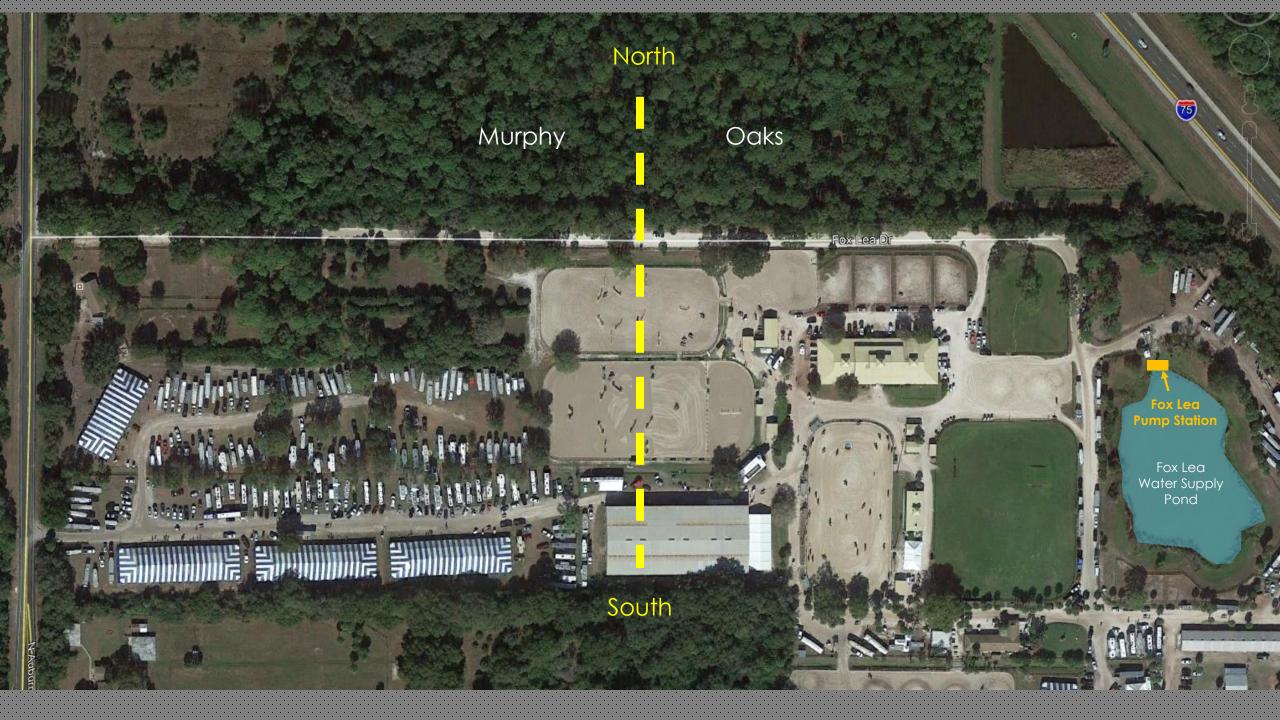
Fox Lea Farm Water Table Monitoring and Mitigation Plan



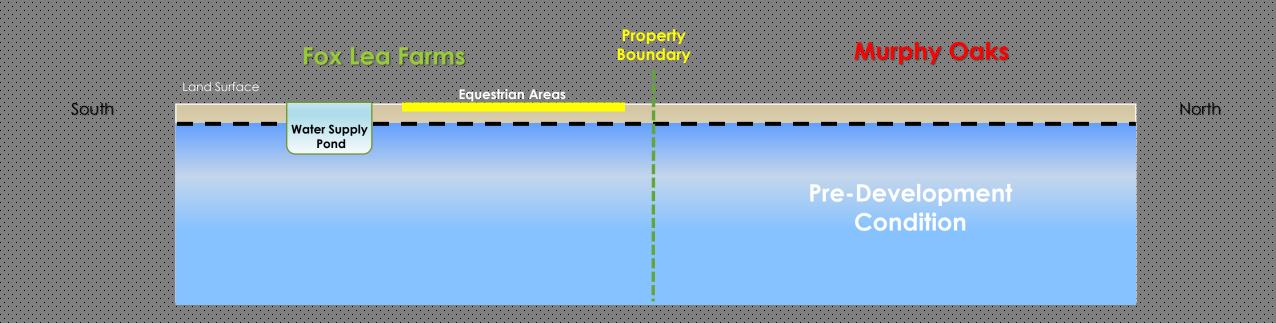
DAVID J. BROWN, P.G



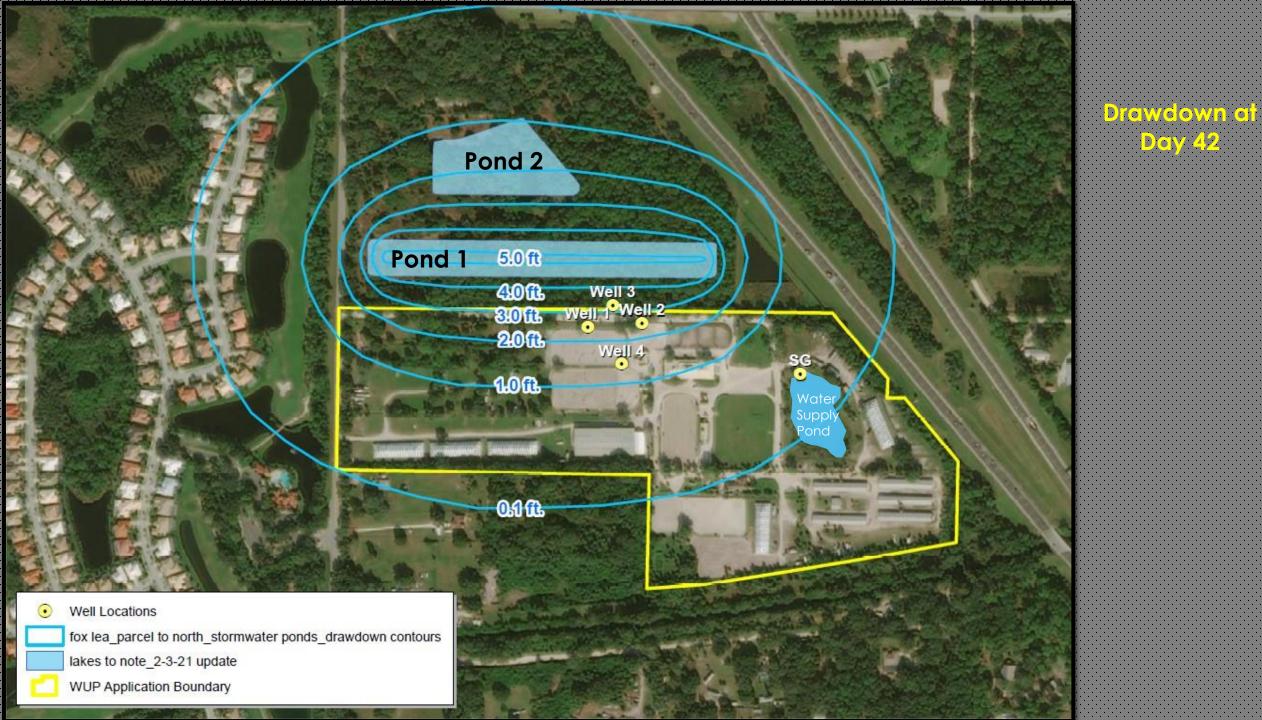




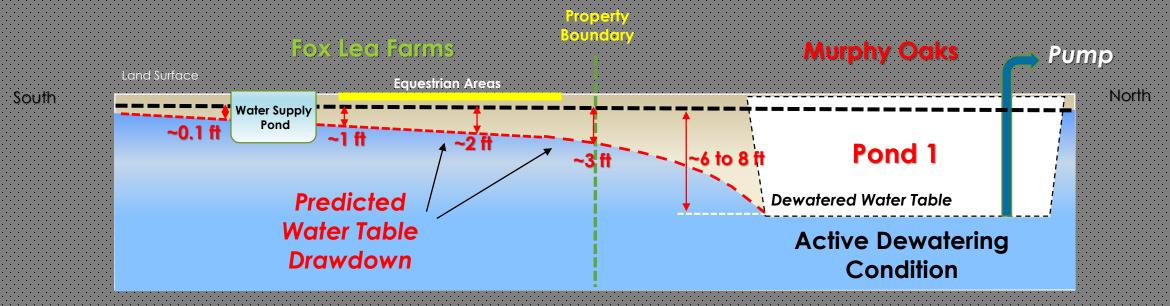
Generalized Cross-Section (looking west)



Starting Conditions



Generalized Dewatering Cross-Section (looking west)



Elevations are Not to Scale

Active Dewatering

Fox Lea's Stipulation - Definition of Terms:

Compliance Levels

The Dewatering Model's site-specific water table levels (drawdown) for the water table monitoring wells shall be referred to collectively as the "Compliance Levels."

The Developer shall not allow water table measurements at any of the water table monitoring wells to be depressed below the Compliance Levels.

Adverse Impacts

An "Adverse Impact" is deemed to occur whenever the measured water table level at any of the water table monitoring wells is **greater than one-tenth (0.10) of a foot below the Compliance Level** (i.e., one-fifteenth (0.15) of a foot below the Compliance level). At all times, the Developer should maintain water table levels at all water table monitoring wells at, or above, Compliance Levels in order to avoid an Adverse Impact.

Avoidance and Mitigation of Adverse Impacts

The parties agree that once a measured water level at any of the water table monitoring wells decreases to within one (1) foot above the Compliance Level, it indicates that the present dewatering rate is likely to cause water levels to continue to decrease if onsite monitoring of dewatering rates does not occur. The intent of these provisions is only to require the site dewatering contractor to be present onsite to monitor and adjust dewatering rates, as necessary, so that all water levels do not continue to decrease to an Adverse Impact level. Therefore, so long as all measured water levels at all water table monitoring wells are greater than one (1) foot above the Compliance Level, onsite monitoring shall not be required.

Fox Lea Stipulation – Water Table Monitoring and Mitigation Plan



As soon as a measured water level at any of the water table monitoring wells are at or within one (1) foot above the Compliance Level, the site dewatering contractor shall be present at the construction site to monitor conditions and take actions necessary to avoid and mitigate adverse impacts.

0.5 foot above Compliance

As soon as a measured water level any of the water table monitoring wells are less than one-half (0.5) foot above the Compliance Level, the site dewatering contractor shall immediately reduce the dewatering rate to correct water table levels so that measurements at all water table monitoring wells are at or above the Compliance Level.

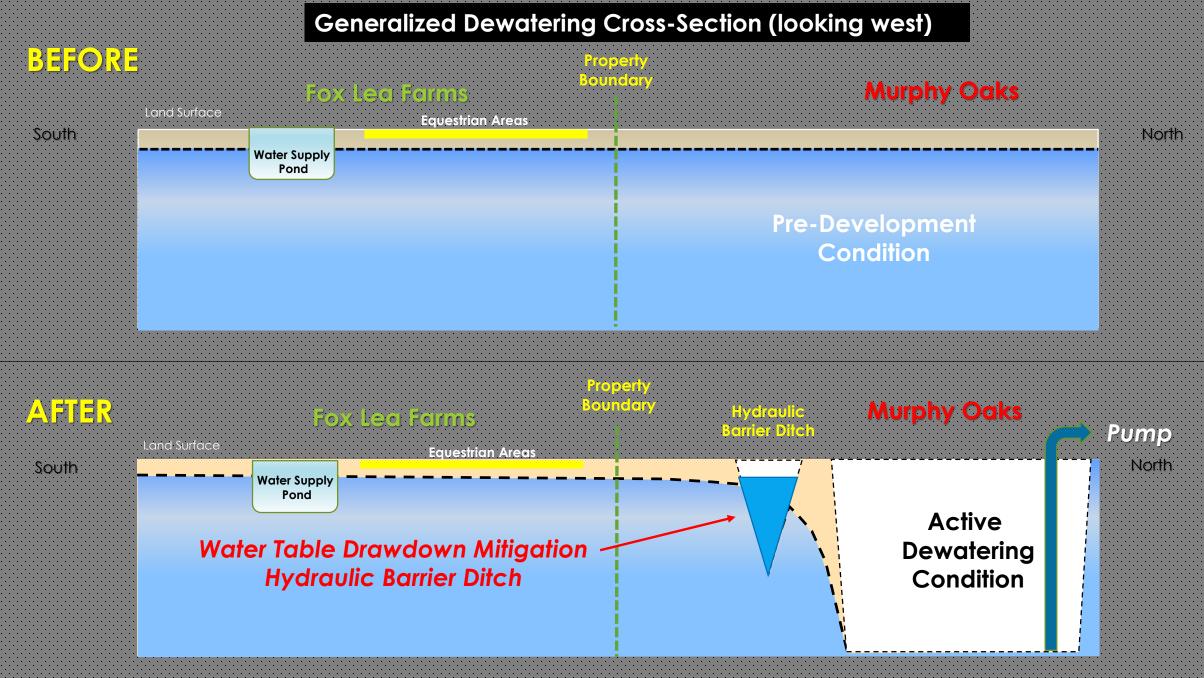
Model Drawdown = Compliance Level



As soon as an Adverse Impact occurs (when the measured water level any of the water table monitoring wells is greater than one-tenth (0.10) of a foot below the Compliance Level), the site dewatering contractor shall immediately cease all dewatering activities.

Adverse Conditions occur when Water Levels Drop to 0.1 ft below Compliance Levels

Thank You



Elevations are Not to Scale





Windham Stipulation – Surficial Aquifer System Monitoring and Mitigation Plan

1.0 foot above Compliance

Caution Level 1 - Personnel available to monitor and manage the pumping rate within an hour's notice until groundwater levels return to levels greater than 1.0-ft. above the Compliance Level.

0.5 foot above Compliance

Caution Level 2 - <u>Within 1 hour</u> personnel shall <u>reduce the pumping rate by 10 percent</u> or a rate necessary to prevent groundwater levels from falling below the Compliance Level, <u>direct construction dewatering water to the Fox Lea Drive ditch</u>, unless already full, record the new pumping rate, and email Recipients. <u>Pump rates may be increased if the change in groundwater levels stabilize and will not exceed the Compliance Level</u>.

Model Drawdown = Compliance Level



Caution Level 3 - Within 1 hour personnel shall reduce pumping rate as necessary to prevent an Adverse Impact, direct construction dewatering water to the Fox Lea Drive ditch, unless already full, record pumping rate and email Recipients. Dewatering shall not resume until groundwater levels rebound to greater than 0.25-ft. above the Compliance Level, and pumping rates shall remain at levels that do not allow groundwater levels to fall below the Compliance Level.

Adverse Conditions occur when Water Levels Drop to 0.1 ft below Compliance Levels