

Lehigh County Authority  
Water Supply Report

Date:	12/14/2023
-------	------------

		Drought Declaration Trigger Points				
Monitoring Point	Measurement	Normal Conditions	Stage 1 Watch	Stage 2 Warning	Stage 3 Emergency	Current Conditions
Upper Macungie Park Quarry	Feet above sea level ( <i>lower measure = lower water level</i> )	> 404	404	396	392	410
Lower Macungie Monitoring Well	Feet below casing top ( <i>higher measure = lower water level</i> )	< 39	39	40	41	36.65
Little Lehigh Creek at USGS Gage-10th St.	Cubic feet per second (cfs) ( <i>lower measure = lower stream flow</i> )	> 64	64	54	46	100

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

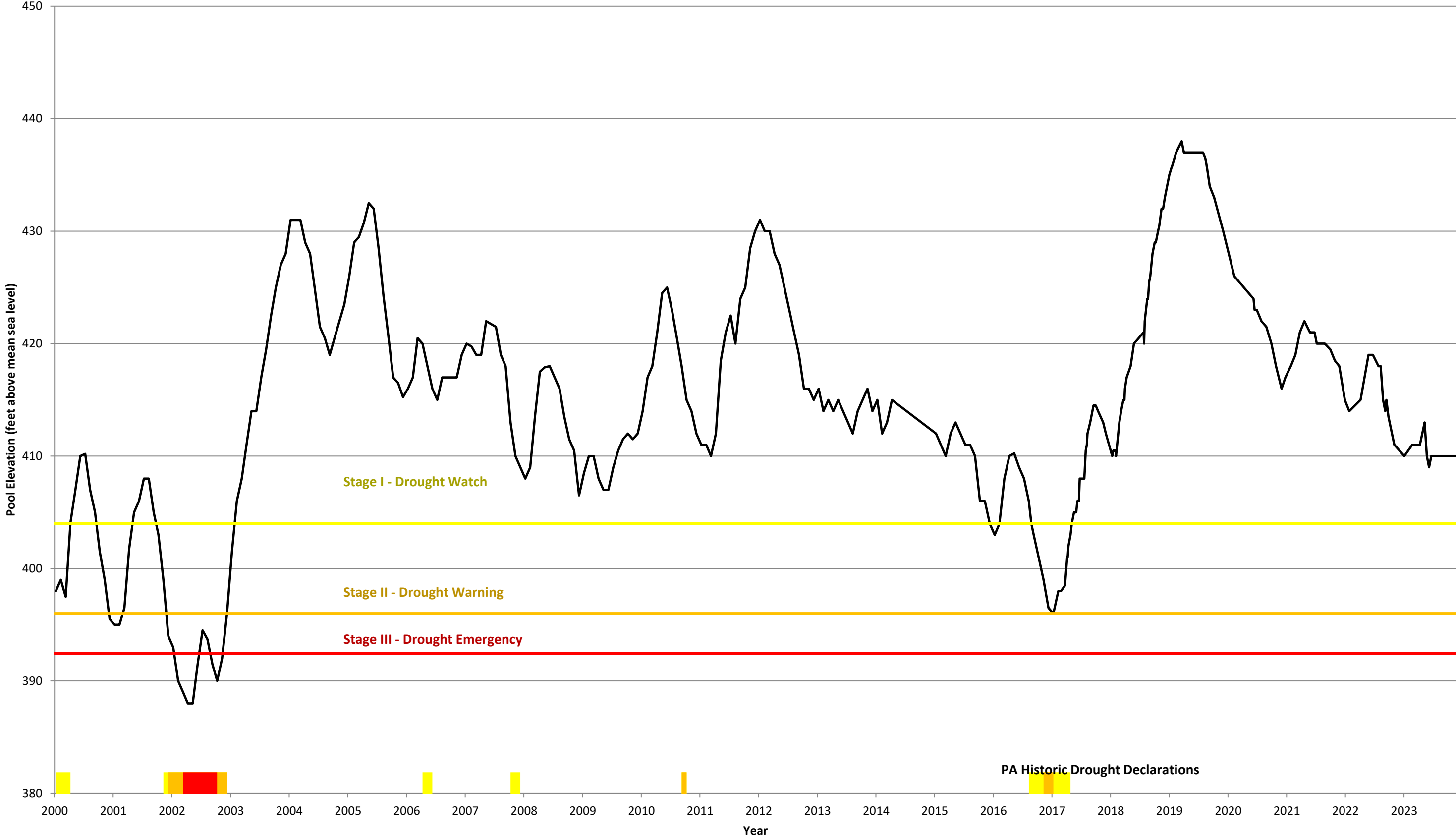
**Stage 2 - Drought Warning**

All three monitoring points are at Stage 2 levels  
- OR -  
Drought Warning declared by Commonweath of Pennsylvania or the Delaware River Basin Commission

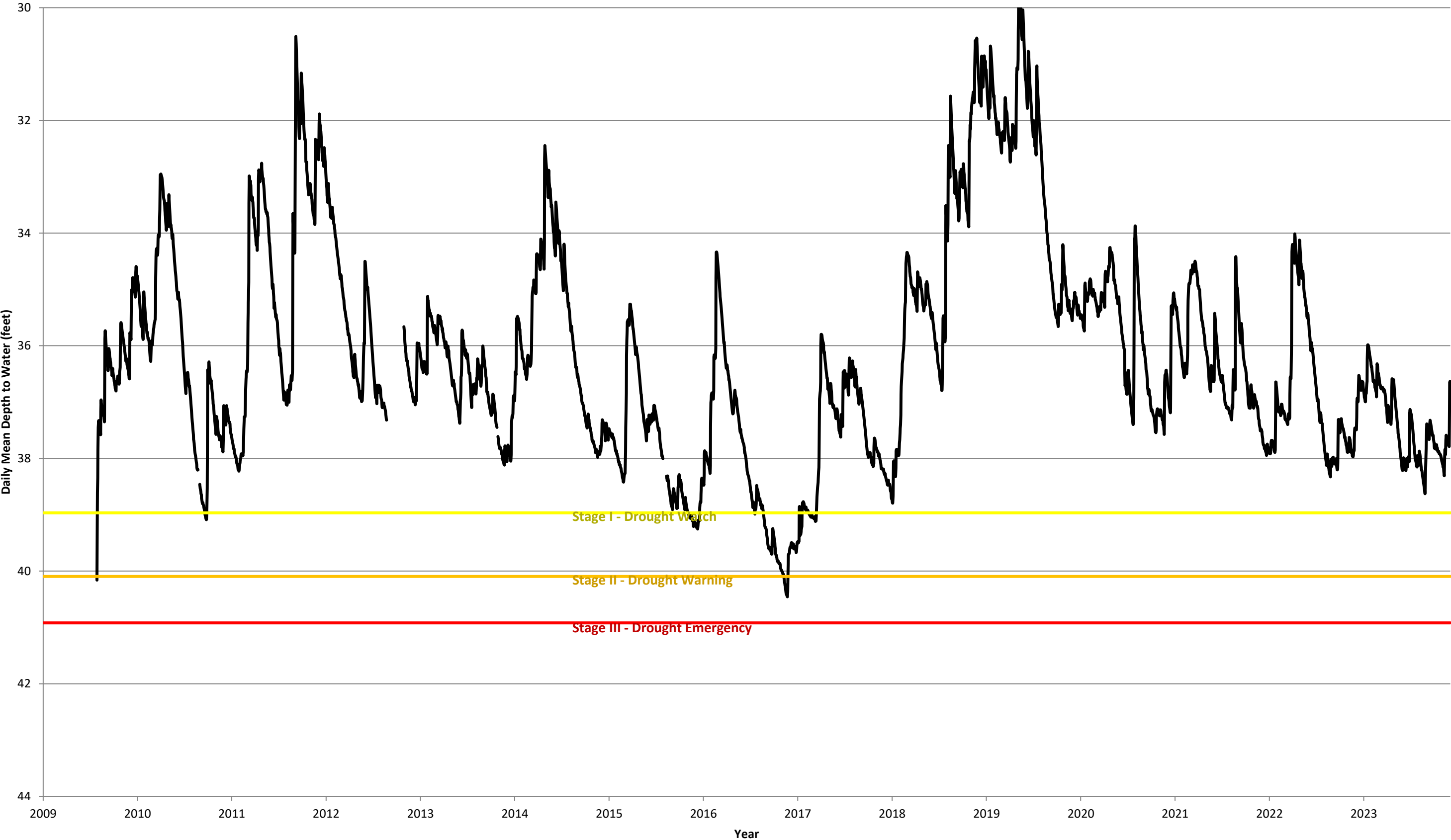
**Stage 3 - Drought Emergency**

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**

