

**Lehigh County Authority
Water Supply Report**

| | |
|-------|-----------|
| Date: | 7/28/2017 |
|-------|-----------|

| Monitoring Point | Measurement | Normal Conditions | Drought Declaration Trigger Points | | | Current Conditions |
|---|--|-------------------|------------------------------------|-----------------|-------------------|--------------------|
| | | | Stage 1 Watch | Stage 2 Warning | Stage 3 Emergency | |
| Upper Macungie Park Quarry | Feet above sea level (<i>lower measure = lower water level</i>) | > 404 | 404 | 396 | 392 | 408 |
| Lower Macungie Monitoring Well | Feet below casing top (<i>higher measure = lower water level</i>) | < 39 | 39 | 40 | 41 | 36.5 |
| Little Lehigh Creek at USGS Gage-10th St. | Cubic feet per second (cfs) (<i>lower measure = lower stream flow</i>) | > 64 | 64 | 54 | 46 | 95.2 |

| | |
|------------------------------------|-------------------|
| LCA Water Supply Status | Normal Conditions |
| DEP Drought Status (Lehigh County) | Normal Conditions |
| LCA Drought Status | Normal Conditions |

Stage 1 - Drought Watch

All three monitoring points are at Stage 1 levels

- OR -

Drought Watch declared by Commonwealth of Pennsylvania or the Delaware River Basin Commission

Stage 2 - Drought Warning

All three monitoring points are at Stage 2 levels

- OR -

Drought Warning declared by Commonwealth of Pennsylvania or the Delaware River Basin Commission

Stage 3 - Drought Emergency

All three monitoring points are at Stage 3 levels

- OR -

Drought Emergency declared by Commonwealth of Pennsylvania or the Delaware River Basin Commission

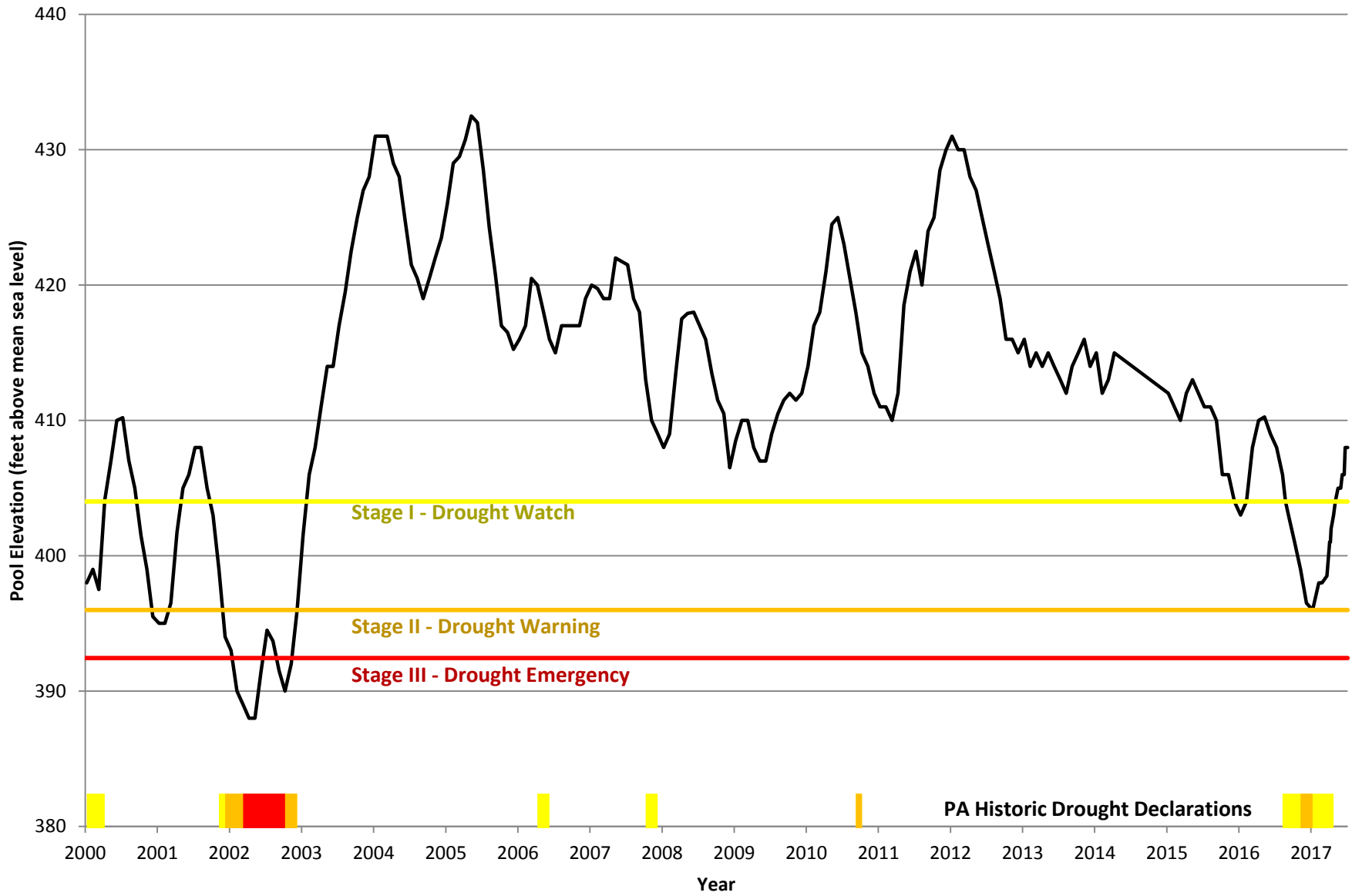
- OR -

LCA is unable to meet system demand for other reasons (operational / mechanical)

- OR -

Little Lehigh Creek AND Lehigh River pass-by flows are less than required minimums (16 cfs for Little Lehigh; 400 cfs for Lehigh River)

Lehigh County Authority -- Drought Trigger Point # 1 Upper Macungie Park Quarry



Lehigh County Authority -- Drought Trigger Point # 2 4817 Lower Macungie Road Monitoring Well

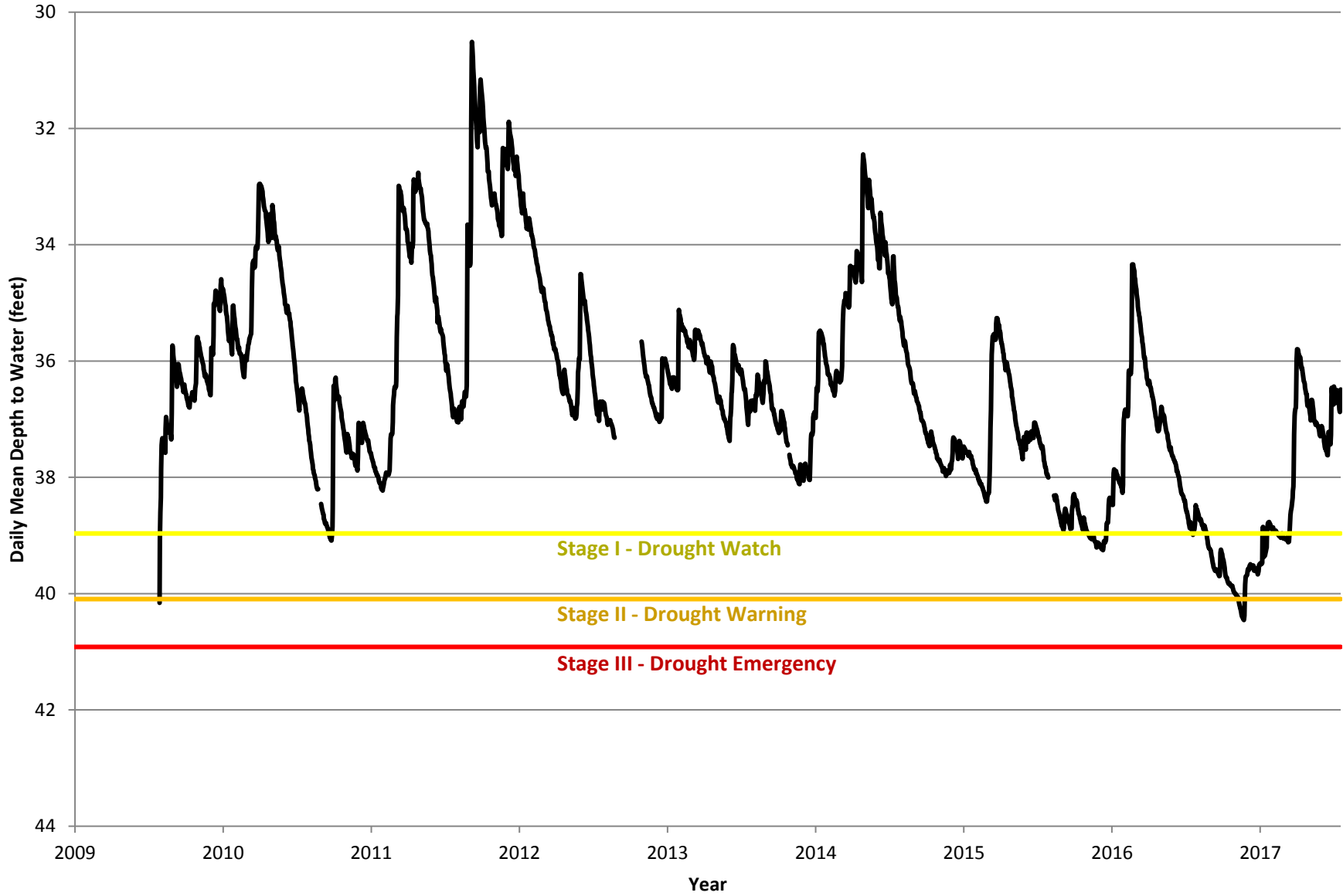


Figure 3
Little Lehigh Creek Pass-by Flow

