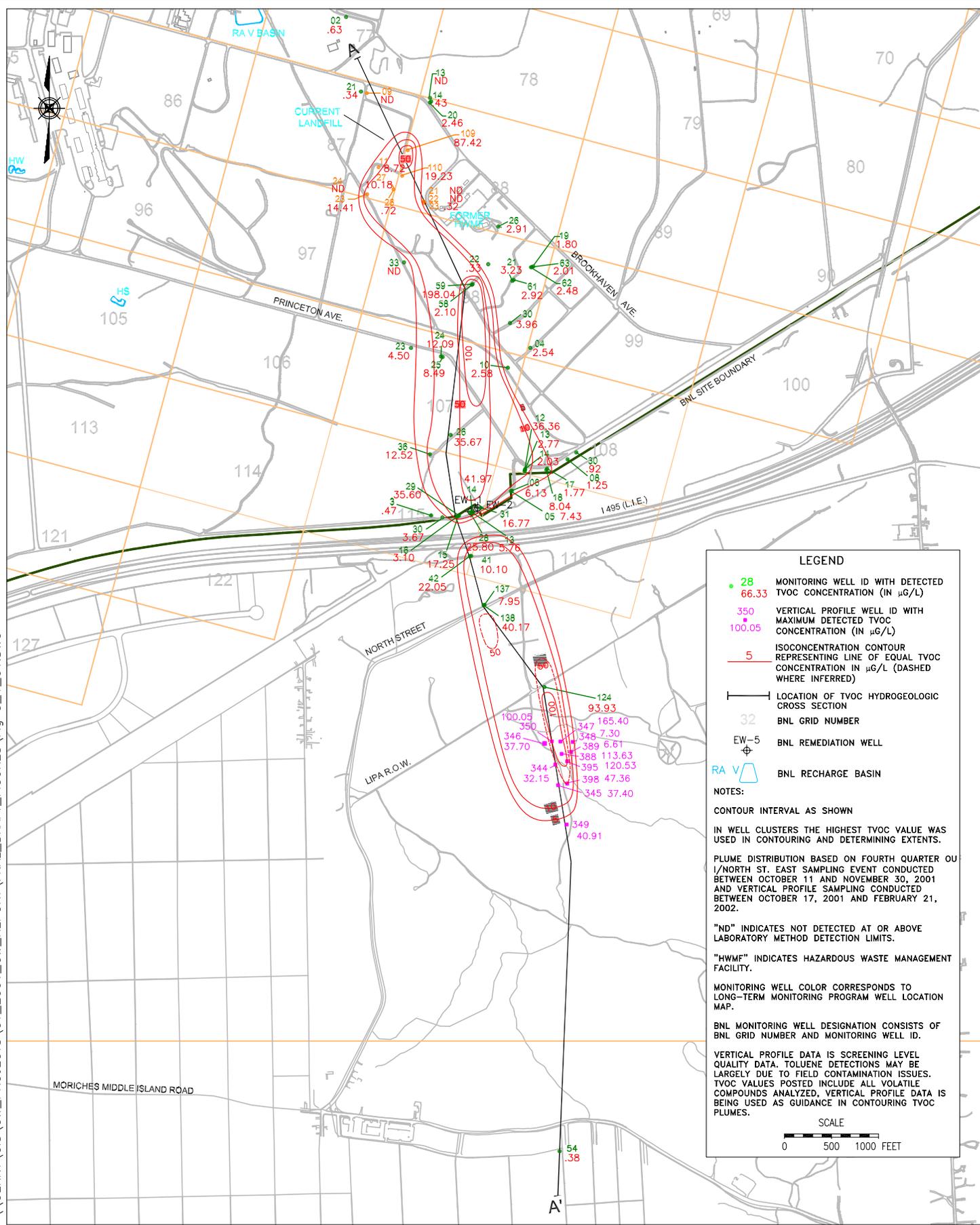


\\OERNT\GIS\GW_PROJECTS\CY_2001_GW_REPORT\FINAL_DRAFT_FIGURES\Fig 3_1_01.DWG



LEGEND

- 28 MONITORING WELL ID WITH DETECTED TVOC CONCENTRATION (IN µG/L)
- 66.33
- 350 VERTICAL PROFILE WELL ID WITH MAXIMUM DETECTED TVOC CONCENTRATION (IN µG/L)
- 100.05
- 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 BNL REMEDIATION WELL
- RA V BNL RECHARGE BASIN

NOTES:

CONTOUR INTERVAL AS SHOWN

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

PLUME DISTRIBUTION BASED ON FOURTH QUARTER OU 1/NORTH ST. EAST SAMPLING EVENT CONDUCTED BETWEEN OCTOBER 11 AND NOVEMBER 30, 2001 AND VERTICAL PROFILE SAMPLING CONDUCTED BETWEEN OCTOBER 17, 2001 AND FEBRUARY 21, 2002.

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

"HWMF" INDICATES HAZARDOUS WASTE MANAGEMENT FACILITY.

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

BNL MONITORING WELL DESIGNATION CONSISTS OF BNL GRID NUMBER AND MONITORING WELL ID.

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.

SCALE
0 500 1000 FEET



TITLE: **OU 1 SOUTH BOUNDARY/
NORTH STREET EAST
TVOC PLUME DISTRIBUTION
2001 BNL GROUNDWATER STATUS REPORT**

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|--------------|--------------|-------------------|-----------------------|
| DWN: KCK | VT:HZ.: — | DATE: 06/13/02 | PROJECT NO.: 07176 |
| CHKD: WRD | APPD: WRD | REV.: — | NOTES: — |
| FIGURE NO.: | | 3.1-1 | |