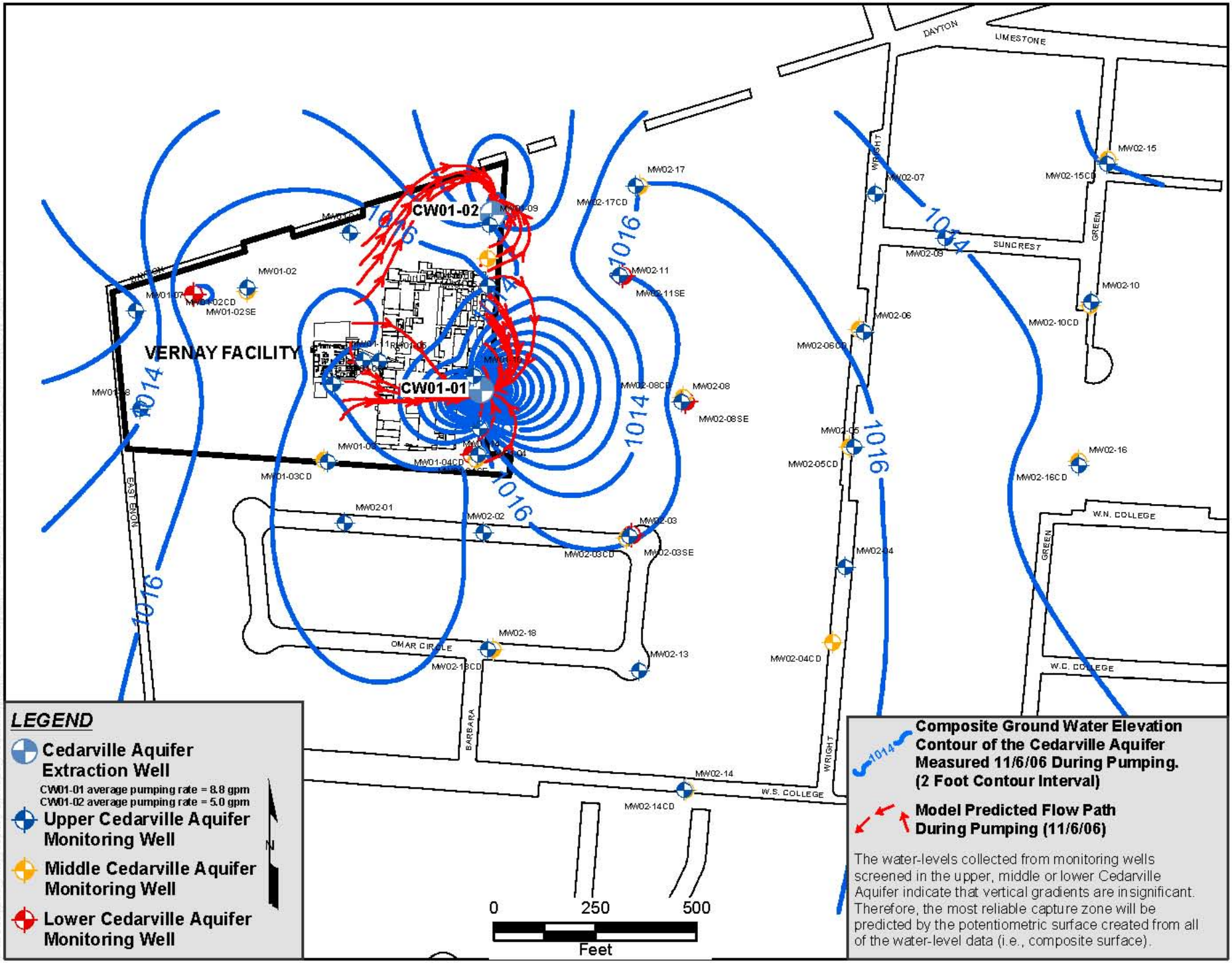

LEGEND

- **Cedarville Aquifer Extraction Well**
  - CW01-01 average pumping rate = 8.8 gpm
  - CW01-02 average pumping rate = 5.0 gpm
- **Upper Cedarville Aquifer Monitoring Well**
- **Middle Cedarville Aquifer Monitoring Well**
- **Lower Cedarville Aquifer Monitoring Well**

Composite Ground Water Elevation Contour of the Cedarville Aquifer Measured 11/6/06 During Pumping. (2 Foot Contour Interval)

Model Predicted Flow Path During Pumping (11/6/06)

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 (Q4-2006)

FIGURE NO.: Appendix H

DATE: 1/11/07

DRAWN BY: MMH

APPROVED BY: ALH

PROJECT NO.: 292.11.26

REFERENCE: Greene County Auditors, Orthophotography (2003); State Plane Coordinates from Woolpert Surveying, LLP, Dayton, Ohio (NAD83/NAVD88)

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