



SCALE  
0 500 1000 FEET

**LEGEND**

- 32 BNL GRID NUMBER
- EW-12 BNL REMEDIATION WELL
- BNL-12 BNL SUPPLY / PROCESS WELL

- OPERATING REMEDIATION SYSTEMS
- REMEDIATION SYSTEM PLACED IN STANDBY MODE
- DECOMMISSIONED REMEDIATION SYSTEM

Note:  
Treatment system status is as of December 2016

- REMEDATION WELL STATUS**
- RTW-1A ON-FULL TIME
  - RTW-3A PULSE PUMPED
  - RTW-6A STAND-BY-OFF

- GROUNDWATER REMEDIATION SYSTEM CAPTURE ZONES
- 2016 TVOC PLUME UNLESS SPECIFIED. CONCENTRATION AS INDICATED. (DASHED WHERE INFERRED)
- REMEDIATION SYSTEM CALCULATED CAPTURE ZONE BASED ON PUMP TEST RESULTS

- 2016 TRITIUM PLUME. OUTLINE IS 20,000 pCi/L.
- 2016 STRONTIUM 90 PLUME. OUTLINE IS 8 pCi/L.
- 2016 FREON-11 PLUME. OUTLINE IS 5 µg/L.

06/14/17 FIGURE: 3.0 -1  
GROUNDWATER REMEDIATION SYSTEMS



ENVIRONMENTAL PROTECTION DIVISION

2016 BNL GROUNDWATER STATUS REPORT

P:\2016\BNLab\16-02 Environmental Protection Division\Task 04 2016 Annual GW Report\Final\Figures\ACAD Figures\Fig\_3-0-01\_061417.dwg