



LEGEND

- 14 • MONITORING WELL ID WITH DETECTED TVOC CONCENTRATION (IN µg/L)
- 37.51 • MONITORING 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
- 32 BNL GRID NUMBER
- EW-5 UVB-1 ⊕ BNL REMEDIATION WELL
- BNL-100 BNL SUPPLY / PROCESS WELL
- HP BNL RECHARGE BASIN

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 2003 SAMPLING EVENTS, SUPPLEMENTED WITH THIRD QUARTER 2003 OUIII AOC29 (HFBR) VOC MONITORING DATA and 2003 CHARACTERIZATION DATA TO PROVIDE ADEQUATE AREAL COVERAGE.

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

VERTICAL PROFILE DATA IS SCREENING LEVEL QUALITY DATA. TOLUENE DETECTIONS MAY BE LARGELY DUE TO FIELD CONTAMINATION ISSUES. TVOC VALUES POSTED INCLUDE ALL VOLATILE COMPOUNDS ANALYZED. VERTICAL PROFILE DATA IS BEING USED AS GUIDANCE IN CONTOURING TVOC PLUMES.



GROUNDWATER PROTECTION PROGRAM

TITLE: **OU III/ OU IV/ NORTH STREET TVOC PLUME DISTRIBUTIONS**
 2003 BNL GROUNDWATER STATUS REPORT

DWN: ALR	VS:HS.: -	DATE: 06/01/04	PROJECT NO.: 07176
CHKD: WRD	APPD: WRD	REV.: 1	NOTES: -
FIGURE NO.: 3.2-1			

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