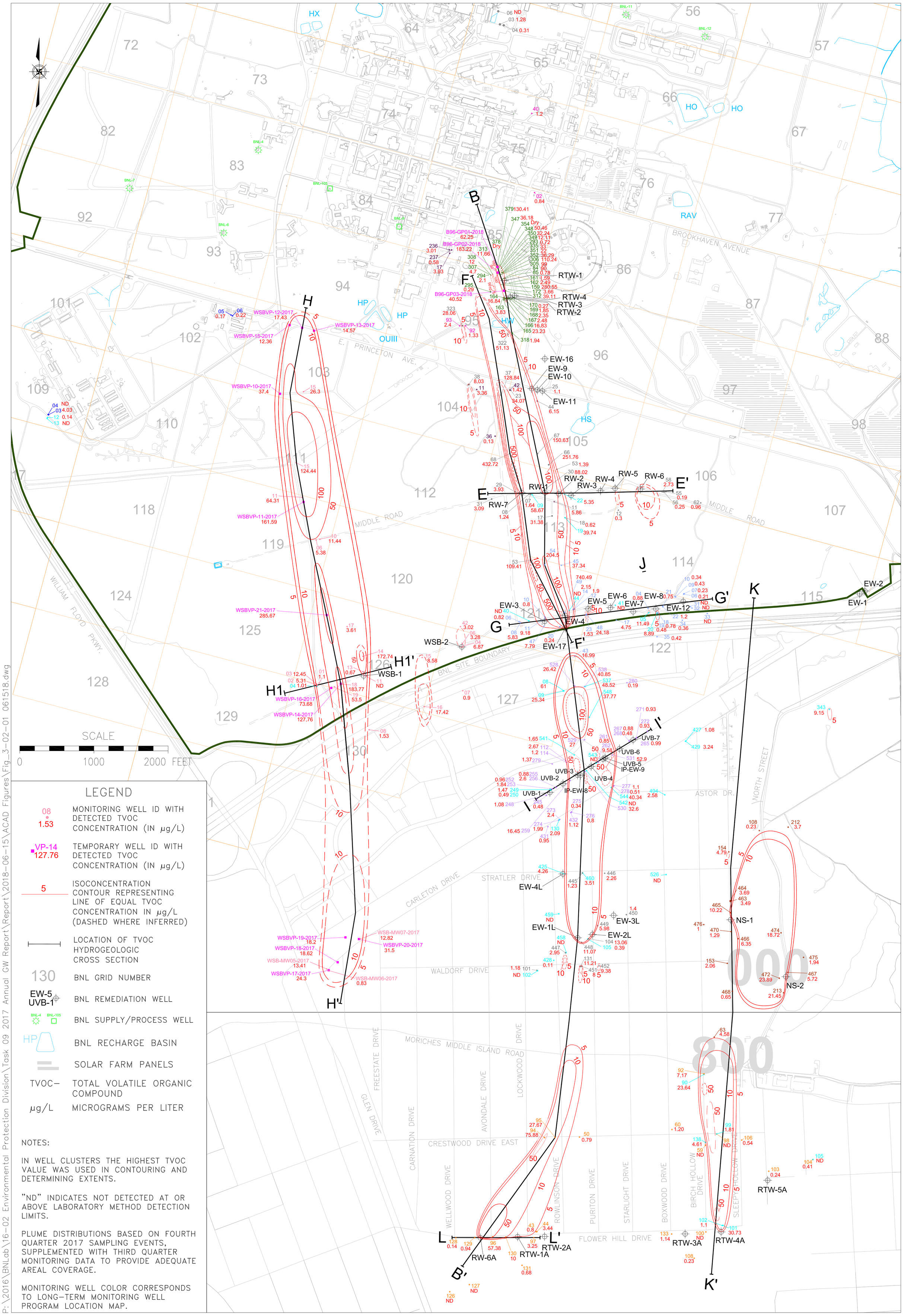

LEGEND

- 08 / 1.53 — MONITORING WELL ID WITH DETECTED TVOC CONCENTRATION (IN µg/L)
- VP-14 / 127.76 — TEMPORARY WELL ID WITH DETECTED TVOC CONCENTRATION (IN µg/L)
- 5 — ISOCONCENTRATION CONTOUR REPRESENTING LINE OF EQUAL TVOC CONCENTRATION IN µg/L (DASHED WHERE INFERRED)
- LOCATION OF TVOC HYDROGEOLOGIC CROSS SECTION
- 130 — BNL GRID NUMBER
- EW-5 / UVB-1 — BNL REMEDIATION WELL
- BNL-4 BNL-105 — BNL SUPPLY/PROCESS WELL
- HP — BNL RECHARGE BASIN
- SOLAR FARM PANELS
- TVOC– — TOTAL VOLATILE ORGANIC COMPOUND
- µg/L — MICROGRAMS PER LITER

NOTES:

IN WELL CLUSTERS THE HIGHEST TVOC VALUE WAS USED IN CONTOURING AND DETERMINING EXTENTS.

"ND" INDICATES NOT DETECTED AT OR ABOVE LABORATORY METHOD DETECTION LIMITS.

PLUME DISTRIBUTIONS BASED ON FOURTH QUARTER 2017 SAMPLING EVENTS, SUPPLEMENTED WITH THIRD QUARTER MONITORING DATA TO PROVIDE ADEQUATE AREAL COVERAGE.

MONITORING WELL COLOR CORRESPONDS TO LONG–TERM MONITORING WELL PROGRAM LOCATION MAP.

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BROOKHAVEN NATIONAL LABORATORY

ENVIRONMENTAL PROTECTION DIVISION

TITLE:

OU III/ OU IV/ NORTH STREET TVOC PLUME DISTRIBUTIONS

2017 BNL GROUNDWATER STATUS REPORT

DWN:	VT: HZ.:	DATE:	PROJECT NO.:
AJZ	–	06/15/18	–
CHKD:	APPD:	REV.:	NOTES:
JEB	WRD		

FIGURE NO.: 3.2–1