

Texas Water Development Board (TWDB) Contract Number 1600011951

Identification of Potential Brackish Groundwater Production Areas – Blossom Aquifer

Raw data deliverables

January 4, 2017

In 2015, the 84th Texas Legislature passed House Bill 30, directing the TWDB to identify and designate brackish groundwater production zones in four aquifers and to report to the legislature by December 1, 2016. To meet one of those legislated requirements, the TWDB contracted a project to map the brackish groundwater in the Blossom Aquifer. This folder contains instructions on how to obtain the data associated with the project.

For more information on House Bill 30, visit the following TWDB website: <http://www.twdb.texas.gov/innovativewater/bracs/HB30.asp>

Data files in this folder include:

- BRACs data
- Code
- figure pngs
- geodatabase
- geophysical logs
- mxds
- report

The raw final data provided by the contractor does not contain known errors. The TWDB has not reviewed or refined the data in this folder and is providing it as a public service. Well logs and stratigraphic picks have been incorporated into the BRACS Database. The most recent version of the BRACS database can be downloaded from <http://www.twdb.texas.gov/innovativewater/bracs/database.asp>.

Geophysical well logs used for the project are available for download from the TWDB Water Data Interactive Groundwater Viewer Brackish Groundwater well markers. If sets of countywide well logs are needed, they may be provided by request using the instructions on the BRACS Geophysical Well Logs website (<http://www.twdb.texas.gov/innovativewater/bracs/WellLogs.asp>).

Stratigraphic picks made by the contractor have been incorporated in the BRACS database.

List of the folder structure and files provided by INTERA, INCORORATED:

- BRACs data
 - BLSMdata2BRACs_rev2.xlsx
- Code
 - Pumping_50AF_30Y
 - 15 .dbf files
 - 15 .shp files
 - 15 .shx files
 - 15 .tif files
 - Pumping_50AF_50Y
 - 15 .dbf files
 - 15 .shp files
 - 15 .shx files
 - 15 .tif files
 - Pumping_100AF_30Y
 - 15 .dbf files
 - 15 .shp files
 - 15 .shx files
 - 15 .tif files
 - Pumping_100AF_50Y
 - 15 .dbf files
 - 15 .shp files
 - 15 .shx files
 - 15 .tif files
 - Pumping_300AF_30Y
 - 15 .dbf files
 - 15 .shp files
 - 15 .shx files
 - 15 .tif files
 - Pumping_300AF_50Y
 - 15 .dbf files
 - 15 .shp files
 - 15 .shx files
 - 15 .tif files
 - Blossom_BaseMap_Python.mpk
 - Mapping_Function_ESRI.py
 - Theis_Function.R
 - Theis_Runs.R
 - Theis_Well_Data.xlsx
- Figure pngs
 - 48 .png files
- geodatabase
 - Blossom Brackish Geodatabase.gdb folder
 - 1 'timestamps' file
 - 129 .atx files
 - 1 .gdb file
 - 32 .freelist files
 - 189 .gdbindexes files
 - 190 .gdbtable files
 - 190 .gdbtablx files
 - 71 .spx files
 - Pumping Scenarios.gdb folder

- 1 'timesamps' file
- 17 .atx files
- 1 .gdb file
- 20 .freelist files
- 24 .gdbindexes files
- 25 .gdhtable files
- 25 .gdhtablx files
- 19 .spx files
- geophysical logs folder
- mxds folder
- report folder
- _Notes_About_This_Data_Blossom