

Brady Stakeholder Meeting Minutes

April 25, 2013

Brady Civic Center, Brady, Texas

The meeting convened at 10:05 AM. Chuck Brown (UCRA) opened the meeting, welcomed participants and thanked them for attending.

Scott McWilliams (UCRA) proceeded with a power point presentation. McWilliams identified the area of dissolved oxygen impairment along Brady Creek on a map. He explained the various computer models used to predict water quality improvements:

- SWMM – Storm Water Management Model
 - Evaluate loadings of urban storm water pollution
 - Evaluate reductions from BMPs
- QUAL2K – Stream Dissolved Oxygen model
 - Evaluate improvements from reduced urban loadings
 - Evaluate impacts of increased stream flow

McWilliams offered a detailed explanation of the various scenarios run by the models:

- Created 24 individual scenarios; 1 for each month in 2005 - 2006
- Evaluated Baseline (Existing) conditions
- Evaluated various BMPs
 - Reductions in sediment demand due to urban storm water BMPs
 - Pump wastewater treatment plant effluent to headwaters for months of March - October
 - Pump effluent to Richards Park “eastside” pool & discharge through diffuser for months of March - October
 - Combination of effluent pumping & sediment-demand reductions

As a result, load reductions predicted by modeling efforts show that a 50% reductions of sediment exchange rates, along with pumping of effluent up to Richards Park, would achieve 100% attainment of the DO criteria.

Dale Brown, City Manager of Brady stated that he saw no reason to pump effluent from the city of Brady into Brady Lake. This was the city’s original plan for the effluent from Brady. Dale Brown also stated that he believed pumping effluent into the lake would have detrimental effects both to the lake and to downstream landowners. All stakeholders agreed.

Dale Brown then went on to state that the TWDB grant applied for by the city of Brady was eligible for an additional 10% cost share funding because this was considered both reuse and a “green” project. The city of Brady does not want to lose this additional funding.

McWilliams and Chuck Brown agreed that rerouting the waste water up to Richards Park should qualify for the additional “green” funding and will contact TWDB to see if delisting a water body impairment by waste water reuse will qualify.

Stakeholders were all in agreement that rerouting waste water upstream to Richards Park is the optimum use of the water and potentially diverting a small amount of water to the golf course for irrigation. This diversion would have no impact on the modeling results.

There was some concern that transmission losses would hinder flow through downtown, but the group was satisfied that once saturation of the creek bed occurred, channel losses would be at a minimum.

The group was advised by UCRA that contacts would be made with TWDB regarding the grant and a report back to the stakeholders and Brady city council members would be forthcoming.

The meeting was adjourned at 11:45 a.m.