

Acad Version: 17.06 (US) (Std) User Name: Durling at Longhorns 2 Path Name: C:\PROJECTS\PS&G\Schem - Unit 1 - Tritium\MP00571.0007 - Contour Reporting and Recovery\LD00\WATER\WATER\_13710-02\_WATER TABLE ELEVATION CONTOURS - AUGUST 2007.dwg Plot Date/Time: 3/7/2008 11:31 AM Current Plot Style: ----- Page Set Up Name: -----



- 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
  - 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 DECEMBER 2007.
- \* ESTIMATED BASED ON HISTORICAL DATA



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## WATER TABLE ELEVATION CONTOURS DURING OPERATION OF THE PERMANENT SYSTEM AUGUST 2007

HANCOCK'S BRIDGE, NEW JERSEY

Project Number	NP000571.0007
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Figure	2

*0-02*