

FIGURES

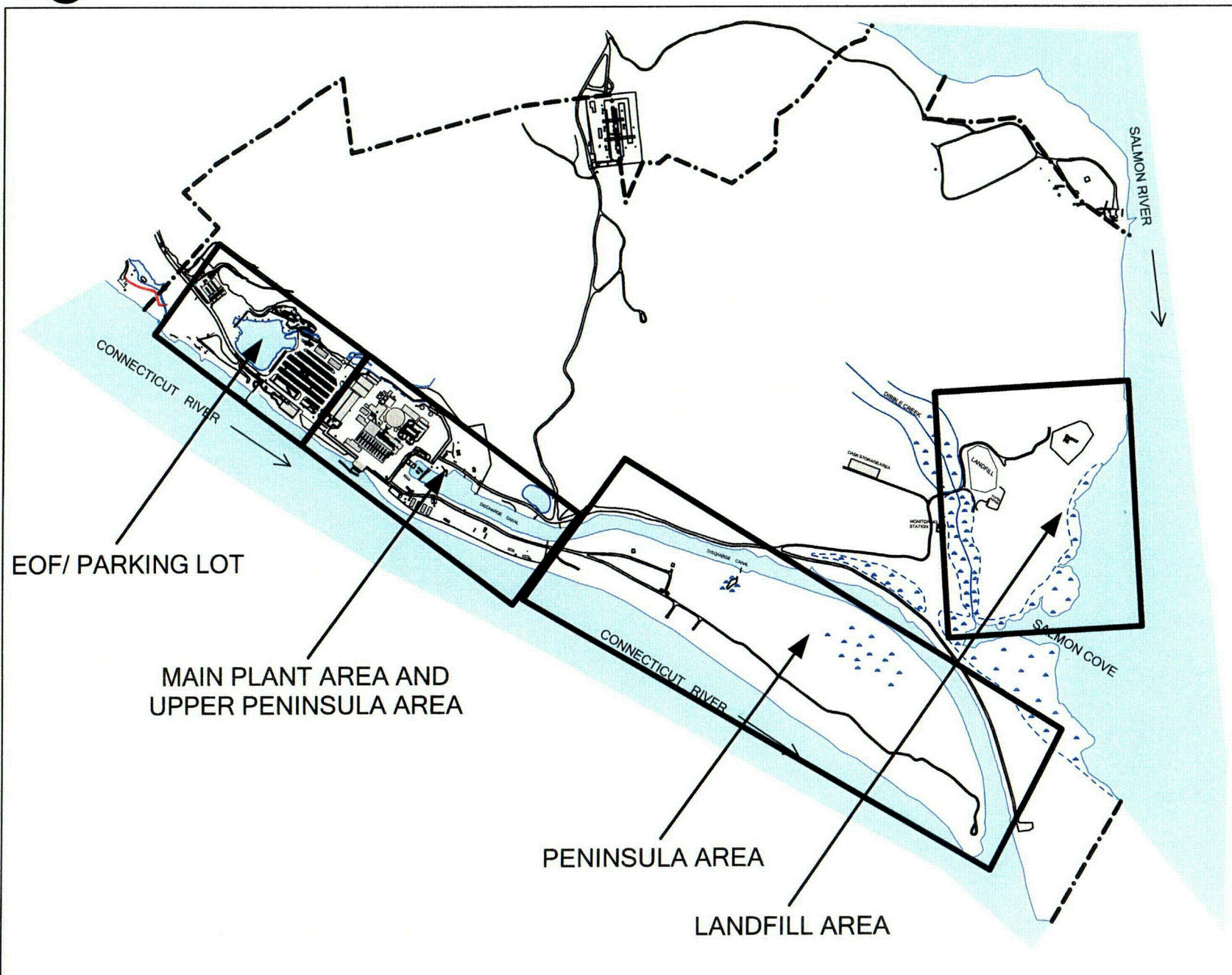


FIGURE 1-1
HADDAM NECK PLANT PROPERTY MAP
HADDAM NECK, CT

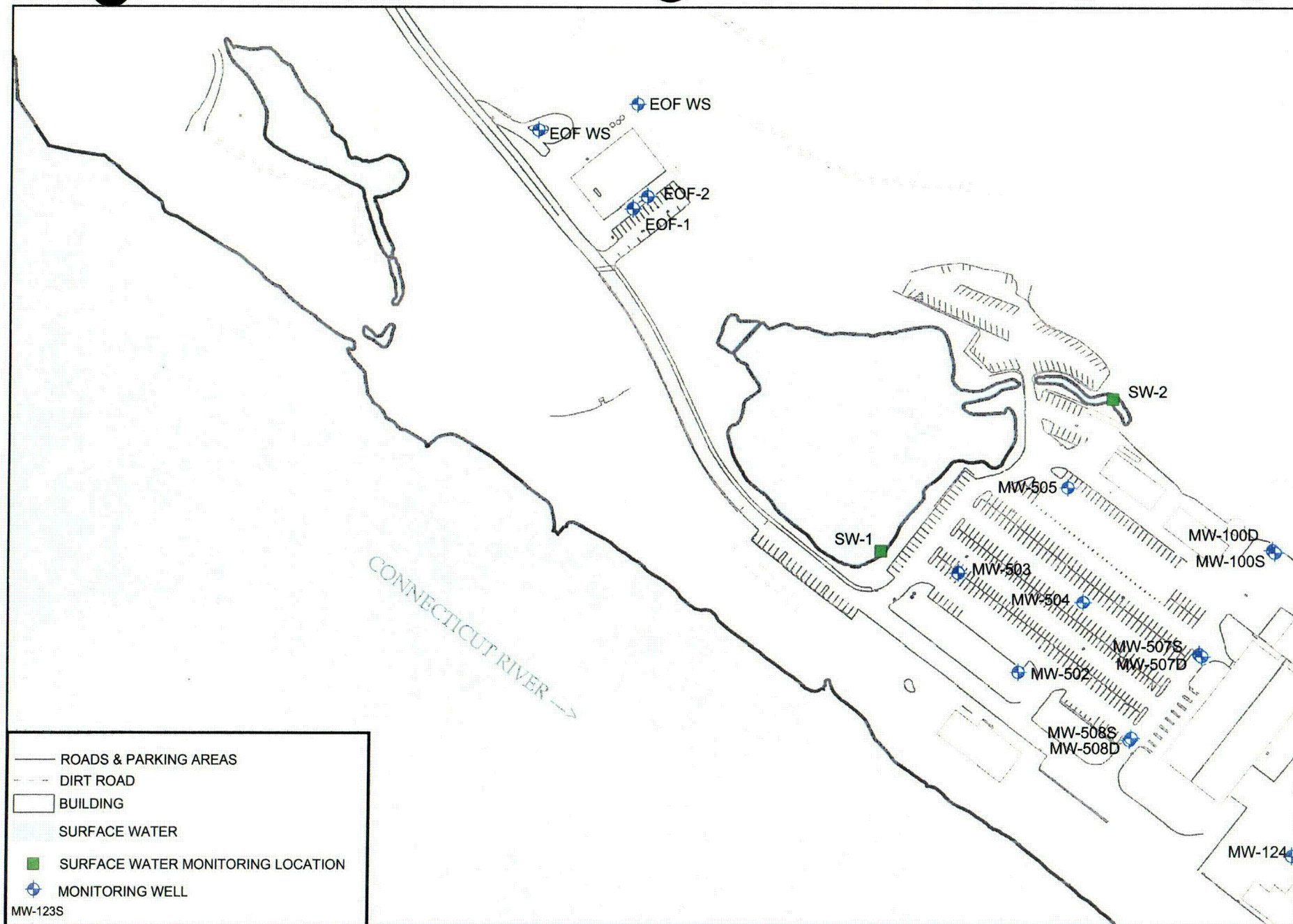
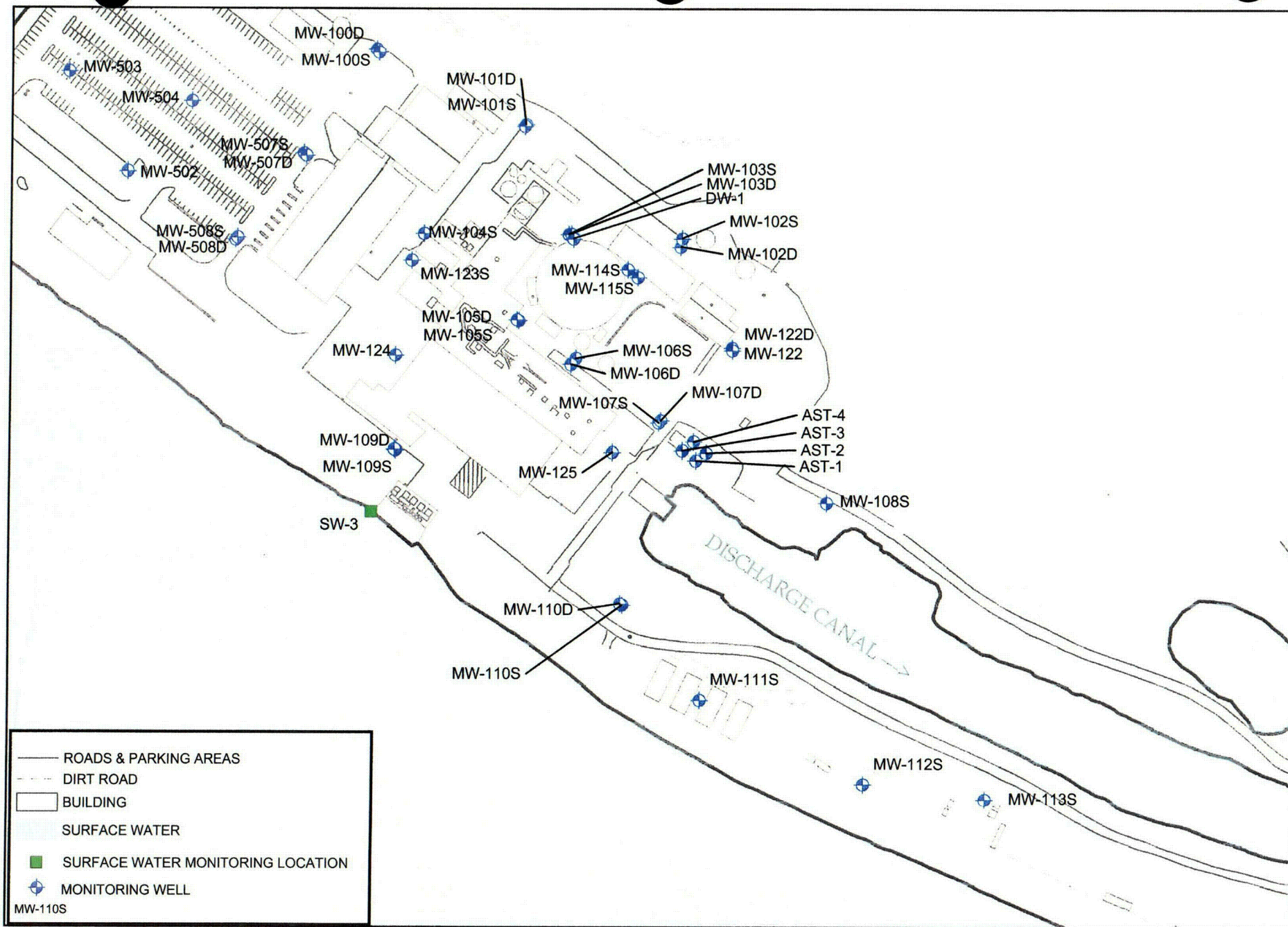


FIGURE 2-1
GROUNDWATER AND SURFACE WATER MONITORING LOCATIONS
AT THE EOF AND PARKING LOT AREA OF THE HADDAM NECK PLANT
HADDAM NECK, CT

CH2MHILL



0 100 200
Feet



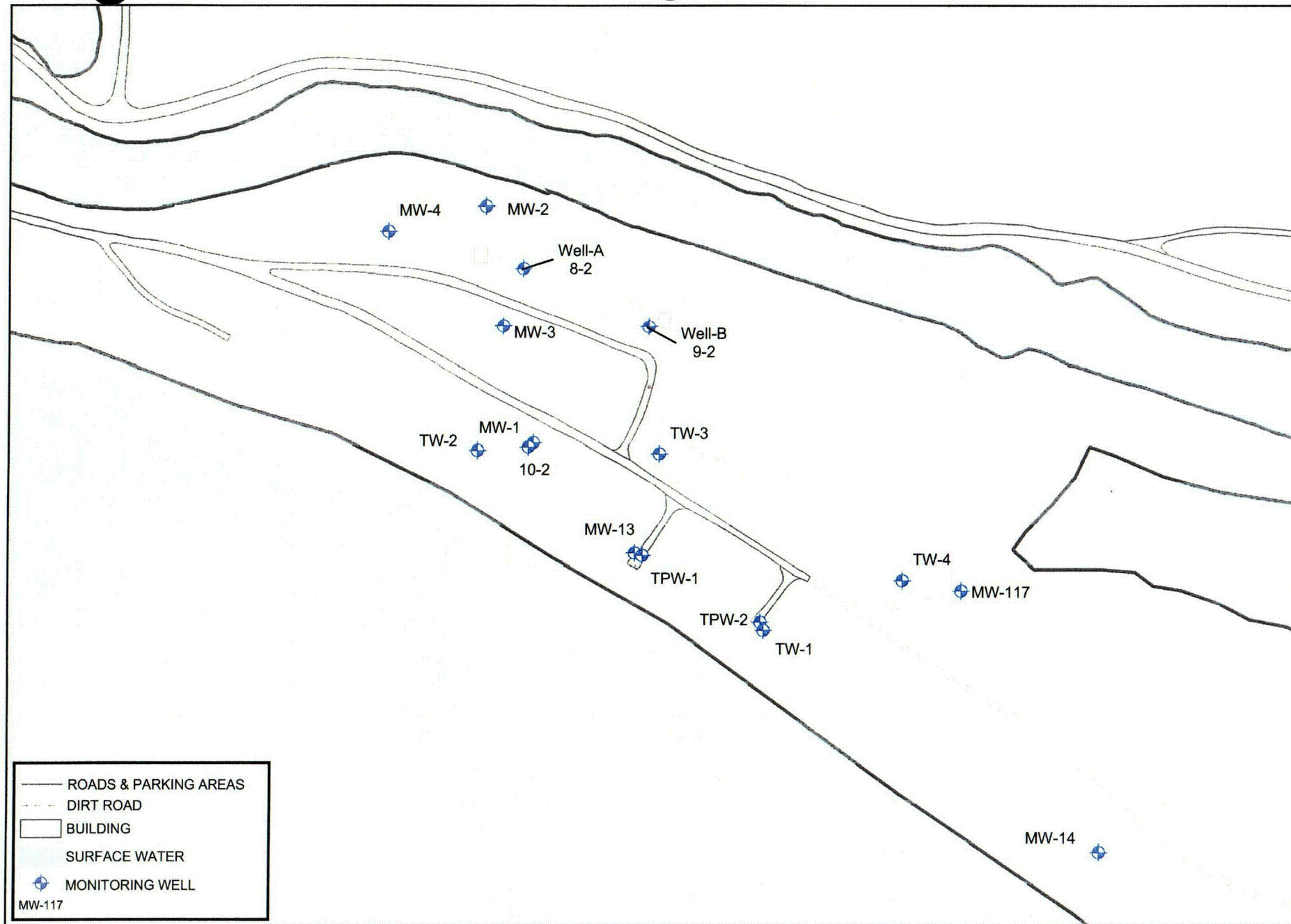


FIGURE 2-3
GROUNDWATER MONITORING LOCATIONS AT THE
PENINSULA AREA OF THE HADDAM NECK PLANT
HADDAM NECK, CT

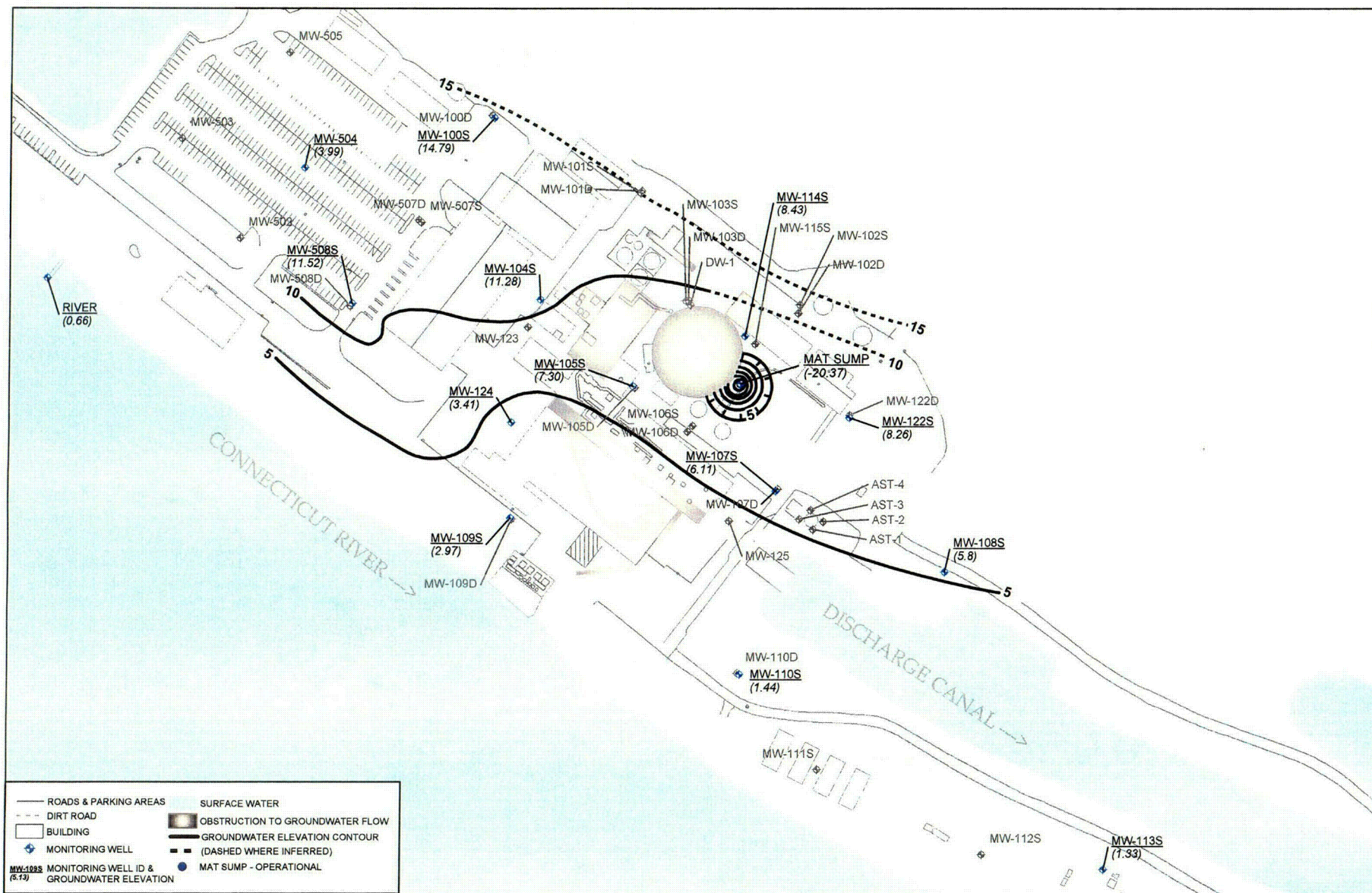


FIGURE 2-4
GROUNDWATER ELEVATION AND INFERRED CONTOURS AND FLOW DIRECTION IN THE UNCONSOLIDATED MATERIAL OF THE CONNECTICUT YANKEE HADDAM NECK PLANT FEBRUARY 12, 2004 4:35 HIGH TIDE
HADDAM NECK, CT

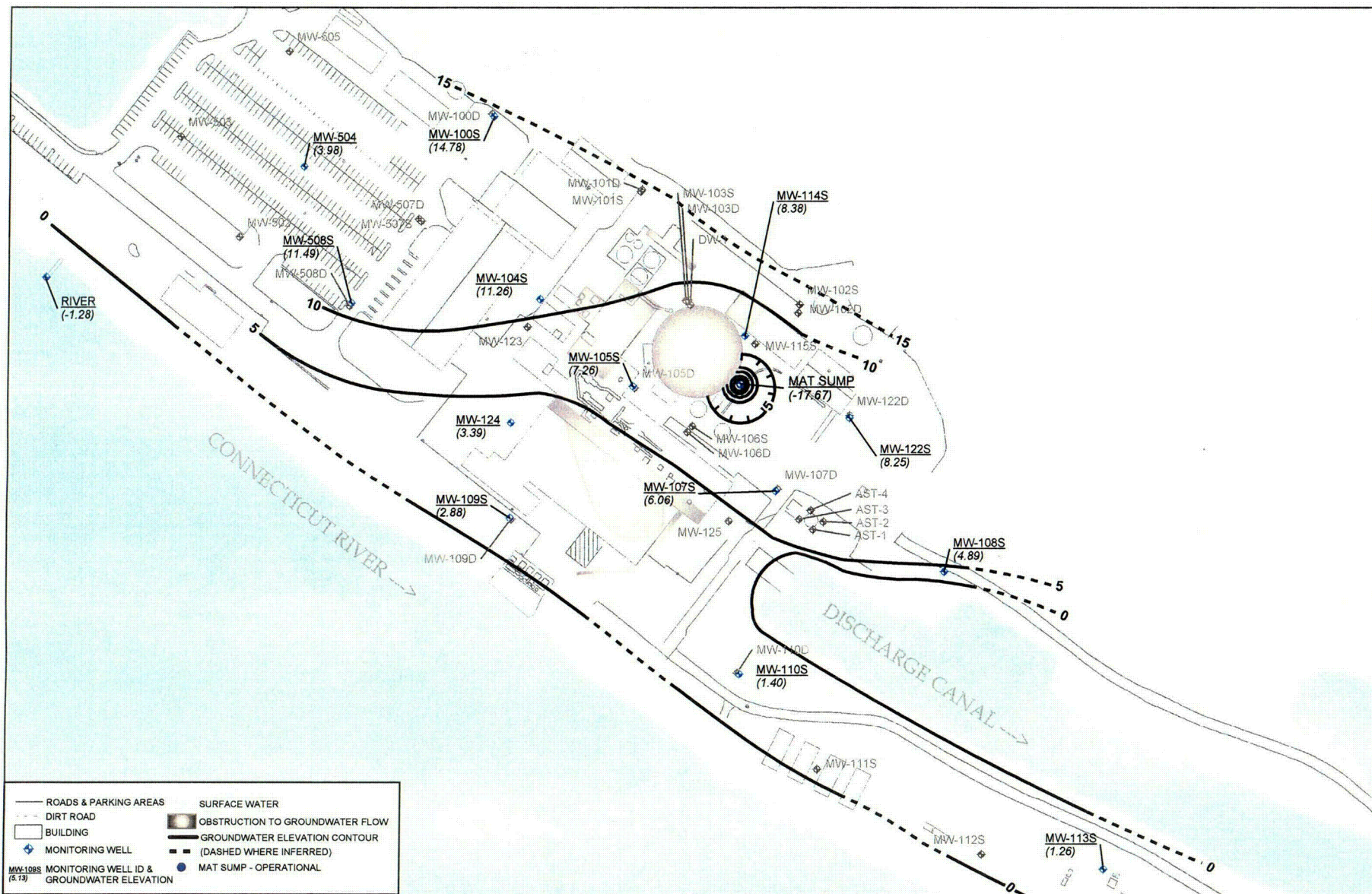


FIGURE 2-5
GROUNDWATER ELEVATION AND INFERRED CONTOURS AND FLOW DIRECTION IN THE UNCONSOLIDATED DEPOSITS OF THE CONNECTICUT YANKEE HADDAM NECK PLANT FEBRUARY 12, 2004 11:35 LOW TIDE
HADDAM NECK, CT



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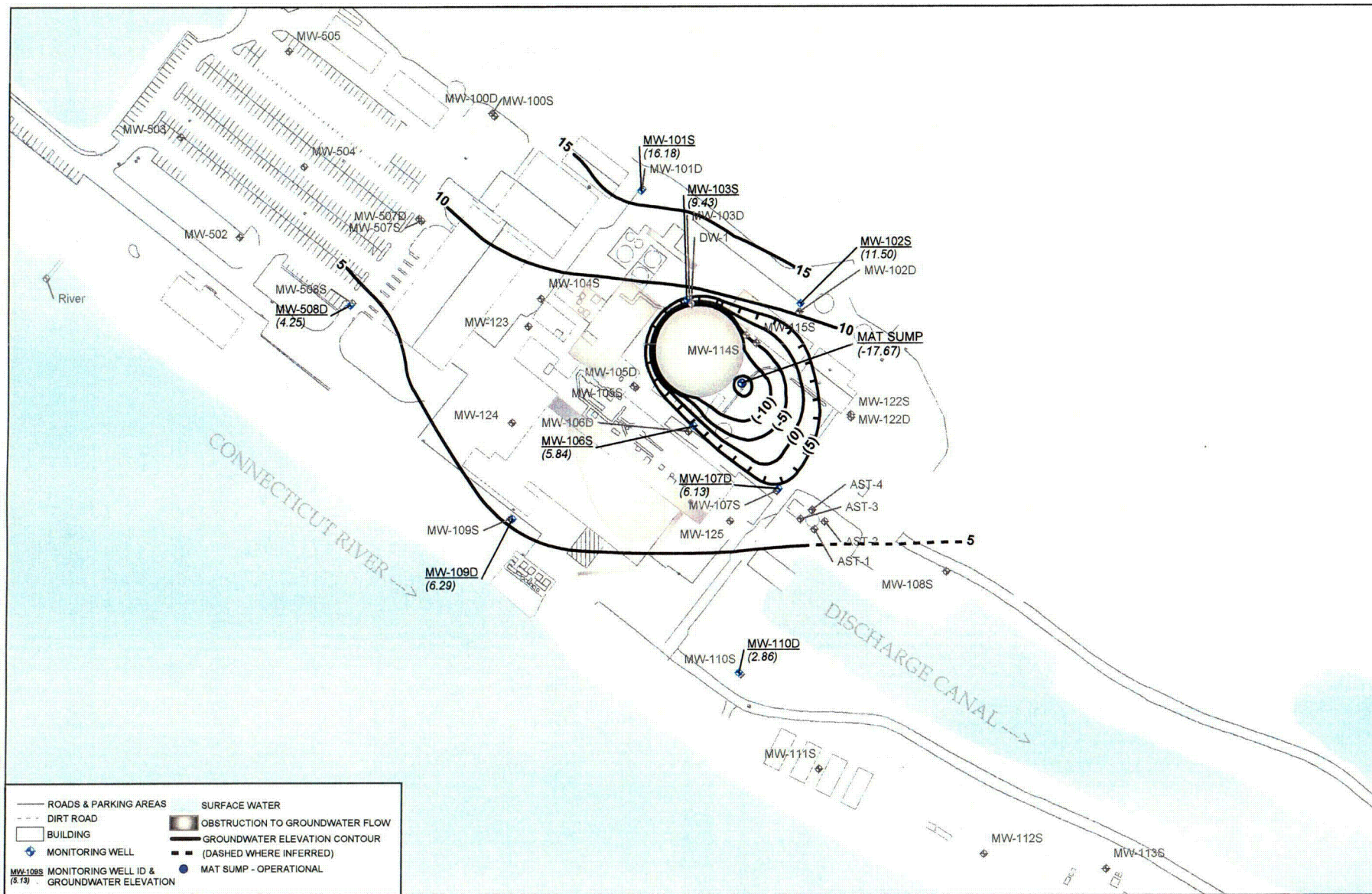


FIGURE 2-7
GROUNDWATER ELEVATION AND INFERRED CONTOURS AND FLOW DIRECTION IN THE SHALLOW BEDROCK
OF THE CONNECTICUT YANKEE HADDAM NECK PLANT FEBRUARY 12, 2004 11:35 LOW TIDE
HADDAM NECK, CT

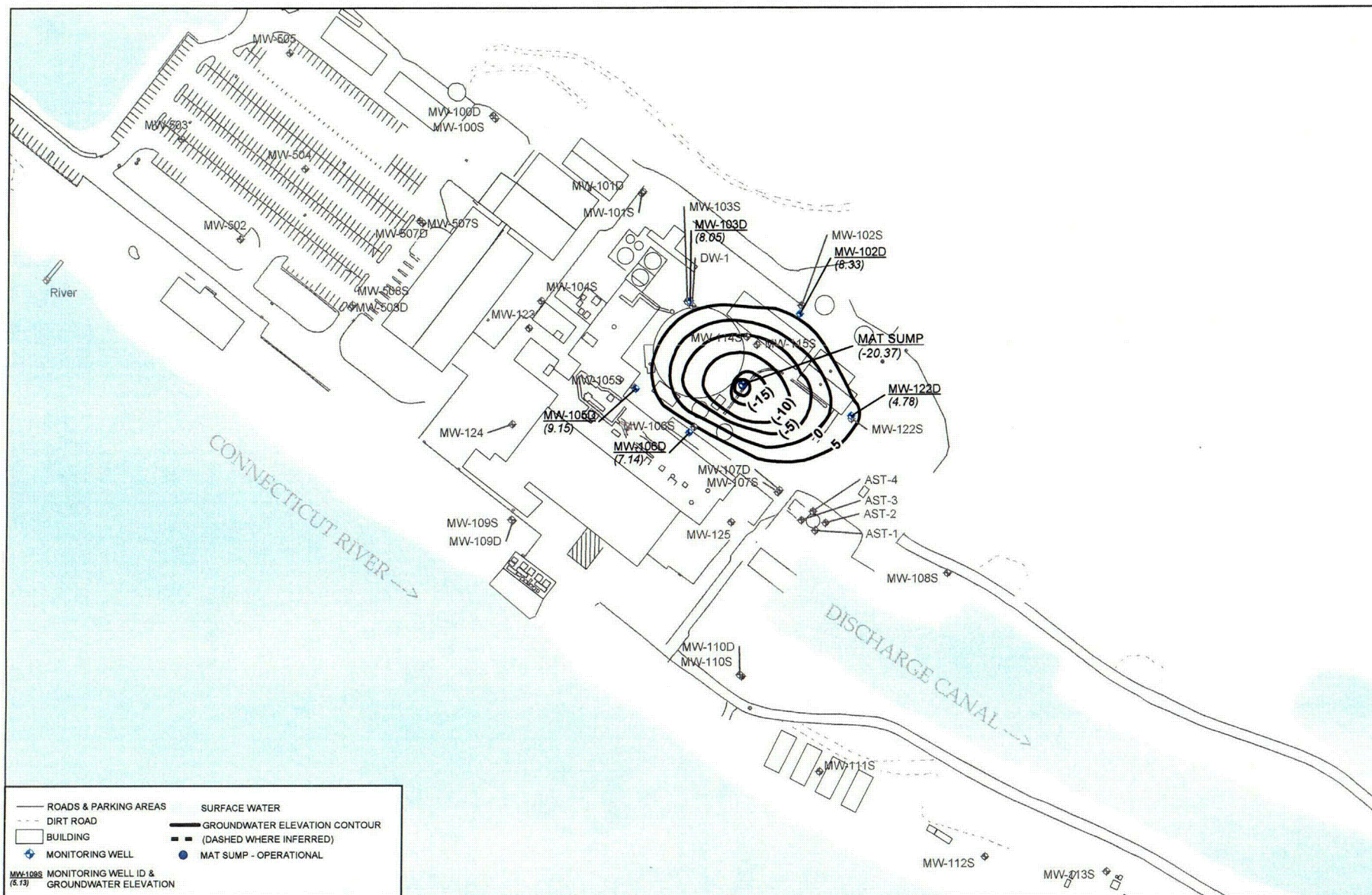
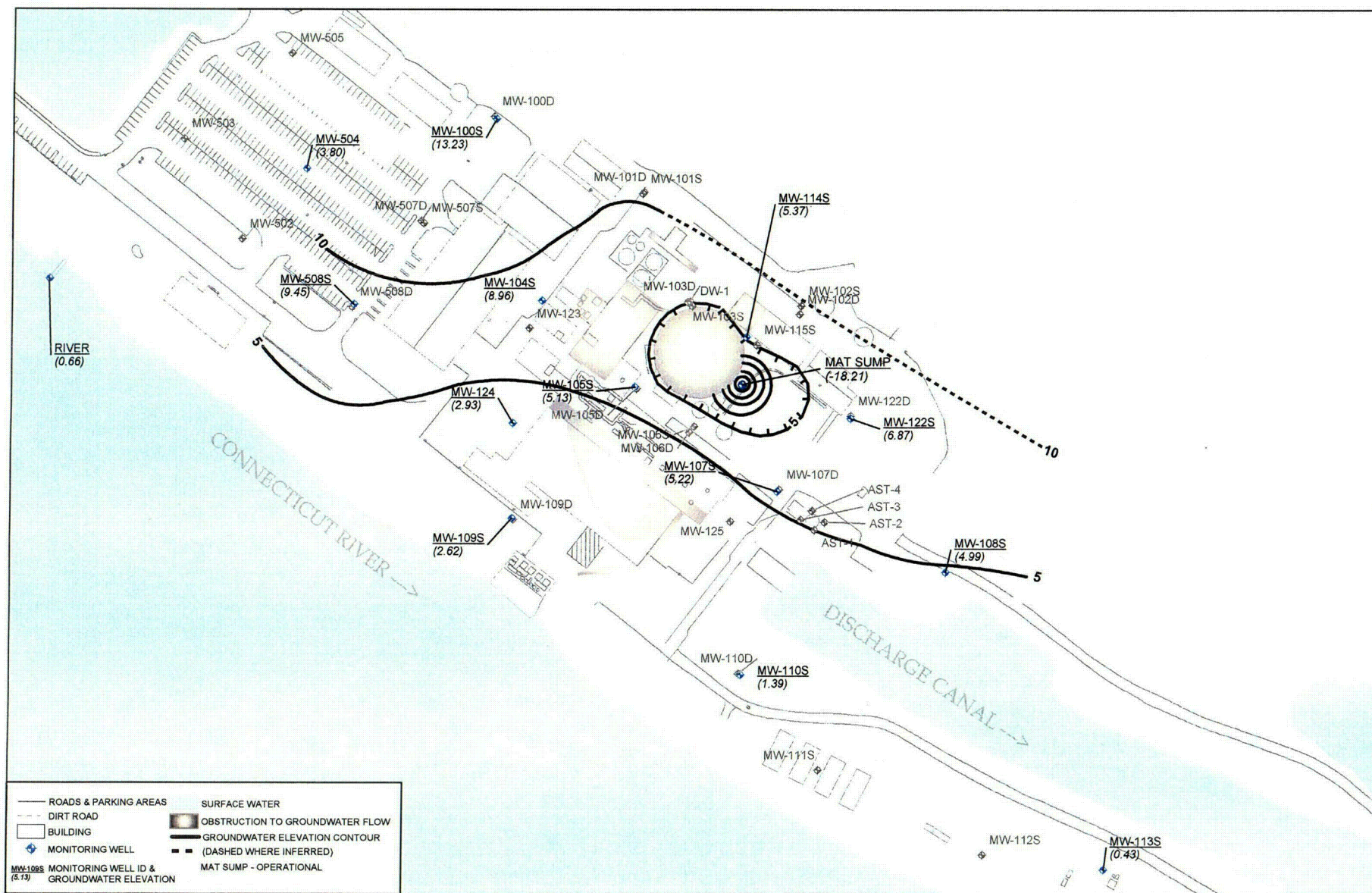


FIGURE 2-8
GROUNDWATER ELEVATION AND INFERRED CONTOURS AND FLOW DIRECTION IN THE DEEP BEDROCK
OF THE CONNECTICUT YANKEE HADDAM NECK PLANT FEBRUARY 12, 2004 4:35 HIGH TIDE
HADDAM NECK, CT



Shallow Bedrock Aquifer Assumptions

1. The shallow bedrock interval is defined as the upper ten (10) feet of the bedrock interval.
2. The shallow bedrock interval may be comprised of partially weathered rock and/or may be more intensely fractured than the deep bedrock interval.
3. The shallow bedrock interval is highly heterogeneous and anisotropic.
4. Shallow bedrock yields water from both fractures and rock matrix porosity.

FIGURE 2-10
GROUNDWATER ELEVATION AND INFERRED CONTOURS AND FLOW DIRECTION IN THE UNCONSOLIDATED DEPOSITS
OF THE CONNECTICUT YANKEE HADDAM NECK PLANT JUNE 12, 2004 21:00 HIGH TIDE
HADDAM NECK, CT

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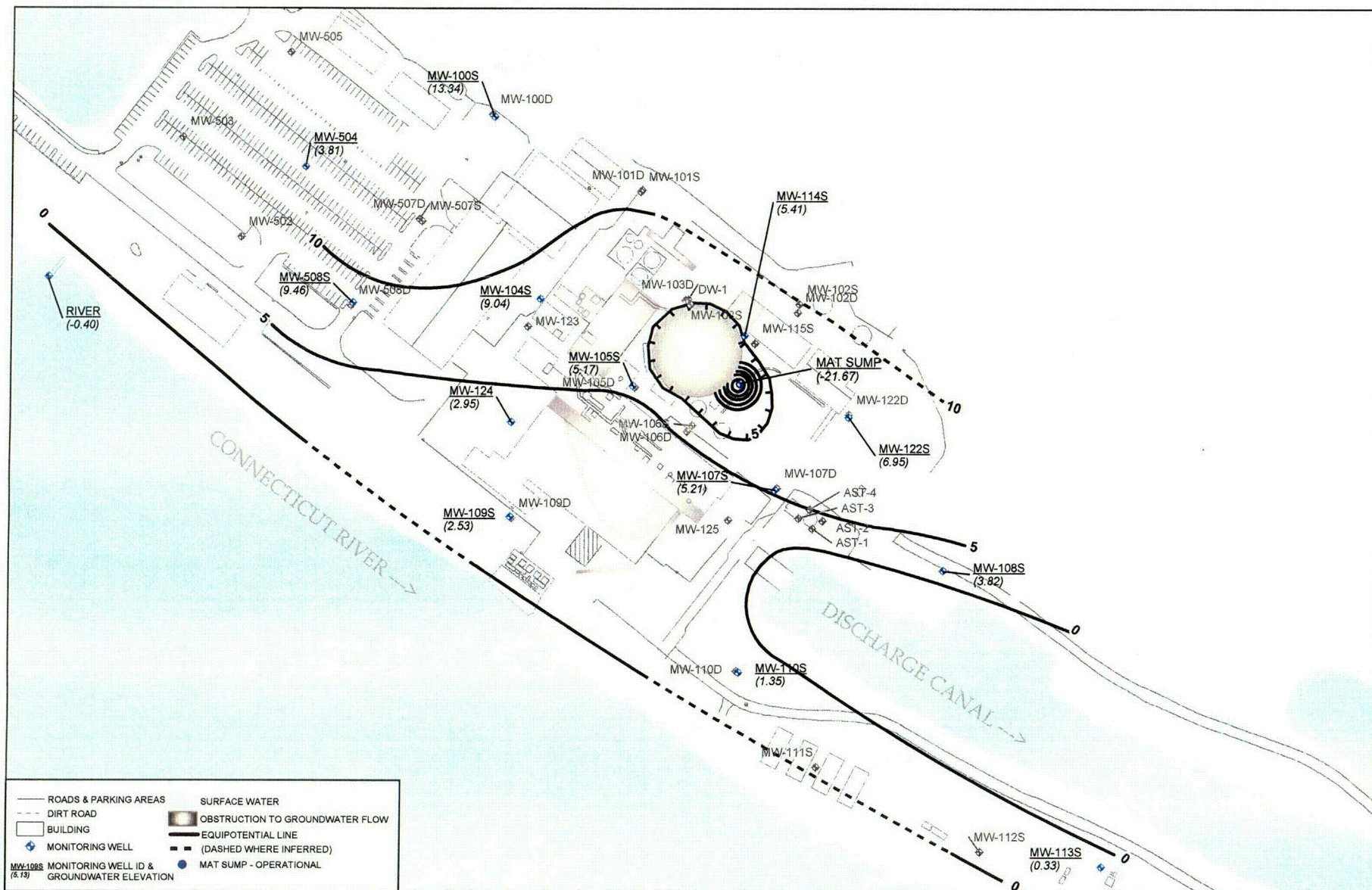


FIGURE 2-11
GROUNDWATER ELEVATION AND INFERRED CONTOURS AND FLOW DIRECTION IN THE UNCONSOLIDATED DEPOSITS OF THE CONNECTICUT YANKEE HADDAM NECK PLANT JUNE 12, 2004 15:10 LOW TIDE
HADDAM NECK, CT

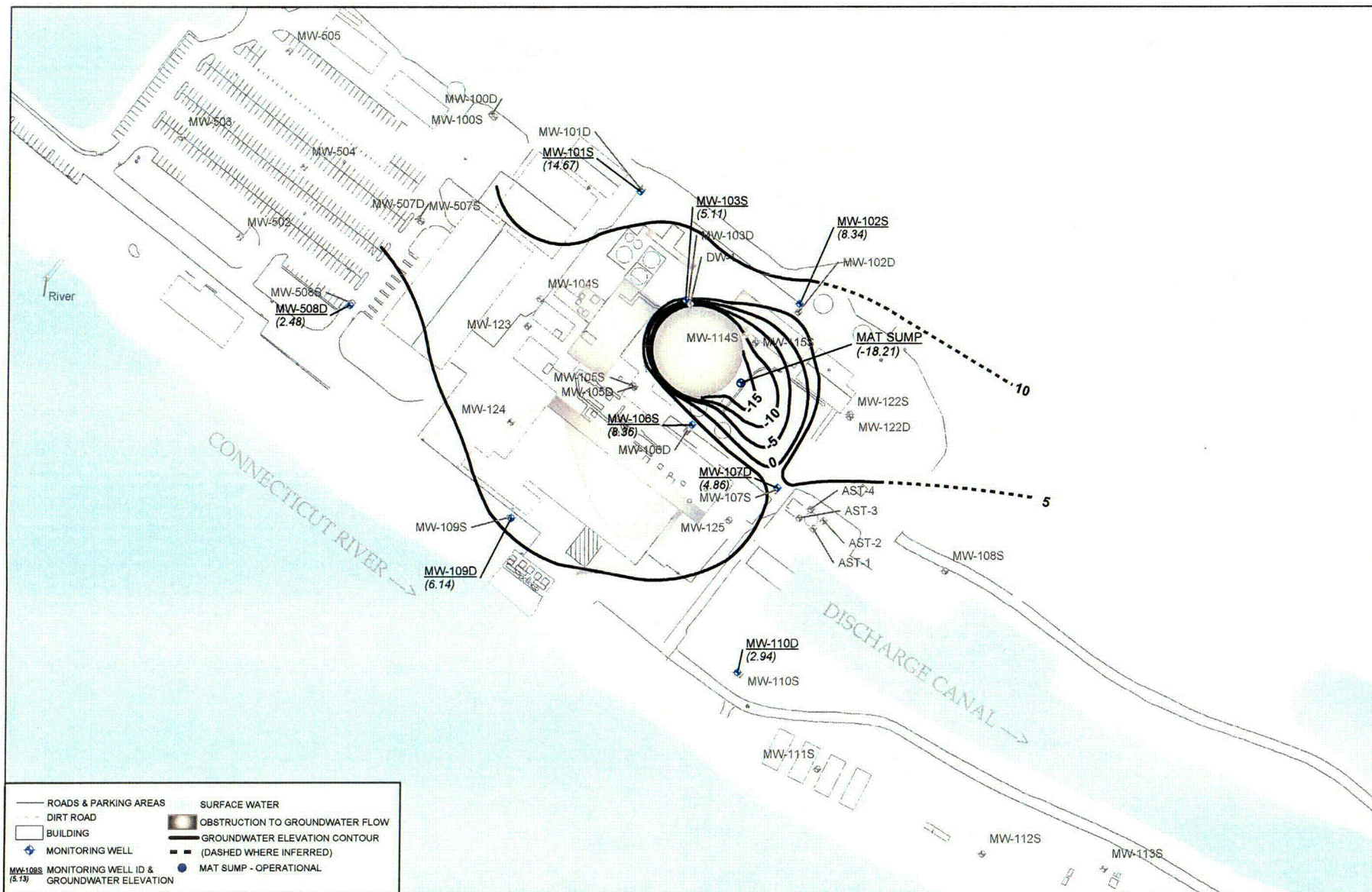


FIGURE 2-12
GROUNDWATER ELEVATION AND INFERRED CONTOURS AND FLOW DIRECTION IN THE SHALLOW BEDROCK OF THE CONNECTICUT YANKEE HADDAM NECK PLANT JUNE 12, 2004 21:00 HIGH TIDE
HADDAM NECK, CT

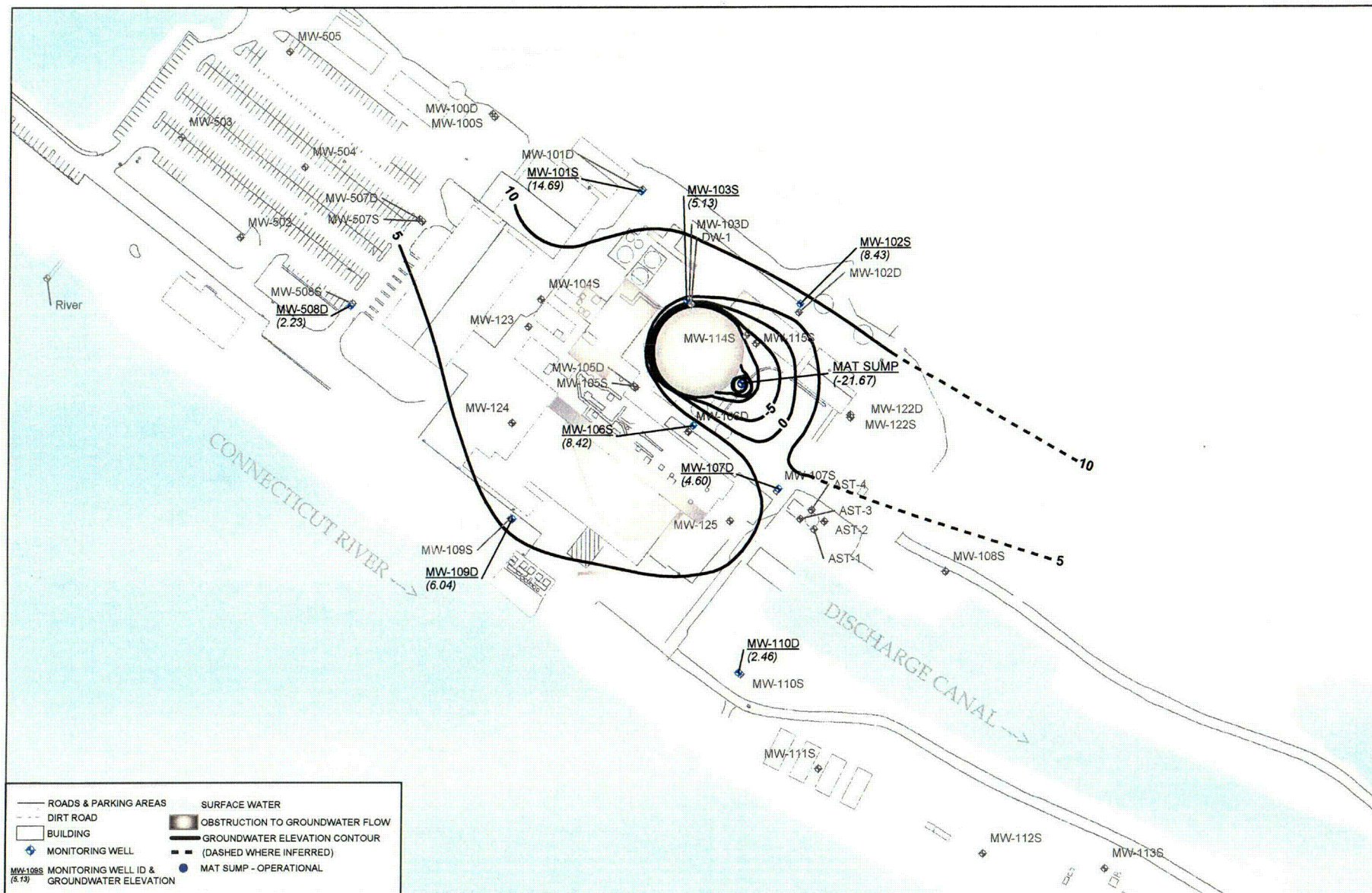


FIGURE 2-13
GROUNDWATER ELEVATION AND INFERRED CONTOURS AND FLOW DIRECTION IN THE SHALLOW BEDROCK OF THE CONNECTICUT YANKEE HADDAM NECK PLANT JUNE 12, 2004 15:10 LOW TIDE
HADDAM NECK, CT

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Figure 5-1: Mn-54 Rank Order for March 2004

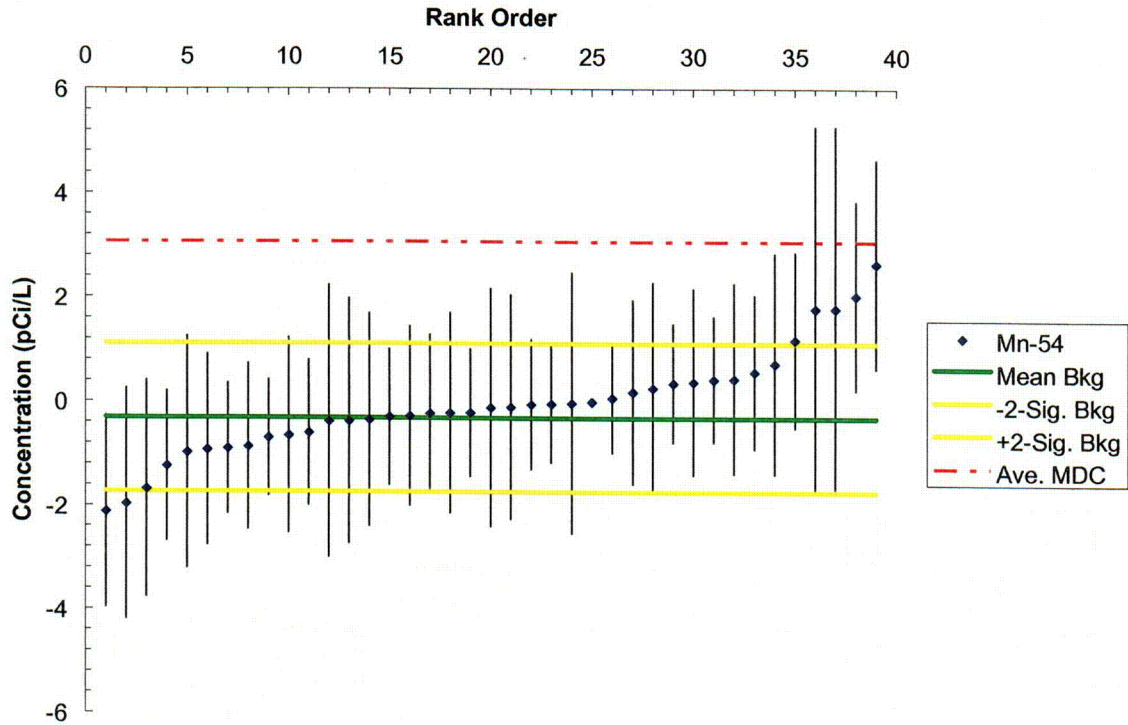


Figure 5-2: Mn-54 Normality Plot for March 2004

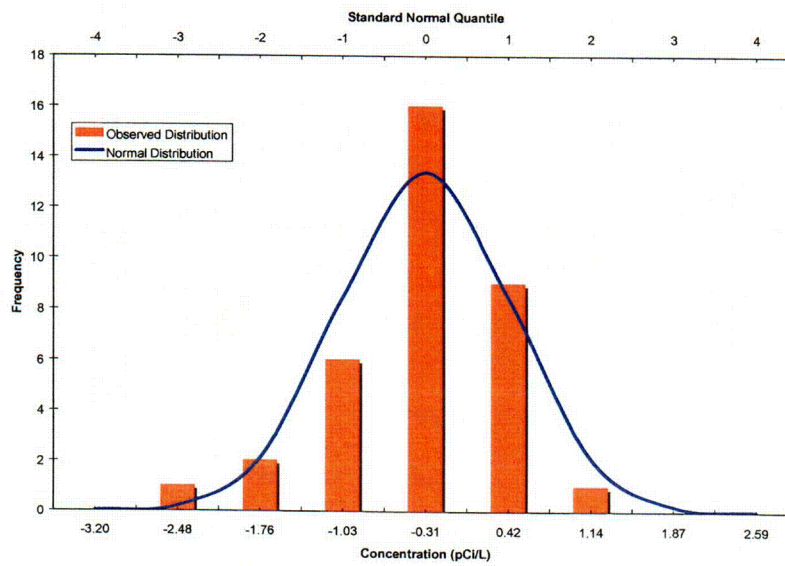


Figure 5-3: Cs-137 Rank Order for March 2004

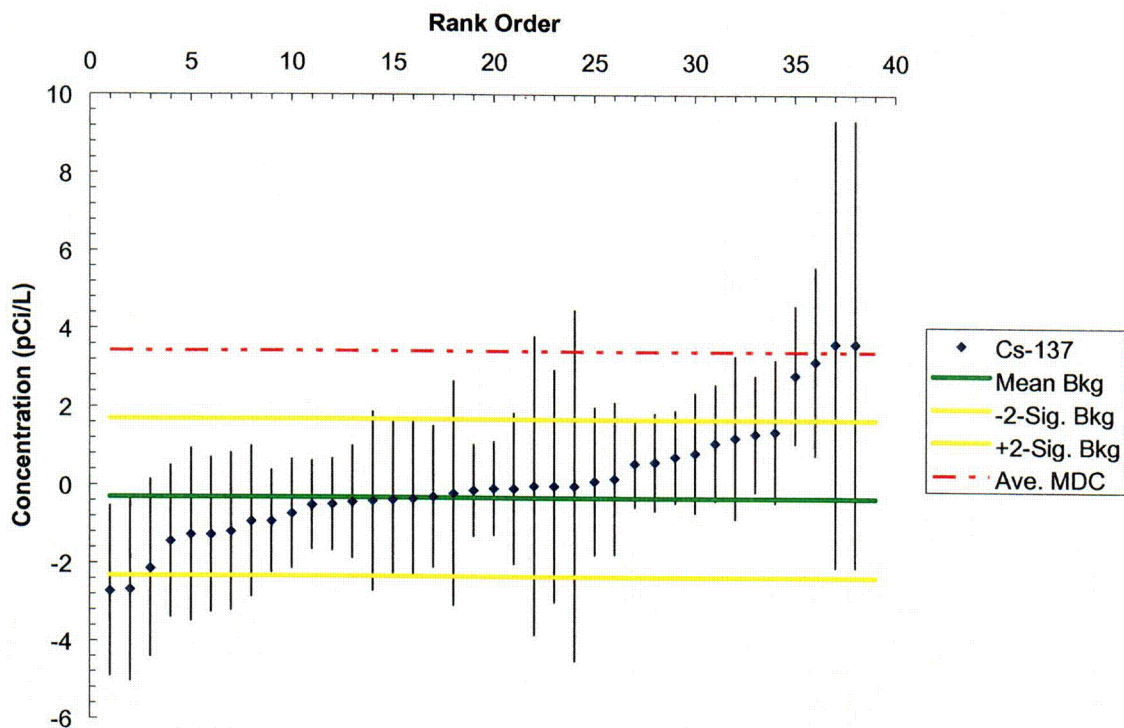


Figure 5-4: Cs-137 Normality Plot for March 2004

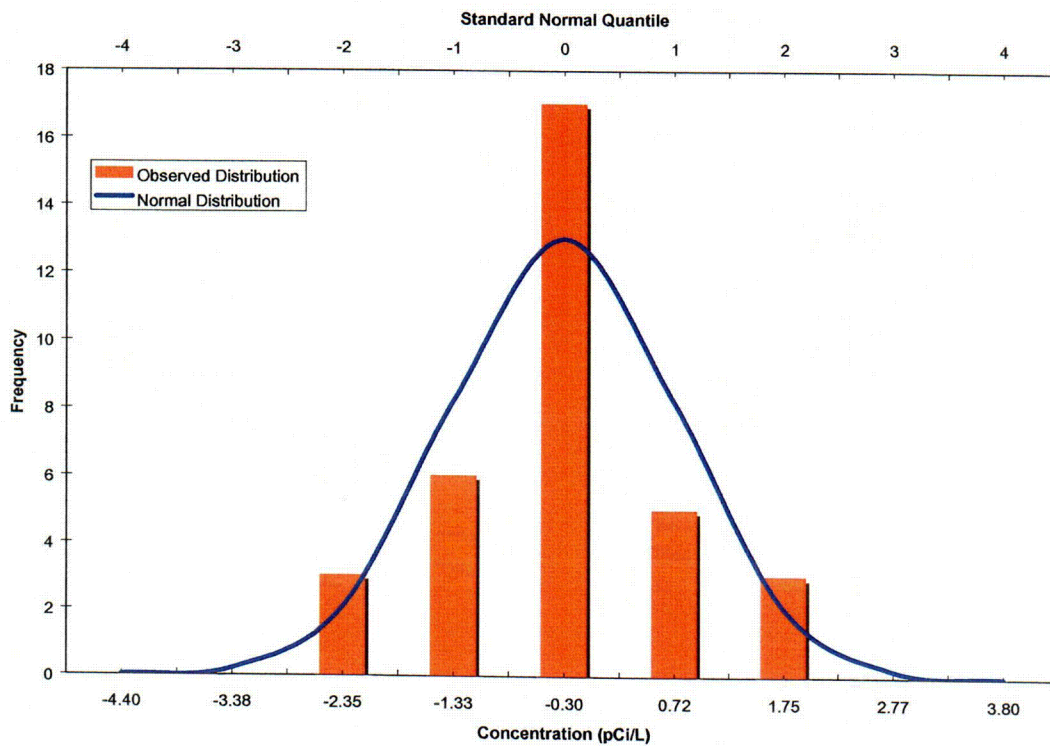


Figure 5-5: Co-60 Rank Order for June 2004

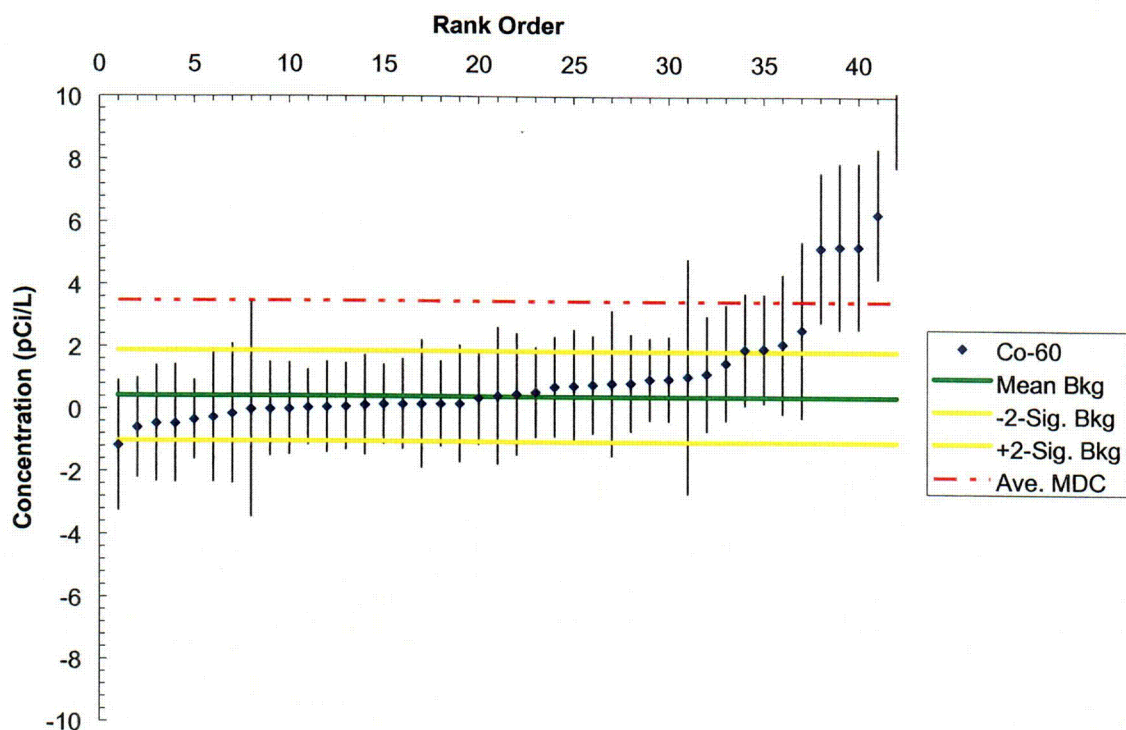


Figure 5-6: Co-60 Normality Plot for June 2004

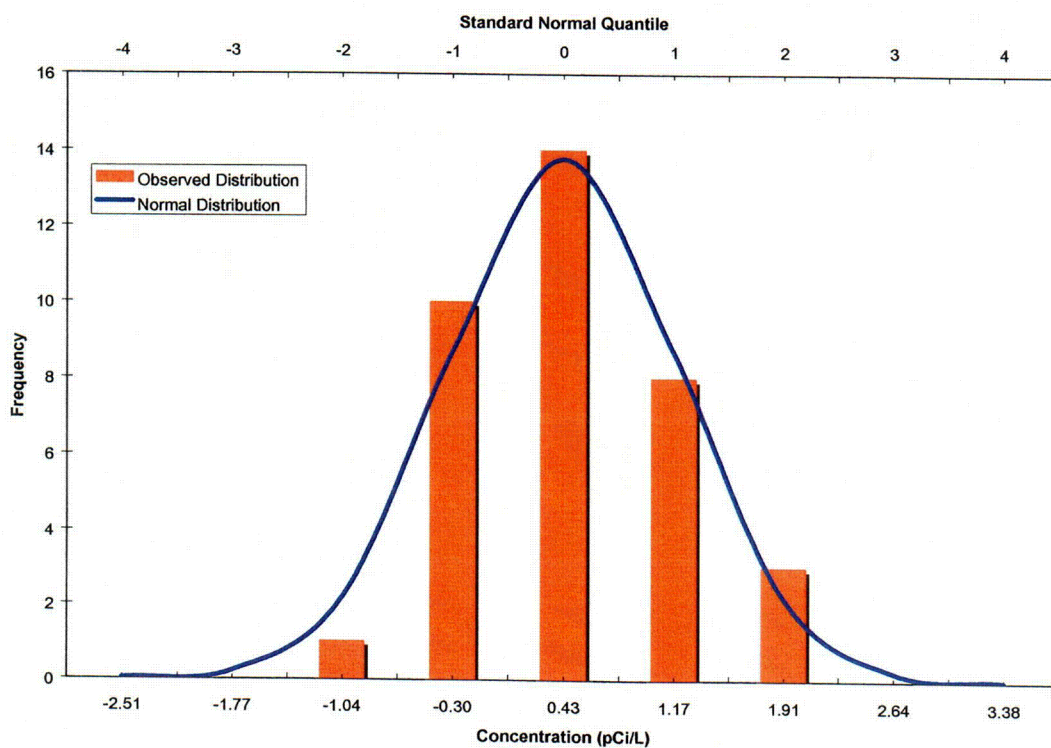


Figure 5-7: C-14 Rank Order for March 2004

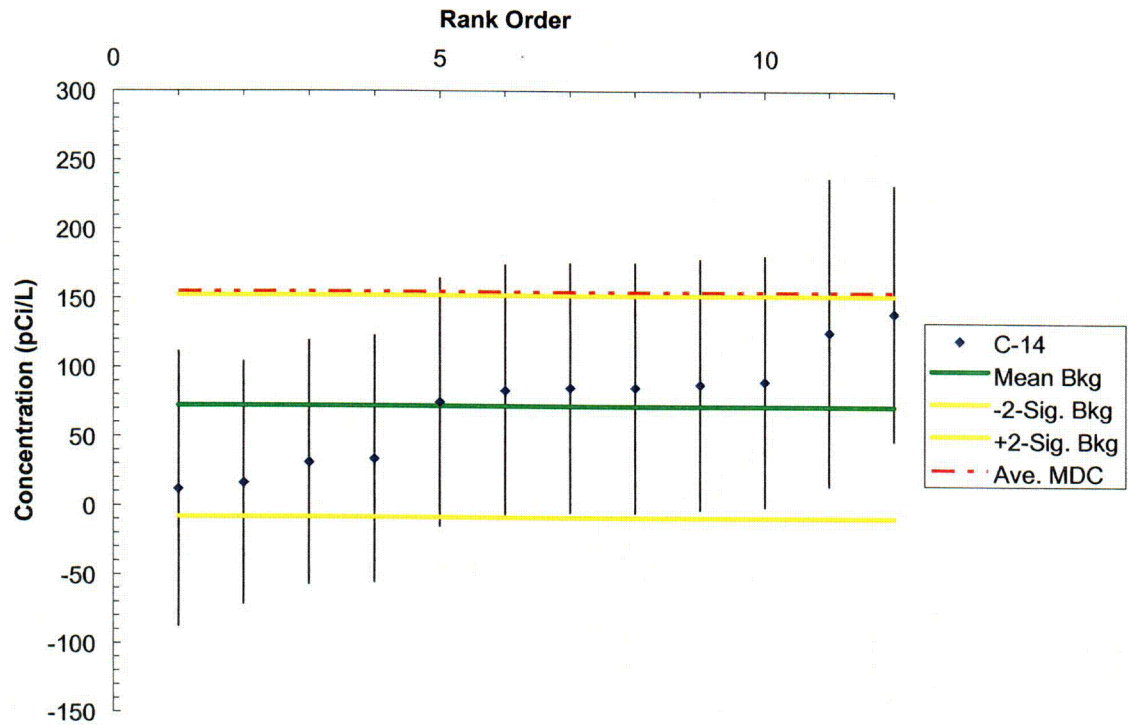


Figure 5-8: C-14 Normality Plot for March 2004

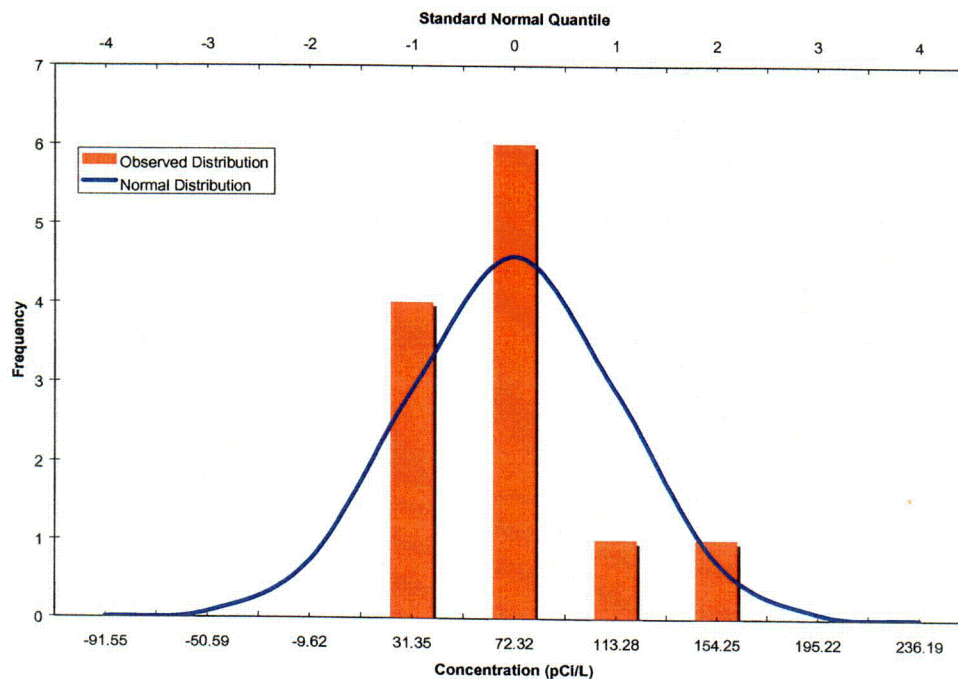


Figure 5-9: Fe-55 Rank Order for June 2004

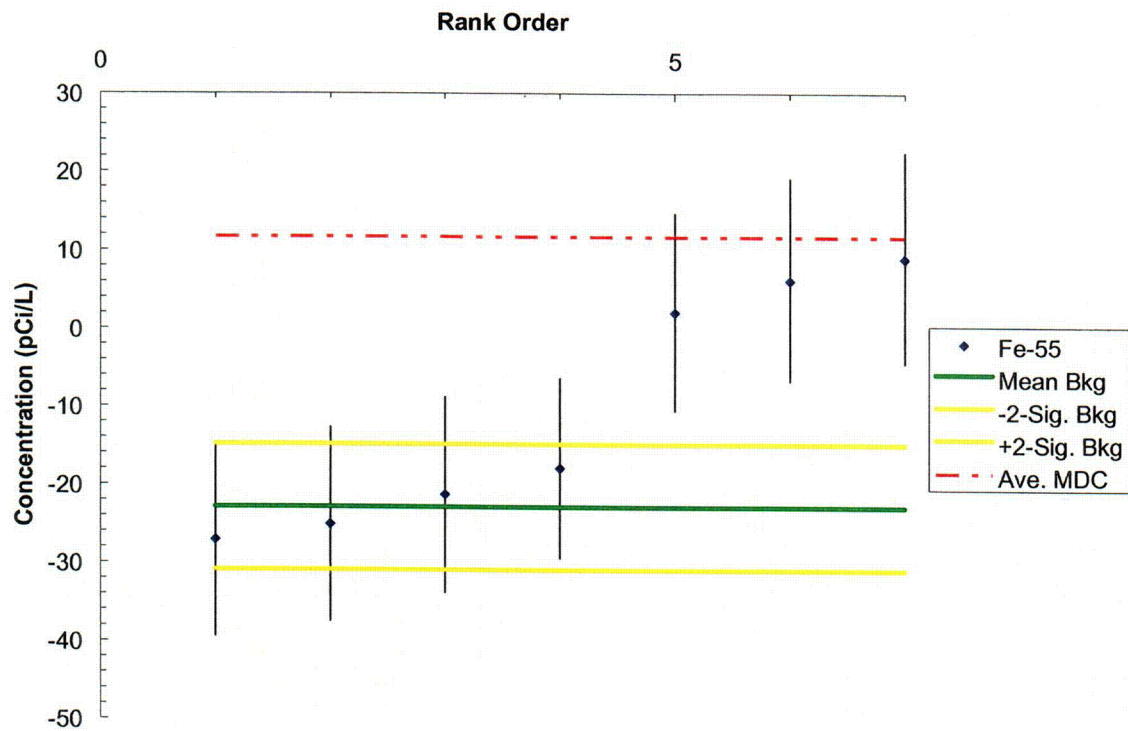


Figure 5-10: Fe-55 Normality Plot for June 2004

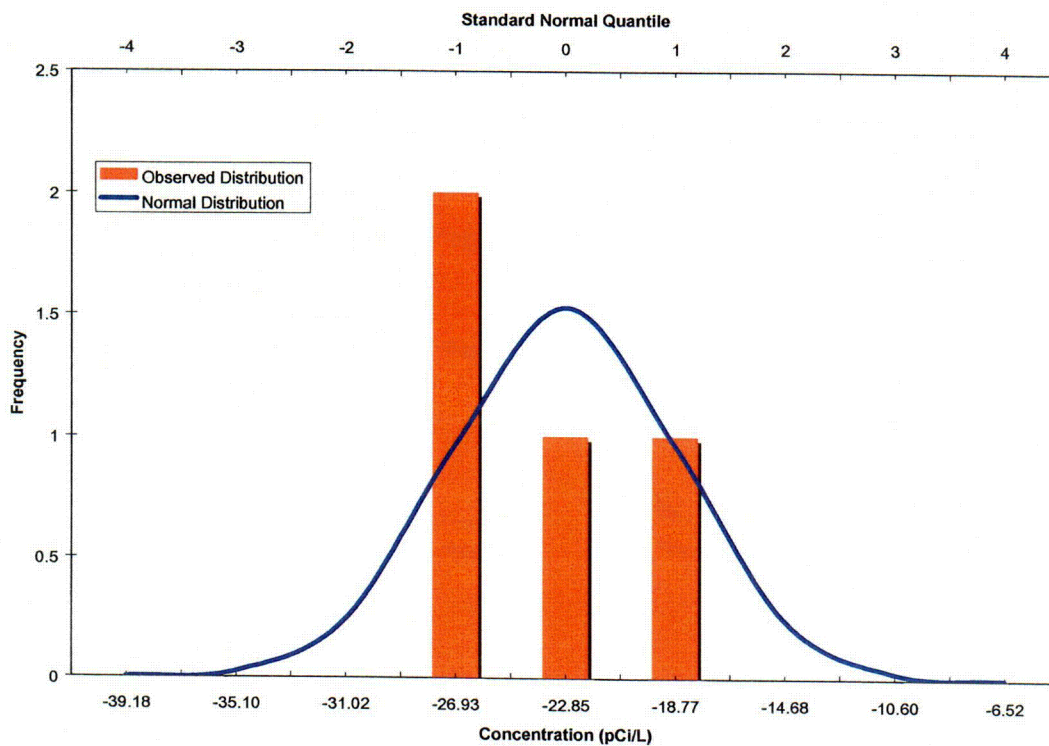


Figure 5-11: Sr-90 Rank Order for June 2004

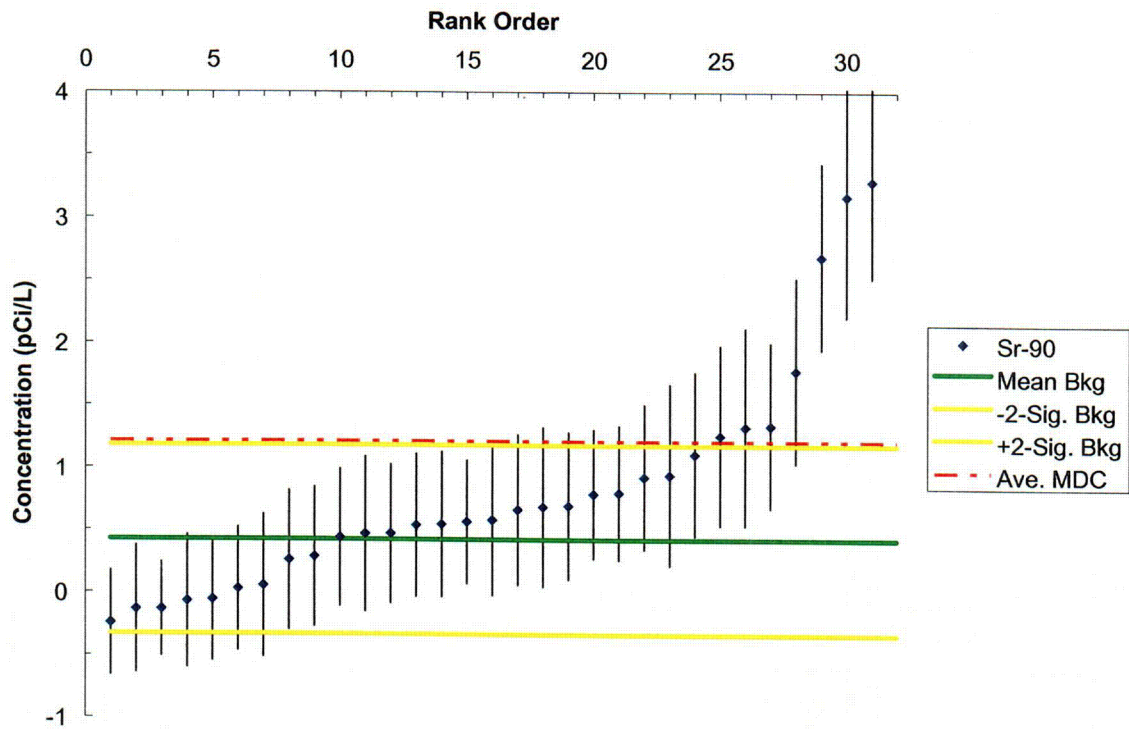


Figure 5-12: Sr-90 Normality Plot for June 2004

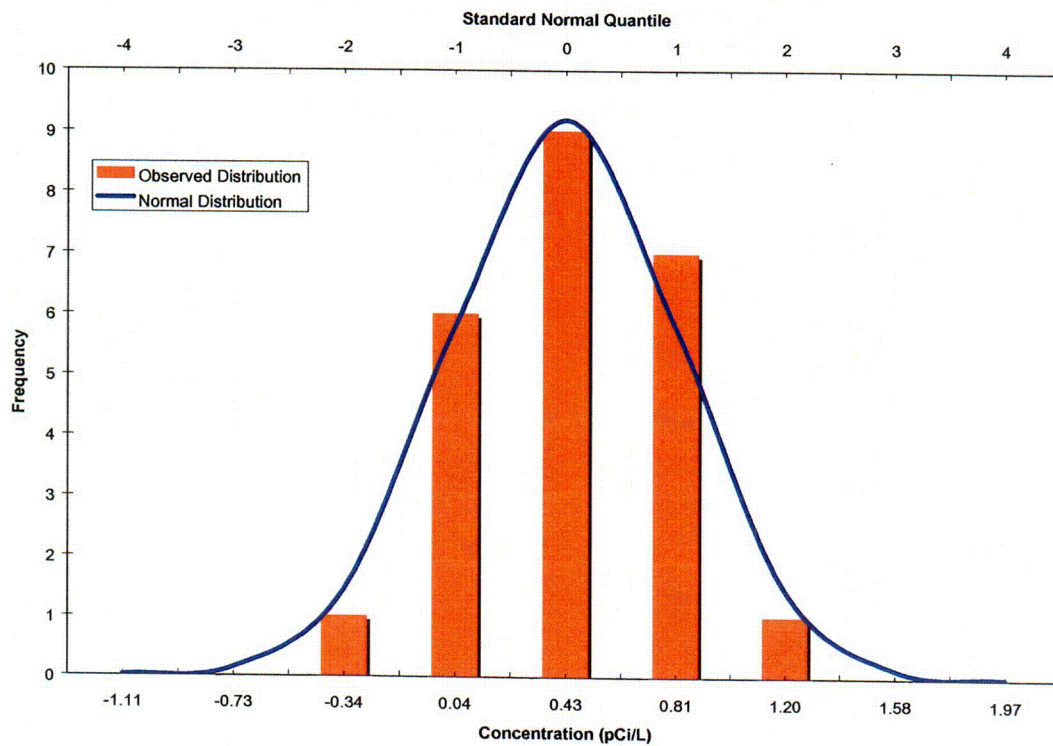


Figure 5-13: Cm-242 Rank Order for March 2004

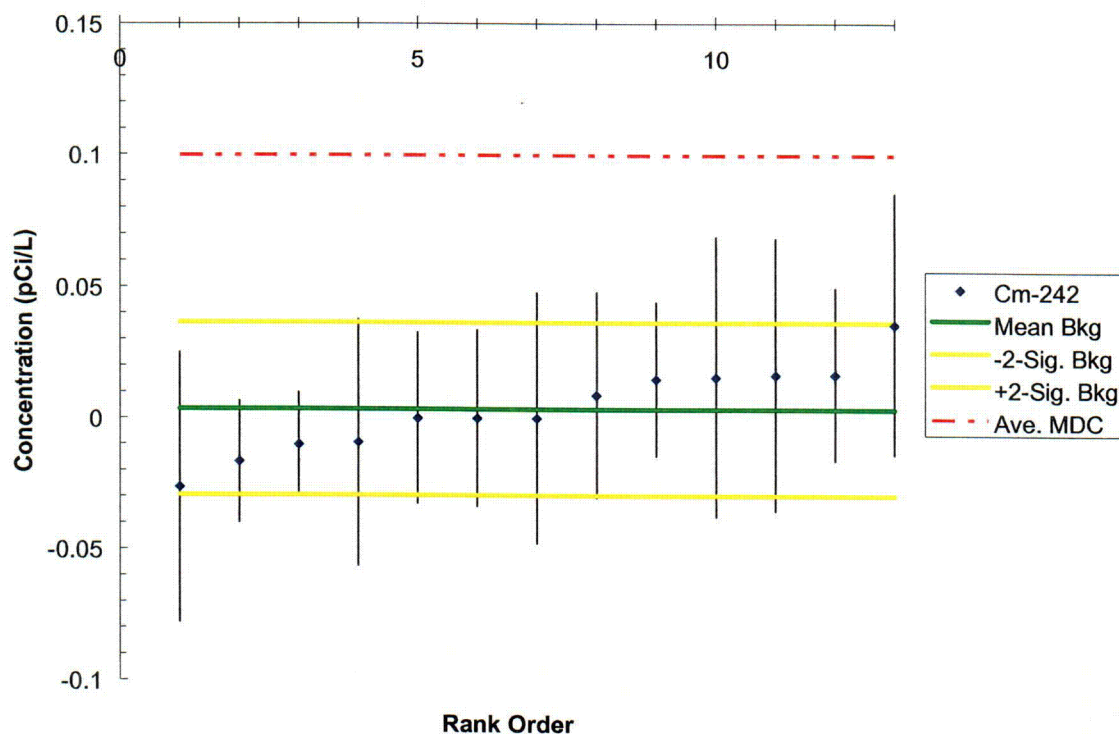


Figure 5-14: Cm-242 Normality Plot for March 2004

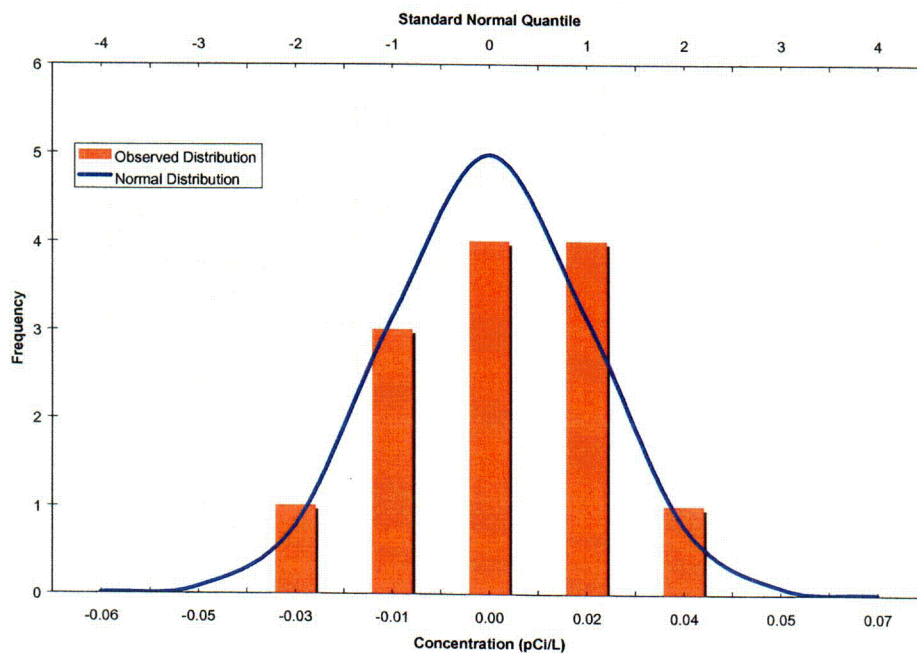


Figure 5-15: Am-241 Rank Order for March 2004

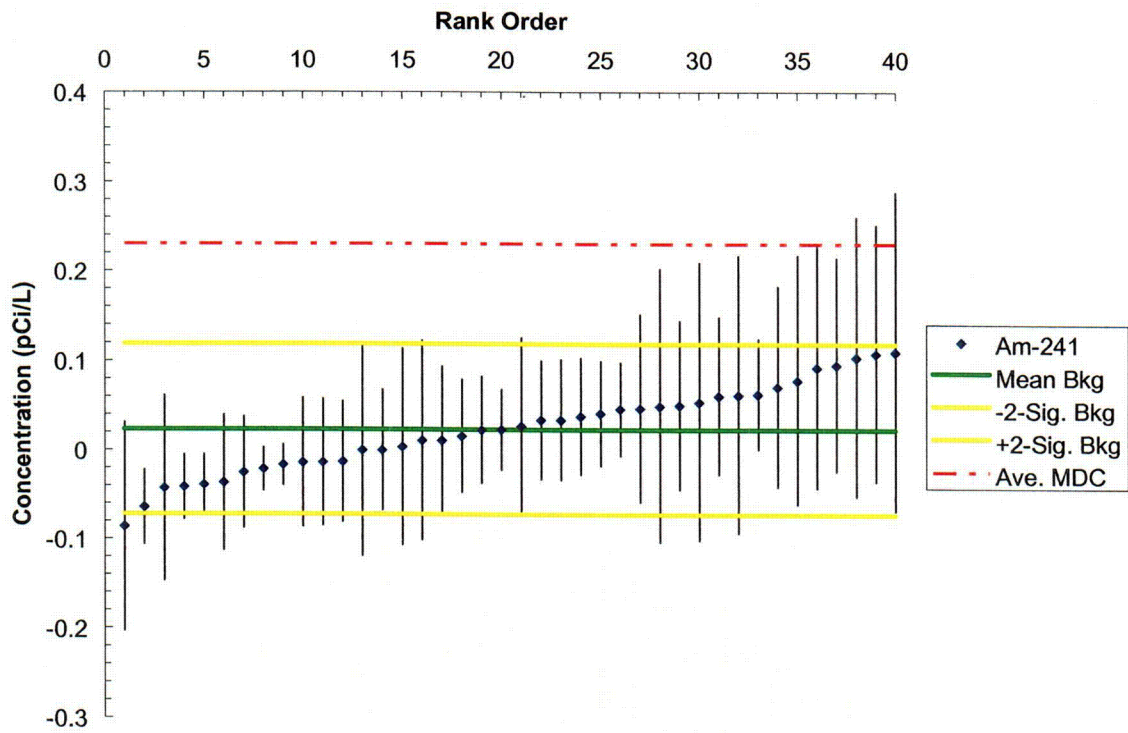


Figure 5-16: Am-241 Normality Plot for March 2004

