



# Underground Flow Equalization System – Bay Meadows Groundwater Monitoring

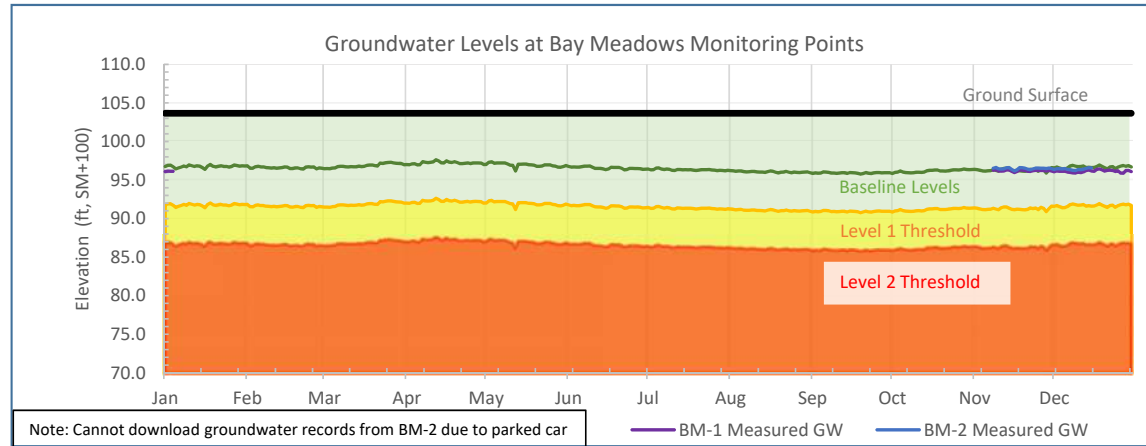
**Purpose & Goals:** Monitor and evaluate the groundwater elevations at various locations during dewatering activities to mitigate potential settlement concerns with the adjacent properties. Ensure fluctuations of the groundwater elevations stay within the seasonal baseline levels by managing the dewatering discharge rates.

**Monitoring Period:** November 9, 2020, to January 6, 2021

**Action Summary:** **No Remedial Action Required; Work Continues**



**Approximate Locations of Bay Meadows Piezometers  
BM-1 and BM-2**



### Legend

- Groundwater Elevation Readings from two Bay Meadows Piezometers (BM-1 and BM-2)
- Green Zone: If BM-1 and BM-2 elevations are within this green zone, work shall continue. No Remedial Action Necessary.
- Yellow Zone: If BM-1 or BM-2 elevations are within this yellow zone, City shall determine changes to better control groundwater levels and implement corrective actions.
- Red Zone: If BM-1 or BM-2 elevations are within this red zone, work will stop immediately and a plan will be developed to address groundwater depletion.
- Normal Baseline Levels
- Level 1 Threshold; 5-feet below baseline
- Level 2 Threshold; 10-feet below baseline

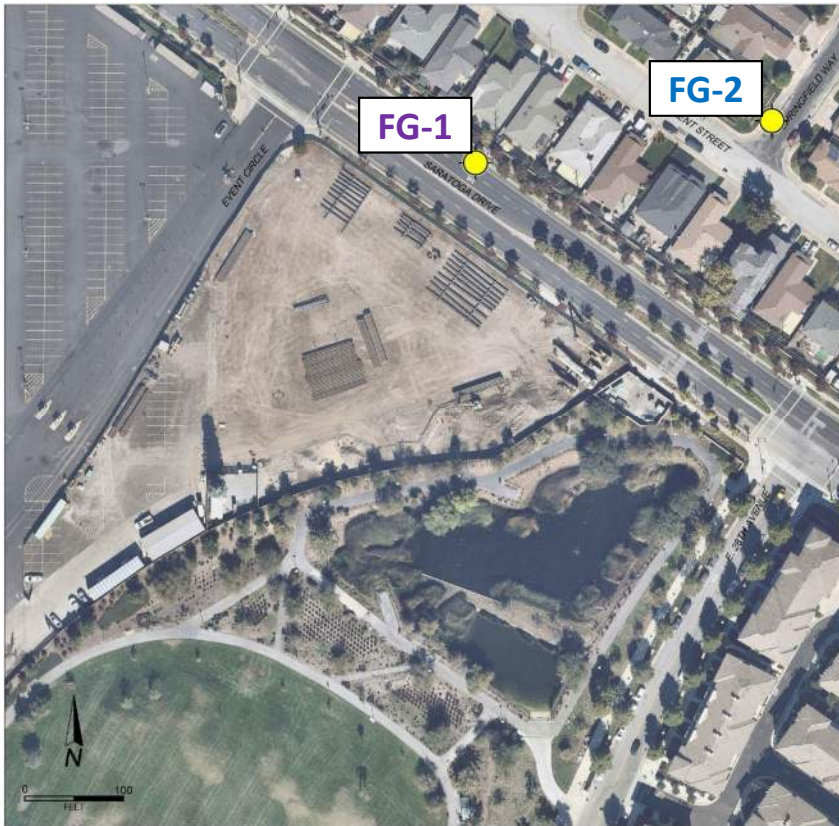


## Underground Flow Equalization System - Fiesta Gardens Groundwater Monitoring

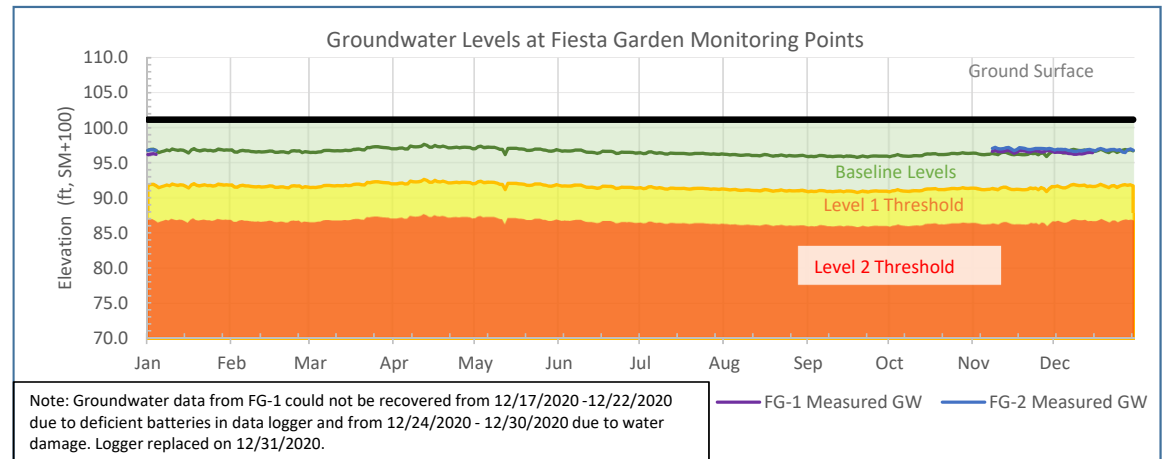
**Purpose & Goals:** Monitor and evaluate the groundwater elevations at various locations during dewatering activities to mitigate potential settlement concerns with the adjacent properties. Ensure fluctuations of the groundwater elevations stay within the seasonal baseline levels by managing the dewatering discharge rates.

**Monitoring Period:** November 9, 2020, to January 6, 2021

**Action Summary:** **No Remedial Action Required; Work Continues**



**Approximate Locations of Fiesta Gardens Piezometers  
FG-1 and FG-2**



### Legend

- — Groundwater Elevation Readings from two Fiesta Gardens Piezometers (FG-1 and FG-2)
- Green Zone: If FG-1 and FG-2 elevations are within this green zone, work shall continue. No Remedial Action Necessary.
- Yellow Zone: If FG-1 or FG-2 elevations are within this yellow zone, City shall determine changes to better control groundwater levels and implement corrective actions.
- Red Zone: If FG-1 or FG-2 elevations are within this red zone, work will stop immediately and a plan will be developed to address groundwater depletion.
- Normal Baseline Levels
- - - - - Level 1 Threshold; 5-feet below baseline
- - - - - Level 2 Threshold; 10-feet below baseline

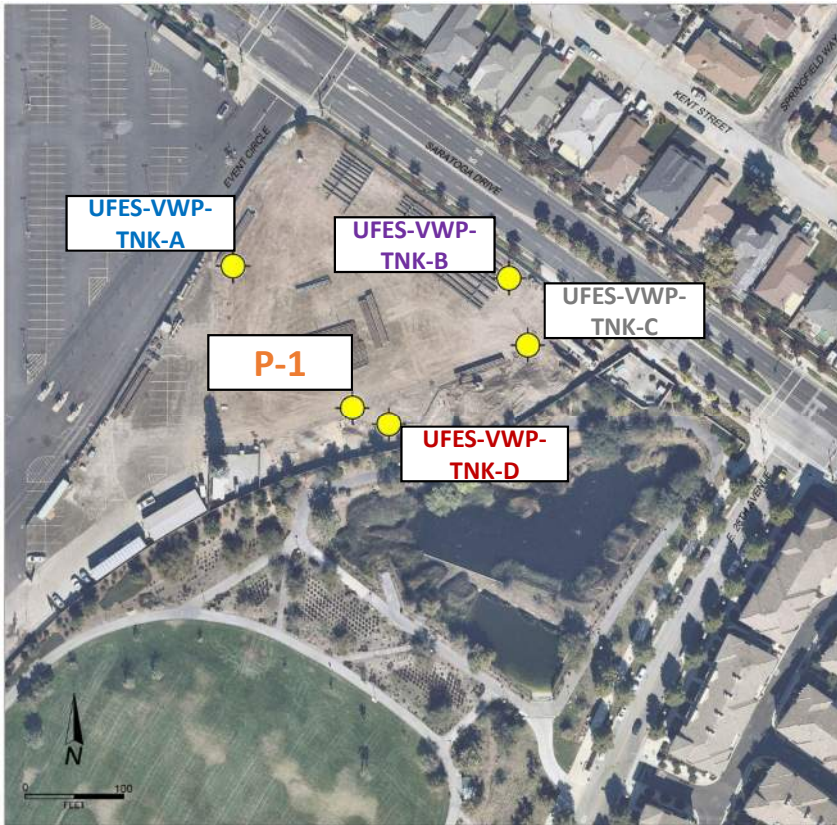


## Underground Flow Equalization System – UFES Groundwater Monitoring

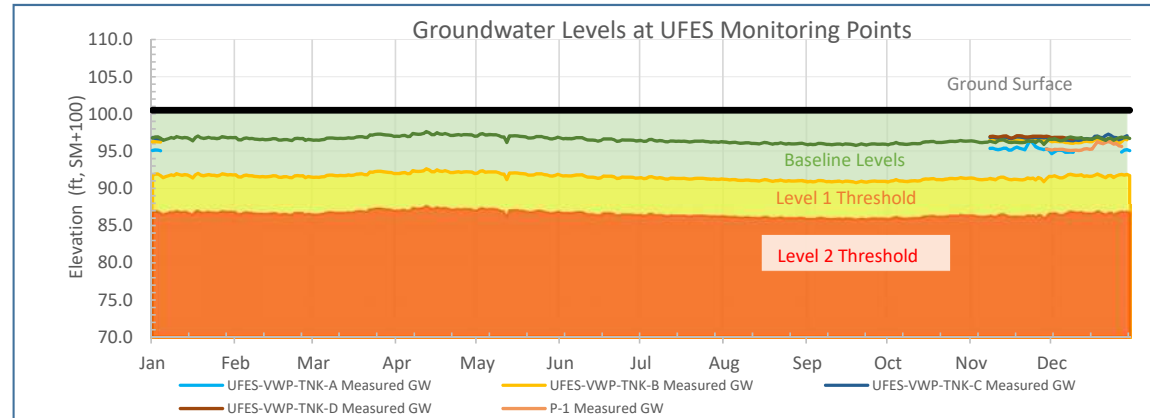
**Purpose & Goals:** Monitor and evaluate the groundwater elevations at various locations during dewatering activities to mitigate potential settlement concerns with the adjacent properties. Ensure fluctuations of the groundwater elevations stay within the seasonal baseline levels by managing the dewatering discharge rates.

**Monitoring Period:** November 9, 2020, to January 5, 2021

**Action Summary:** **No Remedial Action Required; Work Continues**



**Approximate Locations of UFES Piezometers  
UFES-VWP-TNK-A, -B, -C, -D, and P-1**



Note: Groundwater data for P-1 was not retrieved from 11/12/2020 to 11/29/2020 due to water damage to the data logger. The logger was replaced on 11/30/2020 and logging was resumed. Groundwater data for UFES-VWP-TNK-A and UFES-VWP-TNK-D were not retrieved from 12/11/2020 to 12/20/2020 and from 12/22/2020 to 12/27/2020 due to water damaged data loggers. Groundwater data for UFES-VWP-TNK-D and P-1 were not retrieved from 12/29/2020 to 01/05/2021.

### Legend

- Groundwater Elevation Readings from four UFES Piezometers
- Green Zone: If UFES-VWP-TNK-A, -B, -C and -D elevations are within this green zone, work shall continue. No Remedial Action Necessary.
- Yellow Zone: If UFES-VWP-TNK-A, -B, -C and -D elevations are within this yellow zone, City shall determine changes to better control groundwater levels and implement corrective actions.
- Red Zone: If UFES-VWP-TNK-A, -B, -C and -D elevations are within this red zone, work will stop immediately and a plan will be developed to address groundwater depletion.
- Normal Baseline Levels
- Level 1 Threshold; 5-feet below baseline
- Level 2 Threshold; 10-feet below baseline