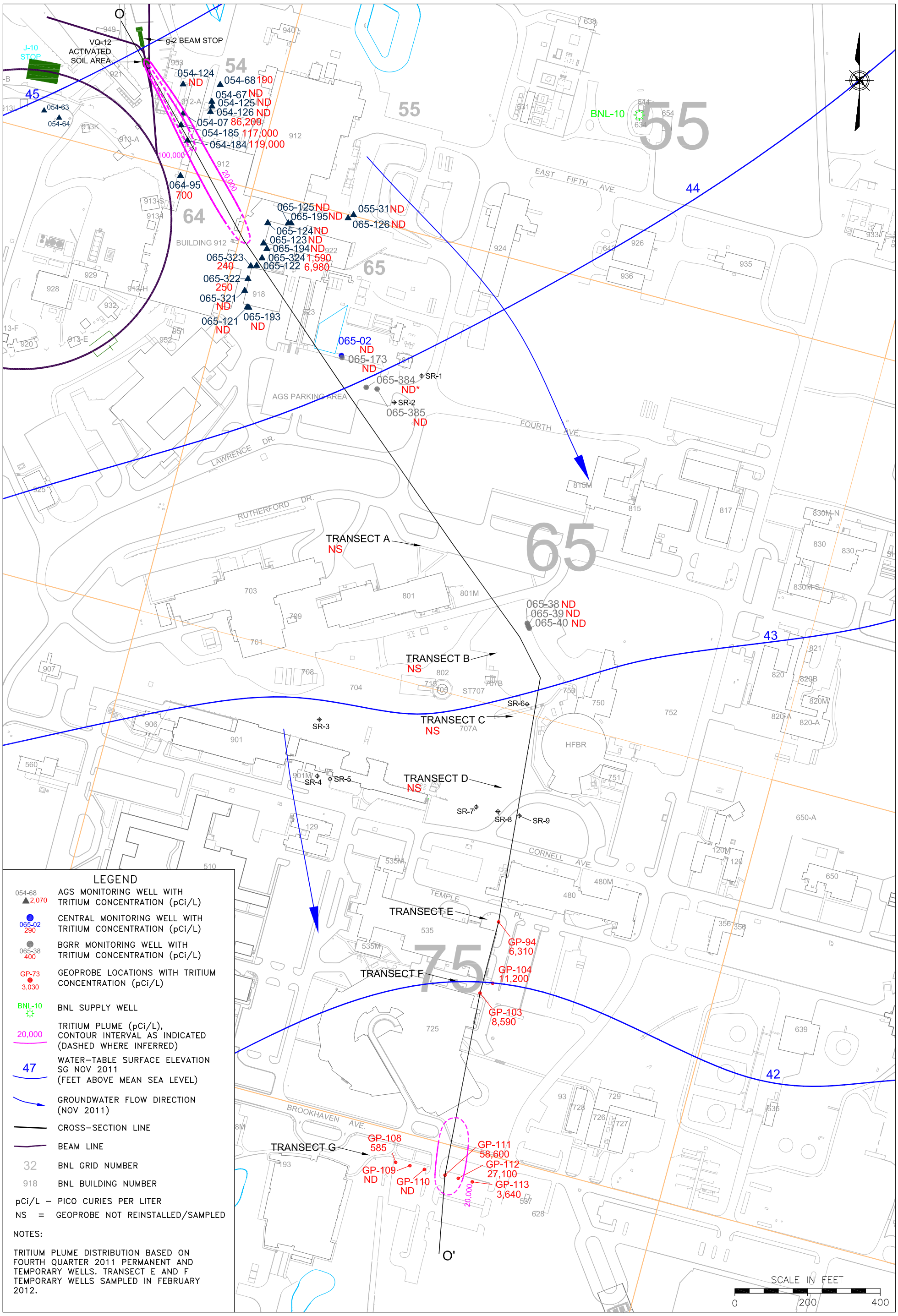

LEGEND

- 054-68 ▲2,070 — AGS MONITORING WELL WITH TRITIUM CONCENTRATION (pCi/L)
- 065-02 290 — CENTRAL MONITORING WELL WITH TRITIUM CONCENTRATION (pCi/L)
- 065-38 400 — BGRR MONITORING WELL WITH TRITIUM CONCENTRATION (pCi/L)
- GP-73 3,030 — GEOPROBE LOCATIONS WITH TRITIUM CONCENTRATION (pCi/L)
- BNL-10 — BNL SUPPLY WELL
- 20,000 — TRITIUM PLUME (pCi/L), CONTOUR INTERVAL AS INDICATED (DASHED WHERE INFERRED)
- 47 — WATER-TABLE SURFACE ELEVATION SG NOV 2011 (FEET ABOVE MEAN SEA LEVEL)
- GROUNDWATER FLOW DIRECTION (NOV 2011)
- CROSS-SECTION LINE
- BEAM LINE
- 32 — BNL GRID NUMBER
- 918 — BNL BUILDING NUMBER
- pCi/L – PICO CURIES PER LITER
- NS = GEOPROBE NOT REINSTALLED/SAMPLED

NOTES:

TRITIUM PLUME DISTRIBUTION BASED ON FOURTH QUARTER 2011 PERMANENT AND TEMPORARY WELLS. TRANSECT E AND F TEMPORARY WELLS SAMPLED IN FEBRUARY 2012.

\\OERNT\GIS\GW_PROJECTS\CY_2011_GW_REPORT\FINAL_FIGURES\FIG_4-08.DWG

BROOKHAVEN NATIONAL LABORATORY

ENVIRONMENTAL PROTECTION DIVISION

TITLE: FACILITY MONITORING PROGRAM, AOC 16T g-2 TRITIUM PLUME 4th QUARTER 2011

2011 BNL GROUNDWATER STATUS REPORT

DWN:	VT: HZ.:	DATE:	PROJECT NO.:
AJZ	–	09/07/12	–
CHKD:	APPD:	REV.:	NOTES:
–	DEP	–	–

FIGURE NO.: 4-8