. Plan Elements – The following is a list of the major elements that will be examined in the Water Quality Stewardship Plan (WaQSP).
- a. Economics
 - b. Wastewater Source/Point Sources
 - c. Stormwater
 - d. Non-point Sources
 - e. Water Supply
 - f. In-stream Flows
 - g. Utah Lake
 - h. Habitat
3. Submitting Comments on the WaQSP Elements - It was mentioned that deliverables such as maps, documents, and graphics that are developed as part of the Water Quality Stewardship Plan (WaQSP) will be posted on the Water Resources Planning and Restoration Program website (www.waterresources.slco.org). Additionally, notices will be sent through the Jordan River Watershed Council list serve to notify the Council of new postings.

Land Use

1. Review of available data - It was mentioned that the WaQSP is relying on the future land use data that has been compiled by the Wasatch Front Regional Council (WFRC). Additionally, existing land use data that was developed by Stantec Consulting for the Salt Lake County stormwater program will be used.
2. How land use data will be used – Each land use type will be associated with a Total Phosphorus export coefficient. Subsequently the existing and future phosphorus export

- from each sub-watershed can be quantified. Results may guide conservation and/or management efforts.
3. Smart Growth Alternatives - WFRC has recently participated in an interdisciplinary group that engaged in a regional visioning process known as Wasatch Choices 2040. The group was comprised of various government heads and special interests. A plan was adopted in June of 2006. The plan examined smart growth alternatives for the Wasatch Front Regional Council (WFRC) counties and made some recommendations (See attached). This analysis may prove useful in the development of the WaQSP. Some of the recommendations that were made in the Wasatch Choices document include:
 - a. Compact growth and mass transit
 - a. Minimize roadway construction and infrastructure
 4. Funding Opportunities - It was mentioned that a major impetus for the development of the Water Quality Stewardship Plan (WaQSP) is to facilitate the acquisition of federal grant monies for implementation.

Population Projection Data

1. Review of available data - it was mentioned that the WaQSP is relying on the population data that has been compiled by the Wasatch Front Regional Council (WFRC).
2. Use of population data for wastewater planning -Brown & Caldwell Consulting has been sub-contracted to examine the wastewater element for the WaQSP. Recently, they have used WFRC population projection data to determine existing and future wastewater flow. Additionally, they have compared existing and future capacity of wastewater treatment facilities in Salt Lake County to existing and future (2030) population needs.

Round Robin of Activities

1. Holladay has recently passed a “Maximum Impervious Surface Coverage” Ordinance. Based on the lot size and zoning, Holladay City has set a limit on the impervious coverage of any given lot.
 - a. Holladay City conducted a survey, which found that the top two (2) priorities for Holladay residents were: 1) mountain views and 2) established trees. In this context Holladay City was able to convince both politicians and citizens that the

tree coverage needs to be supported by surface water infiltration, which is reduced with impervious land covers.

2. Murray has established no density limits around transit nodes or Transit Oriented Development (TOD). Additionally, Murray has recently passed an ordinance to assess a storm drain fee in their utility bills. The cost of this fee is typically between \$3 and \$4 per month.
3. It was mentioned that Salt Lake City also has a stormwater fee on their utility bills.
4. Studies have shown that access to public transit increases property values.
5. WFRC has looked at Class 1 trails in their regional trails plan. This data will be acquired and analyzed for use in the WaQSP.
6. WFRC puts on an annual water supply conference that may be of interest to the WaQSP group. The next conference is in May.
7. Emigration Improvement District (EID) is expanding their water supply system that would allow 2/3 of the canyon on a unified water system.
8. Salt Lake City is working on their NW Quadrant Plan.
9. It was suggested that a better link be established between the planning process currently underway in Salt Lake County and the Utah County government.

Next Meeting

The next meeting for the Land Use and Development Advisory Group for the Jordan River Watershed Council is scheduled for May 15, 2007. Further details will be distributed closer to that date. However, it is understood that if there aren't sufficient agenda items in May, the next meeting will be postponed. Finally, if there are specific issues that any individual would like to discuss at this meeting, they should notify Natalie Rees at (801) 468-3656 or nrees@slco.org.