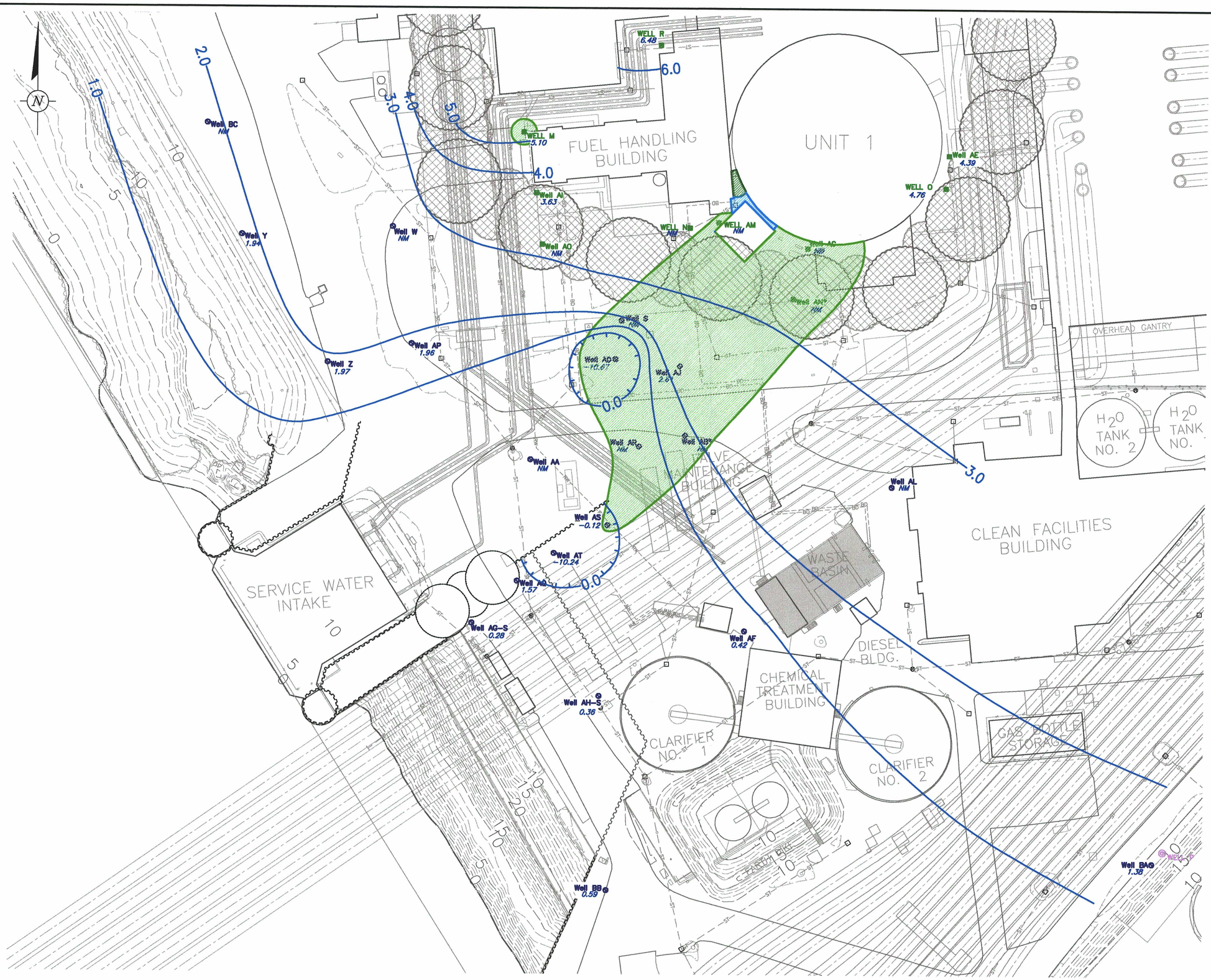

LEGEND:

- **WELL R** — MONITORING WELL SCREENED IN THE SHALLOW, WATER–BEARING UNIT WITHIN THE LIMITS OF THE COFFERDAM, 20 FEET DEEP– TYPICAL (WELLS M, N, O, R, AC, AE, AI AND AM).
- **WELL S** — MONITORING WELL SCREENED IN THE SHALLOW, WATER–BEARING UNIT OUTSIDE THE LIMITS OF THE COFFERDAM, 35 FEET DEEP– TYPICAL (WELLS S, T, U, W, Y, Z, AA, AB, AD, AF, AG(SHALLOW & DEEP, AH(SHALLOW & DEEP), AJ AND AL).
- WELL L — MONITORING WELL SCREENED IN THE VINCENTOWN FORMATION, 80 FEET DEEP– TYPICAL (WELLS K, L, P, Q AND V).
- –23.00 — HISTORIC GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL – NAVD 1988)
- 3.19 — GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL – NAVD 1988)
- —1.00 — GROUNDWATER ELEVATION CONTOUR (0.5 FOOT INTERVAL)
- GROUNDWATER FLOW DIRECTION
- LIMIT OF GROUNDWATER WITH TRITIUM ABOVE 1,000,000 pCi/L
- LIMIT OF GROUNDWATER WITH TRITIUM ABOVE 500,000 pCi/L
- LIMIT OF GROUNDWATER WITH TRITIUM ABOVE 100,000 pCi/L
- LIMIT OF GROUNDWATER WITH TRITIUM ABOVE THE NEW JERSEY GROUNDWATER QUALITY CRITERION (20,000 pCi/L)
- PROPERTY BOUNDARY
- BD — BLOW DOWN PIPING
- RW — LIQUID "RAD" WASTE LINE
- SERVICE WATER PIPING
- CIRCULATING WATER OUTLET PIPING
- CIRCULATING WATER INLET PIPING
- ST — STORM SEWER PIPING
- CATCH BASIN
- MANHOLE (STORM SEWER)
- SHEET PILE – EXTENDS FROM ABOVE THE WATER TABLE THROUGH THE KIRKWOOD FORMATION
- SHEET PILE – DOES NOT EXTEND TO AN ELEVATION ABOVE THE WATER TABLE.
- AFST — AUXILIARY FEEDWATER STORAGE TANK
- PWST — PRIMARY WATER STORAGE TANK
- RWST — REFUELING WATER STORAGE TANK

NOTE:

1. 1. THE MEAN TIDE LEVEL OF THE DELAWARE RIVER AT ARTIFICIAL ISLAND IS 0.11 FT (NAVD 1988)
2. 2. CONTOUR INTERVAL FOR WATER LEVELS LESS THAN –1.0 FEET MSL IS LOGARITHMIC.
3. 3. EXTENT OF TRITIUM IN GROUNDWATER REPRESENTS DATA THROUGH DECEMBER 2007.
4. SYSTEM ONLY PARTIALLY OPERATIONAL

* ESTIMATED BASED ON HISTORICAL DATA

0 50 100
SCALE: 1"=50'

D-07

PSEG NUCLEAR, LLC, SALEM GENERATING STATION, ARTIFICIAL ISLAND, HANCOCK'S BRIDGE, NEW JERSEY
REMEDIAL ACTION PROGRESS REPORT

WATER TABLE ELEVATION CONTOURS DURING OPERATION OF THE PERMANENT SYSTEM DECEMBER 2009

ARCADIS

FIGURE 7

CTB: Hardcopy Pc DWG/CUP: ENV DB: M.Waslewski LD: M.Waslewski PIC-J: Bullette PM: P. Millonis TM/C: Sharpe LYR:On[ON]=Off[OFF]=REF"
GLM PROJECTS\PSEG Salem\Salem 2007\Water Table Elevation Contours - December 2009.dwg LAYOUT: 7 SAVED: 3/2/2010 5:38 PM ACADVER: 17.1S (LMS TECH) PAGESETUP: — PLOTSTYLETABLE: ARCADISSIZE A.BU.CTB PLOTTED: 3/2/2010
5:54 PM BY: WASLEWSKI, MATT
XREFS: IMAGES: PROJECTNAME: —
AGM-BASE_DWG\B813-049-0001.tif
wtlimval.JPG