Desalination Activities in Texas
Brackish Groundwater Desalination Systems
(Existing and Recommended in the 2012 State Water Plan) and
Public Water Systems Affected by the Current Drought

- Existing Brackish Groundwater Desalination Plants
- Recommended Brackish Groundwater Desalination Projects (2012 SWP)
- Public Water Supply Systems Affected by the Drought
- TWDB Wells with Brackish Groundwater
  (1,000 - 10,000 mg/L Total Dissolved Solids)

Texas Water Development Board
Water Science and Conservation
Innovative Water Technologies

November 15, 2011
Municipal & Industrial Water Needs by County, 2020 and Power Generation Plants along the Texas Gulf Coast

Figure 1
Desalination Statements of Interest
- Proposed Plant Sites and Recommended Proposals -
TWDB’s role in developing desalination supplies

- Challenges
- Practical solutions
- Reduce cost
TWDB Desalination Projects

- Feasibility studies
- Pilot plant studies
- Guidance documents
- Concentrate disposal options
- Increased recovery
- Energy management

www.twdb.texas.gov/innovativewater/desal/projects.asp