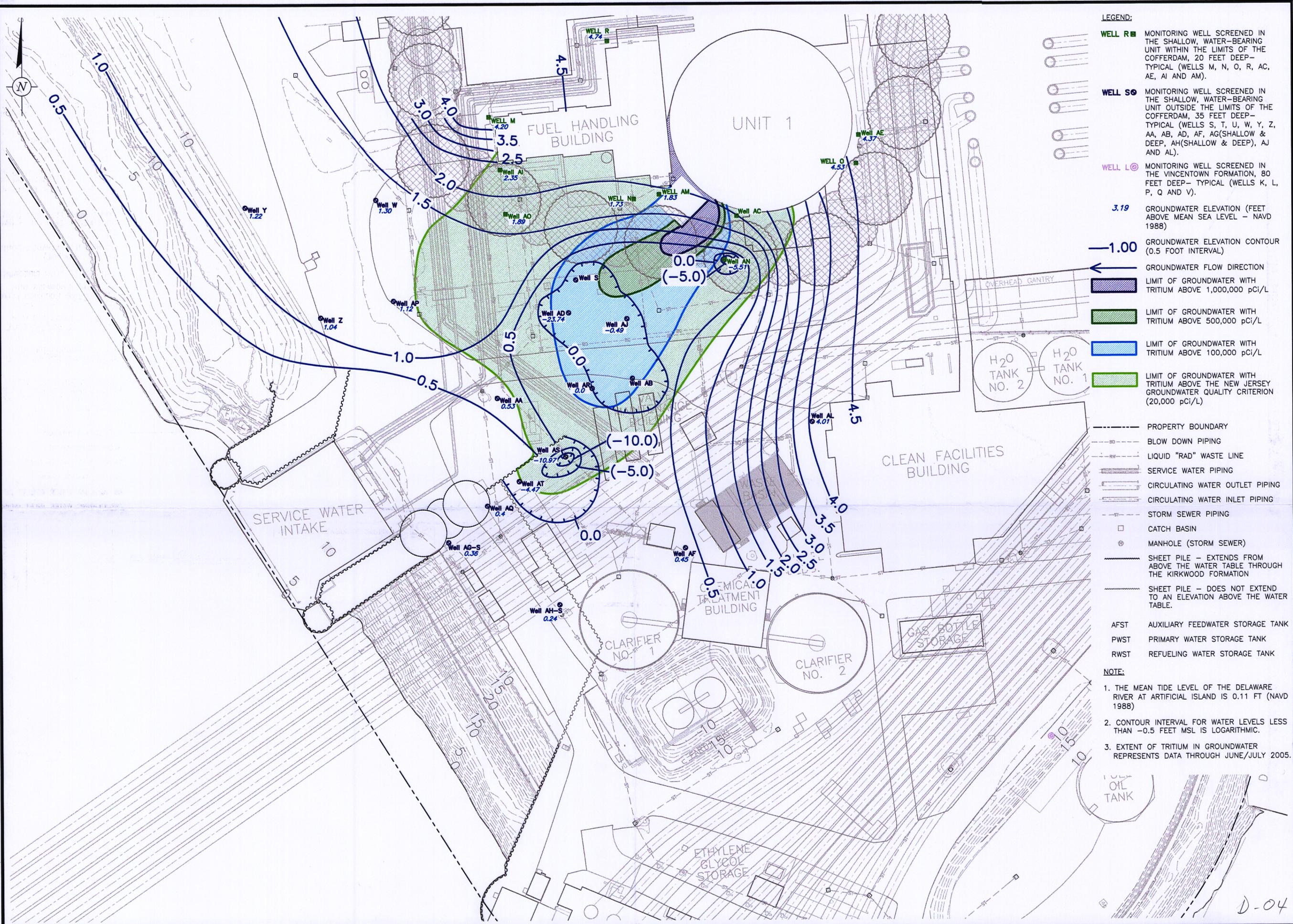
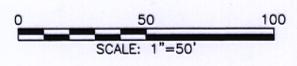


G:\PROJECT\PSEG\Salem - Remedial Actions\CADD\RAPRs\RAPR - 3 - 02\_2005\FIG-06 WATER TABLE ELEVATION CONTOURS JULY 7, 2005.dwg, 3/ 8/2005 2:18pm



- 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 -0.5 FEET MSL IS LOGARITHMIC.
  3. EXTENT OF TRITIUM IN GROUNDWATER REPRESENTS DATA THROUGH JUNE/JULY 2005.



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|   |                  |                                 |                                 |
|---|------------------|---------------------------------|---------------------------------|
| DRAWN<br>M. WASILEWSKI  | DATE<br>12/30/04 | PROJECT MANAGER<br>P. MILONIS   | DEPARTMENT MANAGER<br>M. BEDARD |
| WATER TABLE ELEVATION CONTOURS<br>DURING OPERATION OF THE<br>PERMANENT SYSTEM<br>JULY 7, 2005 |                  | LEAD DESIGN PROF.<br>S. POTTER  | CHECKED<br>C. SHARPE            |
|   |                  | PROJECT NUMBER<br>NP000571.0004 | DRAWING NUMBER<br>6             |

| NO. | DATE | REVISION DESCRIPTION | BY  |
|-----|------|----------------------|-----|
|     |      |                      | CKD |

D-04