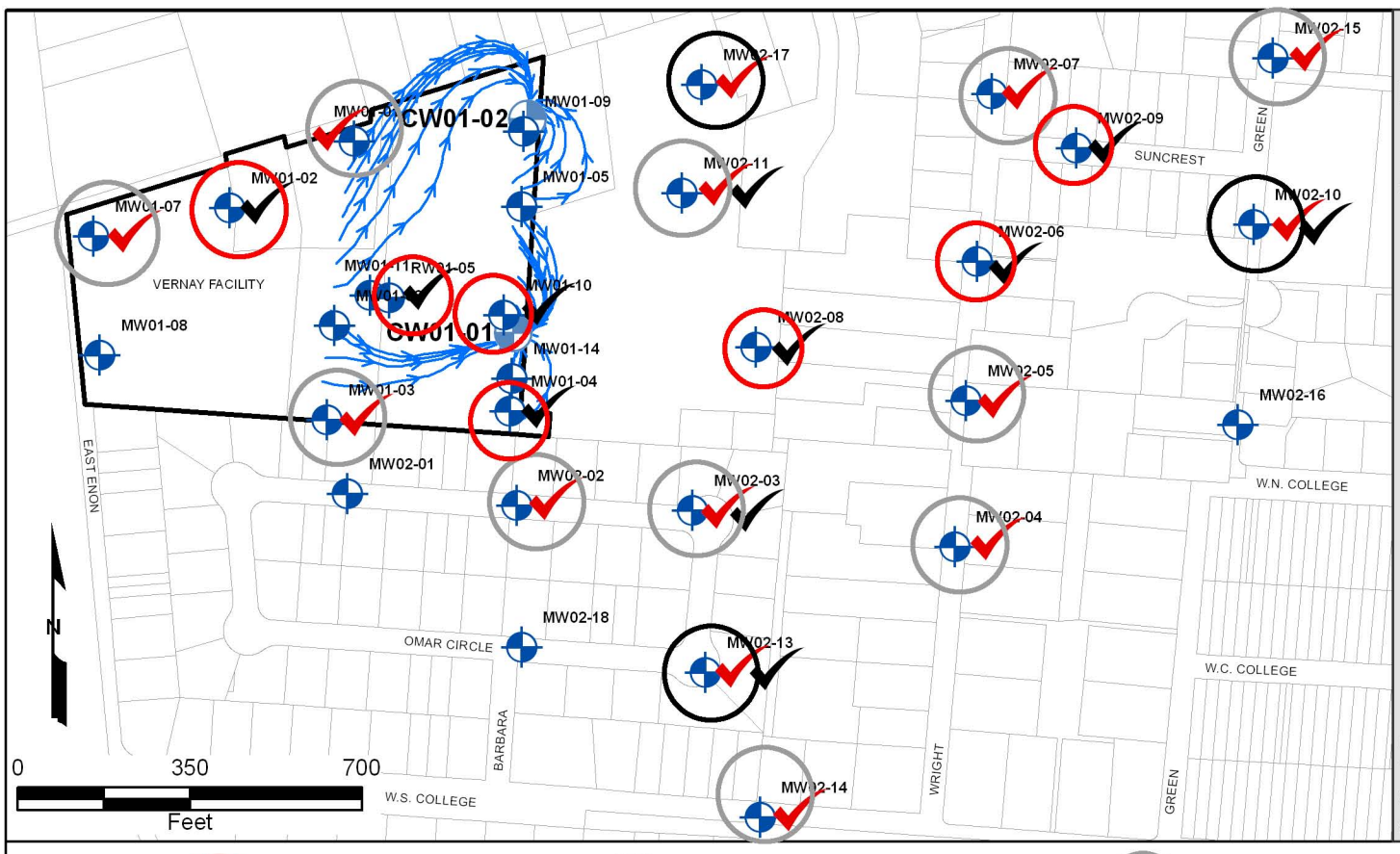


UPPER CEDARVILLE AQUIFER POST-RFI MONITORING LOCATIONS

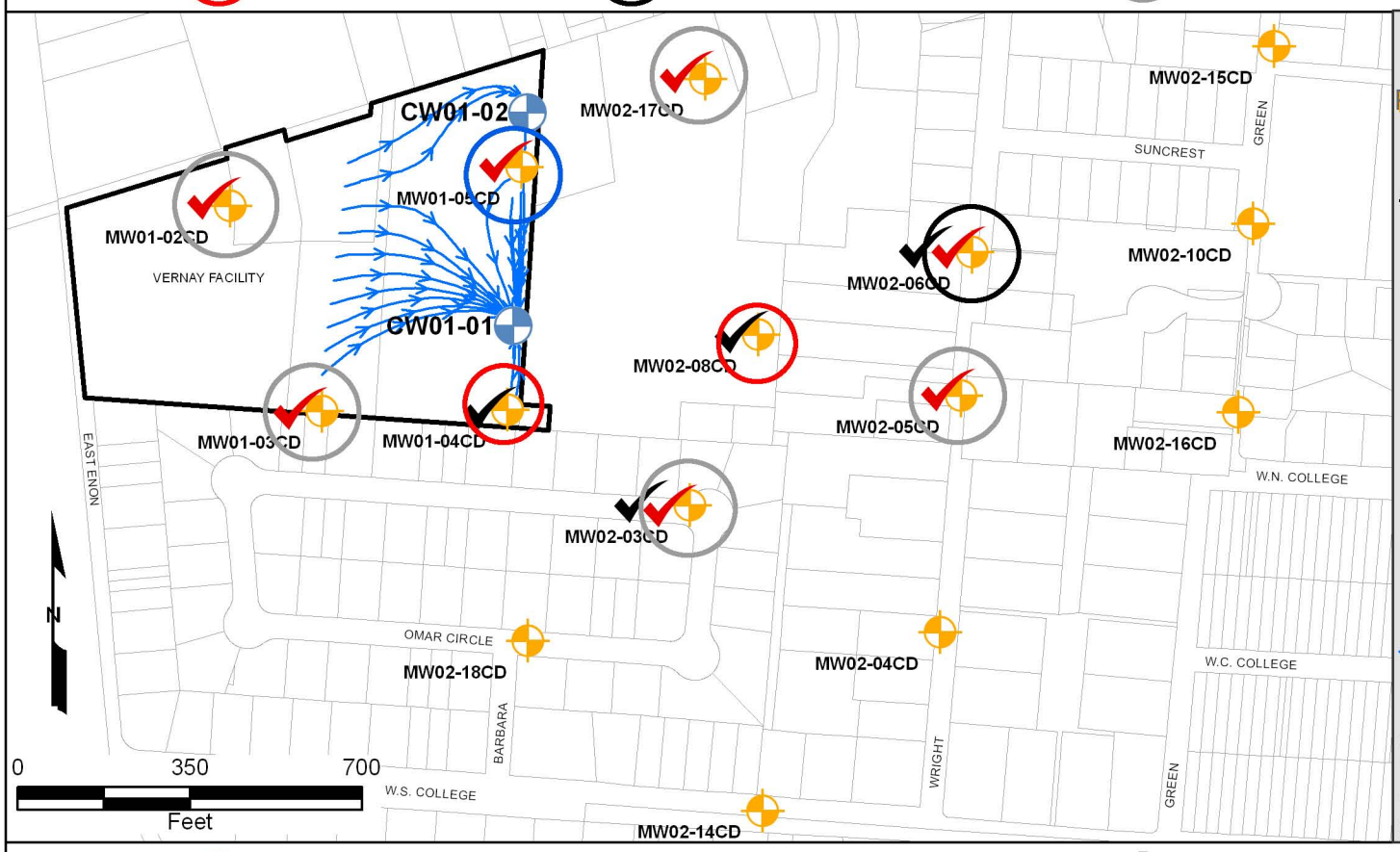
LEGEND

- **Cedarville Aquifer Extraction Well (Sampled Monthly)**
  CW01-01 average pumping rate = 8.8 gpm
  CW01-02 average pumping rate = 5.5 gpm
- **Upper Cedarville Aquifer Monitoring Well**
- **CA750 Verification Semi-Annual Monitoring Location**
- **U.S. EPA Requested Quarterly Monitoring Location**
- **Model Predicted Particle Track During Pumping (4/24/06) Depicting Capture Zone Flow in the Upper Cedarville Aquifer**

Constituents of Concern (COCs) include: Tetrachloroethene, Trichloroethene, cis-1,2-dichloroethene, vinyl chloride, and 1,2-Dichloropropane

Q2-2006 Results Key

- = COC(s) above Drinking Water Criteria
- = COC(s) above Reporting Limit but less than Drinking Water Criteria
- = ALL COCs below Reporting Limit



MIDDLE CEDARVILLE AQUIFER POST-RFI MONITORING LOCATIONS

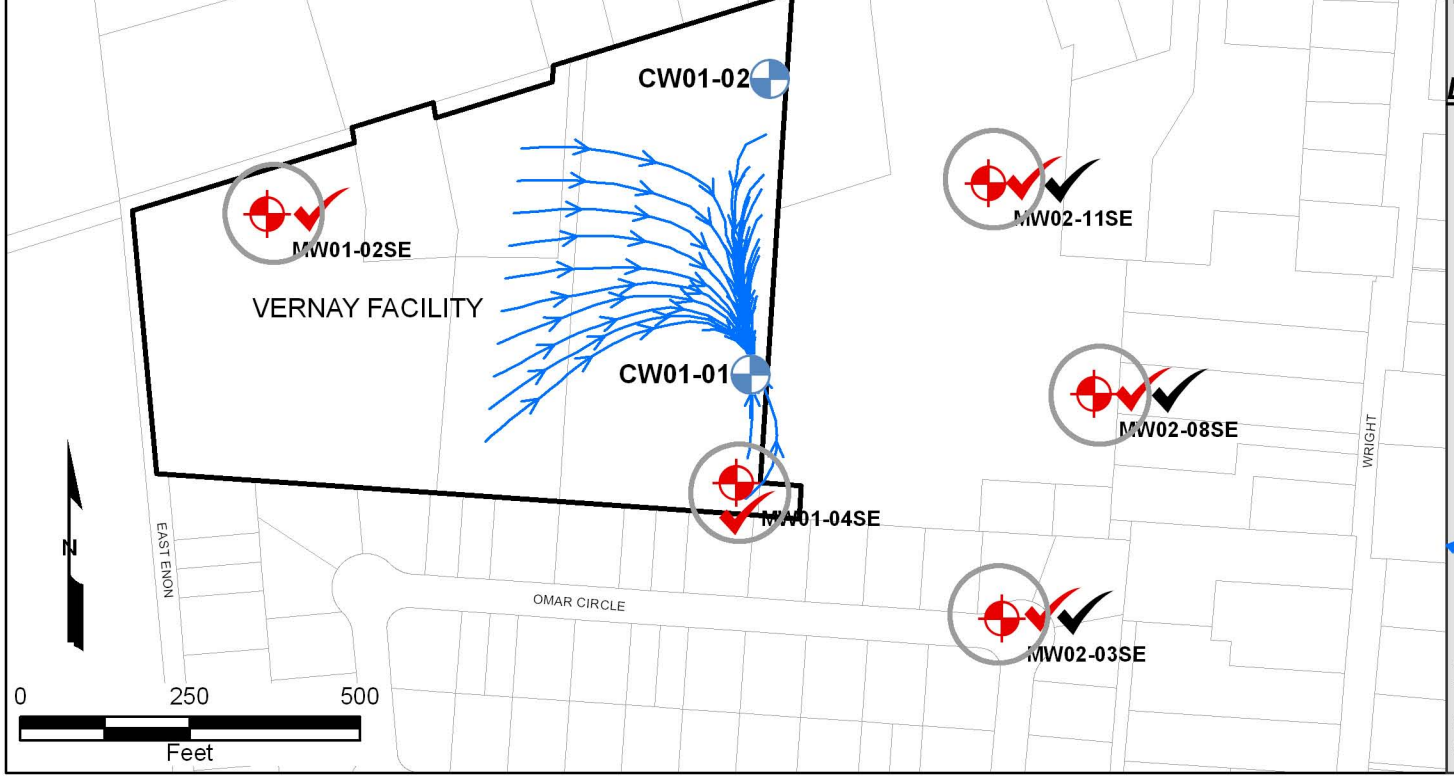
LEGEND

- **Cedarville Aquifer Extraction Well (Sampled Monthly)**
  CW01-01 average pumping rate = 8.8 gpm
  CW01-02 average pumping rate = 5.5 gpm
- **Middle Cedarville Aquifer Monitoring Well**
- **CA750 Verification Semi-Annual Monitoring Location**
- **U.S. EPA Requested Quarterly Monitoring Location**
- **Model Predicted Particle Track During Pumping (4/24/06) Depicting Capture Zone Flow in the Middle Cedarville Aquifer**

Constituents of Concern (COCs) include: Tetrachloroethene, Trichloroethene, cis-1,2-dichloroethene, vinyl chloride, and 1,2-Dichloropropane

Q2-2006 Results Key

- = COC(s) above Drinking Water Criteria
- = COC(s) above Reporting Limit but less than Drinking Water Criteria
- = ALL COCs below Reporting Limit



LOWER CEDARVILLE AQUIFER POST-RFI MONITORING LOCATIONS

LEGEND

- **Cedarville Aquifer Extraction Well (Sampled Monthly)**
  CW01-01 average pumping rate = 8.8 gpm
  CW01-02 average pumping rate = 5.5 gpm
- **Lower Cedarville Aquifer Monitoring Well**
- **CA750 Verification Semi-Annual Monitoring Location**
- **U.S. EPA Requested Quarterly Monitoring Location**
- **Model Predicted Particle Track During Pumping (4/24/06) Depicting Capture Zone Flow in the Lower Cedarville Aquifer**

Constituents of Concern (COCs) include: Tetrachloroethene, Trichloroethene, cis-1,2-dichloroethene, vinyl chloride, and 1,2-Dichloropropane

CLIENT: *VERNAY LABORATORIES, INC.*	FIGURE: *1*	DATE: *6/14/06*	
TITLE: *APRIL 2006 (Q2) POST-RFI MONITORING LOCATIONS IN THE CEDARVILLE AQUIFER*	DRAWN BY: *ALH*	APPROVED BY: *KDK*	**The Payne Firm, Inc.** Environmental Consultants Cincinnati / Cleveland / Chicago
	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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