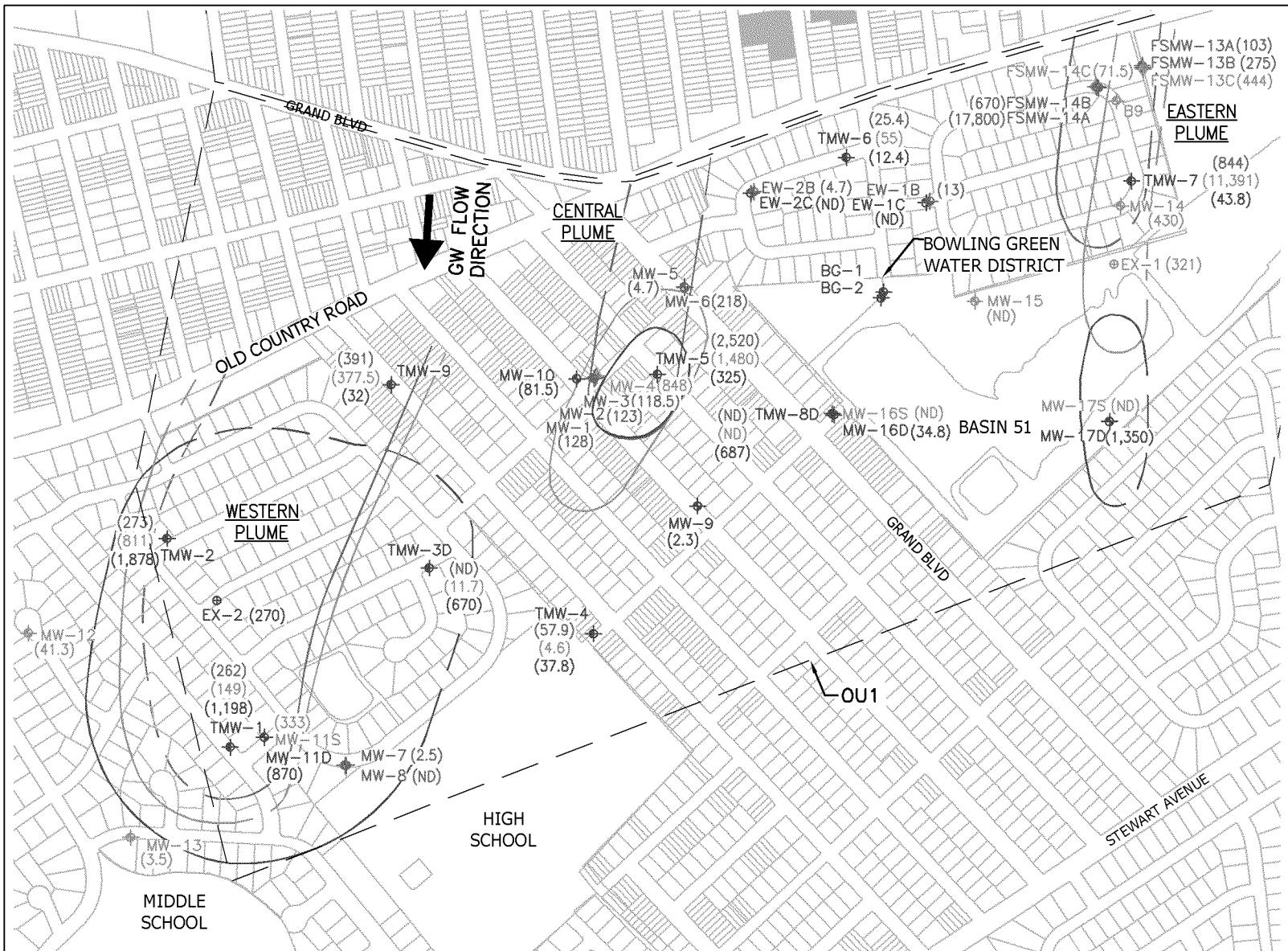

LEGEND:

- TMW-7 — TEMPORARY MONITORING WELL LOCATION
- MW-5 — MONITORING WELL LOCATION
- LIMIT OF OPERABLE UNIT 1 (OU1)
- LIMIT OF NEW CASSEL INDUSTRIAL AREA
- SOURCE AREA PROPERTIES
- BGS — BELOW GROUND SURFACE
- PPB — PART PER BILLION
- ug/l — MICROGRAMS PER LITER
- < 175 FEET BGS
- 175 – 250 FEET BGS
- > 250 FEET BGS
- CVOCs — CHLORINATED VOLATILE ORGANIC COMPOUNDS
- (800) — CVOCs CONCENTRATION AT 150 FEET BGS
- (11,000) — CVOCs CONCENTRATION AT 200 FEET BGS
- (9.2) — CVOCs CONCENTRATION AT 285 FEET BGS
- 100 PPB (UG/L) CVOCs ISO CONCENTRATION CENTER AT 150 FEET BGS (DASHED WHERE INFERRED)
- 100 PPB (UG/L) CVOCs ISO CONCENTRATION CENTER AT 200 FEET BGS (DASHED WHERE INFERRED)
- 100 PPB (UG/L) CVOCs ISO CONCENTRATION CENTER AT 285 FEET BGS (DASHED WHERE INFERRED)

NOTES:

1. CONCENTRATIONS OF CVOCs SHOWN ARE THE SUM OF PCE, TCE, AND 1,1,1-TCA. THE SUM OF CVOC CONCENTRATIONS WERE DERIVED FROM THE MOST RECENT SAMPLE EVENT AT THE TMW OR MW LOCATION. SAMPLE DATES RANGE FROM 2008 TO 2011, EXCEPT FOR B9, WHICH WAS A BORING WHERE GROUNDWATER SAMPLES WERE COLLECTED IN 2004. FURTHER INFORMATION CAN BE FOUND IN EPA'S SUPPLEMENTAL FS MEMO DATED JULY 2013.

1 inch = 600 ft.

HDR

CVOCs ISO-CONCENTRATION MAP

NEW CASSEL/HICKSVILLE GROUND WATER CONTAMINATION SITE OU1

TOWNSHIP OF NORTH HEMPSTEAD AND HEMPSTEAD, NASSAU COUNTY, NY

DATE: JULY 2013

FIGURE: 2