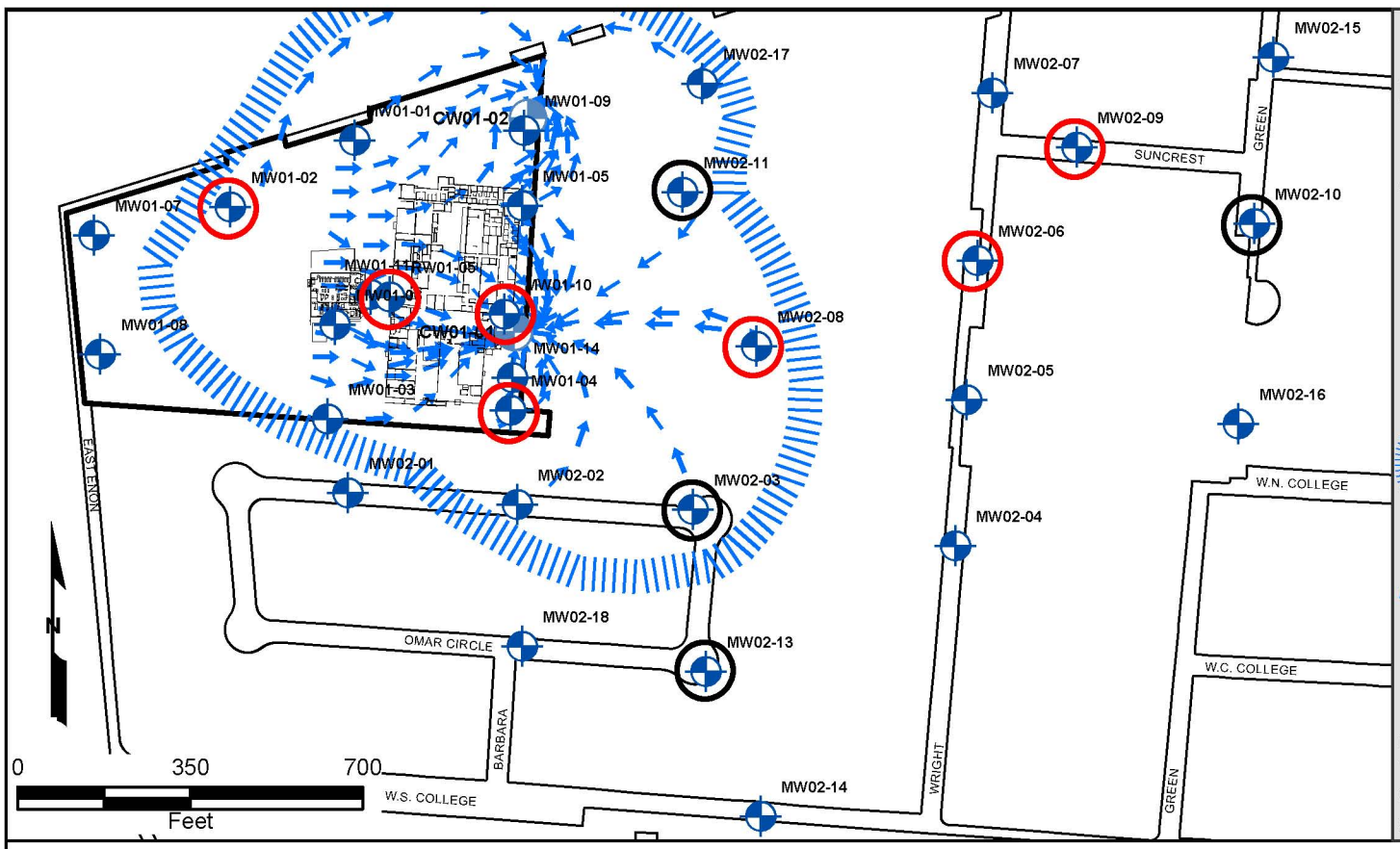


UPPER CEDARVILLE AQUIFER POST-RFI MONITORING LOCATIONS

LEGEND

Cedarville Aquifer Extraction Well (Sampled Monthly)
CW01-01 average pumping rate = 8.7 gpm
CW01-02 average pumping rate = 5.2 gpm

Upper Cedarville Aquifer Monitoring Well

Estimated Cature Zone Area Provided by Facility Interim Measure Extraction Wells

Model Predicted Particle Track During Pumping (8/14/06) Depicting Capture Zone Flow

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

Third Quarter (August) 2006 Results Key

= COC(s) above Drinking Water Criteria

= COC(s) less than Drinking Water Criteria

MIDDLE CEDARVILLE AQUIFER POST-RFI MONITORING LOCATIONS

LEGEND

Cedarville Aquifer Extraction Well (Sampled Monthly)
CW01-01 average pumping rate = 8.7 gpm
CW01-02 average pumping rate = 5.2 gpm

Middle Cedarville Aquifer Monitoring Well

Estimated Cature Zone Area Provided by Facility Interim Measure Extraction Wells

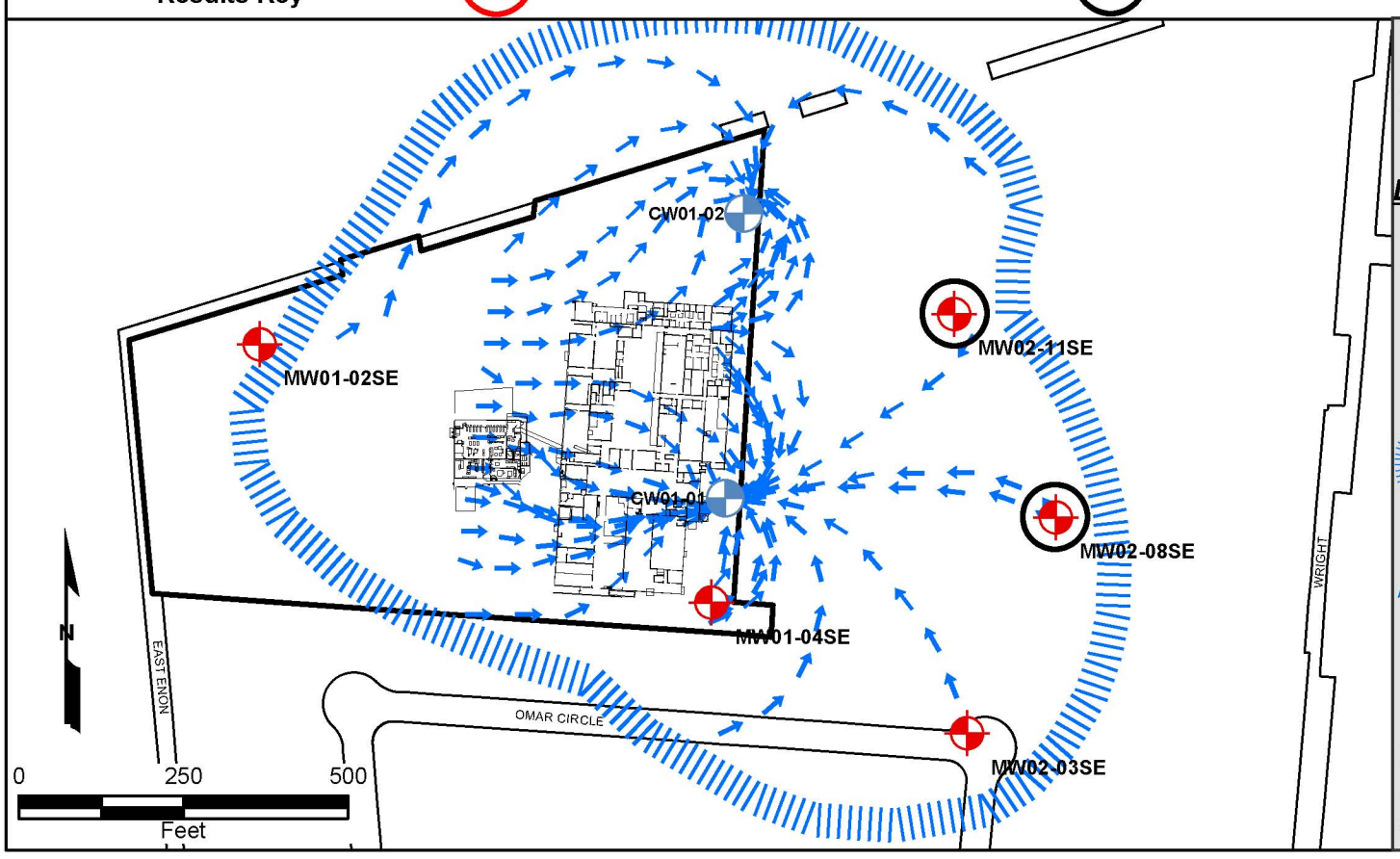
Model Predicted Particle Track During Pumping (8/14/06) Depicting Capture Zone Flow

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

Third Quarter (August) 2006 Results Key

= COC(s) above Drinking Water Criteria

= COC(s) less than Drinking Water Criteria



LOWER CEDARVILLE AQUIFER POST-RFI MONITORING LOCATIONS

LEGEND

Cedarville Aquifer Extraction Well (Sampled Monthly)
CW01-01 average pumping rate = 8.7 gpm
CW01-02 average pumping rate = 5.2 gpm

Lower Cedarville Aquifer Monitoring Well

Estimated Cature Zone Area Provided by Facility Interim Measure Extraction Wells

Model Predicted Particle Track During Pumping (8/14/06) Depicting Capture Zone Flow

****Note: Lower Cedarville Aquifer Monitoring Wells Remain below Drinking Water Criteria and below the Reporting Limit***

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

CLIENT: *VERNAY LABORATORIES, INC.*	FIGURE: *1*	DATE: *10/13/06*	**The Payne Firm, Inc.** Environmental Consultants Cincinnati / Cleveland / Chicago
TITLE: *AUGUST 2006 POST-RFI MONITORING LOCATIONS IN THE CEDARVILLE AQUIFER*	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*

F:\Data\PFI-MGT\Vernay\GIS\2006-Q3\Q3-2006_Figure 1_Post-RFI Monitoring Locations.mxd