

G:\PROJECT\PSE&G\Salem - Tritium\NP000571.0005 - Continued Reporting and Recovery\CADD\RAPP'S\RAPP 5\FIG-07 WATER TABLE ELEVATION CONTOURS DECEMBER 28, 2005.dwg, 27/ 2/2006 4:06pm copyright © 20 06



- 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).
 - 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
 - BLOW DOWN PIPING
 - LIQUID "RAD" WASTE LINE
 - SERVICE WATER PIPING
 - CIRCULATING WATER OUTLET PIPING
 - CIRCULATING WATER INLET PIPING
 - 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. THE MEAN TIDE LEVEL OF THE DELAWARE RIVER AT ARTIFICIAL ISLAND IS 0.11 FT (NAVD 1988)
 2. CONTOUR INTERVAL FOR WATER LEVELS LESS THAN -1.0 FEET MSL IS LOGARITHMIC.
 3. EXTENT OF TRITIUM IN GROUNDWATER REPRESENTS DATA THROUGH JUNE/JULY 2005.
- * ESTIMATED BASED ON HISTORICAL DATA



NO.	DATE	REVISION DESCRIPTION	BY
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WATER TABLE ELEVATION CONTOURS DURING OPERATION OF THE PERMANENT SYSTEM DECEMBER 28, 2005		LEAD DESIGN PROF. S. POTTER	CHECKED C. SHARPE
		PROJECT NUMBER NP000571.0005	DRAWING NUMBER 7