SITE BOUNDARY

BNL SITE BOUNDARY

SCWA WILLIAM FLOYD PKY WELL FIELD

SCWA COUNTRY CLUB DR WELL FIELD

SCWA LAMBERT AVE WELL FIELD

WILLIAM FLOYD PARKWAY

Long Island Expressway

NORTH STREET

SOUTH STREET

WADING RIVER RD.

CARLETON DRIVE

SLEEPY HOLLOW DRIVE

WEEKS AVENUE

MORICHES MIDDLE ISLAND ROAD

FLOWER HILL DRIVE

Sunrise Highway

CARMANS RIVER

SCALE
0 1000 2000 FEET

**BNL WATER USAGE SUMMARY DECEMBER 2006 (K GAL)**

| POTABLE SUPPLY WELL PUMPAGE | |
|---|---|
| **WESTERN WELL FIELD** | |
| BNL-4 | 4546 |
| BNL-6 | 1783 |
| BNL-7 | 17555 |
| **EASTERN WELL FIELD** | |
| BNL-10 | 0 |
| BNL-11 | 445 |
| BNL-12 | 7 |
| **PROCESS WELL PUMPAGE** | |
| BNL-9 | 0 |

| REMEDIATION SYSTEM PUMPAGE | | | |
|---|---|---|---|
| **OU I SOUTH BOUNDARY** | | **OU III BUILDING 96** | |
| EW-1 | 7394.2 | RTW-1 | 0 |
| EW-2 | 15233.6 | RTW-2 | 0 |
| **OU III SOUTH BOUNDARY** | | RTW-3 | 0 |
| EW-3 | 0 | RTW-4 | 0 |
| EW-4 | 3709.1 | **OU III WESTERN SOUTH BOUNDARY** | |
| EW-5 | 3903.2 | WSB-1 | 212 |
| EW-6 | 3891.4 | WSB-2 | 219 |
| EW-7 | 3796.6 | **OU III SR-90 PILOT** | |
| EW-8 | 0 | SR-90 EW-1 | 279 |
| EW-12 | 0 | **OU III BGRR/WCF SR-90 TREATMENT** | |
| **OU III PUMP AND RECHARGE** | | SR-1 | 231 |
| EW-9 | 0 | SR-2 | 208 |
| EW-10 | 0 | SR-3 | 185 |
| EW-11 | 0 | SR-4 | 227 |
| **OU III CARBON TET** | | SR-5 | 257 |
| EW-13 | 0 | **OU III LIPA** | |
| EW-14 | 0 | EW-1L | 4402.1 |
| EW-15 | 0 | EW-2L | 4703.5 |
| **OU III MIDDLE ROAD** | | EW-3L | 4670.1 |
| RW-1 | 3987.3 | EW-4L | 4532.5 |
| RW-2 | 3769.9 | **OU III AIRPORT** | |
| RW-3 | 5279.8 | RTW-1A | 3292 |
| RW-4 | 0 | RTW-2A | 3292 |
| RW-5 | 0 | **RTW-3A** | 1446.2 |
| RW-6 | 4076.6 | RTW-4A | 19.9 |
| **OU III INDUSTRIAL PARK** | | RTW-5A | 2704 |
| UVB-1 | 1243 | **OU III NORTH STREET** | |
| UVB-2 | 1996 | NS-1 | 8978 |
| UVB-3 | 2045 | NS-2 | 9341 |
| UVB-4 | 2556 | **OU III NORTH STREET EAST** | |
| UVB-5 | 0 | NSE-1 | 239 |
| UVB-6 | 989 | NSE-2 | 134 |
| UVB-7 | 2182 | **OU VI EDB** | |
| **OU III INDUSTRIAL PARK EAST** | | EW-1E | 8128 |
| EWI-1 | 1537 | EW-2E | 6545 |
| EWI-2 | 850 | | |

## LEGEND

- 122-18 / 36.94 — BNL MONITORING WELL / PIEZOMETER POTENTIOMETRIC SURFACE ELEVATION, IN FEET ABOVE MEAN SEA LEVEL
- 37 — POTENTIOMETRIC SURFACE CONTOUR ELEVATION, IN FEET ABOVE MEAN SEA LEVEL (DASHED WHERE INFERRED)
- 32 — BNL GRID NUMBER
- EW-12 — BNL REMEDIATION WELL
- BNL-12 — BNL SUPPLY / PROCESS WELL
- S-47226 — USGS MONITORING WELL / PIEZOMETER
- 800-19 — SCWA SUPPLY WELL

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BROOKHAVEN NATIONAL LABORATORY
EWMS DIVISION

TITLE:
WATER TABLE CONTOURS OF THE SHALLOW GLACIAL ZONE DECEMBER 11–15, 2006
2006 BNL GROUNDWATER STATUS REPORT

| DWN: | VS: HS.: | DATE: | PROJECT NO.: |
|---|---|---|---|
| YS | – | 06/15/07 | – |
| CHKD: | APPD: | REV.: | NOTES: |
| JEB | WRD | – | – |

FIGURE NO.: 2–2