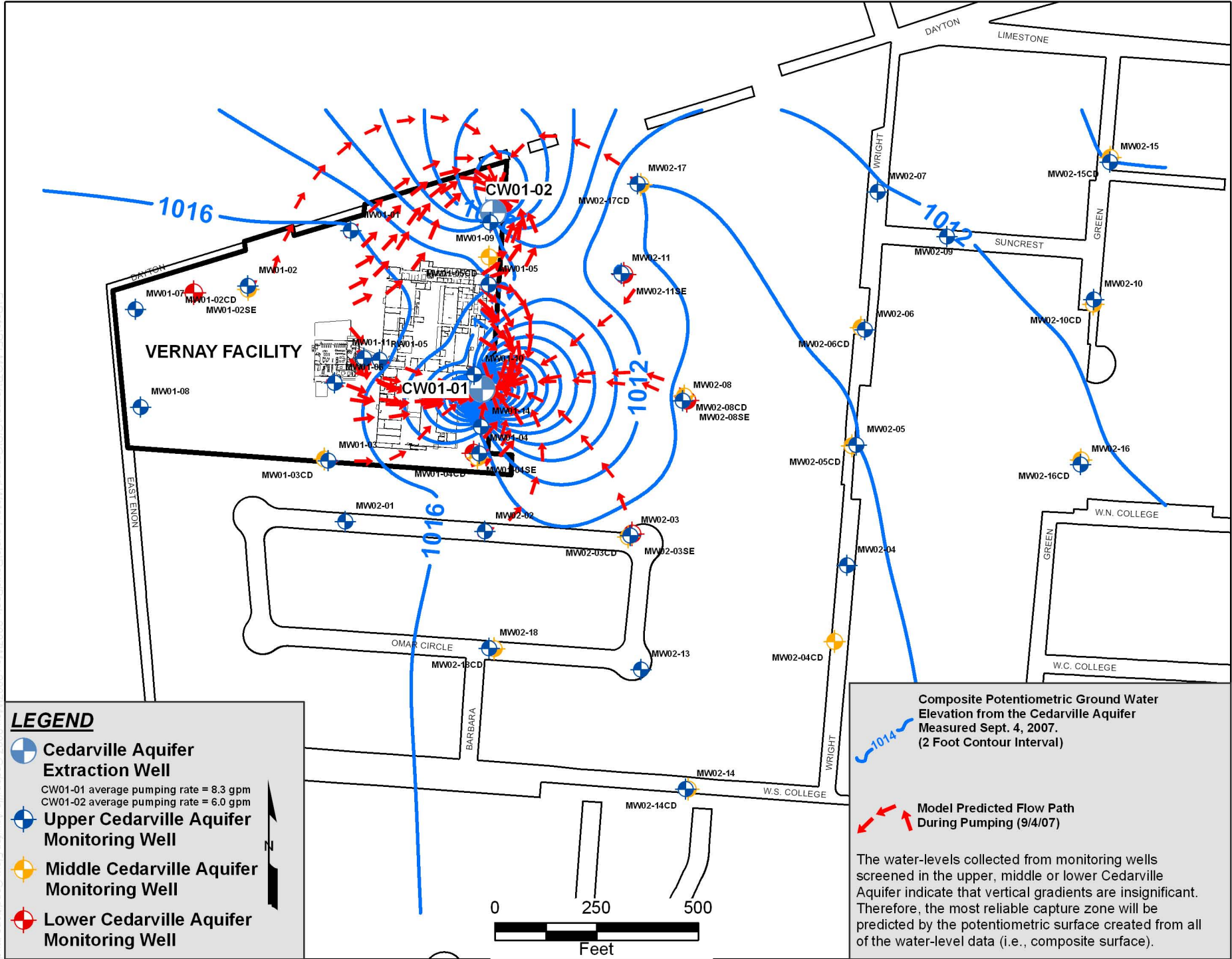



US EPA ARCHIVE DOCUMENT




LEGEND

- 
Cedarville Aquifer Extraction Well
 CW01-01 average pumping rate = 8.3 gpm
 CW01-02 average pumping rate = 6.0 gpm
- 
Upper Cedarville Aquifer Monitoring Well
- 
Middle Cedarville Aquifer Monitoring Well
- 
Lower Cedarville Aquifer Monitoring Well

Composite Potentiometric Ground Water Elevation from the Cedarville Aquifer Measured Sept. 4, 2007. (2 Foot Contour Interval)

 Model Predicted Flow Path During Pumping (9/4/07)

The water-levels collected from monitoring wells screened in the upper, middle or lower Cedarville Aquifer indicate that vertical gradients are insignificant. Therefore, the most reliable capture zone will be predicted by the potentiometric surface created from all of the water-level data (i.e., composite surface).

CLIENT	VERNAY LABORATORIES, INC.	
TITLE	CEDARVILLE AQUIFER FLOW CONDITIONS (Q3-2007)	
FIGURE NO.	Appendix II	DATE
DRAWN BY	ALH	APPROVED BY
PROJECT NO.	292.11.26	KDK
 The Payne Firm, Inc. Environmental Consultants Cincinnati / Cleveland / Chicago		
REFERENCE: Greene County Auditors, Orthophotograph (2003); State Plane Coordinates from Woodport Surveying, LLP, Dayton, Ohio (NAD83;NAD1983)		

F:\Data\PHOTO\vernay\gis\groundwater\level\cawd\cawd_2007\may_2007\may_2007_cedarville_aquifer_flow_conditions.mxd