**Metadata Summary: Ft. DeSoto Water Quality Data**

**Dataset Type:** non-spatial database

**Name of Data Source:** FD\_WQ

**Number of Water Resources Sampled:** 92 sites in the Ft. Desoto Strata

**Datasource Abbreviation (dataset):** FD\_WQ

**Description of Datasource:** Water quality data collected periodically at 92 randomized locations in Ft. DeSoto Bay, Pinellas County, Florida from April 2019 ­– December 2021. Water samples were collected at approximately 0.2 m below the water’s surface for laboratory analyses (Pinellas County Utilities Lab). Instantaneous water quality parameters were recorded using a YSI ProDSS or Hydrolab multiparameter meter at the surface, middle (if applicable), and bottom (if applicable) of the water column.

**Data Collection Locations:** 92 randomized locations within the Ft. DeSoto strata:

FD-A-19-02 27.63458 -82.71928

FD-B-19-02 27.61659 -82.73295

FD-C-19-02 27.63752 -82.70251

FD-D-19-02 27.65428 -82.68549

FD-A-19-03 27.64808 -82.70966

FD-B-19-03 27.64065 -82.72365

FD-C-19-03 27.62094 -82.72511

FD-D-19-03 27.64121 -82.69717

FD-A-19-04 27.62689 -82.70843

FD-B-19-04 27.64827 -82.69017

FD-C-19-04 27.62697 -82.71808

FD-D-19-04 27.63210 -82.73314

FD-A-19-05 27.62980 -82.71568

FD-B-19-05 27.64749 -82.71632

FD-C-19-05 27.64338 -82.72170

FD-D-19-05 27.64260 -82.73629

FD-A-19-06 27.64100 -82.70530

FD-B-19-06 27.63006 -82.73259

FD-C-19-06 27.64093 -82.71361

FD-D-19-06 27.62651 -82.72634

FD-A-19-07 27.64526 -82.71899

FD-B-19-07 27.64417 -82.71432

FD-C-19-07 27.64006 -82.73147

FD-D-19-07 27.63804 -82.72009

FD-A-19-08 27.63077 -82.70338

FD-B-19-08 27.63239 -82.72810

FD-C-19-08 27.64405 -82.73507

FD-D-19-08 27.65355 -82.69473

FD-A-20-01 27.64160 -82.72726

FD-B-20-01 27.63599 -82.72767

FD-C-20-01 27.61919 -82.73307

FD-D-20-01 27.64198 -82.71064

FD-A-20-02 27.63274 -82.72763

FD-B-20-02 27.62362 -82.72469

FD-C-20-02 27.64278 -82.69556

FD-D-20-02 27.63285 -82.72052

FD-A-20-03 27.64427 -82.71002

FD-B-20-03 27.65457 -82.69943

FD-C-20-03 27.65296 -82.68662

FD-D-20-03 27.63079 -82.72118

FD-A-20-04 27.62944 -82.71561

FD-B-20-04 27.62670 -82.70895

FD-C-20-04 27.62864 -82.72958

FD-D-20-04 27.62144 -82.72982

FD-A-20-05 27.64122 -82.71897

FD-B-20-05 27.63645 -82.70022

FD-C-20-05 27.64569 -82.71954

FD-D-20-05 27.62707 -82.71879

FD-A-20-06 27.64304 -82.71268

FD-B-20-06 27.63653 -82.71187

FD-C-20-06 27.64617 -82.69451

FD-D-20-06 27.63957 -82.70397

FD-A-20-07 27.64404 -82.73518

FD-B-20-07 27.63997 -82.72613

FD-C-20-07 27.62304 -82.72698

FD-D-20-07 27.64785 -82.70001

FD-A-20-08 27.62702 -82.71062

FD-B-20-08 27.64750 -82.69173

FD-C-20-08 27.65607 -82.68739

FD-D-20-08 27.63154 -82.70301

FD-A-21-01 27.64121 -82.72897

FD-B-21-01 27.64440 -82.73676

FD-C-21-01 27.65592 -82.68571

FD-D-21-01 27.62771 -82.71930

FD-A-21-02 27.63080 -82.72498

FD-B-21-02 27.62835 -82.70860

FD-C-21-02 27.64363 -82.72166

FD-D-21-02 27.63773 -82.70535

FD-A-21-03 27.64162 -82.70498

FD-B-21-03 27.65220 -82.70596

FD-C-21-03 27.64198 -82.72398

FD-D-21-03 27.63524 -82.70267

FD-A-21-04 27.63022 -82.70364

FD-B-21-04 27.61594 -82.73225

FD-C-21-04 27.62323 -82.72099

FD-D-21-04 27.62661 -82.72245

FD-A-21-05 27.64298 -82.69672

FD-B-21-05 27.62297 -82.73019

FD-C-21-05 27.64708 -82.69267

FD-D-21-05 27.63900 -82.73352

FD-A-21-06 27.63210 -82.72015

FD-B-21-06 27.63274 -82.71050

FD-C-21-06 27.63382 -82.71986

FD-D-21-06 27.64417 -82.73550

FD-A-21-07 27.64707 -82.69878

FD-B-21-07 27.62455 -82.72746

FD-C-21-07 27.62748 -82.71368

FD-D-21-07 27.65061 -82.70029

FD-A-21-08 27.63733 -82.72702

FD-B-21-08 27.62276 -82.72826

FD-C-21-08 27.63782 -82.71432

FD-D-21-08 27.65196 -82.69651

**Data Parameters Collected:**

Water Samples:

Site, Sample, Year (yyyy), Period, Date (mm/dd/yyyy), Time (HH:mm), Sample depth (m), Total depth (m), Secchi depth (m), Secchi qualifier code (VOB), Transmissivity (%), Temperature (ºC), Conductivity (mS/cm), Salinity (psu), pH, Dissolved oxygen (DO; %), DO (mg/L)

*Laboratory analyses (including qualifier codes, if applicable):*

Total Kjeldahl Nitrogen (TKN; mg/L), Ammonia (NH3; mg/L), Nitrite and nitrate (NOx; mg/L), Total Phosphorus (TP; mg/L), Organophosphate (OP; mg/L), Chlorophyll-a (mg/m3), Chlorophyll-b (mg/m3), Chlorophyll-c (mg/m3), Phaeophytin (mg/m3), Total suspended solids (TSS; mg/L), Turbidity (NTU)

Weather/site conditions:

Site, Sample, Year (yyyy), Period, Date (mm/dd/yyyy), Time (HH:mm), Air temperature (ºC), Cloud cover (%), Wind speed (mph), Wind direction, Rain event (Y or N), Wave height (ft), Submerged aquatic vegetation (SAV; Y, N, or ?), SAV type, Bottom type, Comments

**Method of Transferring Data to the Atlas:** Sent directly to TBEP

**How Often Data is Transferred to the Atlas:** Quarterly

**Data Current as of:** 02/28/2022   
  
**Disclaimer/Use Constraints:** None

**Custodian Information:**   
Pinellas County Public Works   
Division of Environmental Management  
Contact Name: Emma Dontis  
Contact Phone: (727) 464-4798   
Contact E-mail: [edontis@pinellascounty.org](mailto:edontis@pinellascounty.org)   
Contact URL: [www.pinellascounty.org](http://www.pinellascounty.org)