

BASELINE TRITIUM PLUME - PRE-GROUNDWATER EXTRACTION - MARCH 2004

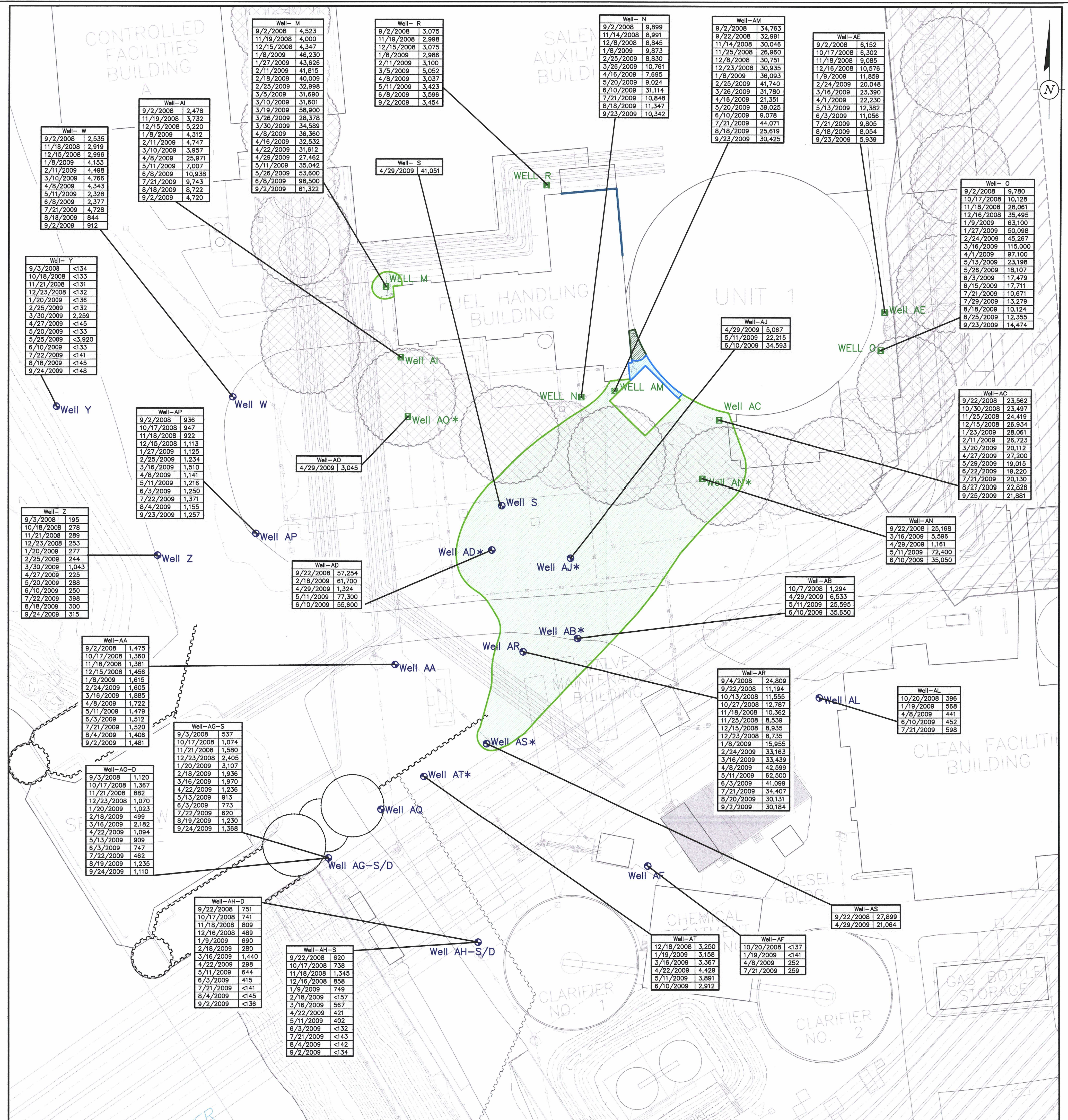
SCALE: 1"=30'



TRITIUM PLUME - SEPTEMBER 2008

FULL SCALE SYSTEM IN SERVICE

SCALE: 1"=30'



TRITIUM PLUME - SEPTEMBER 2008
GROUNDWATER EXTRACTION SYSTEM IN SERVICE

SCALE: 1"=30'

LEGEND:

- WELL R** MONITORING WELL SCREENED IN THE SHALLOW, WATER-BEARING UNIT WITHIN THE LIMITS OF THE COFFERDAM.
- WELL S** MONITORING WELL SCREENED IN THE SHALLOW, WATER-BEARING UNIT OUTSIDE THE LIMITS OF THE COFFERDAM.
- 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
- SEISMIC GAP (STYROFOAM)
- 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.
- LOCATION OF THRUST BLOCK (DASHED WHERE INFERRED)

NOTES:

1. CONTOURS FOR THE BASELINE TRITIUM PLUME ARE BASED ON DATA GENERATED DURING THE REMEDIAL INVESTIGATION.
2. WELL AQ SAMPLING DISCONTINUED AS WELL IS ISOLATED FROM GROUNDWATER FLOW
3. WELL S OUT OF SERVICE DUE TO LOW YIELD.
4. * DENOTES WELLS WHERE MOST RECENT HISTORIC DATA WAS USED TO GENERATE CONTOURS.

File Path: C:\PROJECTS\GWS\Sales\Unit 1 - Remediation\GWS\Sales\GWS_3_Sep08.dwg - CONTAMINANT TRITIUM RESULTS - SEPT 2008.dwg
 Plot Date: 1/28/2010 10:52:30 AM
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 User: R. GAN
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SALEM GENERATING STATION

GROUNDWATER TRITIUM RESULTS

HANCOCK'S BRIDGE, NEW JERSEY

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