COASTAL WATER AUTHORITY

LUCE BAYOU INTERBASIN TRANSFER PROJECT (LBITP)

TRANSFERING WATER FROM THE TRINITY RIVER BASIN TO THE SAN JACINTO RIVER BASIN (LAKE HOUSTON)
COASTAL WATER AUTHORITY

- Located in Harris, Chambers, and Liberty Counties.
- Transport and deliver water to Houston, Deer Park and Baytown plus 100 industries along the Houston ship channel.
- Acquire and construct properties and facilities necessary for these purposes.

- Board of Directors

  4 Directors appointed by the City of Houston Mayor:
  D. Wayne Klotz, P.E., President
  Tony L. Council, P.E.,
  Giti Zarinkelk, P.E.
  Joseph Soliz

  3 Directors appointed by Texas Governor:
  Alan D. Conner-Liberty County
  Thomas Reiser-Harris County
  Douglas E. Walker-Chambers County
PROJECT BACKGROUND

- Increased Need for Surface Water - Population Growth and Reduction of Groundwater Use
- Water Supply Project to transfer water from the Trinity River to Lake Houston
- Water will be treated by City of Houston NEWPP and then distributed to Regional Water Authorities in North Harris County, West Harris County and North Ft. Bend County
- Permitting began in 2009 and the Section 404 Permit was Issued by USACE in February 2014
- Project Required to be delivered by June 2019
- Total Project Cost $381 Million (Estimated)
- Funding – Texas water Development Board – State Water Implementation Fund for Texas
LUCE BAYOU INTERBASIN TRANSFER PROJECT

PARTICIPANTS
- COASTAL WATER AUTHORITY
- TEXAS WATER DEVELOPMENT BOARD

CO-PARTICIPANTS
- CITY OF HOUSTON
- NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY
- WEST HARRIS COUNTY REGIONAL WATER AUTHORITY
- CENTRAL HARRIS COUNTY REGIONAL WATER AUTHORITY
- NORTH FORT BEND REGIONAL WATER AUTHORITY
PROJECT ELEMENTS

- Capers Ridge Pump Station – 400 MGD Capacity
- Dual 96-inch Dia. Pipelines – 3 miles
- Earthen Canal – 23.6 miles
- Access Road – 5 miles
- Canal Maintenance Station
- 138 kV Electrical Service
- Canal Outfall into lower reaches of Luce Bayou, which flows into northeastern corner of Lake Houston
Luce Bayou Interbasin Transfer Project

FINANCING

- $300,000,000.00  SWIFT funding Approved in 2015
- $28,754,000.00  TWDB State Participation 2013
- $5,115,000.00  TWDB WIF Program 2010
- $28,000,000.00  TWDB WIF Program 2009
- $18,852,000.00  Co-Participants Funding 2009
- $380,721,000.00  TOTAL COST (Estimated)
Luce Bayou Interbasin Transfer Project

**SWIFT FUNDING - $300,000,000.00**

- $276,740,000.00  Board Participation
- $23,260,000.00  WIF Financing
- $300,000,000.00  TOTAL SWIFT Funding
Luce Bayou Interbasin Transfer Project

**BOARD PARTICIPATION PROGRAM**
- 80/20 Percent split on utilization of this financing option
- TWDB is stakeholder in project along with Coastal Water Authority

**WATER INFRASTRUCTURE FUND**
- Rates based upon TWDB Financing in 2017
Luce Bayou Interbasin Transfer Project