

**LEGEND**

- 403  
19.7  
MONITORING WELL ID WITH DETECTED Sr-90 CONCENTRATION (IN pCi/L) FROM FOURTH QUARTER 2017.
- BGRR GP-133  
24.4  
TEMPORARY WELL LOCATION WITH MAXIMUM DETECTED Sr-90 RESULTS pCi/L, SAMPLES OBTAINED DURING APRIL AND MAY 2017.
- ⊕ SR-1  
EXTRACTION WELL ID
- 8  
ISOCONCENTRATION LINE REPRESENTING LINE OF EQUAL Sr-90 CONCENTRATION (IN pCi/L) (DASHED WHERE INFERRED)
- CROSS SECTION LINE
- 8-49 pCi/L  
Sr-90 CONCENTRATION
- 50-99 pCi/L  
Sr-90 CONCENTRATION
- 100-499 pCi/L  
Sr-90 CONCENTRATION
- BNL RECHARGE BASIN
- ENGINEERED CAP
- 75  
BNL GRID NUMBER
- pCi/L - PICO CURIES PER LITER
- HFBR - HIGH FLUX BEAM REACTOR
- WCF - WASTE CONCENTRATION FACILITY
- BGRR - BROOKHAVEN GRAPHITE RESEARCH REACTOR

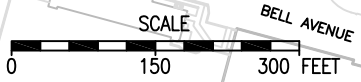
**NOTES:**

"<MDA" INDICATES BELOW MINIMUM DETECTABLE ACTIVITY.

"NS" INDICATES NOT SAMPLED.

CONTOUR INTERVAL AS SHOWN.

IN WELL CLUSTERS THE HIGHEST Sr-90 VALUE WAS USED IN CONTOURING AND DETERMINING PLUME EXTENTS.



P:\2016\BNLab\16-02 Environmental Protection Division\Task 09 2017 Annual GW Report\Report\2018-06-15\ACAD Figures\Fig\_3-02-15-01 061518.dwg



TITLE:

**OU III BGRR/WCF  
Sr-90 PLUME DISTRIBUTION**

2017 BNL GROUNDWATER STATUS REPORT

DWN:	VT: HZ.:	DATE:	PROJECT NO.:
AJZ	-	06/15/18	-
CHKD:	APPD:	REV.:	NOTES:
JEB	WRD	-	-
FIGURE NO.:		3.2.15-1	