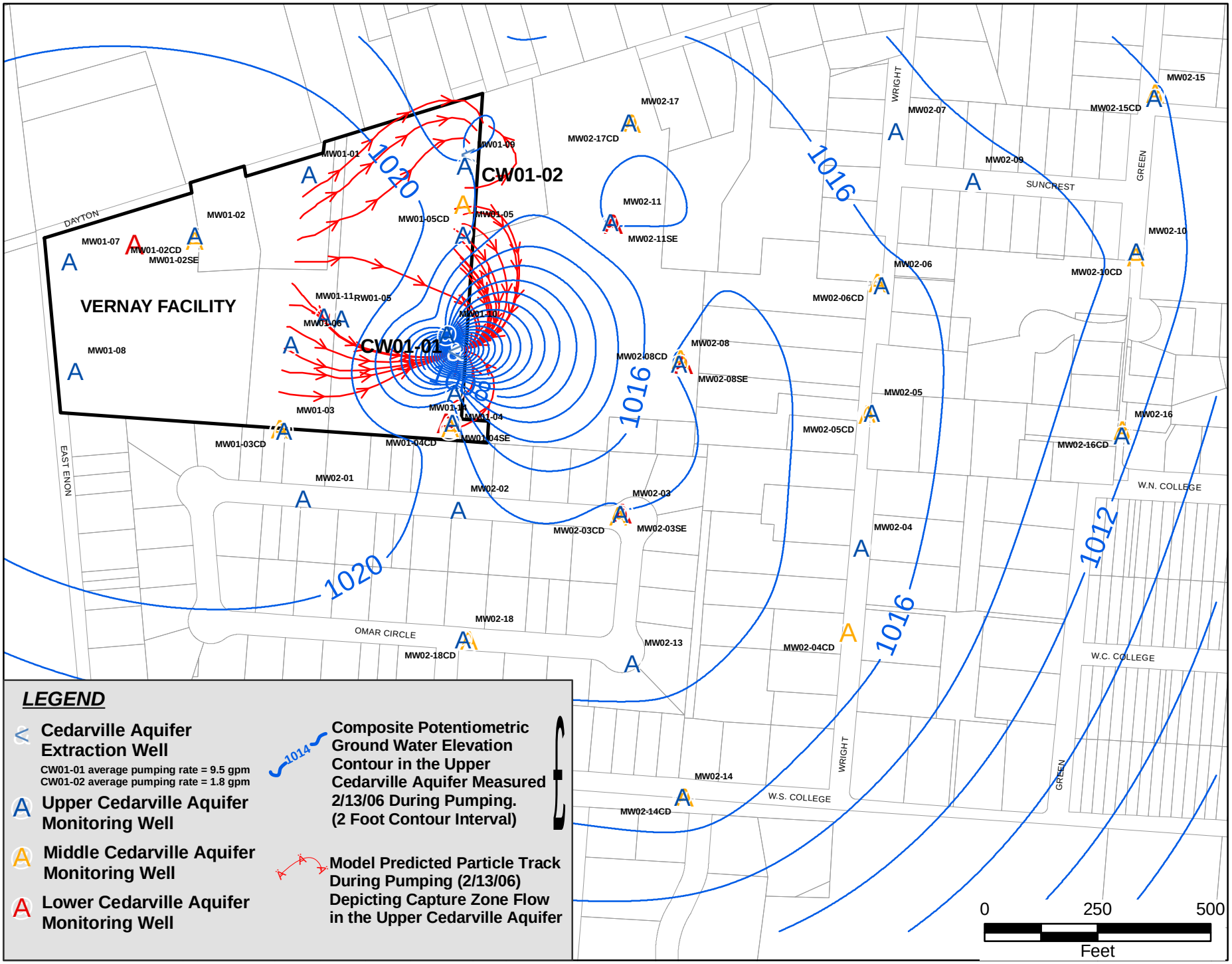

LEGEND

- Cedarville Aquifer Extraction Well
  CW01-01 average pumping rate = 9.5 gpm
  CW01-02 average pumping rate = 1.8 gpm
- Upper Cedarville Aquifer Monitoring Well
- Middle Cedarville Aquifer Monitoring Well
- Lower Cedarville Aquifer Monitoring Well
- 1014 Composite Potentiometric Ground Water Elevation Contour in the Upper Cedarville Aquifer Measured 2/13/06 During Pumping. (2 Foot Contour Interval)
- Model Predicted Particle Track During Pumping (2/13/06) Depicting Capture Zone Flow in the Upper Cedarville Aquifer

CLIENT: VERNAY LABORATORIES, INC.

TITLE: COMPOSITE MODELED EQUIPOTENTIAL SURFACE OF THE CEDARVILLE AQUIFER (FEBRUARY 2006)

FIGURE NO.: February 2006

DATE: 4/13/06

DRAWN BY: ALH

APPROVED BY: KDK

PROJECT NO.: 292.11.20

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

The Payne Firm, Inc.
Environmental Consultants
Cincinnati / Cleveland / Chicago

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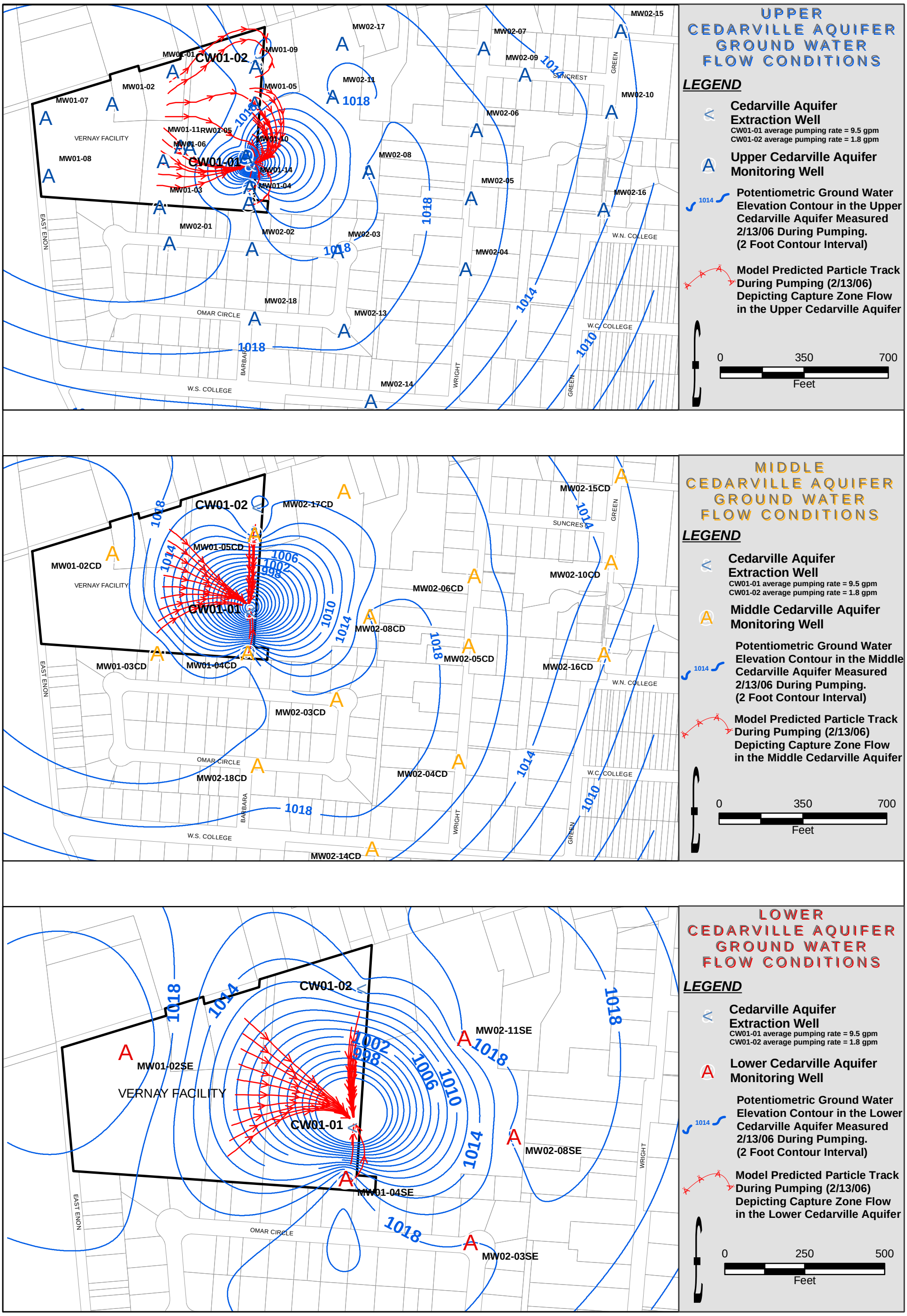

CLIENT	FIGURE	DATE	
VERNAY LABORATORIES, INC.	1	4/11/06	The Payne Firm, Inc. Environmental Consultants Cincinnati / Cleveland / Chicago
TITLE: MODELED EQUIPOTENTIAL SURFACES OF THE CEDARVILLE AQUIFER UPPER, MIDDLE AND LOWER ZONES (FEBRUARY 2006)	DRAWN BY ALH	APPROVED BY KDK	
	PROJECT NO. 0292.11.26		

REFERENCE: State Plane Coordinates from Woolpert Surveying, LLP, Dayton, Ohio (NAD83/NAVD88); Ground Water Modeling Completed by David Back, P.G., Hydrogeologist, Falls Church, VA

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