



Q:\2020\BNLab\20-01 EPD\Task 08 2020 Annual GW Report\Figures\Cadd\Fig_3-02-11-01_061421.dwg

LEGEND

- 402 <MDA MONITORING WELL ID WITH DETECTED Sr-90 CONCENTRATION (IN pCi/L) FROM FOURTH QUARTER 2020.
- BGRR-VP-01 <MDA TEMPORARY WELL LOCATION WITH MAXIMUM DETECTED Sr-90 RESULTS pCi/L, SAMPLES OBTAINED DURING SEPT. 2020.
- ⊕ SR-1 EXTRACTION WELL ID
- 8 ISOCOCONTRATION 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.