



# UNIVERSAL ENGINEERING SCIENCES

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- Sarasota
- Tampa
- Tifton
- West Palm Beach

June 16, 2021

Morgan Group Development  
5606 South Rice Ave  
Houston, TX 77081

Attention: Kamil Salame

Reference: **ADDENDUM REPORT - GROUNDWATER MONITORING**

Anclote Harbor Apartments  
US 19 and Atlantic Avenue  
Tarpon Springs, Pinellas County, Florida  
UES Project No.:1185.2000136.0000  
UES Report No.: G-MD-AHA-2

Dear Mr. Salame:

Universal Engineering Sciences (UES) has provided groundwater monitoring services as per your request at the referenced project site.

UES installed twelve (12) piezometers (P-1 through P-12) at select locations to measure groundwater levels at various elevations in the proposed stormwater ponds. The piezometer locations were located in the field using a handheld GPS device. The piezometers were installed to depths of approximately 7 to 20 feet below the existing ground surface. Water level measurements were obtained by measuring the depth of the water level in the piezometers with a water level meter. The elevations shown were provided by Florida Land Design & Permitting, Inc. The attached table shows ground surface elevations and approximate water level elevations at each piezometer location. The piezometer locations shown on the attached drawings were estimated based on overlaying the files onto Google earth and using hand held GPS to locate in the field.

We appreciate the opportunity to work with you on this project and look forward to a continued association. Please do not hesitate to contact us if you should have any questions.

Respectfully submitted,

**UNIVERSAL ENGINEERING SCIENCES, INC.**

Certificate of Authorization Number 549

William (Trey) Pippin, E.I.  
Staff Engineer

Surendra V. Sagi, P.E.  
Principal Engineer

Attached:

Water Level Measurements  
Piezometer Locations

**Table 1: Water Level Measurements**

| <b>Piezometer Location</b>  | <b>*Ground Surface Elevation (ft)</b> | <b>**Approximate Water Level Elevation (ft) on April 28, 2021</b> | <b>Estimated Seasonal High Groundwater Table Elevation</b> |
|---|---------------------------------------|---|--|
| P-1   | 5.6                                   | 2.0   | 3.5  |
| P-2   | 5.0                                   | 1.3   | 2.8  |
| P-3   | 9.3                                   | 1.2   | 2.7  |
| P-4   | 10.4                                  | 1.4   | 2.9  |
| P-5   | 14.9                                  | 1.8   | 3.3  |
| P-6   | 18.1                                  | 3.8   | 5.3  |
| P-7   | 20.4                                  | 2.8   | 4.3  |
| P-8   | 21.2                                  | 3.0   | 4.5  |
| P-9   | 21.9                                  | 4.0   | 5.5  |
| P-10  | 17.2                                  | 2.9   | 4.4  |
| P-11  | 4.3                                   | 1.3   | 2.8  |
| P-12  | 8.4                                   | 1.2   | 2.7  |
| *Provided by Florida Land Design & Permitting, Inc.<br>**Rounded to the nearest tenth of a foot |                                       |   |  |