

ATTACHMENT D - Water Table Elevations Map

DRAFT

Water Table Elevation based on USGS Monitoring Well Data	
Monitoring Well Number	7 Year Average Feet NAVD
1403	2.44
1405	1.70
1410	0.98
1411	1.78
1412	2.32
1414	1.81
1415	1.83
1416	1.71
1451	1.83
1453	1.85
1455	1.64
1457	1.85
1459	2.52
1476	1.11
1478	1.18
1480	1.16
1482	1.51
1484	1.06
1486	1.39
1488	0.95
1492	1.59
1494	1.58
1497	1.34
1499	1.52
1501	1.80
1503	0.60

Data Sources:
 USGS Groundwater Study 1971-1977;
 "Maximum Water Table Configuration for Sanibel Island, Lee County, 1977" by Richard K. Krulik, 1988;
 VDatum - Vertical Datum Transformation Tool Webinar, NOAA, 2013;
 Lee County GIS - Parcel Boundaries

Notes for Use of Groundwater Monitoring Wells Map:

1. Groundwater monitoring wells were installed and monitored by USGS.
2. Monitoring well locations based upon "Maximum Water Table Configuration for Sanibel Island, Lee County, 1977" by Richard K. Krulik, 1988.
3. Original USGS data is feet relative to MSL.
4. Data conversion from MSL to NAVD-88 based upon NOAA vertical datum conversion information of 0.27 meters or 0.88 feet difference between MSL and NAVD-88 (2013 Webinar).
5. The groundwater elevation at each well is based upon the 7 year average (i.e., 1971-1977).