BGRR
WCF
Sr-90

OU IV
AOC 5

Bldg 452
Freon-11

Carbon
Tetrachloride

Bldg
96

HFBR
Tritium

Chem
Holes
Sr-90

Middle Road

Waste
Management
Area - AOC 1

OU I South
Boundary

OU V

OU III South Boundary

Industrial
Park
East

Western
South
Boundary

Industrial Park

North
Street
East

OU VI
EDB

LIPA

North
Street

Brookhaven Airport

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 2014

- GROUNDWATER REMEDIATION SYSTEM CAPTURE ZONES
- 2014 TVOC PLUME UNLESS SPECIFIED. CONCENTRATION AS INDICATED. (DASHED WHERE INFERRED)
- REMEDIATION SYSTEM CALCULATED CAPTURE ZONE BASED ON PUMP TEST RESULTS
- 2014 TRITIUM PLUME. OUTLINE IS 20,000 pCi/L.
- 2014 STRONTIUM 90 PLUME. OUTLINE IS 8 pCi/L.
- 2014 FREON-11 PLUME. OUTLINE IS 5 µg/L.

06/12/15
FIGURE: 3.0 -1
GROUNDWATER REMEDIATION SYSTEMS

BROOKHAVEN NATIONAL LABORATORY

ENVIRONMENTAL PROTECTION DIVISION

2014 BNL GROUNDWATER STATUS REPORT

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