

SURFACE WATER SOURCE FEASIBILITY STUDY

1.0 Development of Detailed Water Rights Transfer Work Task Itemization and Proposed Schedule

- Project kick-off meeting / work session (conference call)
- Development of a collaborative/information exchange framework (water rights professionals collaborative joint effort - Forrest Leaf /Leonard Rice Engineers)
- Review of existing information and development of any new approaches/concepts

2.0 Documentation of Existing Water Use/Demand Projections (utilizing the existing June 2014 Milliken Water and Sanitary Sewer Master Plan Update)

- Utilize the historical compilation and the projections of existing water use and demand presented in the June 2014 Milliken Water and Sanitary Sewer Master Plan Update.
- Assemble a structure projecting purchased water capacity (for years prior to the surface water infrastructure being in-place) added to surface water treatment capacity to meet demand requirements over a 20 – 50 year timeframe.

3.0 Development of two (2) to three (3) Transmission / Storage / Treatment Scenarios

- Development of demand, carriage, transmission pipeline/pump station conceptual alignment, storage, plant siting, treatment, and distribution system tie-in scenarios
- Analysis of the feasibility of constructing transmission / storage / treatment infrastructure utilizing the transferred Consolidated Hillsborough Ditch water rights to the Consolidated Home Supply Ditch dam diversion.
- Development of the Engineer's opinion of probable cost