June 2007

License Termination Plan Groundwater Monitoring Event

Data Summary Memorandum

Prepared By

Connecticut Yankee Atomic Power Company

Haddam Neck Plant

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Required Analysis Key for CYAPCO Groundwater Samples
June 2007 Laboratory Data Summary

1.0 Introduction

This technical memorandum presents a summary of the results of the June 2007 groundwater sampling event collected from monitoring wells at the Connecticut Yankee Atomic Power Company (CYAPCO) Haddam Neck Plant (HNP) Groundwater Monitoring Plan to Support HNP License Termination (CYAPCO, 2007). The June 2007 event is the last planned sample event of the 18-month monitoring period required by the LTP.

This technical memorandum is organized in the following manner:

Section 1.0	Introduction
Section 2.0	Description of the Sampling Event
Section 3.0	Measured Concentrations of Substances of Concern in Groundwater
Section 4.0	Observations of Associated Parameters
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Attachment 1	Required Analysis Key for CYAPCO Groundwater Samples
Attachment 2	Laboratory Data Summary

The derived concentration guideline levels (DCGLs) presented in Chapter 6 of the HNP License Termination Plan (LTP) were developed for exposures from three potential sources, which include: residual radioactivity in soil and sediment ($H_{Soil\ (sediment)}$); existing groundwater radioactivity ($H_{ExistingGW}$); and future groundwater radioactivity from the potential burial of concrete foundations and footings containing residual radioactivity ($H_{FutureGW}$) in the saturated zone. Equation 1 shows the mathematical relationship among the three components and the total dose:

Equation 1:

$$H_{Total} = H_{Soil\ (sediment)} + H_{ExistingGW} + H_{FutureGW}$$

The total dose limit (H_{Total}) under the LTP is based on meeting a total effective dose equivalent (TEDE) limit of 25 mrem/yr from the sum of all three components. In contrast, the allowable total dose under the Connecticut Department of Environmental Protection (CTDEP) radiological remediation standard is 19 mrem/yr TEDE.

Survey units affected by existing groundwater and/or future groundwater are summarized in CYAPCO memorandum ISC 06-024. Based on field data, a conservative dose contribution from existing and future groundwater for the CTDEP radiological remediation standard was developed. As shown in Equation 2 below, a value not to exceed 4 mrem/yr TEDE was proposed for the sum of existing and future groundwater, leaving 15 mrem/yr for soil.

Equation 2:

$$19\ \text{mrem/yr}_{Total} = 15\ \text{mrem/yr}_{Soil} + 2\ \text{mrem/yr}_{ExistingGW} + 2\ \text{mrem/yr}_{FutureGW}$$

The purpose of this technical memorandum is to present the results of the June 2007 groundwater sampling event. Analytical results from the sampling event indicate that the existing groundwater dose contribution ($H_{ExistingGW}$) ranges from 0 to 1.98 mrem/yr TEDE. The maximum existing groundwater dose contribution (i.e., 1.98 mrem/yr at well MW-137) is below the 2 mrem/yr target for existing groundwater contribution identified in Equation 2 for the CTDEP radiological remediation standard, and is substantially less than the maximum allowable existing groundwater dose for this area (8 mrem/yr) as stipulated in the LTP. This value for existing groundwater will act to ensure that the total 25 mrem/yr TEDE limit will also be met for the HNP site.

2.0 Description of the Sampling Event

MACTEC Engineering and Consulting, Inc. of Portland, Maine (MACTEC), conducted the June 2007 groundwater sampling event. Sample collection and field measurements were conducted in accordance with existing procedures at the selected wells between June 4 and June 7, 2007. As was the case for the first quarter sampling completed in March 2007, the June 2007 sampling included the CTDEP requested and newly installed wells MW-139 and MW-140 established in the former Tank Farm area, and an existing well (MW-AST-5) downgradient from the former Ballfield that was remediated under the jurisdiction of the Resource Conservation and Recovery Act of 1976 program. These wells are not required for the Groundwater Monitoring Plan to support the HNP License Termination Plan (CYAPCO, 2007), and are presented for information only.

Two additional new wells were installed across the Connecticut River from HNP in the Haddam Meadows State Park during the fall of 2006. These wells, identified as wells XR-500S and XR-500D were first sampled in March 2007 and were resampled in June 2007 only for H-3 analysis.

Planned sample analyses for the June 2007 sampling event are presented in Table 2-1, and the monitoring well locations (with the exception of MW-117, located on the lower peninsula) are shown on Figure 2-1. Specific analytes included in each analysis group shown in Table 2-1 are described in Attachment 1. All monitoring well samples collected during the June 2007 sampling event met the criteria established for inclusion in the 18-month groundwater monitoring program, including a minimum equilibration period of five days between well development and sample(s) collection. A total of 63 groundwater monitoring and four field duplicate samples were collected by MACTEC and analyzed by General Engineering Laboratory (GEL) of Charleston, South Carolina. The samples were collected from 51 wells, including four multi-port sampling wells.

3.0 Measured Concentrations of Substances of Concern in Groundwater

This section discusses groundwater contamination by comparing the detected activity concentrations to applicable metrics and standards and evaluating the change in concentration(s) since the previous sampling event. The results for selected substances of concern (SOCs) identified in the 18-month groundwater monitoring plan are summarized in Table 3-1. The complete list of laboratory analytical results is included in Attachment 2.

For the purposes of this memorandum, the laboratory results are reduced to a tabulation of the SOCs in samples above the sample-specific Minimum Detectable Concentrations (MDCs) established for the groundwater monitoring activity. Those SOCs detected are then compared to the applicable groundwater DCGLs. The detected concentrations are also compared to the drinking water single-nuclide beta/photon emitter Maximum Contaminant Level (MCL) equivalent concentration for information only. The DCGL and MCL values are provided in the Groundwater Monitoring Plan to support the HNP License Termination Plan (CYAPCO, 2007).

The changes in concentration of selected SOCs as compared to the previous sampling event for each monitoring well are shown in Table 3-1. For the purposes of the preliminary assessment of changes over time, if the concentration of any of the constituents in the June sampling event was less than 75% or more than 125% of the March 2007 value at the same well, the concentration was considered to have either decreased or increased, respectively. June 2007 values greater than 75% and less than 125% of the March 2007 values were considered stable. A formal statistical trend analysis of contaminant concentrations observed in June 2007 will be presented in the Groundwater Compliance Summary Report.

3.1 Substances Detected in Groundwater Samples

The SOCs detected in groundwater samples from the June 2007 sampling event included strontium-90 (Sr-90), tritium (H-3), and Cesium-137 (Cs-137). These are summarized in Table 3-1 and discussed below. The sample-specific MDC for each analyte is included in Attachment 2.

Tritium (H-3) was detected in 42 of 63 samples collected. Detected H-3 concentrations ranged from 334 to 14,000 pCi/L. The highest H-3 concentration was observed in MW-119-6, approximately 29 feet below ground surface. The maximum H-3 concentration did not exceed the DCGL and was below the single-nuclide beta/photon MCL equivalent concentration for tritium (20,000 pCi/L). Tritium was also found at a concentration greater than 10,000 pCi/L at MW-119-5 (10,900 pCi/L). The two highest-concentration locations were stable relative to March 2007 conditions (Table 3-1). Table 3-1 summarizes the tritium results for June 2007 and shows that for wells in which

comparison of H-3 concentrations can be made in the June 2007 and March 2007 samples, they are stable in 27 monitoring wells, decrease from March 2007 to June 2007 in 9 monitoring wells, and increase from March to June in 11 monitoring wells. The wells with increasing and decreasing concentrations all exhibit relatively low H-3 concentrations, typically less than 3,000 pCi/L. The overall statistical trend assessments evaluating compliance with the LTP will be performed in the Groundwater Compliance Summary Report.

The relative concentrations of H-3 in the confined and unconfined aquifers are illustrated in Figures 3-1 and 3-2, respectively. Cross-section locations used to develop the vertical distribution of SOCs are shown in Figure 3-3, and the vertical distribution of H-3 is illustrated in Figures 3-4 and 3-5. In general, the highest H-3 groundwater concentrations reported in the June 2007 sampling event are located in the downgradient monitoring wells (Figures 3-1 through 3-5). This is most likely a function of the remediation activities completed to date in the upgradient source areas, and the subsequent flushing of the unconfined and confined aquifers.

Strontium-90 (Sr-90) was detected in eight groundwater samples at concentrations ranging from 1.44 to 9.52 pCi/L. The highest Sr-90 concentration was detected in well MW-125 and exceeds the single-nuclide MCL beta-photon equivalent concentration of 8 pCi/L. The June 2007 concentration of Sr-90 in MW-125 has decreased from 13.1 pCi/L reported in March 2007 to 9.52 pCi/L, a decrease of 27%. Other detected Sr-90 concentrations are less than 5 pCi/L.

Strontium in groundwater at HNP has historically been distributed within the unconfined aquifer in the central part of the industrial area downgradient of source areas located in the upgradient portion of the HNP site (see Figures 3-6 and 3-7). Sr-90 has also been detected in groundwater from wells completed in the uppermost confined aquifer unit at HNP (Figure 3-6). Those well locations in which Sr-90 is detected have exhibited variable concentrations since December 2005. Table 3-1 shows that four of the eight Sr-90 detections (MW-106S, MW-124, MW-125, and MW-137) reported in June 2007 have decreased relative to the concentrations from the same wells in March 2007; two are stable (MW-118A-5 and MW–131S); only one is increased (MW-130); and one is indeterminate; MW-131D. The highest Sr-90 concentrations are observed in the unconfined aquifer, and more wells in the unconfined aquifer have Sr-90 present above the MDC (Figures 3-6 and 3-7). The overall statistical trend assessments evaluating compliance with the LTP will be performed in the Groundwater Compliance Summary Report.

Cesium-137 (Cs-137) was detected in only one monitoring well (MW-137) at a concentration of 23.9 pCi/L in the June 2007 groundwater samples. Since September 2006 when Cs-137 was detected at 126 pCi/L in MW-137, Cs-137 concentrations steadily decreased to 29.8 pCi/L in March 2007, and then 23.9 pCi/L in June 2007. Monitoring wells MW-103S and MW-140, which exhibited detectable Cs-137 in the December 2006 sampling event, exhibited no detectable Cs-137 in March or June 2007. The distribution of Cs-137 non-detected concentrations in groundwater in the confined and unconfined aquifer units is shown in Figures 3-8 and 3-9, respectively. The distribution of Cs-137 in groundwater is limited to the close proximity of former source

areas including the tank farm, PAB-containment, and fuel building (Figures 3-8 and 3-9). This is a function of the strong affinity for Cs-137 to partition to soil relative to groundwater which limits the migration of Cs-137 relative to Sr-90 and H-3.

3.2 Data Quality Assessment

This section describes the summary Data Quality Assessment (DQA) performed for the laboratory measurement data. The DQA was performed to ensure the data presented for interpretation are of known quality and that any data quality deficiencies are identified for corrective action.

3.2.1 Precision

Analytical precision was assessed for the June 2007 groundwater sampling event through analyses of duplicate samples collected in the field and analyzed under blind conditions by the laboratory. The analytical laboratory also generates duplicate samples that are used to evaluate precision internally. The analytical results of field duplicate analyses are shown in Table 3-2, and an evaluation of the laboratory duplicates are presented in Table 3-3.

Field Duplicates

The field duplicate is typically a blind duplicate submitted to the contract laboratory. The field duplicate sample is analyzed for the same constituents as the original sample. Only those reported radiochemical results with a sufficient signal-to-noise ratio (i.e., sample-to-uncertainty concentration ratio) greater than five are evaluated and summarized. The uncertainty used in this ratio is the one-sigma random uncertainty reported with the radiochemical results. Inorganic results that are greater than the Contract Required Detection Limit (CRDL) are also included in this evaluation.

The field duplicate samples for the June 2007 sampling event were collected from monitoring wells MW-106D, MW-118A-3, MW-132S, and MW-138. The blind duplicate samples were analyzed for gross alpha, gross beta, H-3, Sr-90, gamma emitters by gamma isotopic analysis, and boron. Results of the field duplicate evaluation exhibiting a signal-to-noise ratio greater than five and inorganic results greater than the CRDL are summarized in Table 3-2. One of the radiological field duplicate results was outside the HNP precision acceptance limits (relative percent difference [RPD] < 20% or absolute zero sum [AZS] < 3). The gross alpha result for well MW-118A-3 was just outside the criteria (RPD = 22%, AZS = 4). All samples analyzed in this batch were qualified with a P qualifier to document the precision failure.

All of the inorganic field duplicate results were within the HNP precision acceptance limits.

Laboratory Duplicates

Approximately 25% of the samples analyzed by GEL in a sampling event are internal or laboratory Quality Control (QC) samples. These laboratory QC samples are composed of laboratory control spikes, matrix spikes, method blanks, and duplicates. The

reproducibility of laboratory measurements is evaluated through the use of matrix duplicates. These duplicates are processed at a frequency of one matrix duplicate per sample batch. The HNP internal acceptance criteria for duplicate samples are as follows:

- RPD with respect to the mean value within 20% or AZS < 3, when the signal-to-noise ratio (i.e., sample-to-uncertainty concentration ratio) is greater than five.

- For inorganic results, RPD within 20% or AZS < 3 when results are greater than the CRDL.

The laboratory internal duplicate acceptance criteria are given below:

- RPD with respect to the mean value must be within 20% or AZS < 3 for sample and duplicate analytical results greater than five (5) times the CRDL. For sample or duplicate analyses results less than the product of five times the CRDL, the difference should be less than or equal to the CRDL.

For the June 2007 sampling event, all laboratory duplicate results were within the HNP precision acceptance limits (RPD < 20% or AZS < 3).

The precision evaluation for radiochemical results of laboratory duplicate samples exhibiting a signal-to-noise ratio greater than 5 and inorganic results greater than the CRDL are presented in Table 3-3.

3.2.2 Accuracy

The laboratory analyzed QC samples to assess analytical accuracy as part of the June 2007 sampling event. Approximately 25% of the samples analyzed by the laboratory associated with the June 2007 sampling event are QC samples. These laboratory QC samples include laboratory control spikes, matrix spikes, method blanks, and duplicates. Table 3-4 presents a summary of the number and types of QC samples processed by the laboratory during the June 2007 sampling event.

Internal Performance Criteria

The laboratory performed a minimum of one Laboratory Control Sample (LCS), one method or reagent blank, and one duplicate sample analysis for each batch of samples analyzed. Batch sizes range from a minimum of one to a maximum of 20 groundwater samples. Matrix Spike (MS) samples are also analyzed when the analytical method involves chemical or physical separation and does not use an internal standard or carrier, and sufficient sample volume exists.

Internal acceptance criteria for LCS and MS samples are summarized as follows:

- Accuracy within QC acceptance limits of +/- 25% (see Table 3-5)
- Results within 2-σ (two-sigma) Total Propagated Uncertainty (TPU) of the observed value
- Accuracy within allowed uncertainty and activity levels based on the CRDL.

MS results are first corrected for ambient test nuclide activity. Samples with ambient activity greater than four (4) times the expected value of the spike are not required to fulfill MS acceptance criteria. The activity levels of target analytes in LCS and MS samples are greater than 10 times but less than 100 times the a priori lower limit of detection. Acceptance criteria for LCS and MS samples are 75% to 125%. Additionally, all QC and sample results must have chemical recoveries or chemical yields within the range of 15% to 125%.

Internal Performance Results for Accuracy

The percentages of acceptable results are summarized as a function of analysis method in Table 3-6. Overall, 100% of the laboratory performance data for LCS and MS samples were acceptable according to performance criteria.

3.2.3 Representativeness

To ensure the samples collected during the June 2007 sample event were representative of groundwater conditions at the HNP, equipment, field, and laboratory blanks were assessed. In some instances, positive biases on the order of the Method Detection Limit (MDL) have been identified for boron. This level of false positive noise is a small fraction of boron action levels, and, therefore, not a concern. With one exception, the results were found to be representative of groundwater conditions at HNP. The Cs-137 results originally reported by the Laboratory for well MW-137 (0 +/- 5.11 pCi/L) were not consistent with the historical trend for that well. An "Uncertain Identification" qualifier was associated with the results. A reanalysis was requested which resulted in a measured sample concentration of 23.9 +/- 3.02 pCi/L and an associated laboratory duplicate concentration of 24.2 +/- 4.38 pCi/L. The original result was rejected as non-representative.

Equipment and Field Blank Results

Equipment blanks were collected from the wells in which non-dedicated equipment (i.e. Westbay multiport monitoring wells) was used to collect samples. In addition, a field blank was prepared using de-ionized water. A total of four (4) equipment blanks and one (1) field blank were collected and analyzed during the June 2007 sampling event. There are 70 radiochemical analytical results and five (5) inorganic constituent results for the equipment and field blank samples. One (1) radiochemical analytical result, or 1.4%, indicated detectable activity at a concentration greater than the 2-sigma random uncertainty. One would expect a "false positive" rate of 2.5% based on the area under the standard normal distribution around a limiting mean concentration of zero, at the 95% confidence level. The Eu-154 concentration for the equipment blank from well MW-118A was detected above the 2-sigma random uncertainty but below the sample-specific MDC.

Two of the analytical results for the inorganic constituents were greater than the MDL. Boron concentrations at wells MW-118A and MW-119 were detected above the MDL but below the Practical Quantitation Limit of 15 ug/l. These results were qualified as estimated. The field and equipment blank results are summarized in Table 3-7.

Laboratory Analytical Blank Results

Laboratory blanks were initiated and analyzed at the laboratory. Method or reagent blank results are evaluated or compared to the CRDL and the lowest sample activity in a batch. Acceptable method blanks are those results that are less than the CRDL or less than 5% of the lowest sample activity in the batch. Method blank results that do not meet the acceptance criteria are critically examined according to laboratory procedures and documented through the laboratory Nonconformance Reporting System. Method blank failures are also documented in the case narrative of the analytical report. Method blank activity levels are not subtracted from sample activity levels.

A total of 73 laboratory QC blanks (68 radiochemical and five inorganic) were processed and analyzed during the June 2007 sampling event. All of the laboratory QC blanks met the laboratory acceptance criteria as described above. Two (2) radiochemical analytical results, or 2.94%, indicated detectable activity at a concentration greater than the 2-sigma random uncertainty (Table 3-7). One would expect a "false positive" rate of 2.5% based on the area under the standard normal distribution around a limiting mean concentration of zero, at the 95% confidence level. None of the five inorganic constituent analytical results indicated detectable activity at concentrations greater than the method MDL (Table 3-7).

3.2.4 Completeness

All of the planned wells were sampled, and all of the requested analyses were performed. The H-3 analyses for wells MW-107D and MW-139 were originally performed using preserved sample aliquots; after neutralization, however unpreserved aliquots were subsequently provided to and analyzed by the laboratory. Completeness for this round was 100%.

3.2.5 Comparability

The samples were all collected and analyzed by the same methods previously used for sampling and analyses of groundwater at the HNP. The results, therefore, are comparable to previous results.

4.0 Observations of Associated Parameters

During the sampling event, specific field parameter measurements (e.g., water level in monitoring wells, groundwater pH, specific conductance, temperature, dissolved oxygen content, and reduction-oxidation potential) were collected. Additionally, precipitation is recorded on-site using a rain gauge. These measurements are presented in the following subsections.

4.1 Water Level Measurement Summary

Depth to water was measured in each monitoring well. Depth-to-water measurements were collected from all conventional wells on a single day (June 15, 2007). Water levels from the multi-level bedrock wells were collected in conjunction with sample collection at a later date. Some of the existing monitoring wells underwent surface completion changes from flush mount to a standard aboveground completion, which includes extending the PVC riser pipe, adding protective casing and protective bollards. This well conversion has been on-going in preparation for final site grading. At the time of this report, civil survey of the new measuring point elevations had not been completed. Estimated top-of-casing elevations based on field casing measurements of the modified wellheads were available for most of the modified wells. The depth-to-water measurements were then used to calculate the groundwater elevation in each well. The water level data are summarized in Table 4-1. Inferred groundwater elevation contours for the unconfined and confined aquifer units are illustrated in Figures 4-1 and 4-2, respectively. Only water elevations from the conventional wells are included in the contouring assessment.

The river stage elevation of the adjacent Connecticut River was derived from previously established correlation with the United States Geological Survey (USGS, 2007) monitoring station at Middletown, Connecticut. The on-site river level recording pressure transducer at HNP was destroyed by ice during late 2006. The Connecticut River is understood to form a discharge boundary for all groundwater beneath HNP.

Water level contours were generated using commercial contouring software (Surfer™) and are truncated in areas where no water level measurements are available to support contours. In Figure 4-1 (unconfined aquifer), outlines of the remaining subsurface structures are projected over the contours to indicate areas where those structures potentially interfere with shallow groundwater flow and may form barriers to flow in that unit. The contours presented in Figure 4-1 are based on measured groundwater elevations in monitoring wells and do not include the obstructions to flow. Actual groundwater flow in the unconfined unit is inferred to be diverted around the obstructions where they intersect flow paths (Figure 4-1). In general, groundwater in the unconfined aquifer flows to the south and southeast towards the Connecticut River

Water level contours for the confined aquifer unit (Figure 4-2) are inferred, and groundwater movement through that unit is understood to result primarily from fracture

flow. The inferred contours presented for the confined unit are not intended to imply uniform distribution of water through the fractured rock. The potentiometric heads indicated by water level measurements in wells completed in this unit, however, do indicate general gradient across the site, and relative head difference between individual well locations indicates potential flow directions within the rock formation. In general, groundwater in the confined aquifer flows to the south and southeast towards the Connecticut River (Figure 4-2).

4.2 Precipitation Summary

The precipitation summary for the period of April 1, 2007, through June 15, 2007, is presented in Figure 4-3. Precipitation data are generated from web-based data for the recording station at Moodus, Connecticut, about two miles away from HNP (WeatherUnderground, 2007). Previous evaluation of the Moodus rainfall data indicates comparable conditions to HNP, and the remote data from Moodus will continue to be available following departure of personnel from HNP.

The total precipitation for the time period from April 1, 2007, through June 15, 2007, was 12.12 inches, with five rain events in excess of 1 inch (Figure 4-3).

4.3 Basic Water Quality Parameters

Basic water quality parameters (i.e., turbidity, dissolved oxygen, reduction/oxidation potential, pH, specific conductance, and temperature) were measured using portable field instruments during the sampling event and recorded in the field. The measurements were taken to support the low-flow groundwater sampling techniques included in the Groundwater Monitoring Plan to support the HNP License Termination Plan (CYAPCO, 2007). These measurements are presented in Table 4-2. The water quality parameter results are discussed below:

Turbidity measurements ranged from 0.8 to 162 Nephelometric Turbidity Units (NTUs). The maximum turbidity value for the June sampling event was from well AT-1. The higher turbidity measurements are consistent with the presence of visible suspended solids in some wells. In some instances, fine material (i.e. clay and silt) within the aquifer formation could not be completely removed during well development to below the turbidity target of 5 NTU. This condition does not impact the results of analyses for SOCs, but may account for some of the observed variability in results of field duplicate samples.

Dissolved oxygen (DO) measurements ranged from 0 to 20.7 mg/L. Redox potential (Eh) measurements ranged from -300 to +190 mV (from reducing to oxidizing). Consistent with previous groundwater sampling events, DO and Eh measurements were not well correlated in the June sampling event. Eh and pH values are consistent with the expected range for natural groundwater (Hem, 1985). Some DO measurements exceeded DO saturation values for surface water and were rejected (Hem, 1985). However, the parameters are considered sufficient to indicate stability in field parameters during well purging prior to low-flow sample collection.

Measurements of pH in the June 2007 sampling event ranged from 3.9 to 9.69 standard units. The maximum pH measurement of 9.69 standard units was observed at well MW-121A-5 (the shallowest zone). The pH in well MW-119-6 (the shallowest zone) was also slightly elevated in June, exhibiting a pH of 9.39. Both of these wells also exhibited the highest pH in the December 2006 sampling event. The cause of elevated pH in these locations is not apparent but may result from natural geochemistry of the rock formation or more likely from alkaline effects of concrete construction materials. Wells exhibiting pH above 8.0 are likely impacted by the alkaline effects of concrete in the formation near the large concrete plant structures. The pH from these wells is consistent with previous measurements.

Specific conductance ranged from 0.03 to 4.3 mS/cm, which is consistent with the range of previous measurements and fall within expected values for this site.

Temperatures ranged from 10.4 to 21.8°C. The temperatures are consistent with the range of previous measurements and the expectations for seasonal variations.

4.4 Water Quality Parameters Data Quality Assessment Summary

A summary of the DQA of the basic water quality parameter measurements collected during the June 2007 sampling event is described in the following subsections.

4.4.1 Precision

Most field measurements were recorded as multiple measurements using a flow-through measurement cell during well purging indicating that the precision of the water quality parameter measurements was generally acceptable. Samples from the multi-level deep bedrock wells are not measured using the flow-through cell due to the configuration of the wells preventing use of that device. Field measurements from the multi-level wells are performed using conventional techniques (i.e., collecting a grab sample in a container and inserting the measurement sensors). No deficiencies were observed that would disqualify the measurements based on inspection of the field data records.

4.4.2 Accuracy

The field measurement data were collected using instruments generally calibrated regularly in accordance with applicable procedures and manufacturers' instructions. Calibration records indicate that the instruments were measuring accurately; however, the DO probe was out of calibration for some wells, as indicated on Table 4-2. Some wells, exhibited DO measurements that were outside the expected range for natural water (Hem, 1985). Wells that exhibited DO in excess of theoretical maximum value in natural water (i.e., greater than the solubility limit), or exhibited DO values of greater than 5 mg/L with corresponding negative Eh values were rejected as not accurate.

The field parameter testing is used to support the low-flow sampling approach to indicate the well(s) has reached a stable configuration and the water in the monitoring well is

coming from the formation. Three consecutive readings within a one percent variance indicate a groundwater steady state has been achieved and that the monitoring well is ready for sampling. Other water quality parameter measurements (i.e., specific conductance, pH, and Eh) appear to be accurate. Since the primary objective of the field measurements (i.e., determination that the low-flow criteria were met prior to sample collection) is achieved, rejection of DO and temperature measurements does not affect the data quality or usefulness of the subsequent analysis of samples collected from the well.

4.4.3 Representativeness

The field measurements were collected using the low-flow sampling technique defined in the CYAPCO groundwater sample collection procedure (based on the U.S. Environmental Protection Agency's low stress/low flow sampling guidance). The extracted groundwater was pumped to a flow-through measurement cell in which field measurements were collected. This system is capable of producing representative groundwater samples, and no conditions were identified that would disqualify the measurements as non-representative based on inspection of the field records.

4.4.4 Completeness

Eh values were not reported at nine wells as indicated in Table 4-2 due to instrumentation problems. Although field data were not collected at all locations, the overall data set is adequate to verify that sufficient stabilization had taken place and the subsequent groundwater samples are representative of groundwater formation conditions. The field parameter testing is generally used to indicate the well(s) has reached a stable configuration and the water in the monitoring well is coming from the formation.

4.4.5 Comparability

The field parameter measurements were collected using the same or similar instruments and sampling systems used in previous sampling events; therefore, the data are comparable to previous data sets.

5.0 Summary of Measurements and Observations

The June 2007 groundwater sampling was the seventh quarterly sample event for the planned 18-month groundwater monitoring period prior to license termination at HNP. All wells were sampled at least five (5) days after cessation of well development, and all samples are deemed representative. The data were found to be of usable quality following the preliminary DQA performed during preparation of this report; minor exceptions are noted in the preceding sections.

The June 2007 groundwater sampling results indicate plant-related contaminants in groundwater at low concentrations, substantially below the corresponding DCGLs. Consistent with the HNP conceptual site model and groundwater flow direction, the general configuration of contaminant plumes extend from the area immediately upgradient of the former reactor containment building to the Connecticut River (CH2M HILL, 2005). H-3 and Sr-90 concentrations were variable and exceeded the 4 mrem/yr MCL for beta/photon emitters at only one location, MW-125. Also at MW-125, the single-nuclide 4 mrem/yr equivalent beta-photon MCL was exceeded for Sr-90. Cs-137 was detected in one groundwater sample (MW-137) of the groundwater samples collected in June. These concentrations are consistent with transient effects from actions performed in conjunction with decontamination and dismantlement activities at HNP in fall 2006, particularly activities proximal to the former spent fuel building. With the cessation of dewatering and mat sump operation at the time of source remediation activities at the spent fuel building, it is believed a relatively discrete pulse of contaminated groundwater was created that is currently passing through the HNP site. Isolated peaks of H-3 and Sr-90 have been measured in several monitoring wells located downgradient of MW-137. Impact to downgradient wells is anticipated to be moderated by dilution and dispersion associated to advective groundwater flow and, for Sr-90, partial attenuation on aquifer sediments. Concentration trends will be discussed in detail in the groundwater compliance summary report.

6.0 Recommendations for Subsequent Sampling Events

June 2007 is the final sampling event in the 18-month groundwater monitoring period prior to planned license termination. The results of all field sampling events during this period will be summarized and reported in the groundwater compliance summary report.

7.0 References

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Tables

Table 2-1. Analyses Requested for June 2007 Sample Event at HNP

Well ID	Laboratory Analyses Requested (1)	Field Analyses Performed (2)
AT-1	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-AST-5(3)	MIX(4)	SWL, turbidity, pH, SC, T, DO, Eh
MW-100D	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-100S	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-101D	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-101S	MIX	SWL, turbidity, pH, SC, T, DO
MW-102D	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-102S	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-103A	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-103B	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MWR-103D	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MWR-103S	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MWR-105D	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MWR-105S	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MWR-106D	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-106S	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-107D	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-107S	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-108	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-109D	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-109S	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-110D	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-110S	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-112	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-113	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-117	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-118A-3	MIX	Piezometric Head, turbidity, pH, SC, T, DO, Eh

Table 2-1. Analyses Requested for 2006 June 2007 Sample Event at HNP. (continued)

Well ID	Laboratory Analyses Requested (1)	Field Analyses Performed (2)
MW-118A-4	MIX	Piezometric Head, turbidity, pH, SC, T, DO, Eh
MW-118A-5	MIX	Piezometric Head, turbidity, pH, SC, T, DO, Eh
MW-119-2	MIX	Piezometric Head, turbidity, pH, SC, T, DO, Eh
MW-119-4	MIX	Piezometric Head, turbidity, pH, SC, T, DO, Eh
MW-119-5	MIX	Piezometric Head, turbidity, pH, SC, T, DO, Eh
MW-119-6	MIX	Piezometric Head, turbidity, pH, SC, T, DO, Eh
MW-120-1	MIX	Piezometric Head, turbidity, pH, SC, T, DO, Eh
MW-120-2	MIX	Piezometric Head, turbidity, pH, SC, T, DO, Eh
MW-120-3	MIX	Piezometric Head, turbidity, pH, SC, T, DO, Eh
MW-120-4	MIX	Piezometric Head, turbidity, pH, SC, T, DO, Eh
MW-120-5	MIX	Piezometric Head, turbidity, pH, SC, T, DO, Eh
MW-121A-2	MIX	Piezometric Head, turbidity, pH, SC, T, DO, Eh
MW-121A-3	MIX	Piezometric Head, turbidity, pH, SC, T, DO, Eh
MW-121A-4	MIX	Piezometric Head, turbidity, pH, SC, T, DO, Eh
MW-121A-5	MIX	Piezometric Head, turbidity, pH, SC, T, DO, Eh
MWR-122D	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-122S	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-123	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-124	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-125	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-130	MIX	SWL, turbidity, pH, SC, T, DO, Eh

Table 2-1. Analyses Requested for 2006 June 2007 Sample Event at HNP. (continued)

Well ID	Laboratory Analyses Requested (1)	Field Analyses Performed (2)
MW-131D	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-131S	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-132D	MIX	SWL, turbidity, pH, SC, T, DO
MW-132S	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-133	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-134	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-135	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-136D	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-136S	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-137	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-138	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-139(3)	MIX(4)	SWL, turbidity, pH, SC, T, DO, Eh
MW-140(3)	MIX(4)	SWL, turbidity, pH, SC, T, DO, Eh
MW-508D	MIX	SWL, turbidity, pH, SC, T, DO, Eh
MW-508S	MIX	SWL, turbidity, pH, SC, T, DO, Eh

Notes:

(1) Refer to Attachment 1 (Required Radiochemical/Boron Analysis Key for CYAPCO Groundwater Samples) for a description of the analytical codes.

(2) Field Analyses are collected prior to sampling each well to indicate the well has reached a stable configuration and the water in the bore is coming from the formation as required by the low-flow sampling technique. SWL = Static Water Level; SC = Specific Conductance; T = Temperature; DO = Dissolved Oxygen; Eh = REDOX Potential.

(3) Monitoring well not required to be sampled as part of the Groundwater Monitoring Plan to Support HNP License Termination Plan (CYAPCO, 2007).

(4) Laboratory analyses not required as part of the Groundwater Monitoring Plan to Support HNP License Termination Plan (CYAPCO, 2007).

Table 3-1. Selected Substances of Concern (Tritium, Strontium-90, and Cesium-137) Detected in HNP Groundwater during June 2007 Sampling Event.

Well ID	Analyte (units)	June 2007 Concentration	June 2007 Exceeds DCGL?	June 2007 Exceeds MCL*?	March 2007 Concentration	Change from Previous Sampling Event
AST-5[1]	H-3 (pCi/L)	552	No	No	883	Decrease
AT1	H-3 (pCi/L)	<321	No	No	<357	Stable
MW-102D	H-3 (pCi/L)	1360	No	No	1640	Stable
MW-103A	H-3 (pCi/L)	1180	No	No	314	Increase
	Sr-90 (pCi/L)	<1.54	No	No	<1.19	Stable
MW-103B	H-3 (pCi/L)	1410	No	No	1960	Decrease
MW-106S	H-3 (pCi/L)	809	No	No	1800	Decrease
	Sr-90 (pCi/L)	3.23	No	No	4.77	Decrease
MW-107D Reanalysis	H-3 (pCi/L)	2110	No	No	2380	Stable
MW-107S	H-3 (pCi/L)	597	No	No	767	Stable
MW-108	H-3 (pCi/L)	<323	No	No	<334	Stable
MW-109D	H-3 (pCi/L)	1760	No	No	1790	Stable
MW-109S	H-3 (pCi/L)	1420	No	No	798	Increase
	Sr-90 (pCi/L)	<1.37	No	No	1.31	Decrease
MW-110D	H-3 (pCi/L)	4910	No	No	4440	Stable
MW-110S	H-3 (pCi/L)	920	No	No	959	Stable
MW-118A-3	H-3 (pCi/L)	3350	No	No	3640	Stable
	Sr-90 (pCi/L)	<1.57	No	No	0.99	Decrease
	Sr-90 (pCi/L)	<1.63	No	No	0.99	Decrease
MW-118A-4	H-3 (pCi/L)	2780	No	No	2810	Stable
MW-118A-5	H-3 (pCi/L)	2780	No	No	3500	Decrease
	Sr-90 (pCi/L)	2.94	No	No	3.36	Stable
MW-119-2	H-3 (pCi/L)	1050	No	No	1500	Decrease
MW-119-4	H-3 (pCi/L)	732	No	No	809	Stable
MW-119-5	H-3 (pCi/L)	10900	No	No	10100	Stable
MW-119-6	H-3 (pCi/L)	14000	No	No	15000	Stable
MW-120-1	H-3 (pCi/L)	<267	No	No	<382	Stable
MW-120-3	H-3 (pCi/L)	<323	No	No	<380	Stable
MW-120-4	H-3 (pCi/L)	1740	No	No	2570	Decrease
MW-120-5	H-3 (pCi/L)	1120	No	No	1290	Stable
MW-121A-2	H-3 (pCi/L)	334	No	No	<331	Increase
MW-121A-3	H-3 (pCi/L)	518	No	No	814	Decrease
MW-121A-4	H-3 (pCi/L)	5170	No	No	6,000	Stable
MW121A-5	H-3 (pCi/L)	839	No	No	844	Stable
MW-124	H-3 (pCi/L)	615	No	No	620	Stable
	Sr-90 (pCi/L)	2.18	No	No	4.93	Decrease
MW-125**	H-3 (pCi/L)	3270	No	No	13,800	Decrease

Table 3-1. Selected Substances of Concern (Tritium, Strontium-90, and Cesium-137) Detected in HNP Groundwater during June 2007 Sampling Event. (continued)

Well ID	Analyte (units)	June 2007 Concentration	June 2007 Exceeds DCGL?	June 2007 Exceeds MCL*?	March 2007 Concentration	Change from Previous Sampling Event
	Sr-90 (pCi/L)	9.52	No	Yes	13.1	Decrease
MW-130	H-3 (pCi/L)	677	No	No	<365	Increase
	Sr-90 (pCi/L)	1.64	No	No	<0.75	Increase
MW-131D	H-3 (pCi/L)	438	No	No	433	Stable
	Sr-90 (pCi/L)	1.44	No	No	<1.92	Increase
MW-131S	H-3 (pCi/L)	430	No	No	484	Stable
	Sr-90 (pCi/L)	1.73	No	No	2.18	Stable
MW-132S	H-3 (pCi/L)	<317	No	No	<368	Stable
MW-133	H-3 (pCi/L)	533	No	No	486	Stable
	Sr-90 (pCi/L)	<1.46	No	No	1.5	Decrease
MW-134	H-3 (pCi/L)	1120	No	No	1,040	Stable
	Sr-90 (pCi/L)	<0.985	No	No	<1.18	Stable
MW-136D	H-3 (pCi/L)	535	No	No	590	Stable
	Sr-90 (pCi/L)	<1.62	No	No	2.81	Decrease
MW-136S	H-3 (pCi/L)	667	No	No	359	Increase
MW-137	H-3 (pCi/L)	3920	No	No	2,380	Increase
	Sr-90 (pCi/L)	4.41	No	No	6.01	Decrease
	Cs-137 (pCi/L)	23.9	No	No	29.8	Stable
MW-139 Reanalysis	H-3 (pCi/L)	<287	No	No	<359	Stable
MW-139[1]	Sr-90 (pCi/L)	<1.96	No	No	<1.87	Stable
MW-140[1]	H-3 (pCi/L)	412	No	No	<367	Increase
	Sr-90 (pCi/L)	<1.32	No	No	<1.14	Stable
	Cs-137 (pCi/L)	<6.02	No	No	<7.97	Stable
MWR-103D	H-3 (pCi/L)	434	No	No	443	Stable
	Sr-90 (pCi/L)	<1.14	No	No	<1.22	Stable
	Cs-137 (pCi/L)	<7.28	No	No	<11.4	Stable
MWR-103S	H-3 (pCi/L)	1250	No	No	<265	Increase
	Sr-90 (pCi/L)	<1.88	No	No	<1.23	Stable
	Cs-137 (pCi/L)	<5.91	No	No	<3.13	Stable
MWR-105D	H-3 (pCi/L)	1340	No	No	1,900	Decrease
MWR-105S	H-3 (pCi/L)	999	No	No	476	Increase
	Sr-90 (pCi/L)	<0.912	No	No	<1.56	Stable
MWR-106D	H-3 (pCi/L)	1050	No	No	776	Increase
	Sr-90 (pCi/L)	<1.3	No	No	<1.53	Stable
MW-R122D	H-3 (pCi/L)	516	No	No	<321	Increase
MW-R122S	H-3 (pCi/L)	3040	No	No	1110	Increase

Table 3-1. Selected Substances of Concern (Tritium, Strontium-90, and Cesium-137) Detected in HNP Groundwater during June 2007 Sampling Event. (continued)

Well ID	Analyte (units)	June 2007 Concentration	June 2007 Exceeds DCGL?	June 2007 Exceeds MCL*?	March 2007 Concentration	Change from Previous Sampling Event

Notes:

"<" = Less than the associated minimum detectable concentration (MDC) value.

*MCL = single-nuclide maximum contaminant level equivalent concentration for beta/photon emitters.

**Well exceeds cumulative MCL fraction.

[1] Monitoring well not required to be sampled as part of the Groundwater Monitoring Plan to Support HNP License Termination Plan (CYAPCO, 2007).

NA = Not Applicable

Select substances of concern were not detected in June and not reported in March from the following wells:

MW-100D	MW-117
MW-100S	MW-120-2
MW-101D	MW-132D
MW-101S	MW-135
MW-102S	MW-138
MW-112	MW-508D
MW-113	MW-508S

Table 3-2. Field Duplicate Results for June 2007

Sample ID	Analyte (Units)	Sample Concentration ± 2-σ Uncert.	Duplicate Concentration ± 2-σ Uncert.	RPD	AZS
MWR-106D	Gross Alpha (pCi/l)	27+/-5.4	27+/-5.52	0.0%	0.00
MW-118A-3	Gross Alpha (pCi/l)	113+/-9.14	141+/-10.4	22.0%	4.04
MWR-106D	Gross Beta (pCi/l)	15.3+/-3.23	16.3+/-3.33	6.3%	0.43
MW-118A-3	Gross Beta (pCi/l)	24.6+/-3.55	22.6+/-3.49	8.5%	0.80
MWR-106D	H-3 (pCi/l)	1050+/-229	1100+/-231	4.7%	0.31
MW-118A-3	H-3 (pCi/l)	3350+/-317	3470+/-320	3.5%	0.53
MWR-106D	Boron (ug/l)	66.4	65.3	1.7%	N/A
MW-118A-3	Boron (ug/l)	234	209	11.3%	N/A

Note: No gamma emitters or Sr-90 were detected in these samples at levels greater than five times the one-σ standard deviation.

Table 3-3. Laboratory Replicate Results for June 2007

Sample ID	Analyte	Sample Concentration ± 2-σ Uncert.	Replicate Concentration ± 2-σ Uncert.	RPD	AZS
MWR-106D Duplicate	Gross Alpha (pCi/l)	27 +/- 5.52	20.9 +/- 4.3	25.5%	1.74
MWR-106D Duplicate	Gross Beta (pCi/l)	16.3 +/- 3.33	12.2 +/- 2.92	28.8%	1.85
MW-135	Gross Beta (pCi/l)	10.7 +/- 3.15	8.11 +/- 2.28	27.5%	1.33
MW-107D Reanalysis	H-3 (pCi/l)	2110 +/- 261	1860 +/- 255	12.6%	1.37
MW-107S	H-3 (pCi/l)	597 +/- 218	686 +/- 225	13.9%	0.57
MW-124	H-3 (pCi/l)	615 +/- 209	679 +/- 210	9.9%	0.43
MW-117	Boron (ug/l)	53	54.8	3.3%	N/A
MWR-122S	Boron (ug/l)	165	167	1.2%	N/A
MW-139	Boron (ug/l)	41.7	46.3	10.5%	N/A

Note: No gamma emitters or Sr-90 were detected in these samples at levels greater than five times the one-σ standard deviation.

Table 3-4. QC Summary for June 2007 Sample Event

Sample Type	Analyte Tests	Percent of Total Analyte Tests
Samples	1099	76%
QC Blanks	81	5.7%
QC Laboratory Controls	91	6.4%
QC Matrix Spikes	81	5.7%
QC Duplicates	80	5.6%
Sample/QC Totals	1432	100%

Table 3-5. Laboratory QC Acceptance Limits

QC Category	GEL Acceptance Limits (%)
Duplicates	± 20% or AZS < 3
Blank Spikes, Matrix Spikes	± 25%
Method Blanks	< CRDL

Table 3-6. Internal Performance Data Summary (LCS, MS)

Method	Acceptable /Total Results	Acceptable Fraction
Boron	10/10	100%
Total U.	0/0	not applicable
γ-isotopic	30/30	100%
α-isotopic	0/0	not applicable
LSC	16/16	100%
GPC	40/40	100%
All Totals	96/96	100%

Table 3-7. Blank Performance Data Summary for June 2007

Type of QC Blank (pCi/L)	Analyte	Net Conc.	2-σ Uncert.	MDC/ MDL	Notes
QC Blank (MW-118A)	Eu-154 (pCi/l)	5.06	4.88	9.29	Conc. > 2-σ
QC Blank (MW-118A)	Boron (ug/l)	6.08	-	4	Conc. > MDL
QC Blank (MW-119)	Boron (ug/l)	6.14	-	4	Conc. > MDL
QC Blank (laboratory)	Co-60 (pCi/l)	2.03	1.77	3.04	Conc. > 2-σ
QC Blank (laboratory)	Co-60 (pCi/l)	2.03	1.45	3.13	Conc. > 2-σ

Table 4-1. Synoptic Groundwater Elevation Measurements in HNP Monitoring Wells (June 15, 2007)

Well ID	DTW*	Casing Elevation (ft AMSL)	Groundwater Elevation (ft MSL)
CT River	-NA-	-NA-	0.19
Unconfined Aquifer			
AST-5(1)	11.44	**	**
AT-1	19.73	22.06	2.33
MW-100S	4.36	20**	15.64**
MW-101S	9.10	22.87	13.77
MW-102S	16.46	26**	9.54**
MWR-105S	12.80	22.9**	10.10**
MW-106S	14.40	22.2**	7.80**
MW-107S	16.65	19.47	2.82
MW-108	7.60	11.52	3.92
MW-109S	20.40	22.62	2.22
MW-110S	20.19	21.55	1.36
MW-112	12.71	13.95	1.24
MW-113	11.47	12.82	1.35
MW-117	10.79	14.83	4.04
MW-122S	12.38	**	**
MW-124	20.21	23.15	2.94
MW-125	17.74	22.72	4.98
MW-130	13.83	22.51	8.68
MW-131D	13.22	20.13	6.91
MW-131S	12.98	20.25	7.27
MW-132D	14.05	24.3**	10.25**
MW-132S	13.65	25.2**	11.55**
MW-134	14.36	22.73	8.37
MW-135	14.44	21.42	6.98
MW-136D	14.32	24**	9.68**
MW-136S	12.15	22.5**	10.35**
MW-138	7.99	15.29	7.30

Table 4-1. Synoptic Groundwater Elevation Measurements in HNP Monitoring Wells (June 15, 2007). (continued)

Well ID	DTW*	Casing Elevation (ft AMSL)	Groundwater Elevation (ft MSL)
Confined Aquifer			
MW-100D	4.69	20**	15.31**
MW-101D	12.30	22.82	10.52
MW-102D	16.94	26**	9.06**
MW-103A	14.41	24**	9.59**
MW-103B	17.14	24.5**	7.36**
MWR-103D	17.56	26**	8.44**
MWR-103S	16.91	26**	9.09**
MWR-105D	12.69	22.3**	9.61**
MWR-106D	13.92	21.55	7.63
MW-107D	15.94	19.6**	3.66**
MW-109D	19.11	22.58	3.47
MW-110D	19.51	21.91	2.40
MWR-122D	18.10	20.8**	2.70**
MW-123	15.74	21.95	6.21
MW-133	17.75	22.83	5.08
MW-137	18.11	26**	7.89**
MW-139(1)	14.23	24**	9.77**
MW-140(1)	13.51	22.7**	9.19**
MW-508D	16.57	20**	3.43**
Perched Aquifer			
MW-508S	10.32	20**	9.68**

* - All measurements taken from top of PVC
** - Wellhead has been re-configured and casing elevation survey is not yet complete. The associated casing elevation value and calculated groundwater elevation are estimated.
(1) Monitoring well not required to be sampled as part of the Groundwater Monitoring Plan to Support HNP License Termination Plan (CYAPCO, 2007).
All water level measurements conducted on June 15, 2007

Table 4-2. Water Quality Parameters Measured in HNP Monitoring Wells June 2007.

Well ID	Turbidity (NTU)	DO (mg/L)	Eh (mV)	pH (units)	Specific Conductance (mS/cm)	Temperature (°C)
AT-1	162	<0.1	51	5.7	0.425	15.2
MW-AST-5[1]	2.68	<0.1	NR	6.48	0.561	14.8
MW-100D	4.45	<0.1	-9	6.13	0.056	13.7
MW-100S	3.3	0.51	NR	5.44	0.031	14.7
MW-101D	1.41	5.81	94	7.97	0.136	13.8
MW-101S	1.83	7.06	NR	7.23	0.089	14.2
MW-102D	3.52	3.93	125	6.9	0.281	12.6
MW-102S	3.1	5.11	90	6.77	0.195	16.4
MW-103A	10.1	3.17	163	6.73	0.385	13.6
MW-103B	3.2	0.57	-1	7.53	0.357	18.1
MWR-103D	6.06	0.64	79	6.73	0.48	15.1
MWR-103S	0.97	1.71	-3	6.22 R	0.458	11.4
MWR-105D	9.4	<0.1	54	6.8	0.581	17.8
MWR-105S	9.7	<0.1	100	5.4	0.392	18.3
MWR-106D[2]	10.4	7.39	104	7.36	0.447	13.8
MW-106S	1.82	0.16	69	6.95	0.479	13.0
MW-107D	0.42	1.91	70	6.14	0.132	15.0
MW-107S	1.79	<0.1	NR	5.73	0.489	15.7
MW-108	5.77	<0.1	NR	5.9	0.093	13.3
MW-109D	6.1	4.69	68	7.2 R	0.365	16.0
MW-109S	8.2	3.81	36	6.2	0.96	15.4
MW-110D	0.39	<0.10	132	7.18	0.241	14.2
MW-110S	0.8	20.7 R	155	5.68	0.579	14.2
MW-112	0.26	3.68	190	5.27	0.044	11.2
MW-113	3.30	<0.1	159	5.59	0.147	12.7
MW-117	2.59	<0.1	-152	6.27	0.395	10.4
MW-118A-3	1.18	11.96 R	1.74	6.80	0.268	17.89
MW-118A-4	1.39	9.83 R	128	7.53	0.374	18.36
MW-118A-5	1.28	11.11 R	145	7.40	0.504	17.14
MW-119-2	2.55	10.12 R	-149	7.00	0.219	14.62
MW-119-4	7.08	9.59 R	-151	7.65	0.158	15.66
MW-119-5	3.86	9.04	22	7.24	0.413	15.87
MW-119-6	3.48	8.84	66	9.39	0.253	17.03
MW-120-1	2.19	12.08 R	92	6.78	0.327	15.71
MW-120-2	1.70	9.47 R	-158	7.54	0.231	15.15
MW-120-3	1.47	8.76 R	-23	7.64	0.177	15.84
MW-120-4	1.59	8.4 R	-116	7.50	0.372	16.27
MW-120-5	1.44	9.29	106	6.96	0.404	17.02

Table 4-2. Water Quality Parameters Measured in HNP Monitoring Wells June 2007. (continued)

Well ID	Turbidity (NTU)	DO (mg/L)	Eh (mV)	pH (units)	Specific Conductance (mS/cm)	Temperature (°C)
MW-121A-2	5.03	9.56 R	81	7.23	1.48	20.62
MW-121A-3	3.43	8.75	135	7.99	0.234	20.42
MW-121A-4	4.66	9.24 R	131	8.03	0.246	21.79
MW-121A-5	14.5	8.55	65	9.69	0.172	12.89
MWR-122D	4.54	<0.1	-300	8.9	0.085	17.7
MW-122S	9.11	<0.1	-115	6.46	1.55	14.1
MW-123	1.9	4.11	95	6.5	0.413	14.6
MW-124	1.1	<0.1	95	6.3	0.453	13.8
MW-125	3.2	<0.1	28	6.6	0.552	15.9
MW-130	12.4	0.16 (3)	102	5.13	0.353	14.1
MW-131D	10.2	<0.1	-37	5.80	0.441	14.6
MW-131S	13.1	<0.1	NR	5.87	0.471	13.7
MW-132D	6.42	7.36	NR	5.29	0.046	13.4
MW-132S	2.36	7.89	NR	6.95	0.112	11.0
MW-133	4.9	3.41 (3)	111	7.3	0.377	15.0
MW-134	2.8	<0.1	0.46	7.0	0.594	13.1
MW-135	9.08	0.09	3	6.24	0.726	13.7
MW-136D	17.9	<0.1	-96	6.03	1.09	11.3
MW-136S	26.4	1.45 (3)	41	5.83	0.553	12.9
MW-137	2.07	0.04	0.185	7.49	0.356	12.3
MW-138	2.84	5.57	NR	3.92	4.30	13.7
MW-139 (1)	1.93	<0.1	-178	6.95	0.449	12.7
MW-140 (1)	1.07	3.77 (3)	80	6.62	0.252	13.1
MW-508D	5.38	6.85 (3)	102	7.07	0.137	14.4
MW-508S	7.01	0.5 (3)	0.19	6.10	0.210	12.8

R= Value Rejected. Dissolved oxygen: values greater than theoretical maximum and values greater than 50% of theoretical maximum in the presence of negative Eh are rejected as not possible. pH: idential constant values recorded during entire purge cycle; indicates likely instrument malfunction or recording error.

NR = No value reported.

NS = Not Sampled.

(1) Monitoring well not required to be sampled as part of the Groundwater Monitoring Plan to Support HNP License Termination Plan (CYAPCO, 2007).

(2) Well sampled dry after one field parameter measurement reported herein.

(3) Probe out of calibration

Figures

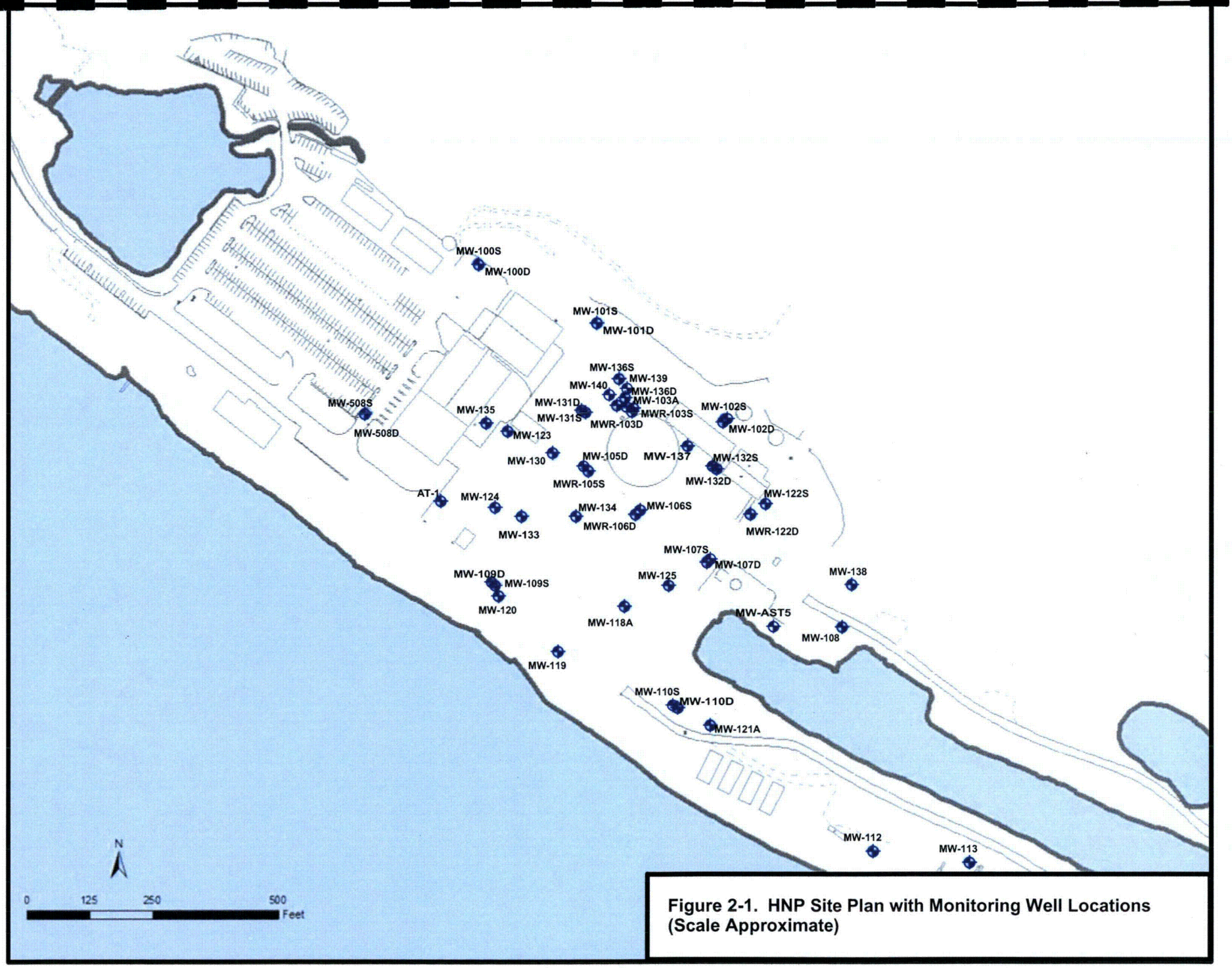

Figure 2-1. HNP Site Plan with Monitoring Well Locations (Scale Approximate)

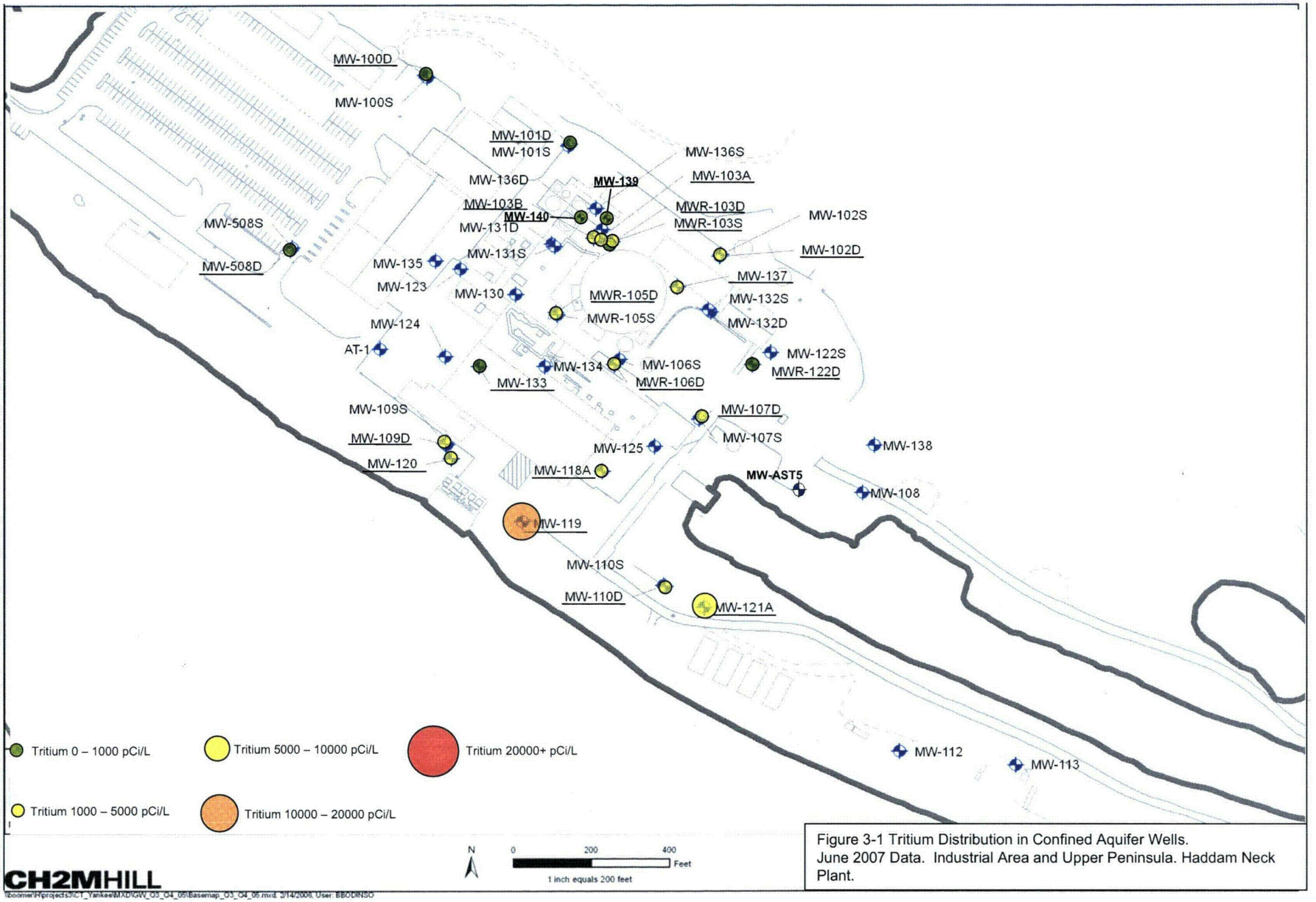

Figure 3-1 Tritium Distribution in Confined Aquifer Wells.
June 2007 Data. Industrial Area and Upper Peninsula. Haddam Neck Plant.

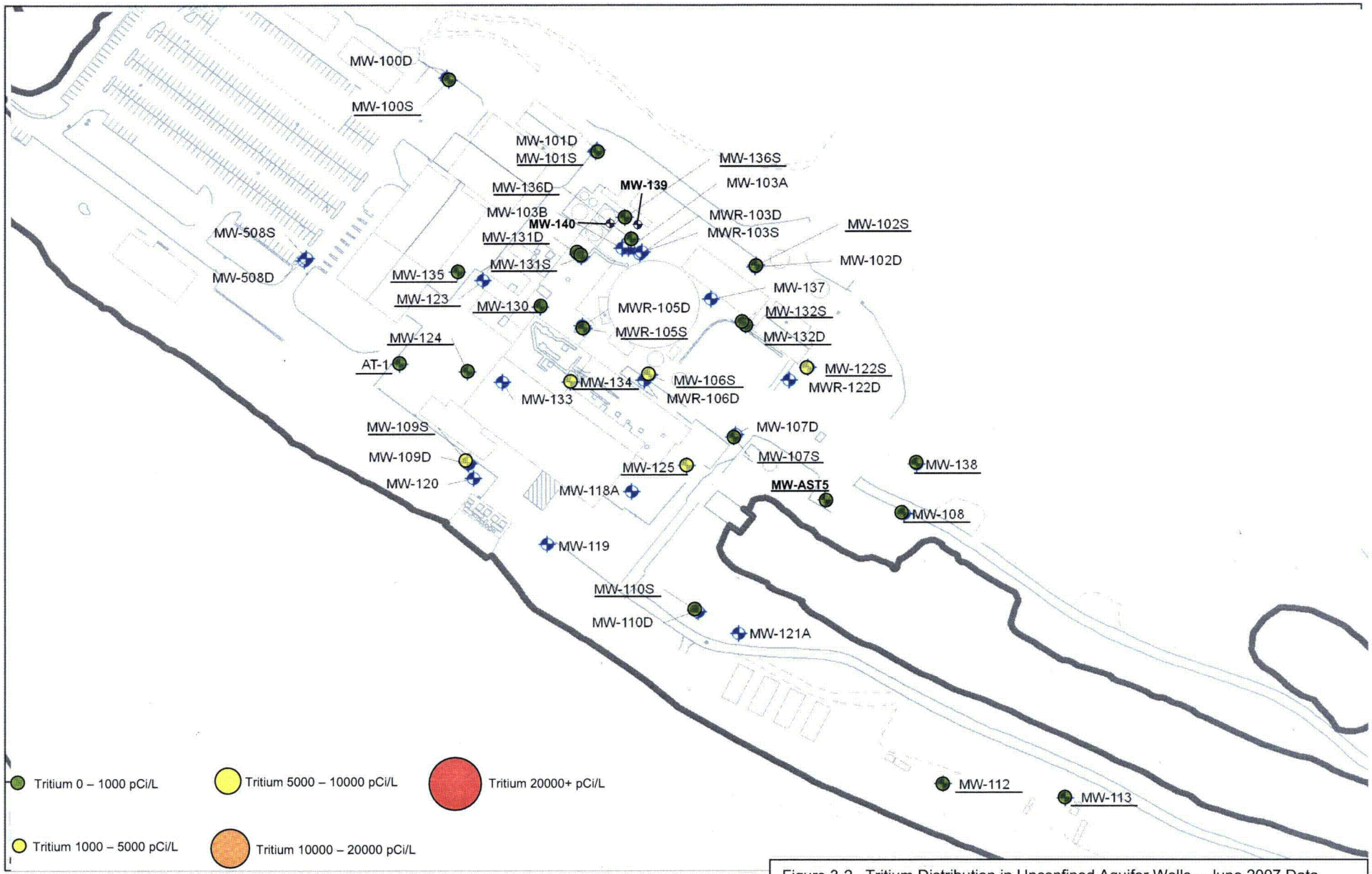

Figure 3-2. Tritium Distribution in Unconfined Aquifer Wells – June 2007 Data Industrial Area and Upper Peninsula. Haddam Neck Plant

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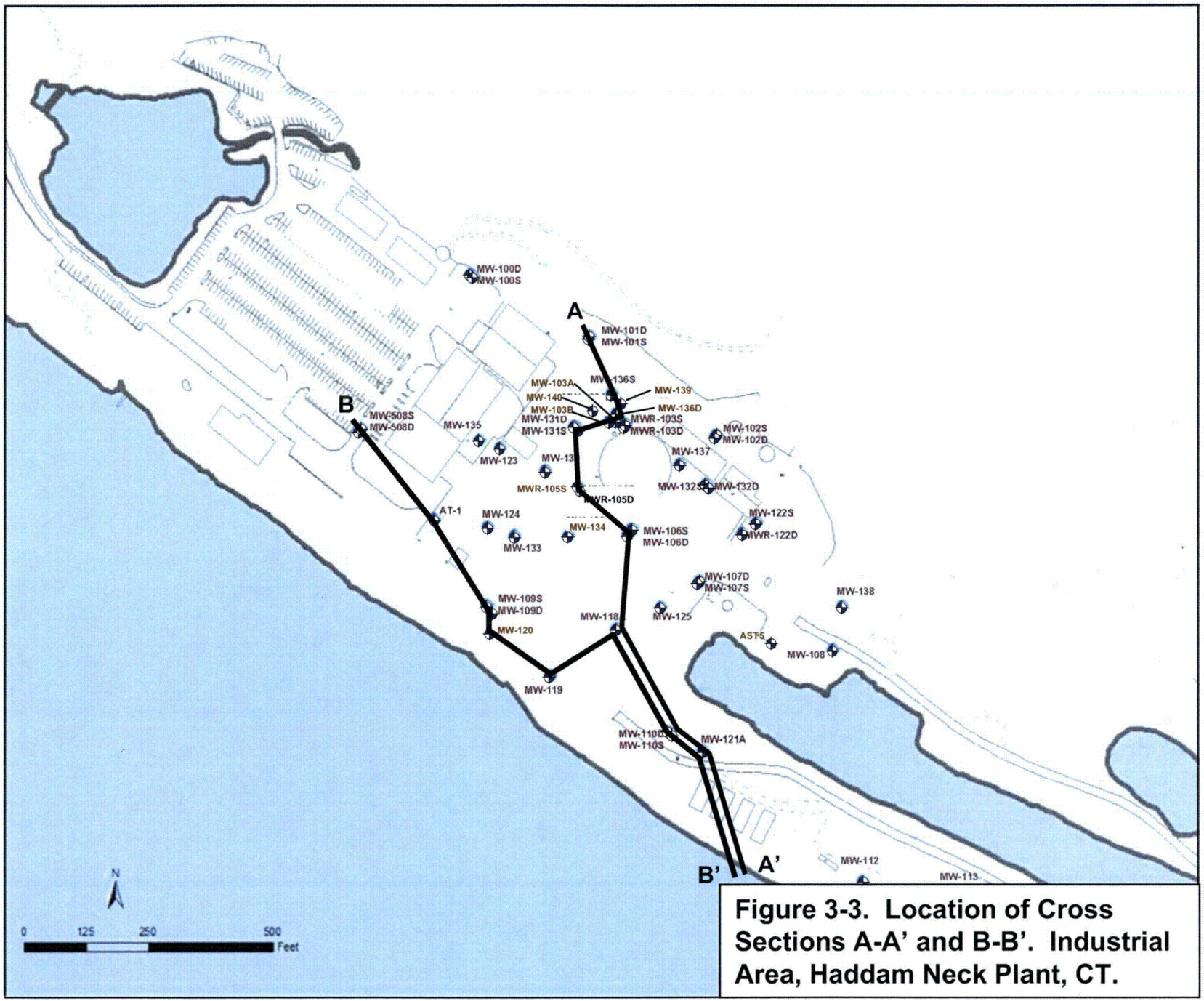

Figure 3-3. Location of Cross Sections A-A' and B-B'. Industrial Area, Haddam Neck Plant, CT.

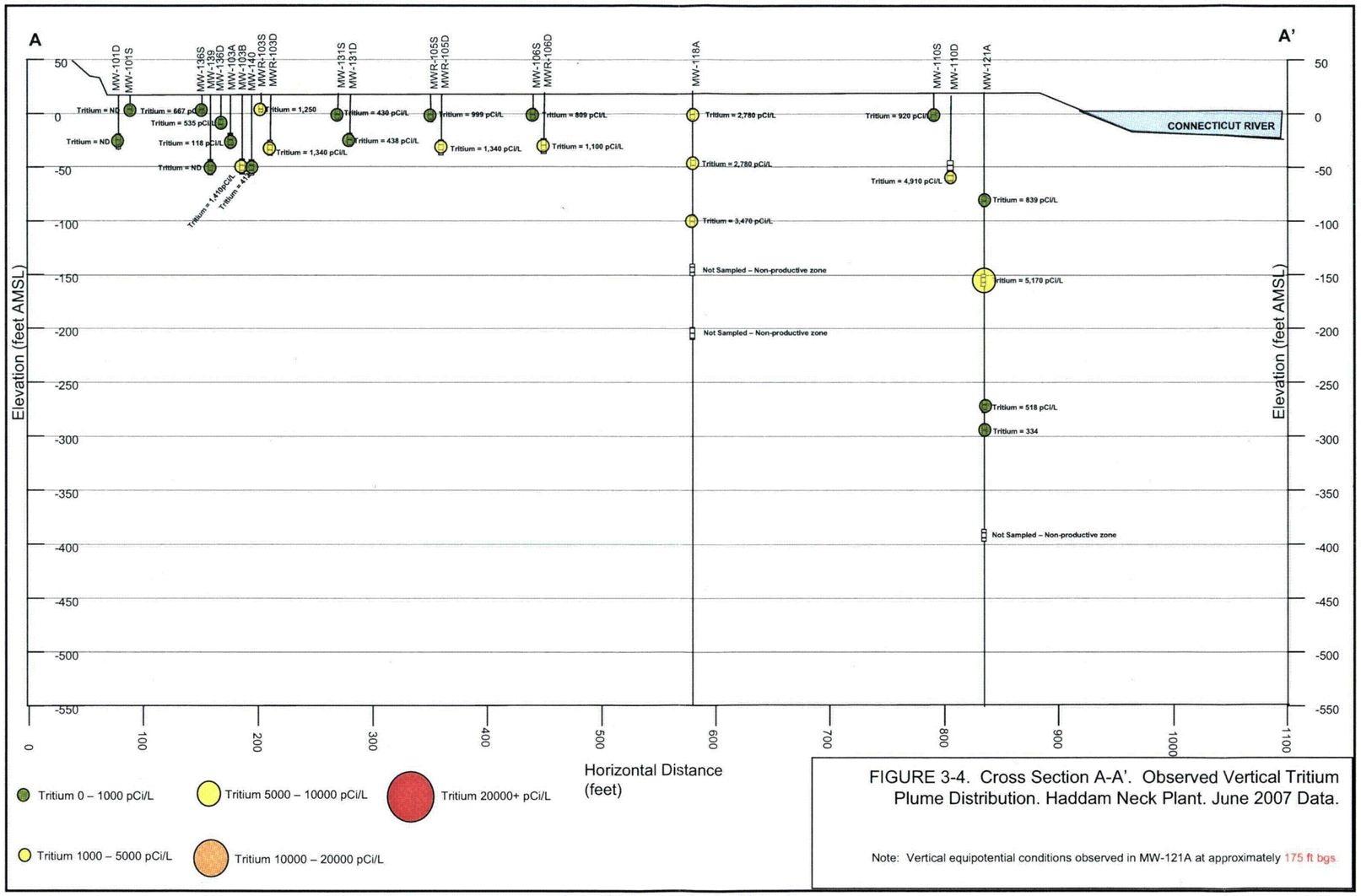

FIGURE 3-4. Cross Section A-A'. Observed Vertical Tritium Plume Distribution. Haddam Neck Plant. June 2007 Data.

Note: Vertical equipotential conditions observed in MW-121A at approximately 175 ft bgs

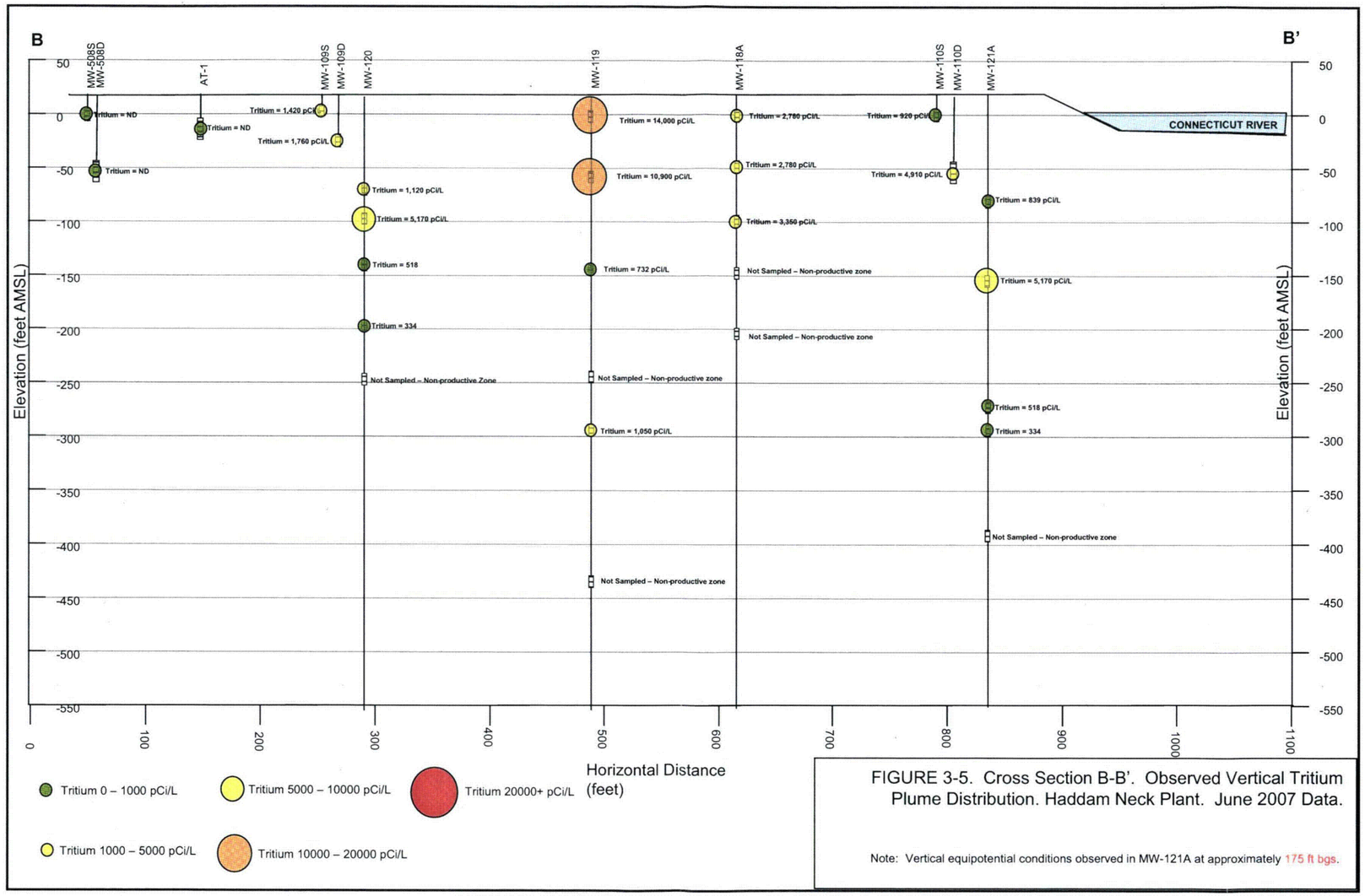

FIGURE 3-5. Cross Section B-B'. Observed Vertical Tritium Plume Distribution. Haddam Neck Plant. June 2007 Data.

Note: Vertical equipotential conditions observed in MW-121A at approximately 175 ft bgs.

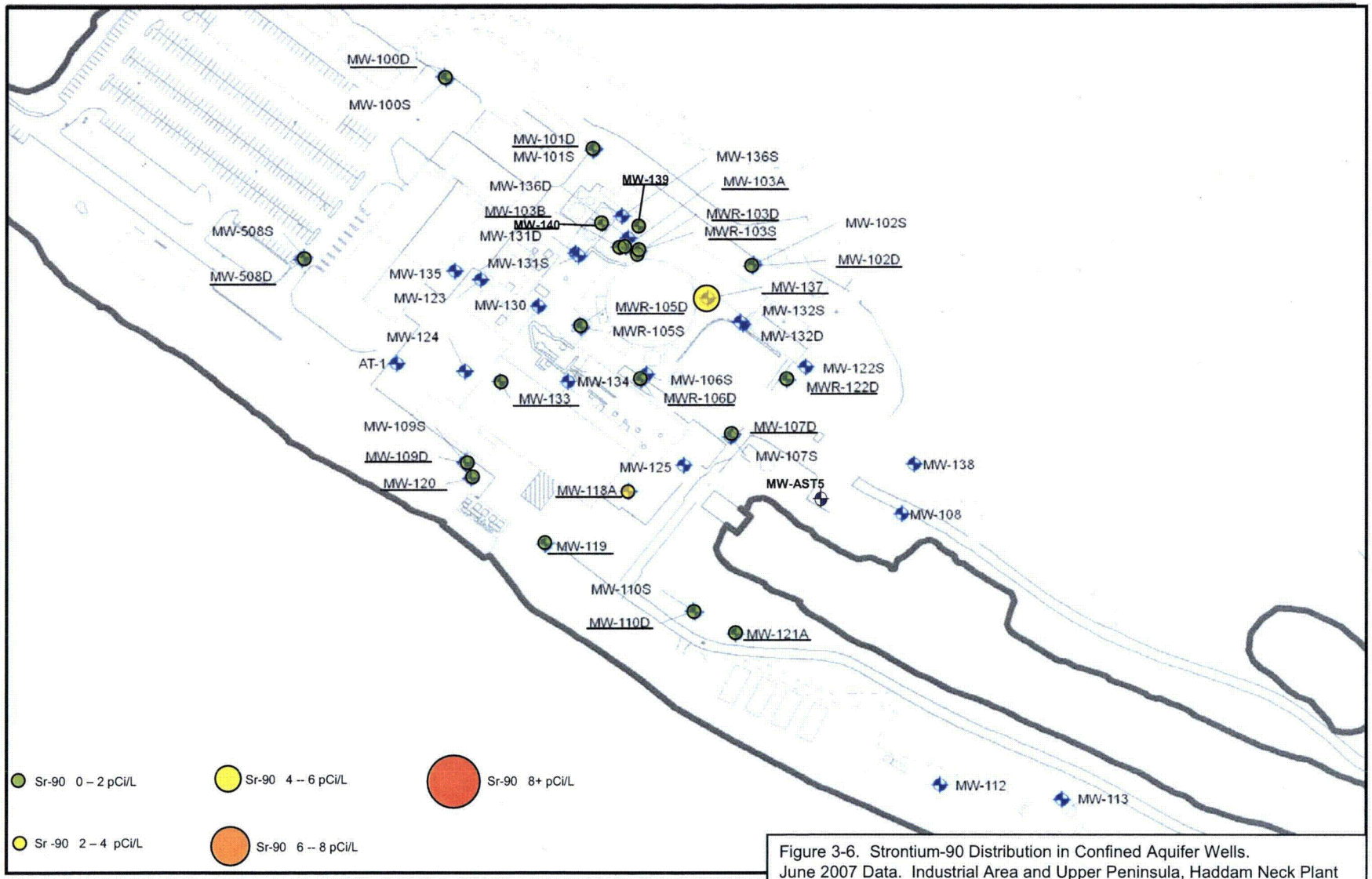

Figure 3-6. Strontium-90 Distribution in Confined Aquifer Wells.
June 2007 Data. Industrial Area and Upper Peninsula, Haddam Neck Plant

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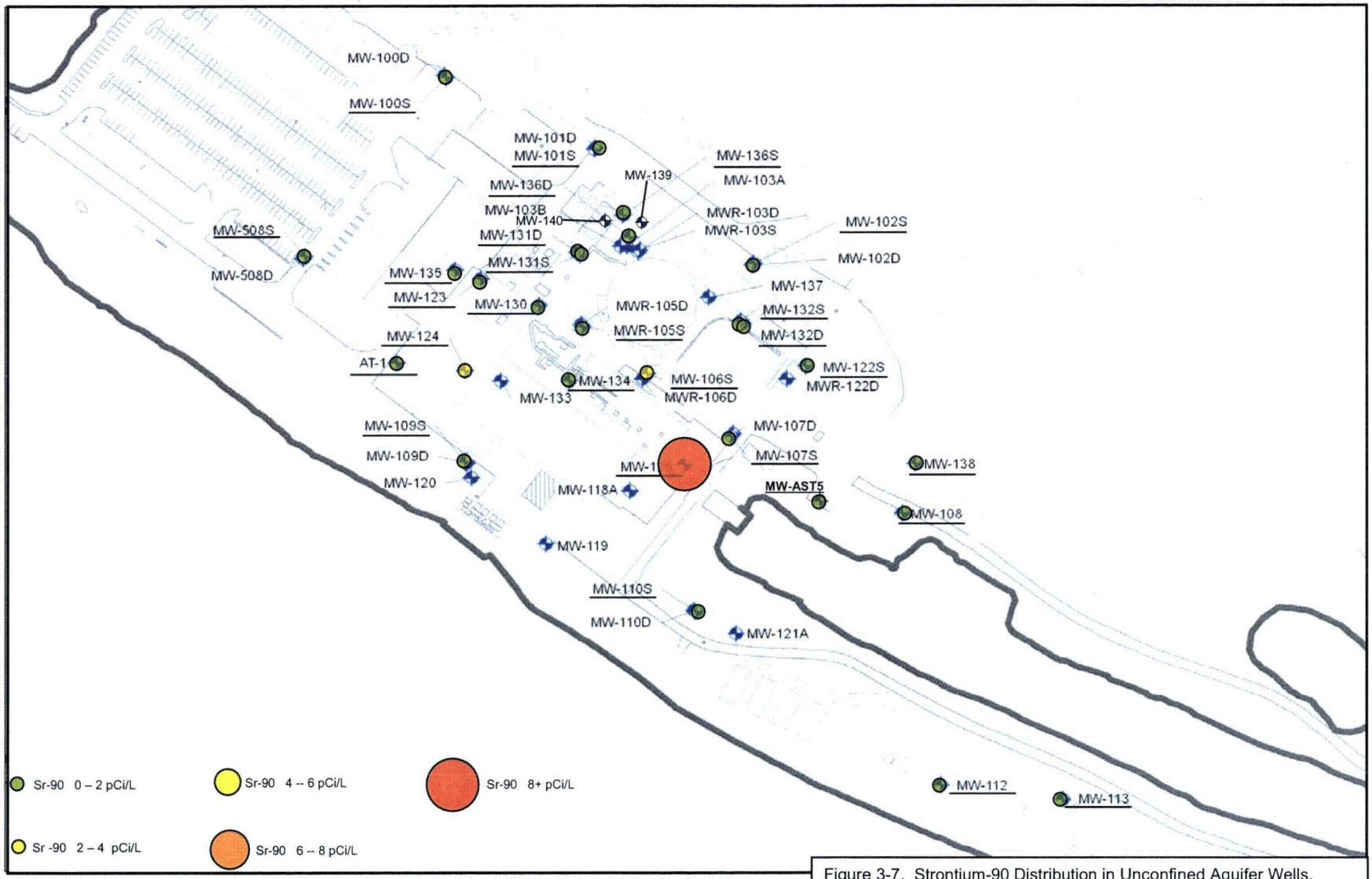

Figure 3-7. Strontium-90 Distribution in Unconfined Aquifer Wells. June 2007 Data. Industrial Area and Upper Peninsula. Haddam Neck Plant.

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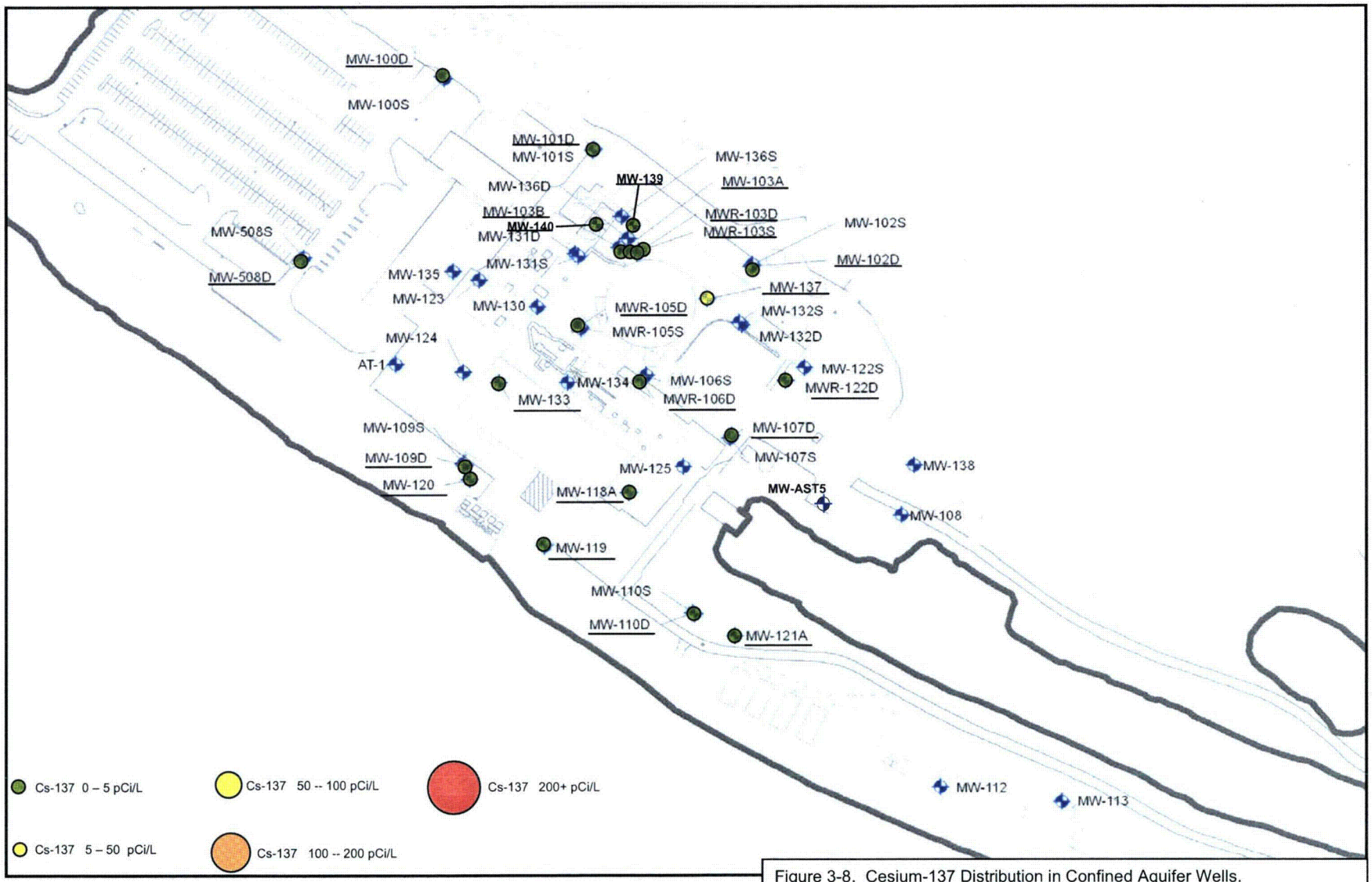

Figure 3-8. Cesium-137 Distribution in Confined Aquifer Wells.
June 2007 Data. Industrial Area and Upper Peninsula, Haddam Neck Plant

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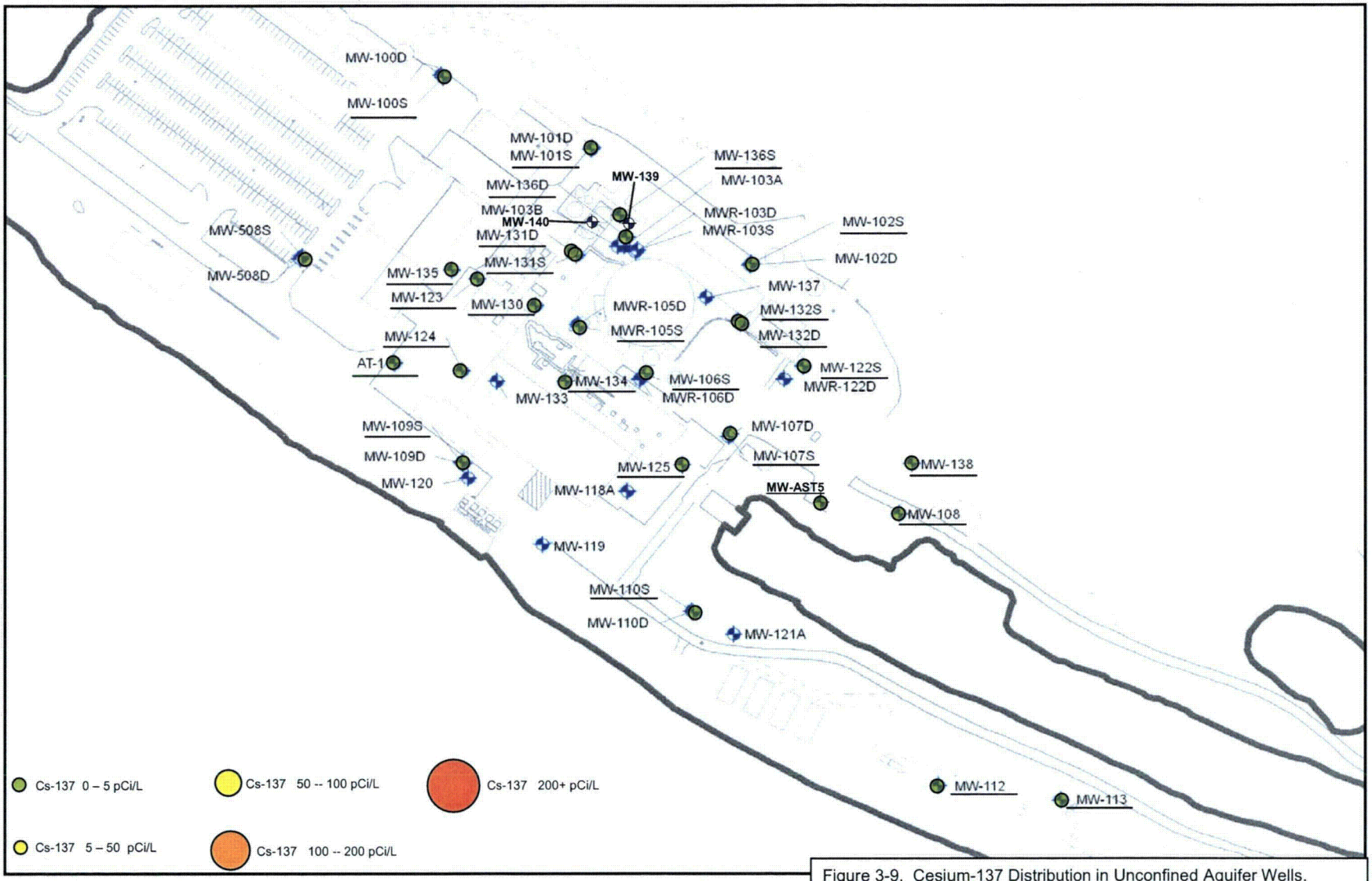

Figure 3-9. Cesium-137 Distribution in Unconfined Aquifer Wells. June 2007 Data. Industrial Area and Upper Peninsula. Haddam Neck Plant.

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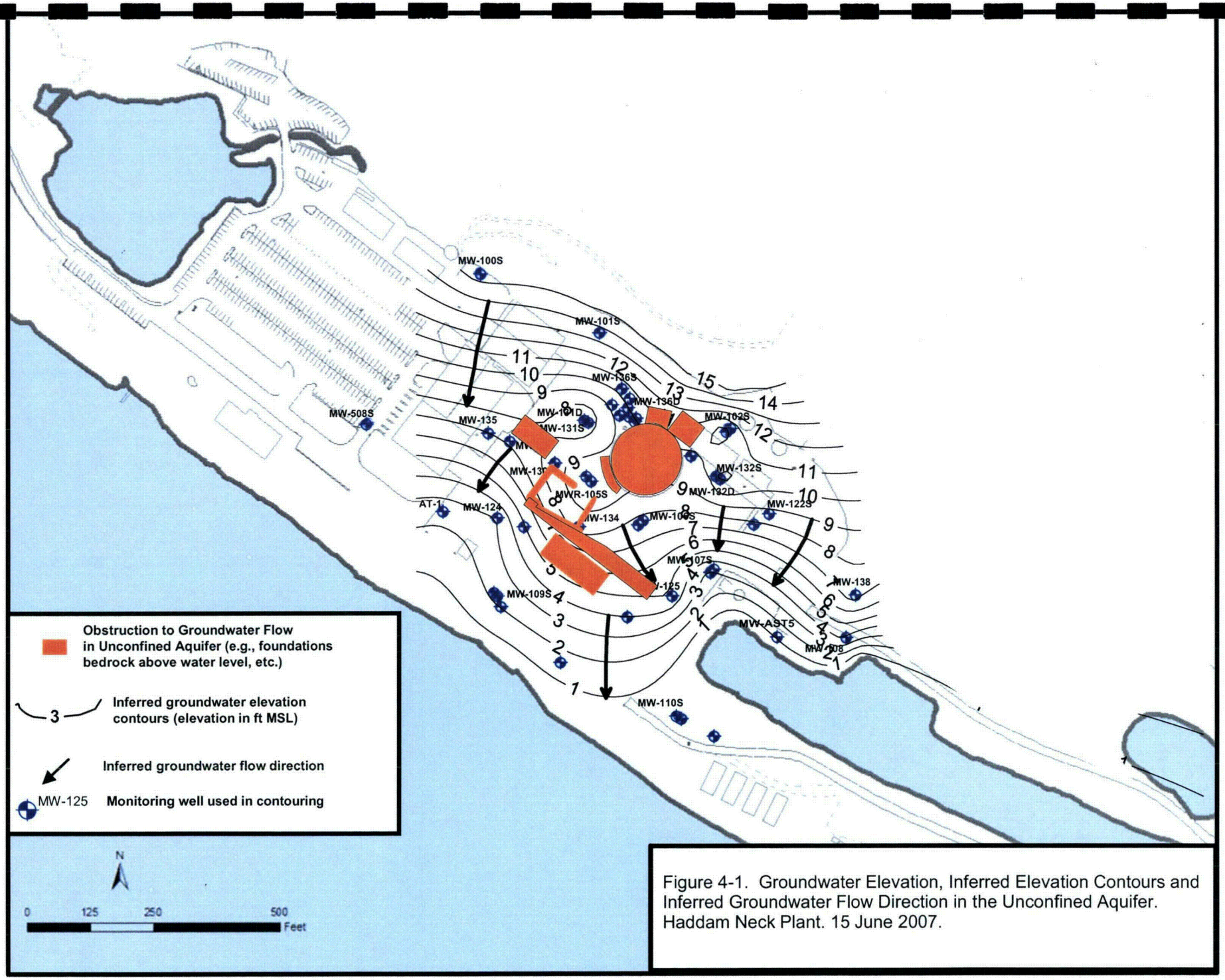


Figure 4-1. Groundwater Elevation, Inferred Elevation Contours and Inferred Groundwater Flow Direction in the Unconfined Aquifer. Haddam Neck Plant. 15 June 2007.

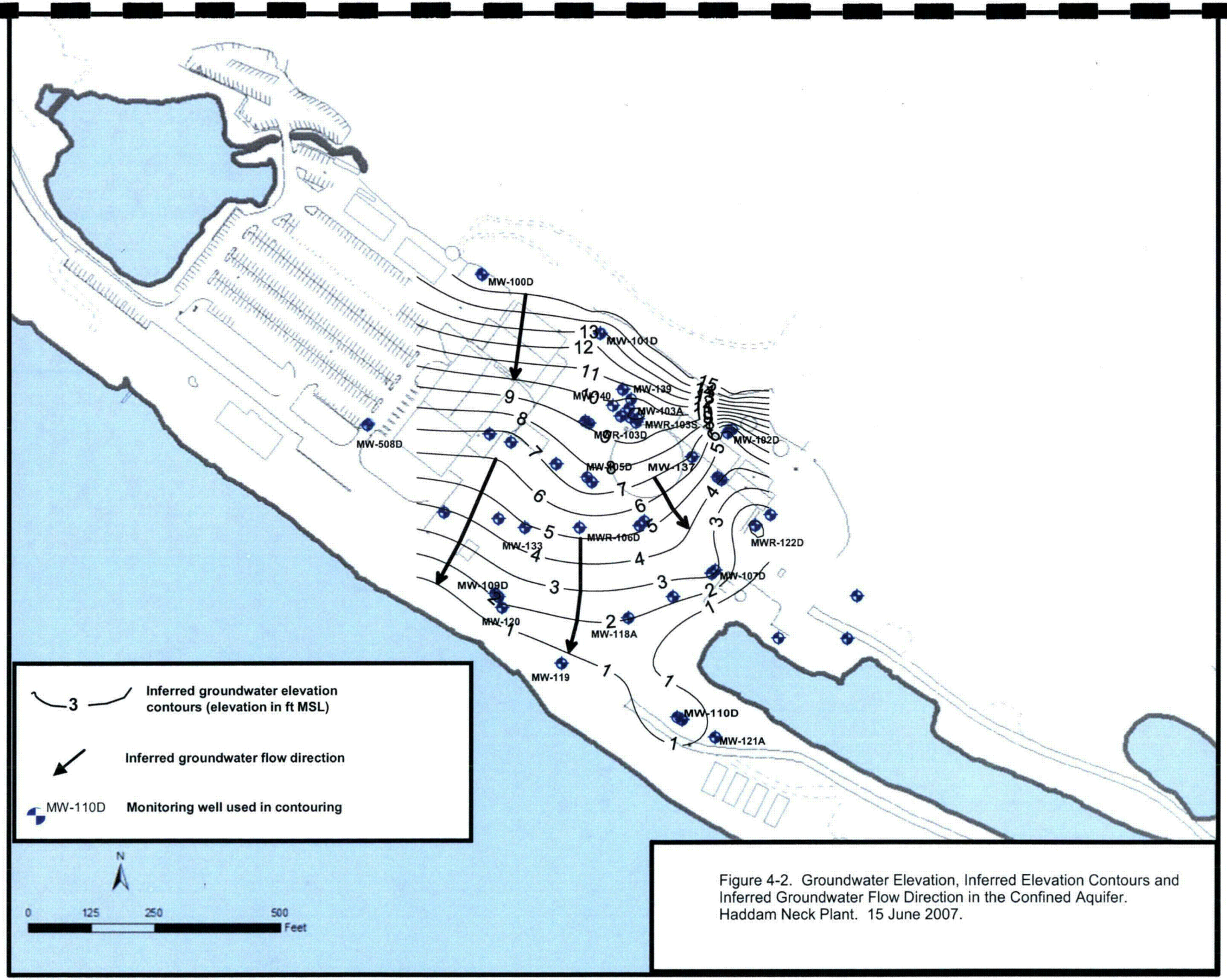
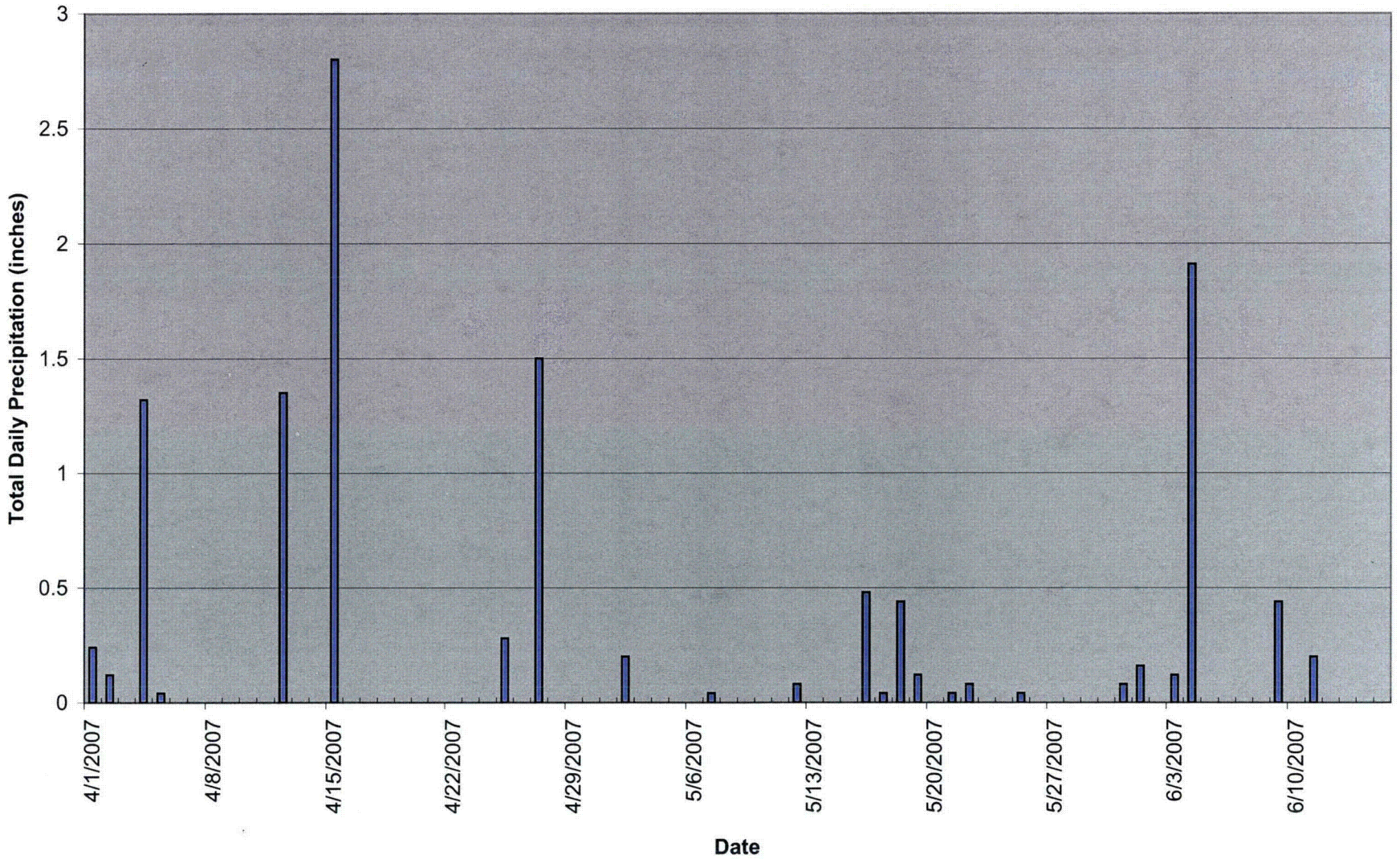


Figure 4-2. Groundwater Elevation, Inferred Elevation Contours and Inferred Groundwater Flow Direction in the Confined Aquifer. Haddam Neck Plant. 15 June 2007.

Figure 4-3. Total Daily Precipitation, April 1, 2007, through June 15, 2007.



Attachments

Attachment 1
Required Analysis Key for CYAPCO Groundwater Samples

Analyte	Chain of Custody Notation/Analysis Type	
	ALL	MIX
Boron	√	√
Gross α	√	√
Gross β	√	√
H-3	√	√
C-14	√	
Mn-54	√	√
Fe-55	√	
Co-60	√	√
Ag-108m	√	√
Ni-63	√	
Sr-90	√	√
Nb-94	√	√
Tc-99	√	
Cs-134	√	√
Cs-137	√	√
Eu-152	√	√
Eu-154	√	√
Eu-155	√	√
Pu-238	√	
Pu-239/240	√	
Pu-241	√	
Am-241	√	√
Cm-242 a	√	
Cm-243/244	√	

Notes:

1 All analyses performed to meet required detection limits (RDL) specified in CY Laboratory Statement of Work (SOW) unless other limits are specified.
2 No specific RDL for Am-241 when reported by γ-isotopic analysis.
3 No specific RDL for Cm-242 when reported by α-isotopic analysis.

Attachment 2
Laboratory Data Summary

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
AST5	Gross Alpha (pci/l)	1.1	1.68	2.85	3	U	0.15	11-Jun-07	09:26
AT1	Gross Alpha (pci/l)	**2.76**	1.83	2.15	3		0.15	11-Jun-07	03:19
MW100D	Gross Alpha (pci/l)	0.715	0.902	1.45	3	U	0.15	8-Jun-07	03:43
MW100S	Gross Alpha (pci/l)	-0.475	0.777	1.91	3	U	0.15	11-Jun-07	06:38
MW101D	Gross Alpha (pci/l)	**8.71**	2.67	1.95	3		0.15	8-Jun-07	03:49
MW101S	Gross Alpha (pci/l)	0.797	1.03	1.74	3	U	0.15	8-Jun-07	03:49
MW102D	Gross Alpha (pci/l)	**10.6**	1.62	1.04	3		0.15	12-Jun-07	12:15
MW102S	Gross Alpha (pci/l)	**10.8**	2.52	1.24	3		0.15	8-Jun-07	02:23
MW103A	Gross Alpha (pci/l)	**58.5**	6.74	1.94	3		0.15	8-Jun-07	02:05
MW103B	Gross Alpha (pci/l)	**149**	9.72	1.77	3		0.15	8-Jun-07	02:11
MWR103D	Gross Alpha (pci/l)	**14.7**	3.58	1.66	3		0.15	8-Jun-07	02:05
MWR103S	Gross Alpha (pci/l)	**4.32**	2.02	1.81	3		0.15	8-Jun-07	02:05
MWR105D	Gross Alpha (pci/l)	**41.7**	6.28	2.8	3		0.15	8-Jun-07	02:11
MWR105S	Gross Alpha (pci/l)	**2.45**	1.68	2.08	3		0.15	8-Jun-07	02:11
MWR106D	Gross Alpha (pci/l)	**27**	5.4	2.6	3		0.15	11-Jun-07	05:03
MWR106D Duplicate	Gross Alpha (pci/l)	**27**	5.52	2.58	3		0.15	11-Jun-07	05:03
MW106S	Gross Alpha (pci/l)	**4.56**	1.26	1.22	3		0.15	12-Jun-07	12:15
MW107D	Gross Alpha (pci/l)	**2.49**	1.81	2.2	3		0.15	11-Jun-07	06:38
MW107S	Gross Alpha (pci/l)	1.72	1.75	2.66	3	U	0.15	8-Jun-07	02:05
MW108	Gross Alpha (pci/l)	0.518	1.21	1.97	3	U	0.15	11-Jun-07	09:18
MW109D	Gross Alpha (pci/l)	**15.9**	3.63	1.58	3		0.15	8-Jun-07	03:43
MW109S	Gross Alpha (pci/l)	1.53	1.73	2.82	3	U	0.15	8-Jun-07	03:49
MW110D	Gross Alpha (pci/l)	**10.2**	3.23	3.14	3		0.15	11-Jun-07	04:04
MW110S	Gross Alpha (pci/l)	0.648	1.4	2.49	3	U	0.15	11-Jun-07	03:13
MW112	Gross Alpha (pci/l)	-0.246	0.846	2.04	3	U	0.15	11-Jun-07	03:13
MW113	Gross Alpha (pci/l)	-0.602	0.938	2.2	3	U	0.15	11-Jun-07	09:18
MW117	Gross Alpha (pci/l)	**3.2**	2	2.35	3		0.15	11-Jun-07	09:26
MW118A-3	Gross Alpha (pci/l)	**113**	9.14	1.79	3		0.15	11-Jun-07	05:12
MW118A-3 Duplicate	Gross Alpha (pci/l)	**141**	10.4	3.04	3		0.15	11-Jun-07	05:12
MW118A-4	Gross Alpha (pci/l)	**39.4**	6	2.12	3		0.15	11-Jun-07	04:04
MW118A-5	Gross Alpha (pci/l)	**18.3**	4.5	2.12	3		0.15	11-Jun-07	04:04
MW119-2	Gross Alpha (pci/l)	**198**	12.3	2.05	3		0.15	8-Jun-07	03:49
MW119-4	Gross Alpha (pci/l)	**50.2**	5.92	1.72	3		0.15	8-Jun-07	03:43
MW119-5	Gross Alpha (pci/l)	**366**	17.2	1.89	3		0.15	8-Jun-07	03:49
MW119-6	Gross Alpha (pci/l)	**6.64**	2.22	1.5	3		0.15	8-Jun-07	02:05
MW120-1	Gross Alpha (pci/l)	**24.9**	4.13	1.85	3		0.15	8-Jun-07	03:49
MW120-2	Gross Alpha (pci/l)	**22.5**	4.32	1.59	3		0.15	11-Jun-07	09:12
MW120-3	Gross Alpha (pci/l)	**42.7**	6.13	2.43	3		0.15	11-Jun-07	09:18
MW120-4	Gross Alpha (pci/l)	**34.6**	5.05	2.29	3		0.15	11-Jun-07	04:44
MW120-5	Gross Alpha (pci/l)	**21.4**	4.11	2.05	3		0.15	11-Jun-07	04:44
MW121A-2	Gross Alpha (pci/l)	**3.22**	2.38	2.87	3		0.105	8-Jun-07	02:23
MW121A-3	Gross Alpha (pci/l)	**3.99**	1.8	1.65	3		0.15	8-Jun-07	02:05
MW121A-4	Gross Alpha (pci/l)	**79.4**	7.54	2.84	3		0.15	8-Jun-07	02:05
MW121A-5	Gross Alpha (pci/l)	**2.86**	1.64	1.75	3		0.15	11-Jun-07	09:12
MWR122D	Gross Alpha (pci/l)	**2.38**	1.21	1.16	3		0.15	8-Jun-07	02:23
MWR122S	Gross Alpha (pci/l)	**7.56**	3.26	2.49	3		0.08	8-Jun-07	02:23
MW123	Gross Alpha (pci/l)	1.16	1.56	2.6	3	U	0.15	11-Jun-07	03:19
MW124	Gross Alpha (pci/l)	-0.664	1.32	2.79	3	U	0.15	11-Jun-07	10:22
MW125	Gross Alpha (pci/l)	**2.05**	1.61	1.93	3		0.15	8-Jun-07	02:11
MW130	Gross Alpha (pci/l)	**2.18**	1.44	1.76	3		0.15	8-Jun-07	03:49
MW131D	Gross Alpha (pci/l)	**8.79**	3.45	3.85	3		0.15	8-Jun-07	03:43
MW131S	Gross Alpha (pci/l)	**2.51**	1.93	2.46	3		0.15	8-Jun-07	03:43
MW132D	Gross Alpha (pci/l)	0.803	1.2	2.05	3	U	0.15	8-Jun-07	02:05
MW132S	Gross Alpha (pci/l)	1.43	1.31	1.89	3	U	0.15	11-Jun-07	09:26
MW132S Duplicate	Gross Alpha (pci/l)	1.03	1.15	1.83	3	U	0.15	11-Jun-07	09:26
MW133	Gross Alpha (pci/l)	**3.82**	1.94	1.84	3		0.15	8-Jun-07	03:43
MW134	Gross Alpha (pci/l)	1.81	1.89	2.97	3	U	0.15	8-Jun-07	02:11
MW135	Gross Alpha (pci/l)	1.85	1.9	2.72	3	U	0.15	11-Jun-07	03:13
MW136D	Gross Alpha (pci/l)	**5.84**	2.11	2.34	3		0.08	12-Jun-07	12:15
MW136S	Gross Alpha (pci/l)	**3.27**	2.12	2.53	3		0.15	8-Jun-07	03:49
MW137	Gross Alpha (pci/l)	**6.68**	1.42	1.14	3		0.15	12-Jun-07	12:15
MW138	Gross Alpha (pci/l)	0.511	0.881	1.58	3	U	0.15	11-Jun-07	04:04
MW138 Duplicate	Gross Alpha (pci/l)	0.236	0.803	1.63	3	U	0.15	11-Jun-07	04:04
MW139	Gross Alpha (pci/l)	2.61	2.15	2.83	3	U	0.15	11-Jun-07	05:03
MW140	Gross Alpha (pci/l)	**11**	3.04	1.65	3		0.15	11-Jun-07	04:04

NOTES:

Bold results are greater than 2-sigma TPU and the sample MDC.

Gray results are greater than 2-sigma TPU and less than the sample MDC.

See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
MW508D	Gross Alpha (pci/l)	**13.8**	3.01	1.58	3		0.15	8-Jun-07	03:49
MW508S	Gross Alpha (pci/l)	1.19	1.45	2.38	3	U	0.15	8-Jun-07	03:49
AST5	Gross Beta (pci/l)	**5.8**	2.68	3.87	4		0.15	11-Jun-07	09:26
AT1	Gross Beta (pci/l)	**4.34**	2.36	3.52	4		0.15	11-Jun-07	03:19
MW100D	Gross Beta (pci/l)	-0.31	1.67	3.18	4	U	0.15	8-Jun-07	03:43
MW100S	Gross Beta (pci/l)	0.371	1.93	3.55	4	U	0.15	11-Jun-07	06:38
MW101D	Gross Beta (pci/l)	**5.32**	2.23	3.11	4		0.15	8-Jun-07	03:49
MW101S	Gross Beta (pci/l)	**3.82**	2.09	3.15	4		0.15	8-Jun-07	03:49
MW102D	Gross Beta (pci/l)	**2.86**	1.31	2.05	4		0.15	12-Jun-07	12:15
MW102S	Gross Beta (pci/l)	**7.17**	2.35	3.26	4		0.15	8-Jun-07	02:23
MW103A	Gross Beta (pci/l)	**58.3**	5.03	2.98	4		0.15	8-Jun-07	02:05
MW103B	Gross Beta (pci/l)	**89.9**	5.74	3.24	4		0.15	8-Jun-07	02:11
MWR103D	Gross Beta (pci/l)	**12.2**	2.72	2.95	4		0.15	8-Jun-07	02:05
MWR103S	Gross Beta (pci/l)	**16.2**	2.95	2.84	4		0.15	8-Jun-07	02:05
MWR105D	Gross Beta (pci/l)	**11.3**	2.92	3.6	4		0.15	8-Jun-07	02:11
MWR105S	Gross Beta (pci/l)	**7.3**	2.74	3.88	4		0.15	8-Jun-07	02:11
MWR106D	Gross Beta (pci/l)	**15.3**	3.23	3.5	4		0.15	11-Jun-07	05:03
MWR106D Duplicate	Gross Beta (pci/l)	**16.3**	3.33	3.62	4		0.15	11-Jun-07	05:03
MW106S	Gross Beta (pci/l)	**15.6**	1.74	1.95	4		0.15	12-Jun-07	12:15
MW107D	Gross Beta (pci/l)	**6.47**	2.55	3.48	4		0.15	11-Jun-07	06:38
MW107S	Gross Beta (pci/l)	**4.8**	2.5	3.75	4		0.15	8-Jun-07	02:05
MW108	Gross Beta (pci/l)	2.21	2.14	3.52	4	U	0.15	11-Jun-07	09:18
MW109D	Gross Beta (pci/l)	**4.68**	2.11	2.98	4		0.15	8-Jun-07	03:43
MW109S	Gross Beta (pci/l)	**10.2**	2.75	3.51	4		0.15	8-Jun-07	03:49
MW110D	Gross Beta (pci/l)	**9.65**	2.68	3.23	4		0.15	11-Jun-07	04:04
MW110S	Gross Beta (pci/l)	3.06	2.34	3.76	4	U	0.15	11-Jun-07	03:13
MW112	Gross Beta (pci/l)	3.23	2.4	3.85	4	U	0.15	11-Jun-07	03:13
MW113	Gross Beta (pci/l)	**7**	2.58	3.45	4		0.15	11-Jun-07	09:18
MW117	Gross Beta (pci/l)	**8.1**	2.69	3.52	4		0.15	11-Jun-07	09:26
MW118A-3	Gross Beta (pci/l)	**24.6**	3.55	2.98	4		0.15	11-Jun-07	05:12
MW118A-3 Duplicate	Gross Beta (pci/l)	**22.6**	3.49	3.12	4		0.15	11-Jun-07	05:12
MW118A-4	Gross Beta (pci/l)	**13.2**	2.93	3.12	4		0.15	11-Jun-07	04:04
MW118A-5	Gross Beta (pci/l)	**16.7**	3.28	3.34	4		0.15	11-Jun-07	04:04
MW119-2	Gross Beta (pci/l)	**136**	7.98	3.41	4		0.15	8-Jun-07	03:49
MW119-4	Gross Beta (pci/l)	**19.2**	3.2	2.99	4		0.15	8-Jun-07	03:43
MW119-5	Gross Beta (pci/l)	**84.2**	6.21	3.13	4		0.15	8-Jun-07	03:49
MW119-6	Gross Beta (pci/l)	**8.36**	2.72	3.62	4		0.15	8-Jun-07	02:05
MW120-1	Gross Beta (pci/l)	**27.3**	3.74	3.3	4		0.15	8-Jun-07	03:49
MW120-2	Gross Beta (pci/l)	**21.4**	3.66	3.63	4		0.15	11-Jun-07	09:12
MW120-3	Gross Beta (pci/l)	**14.9**	3.62	4.42	4		0.15	11-Jun-07	09:18
MW120-4	Gross Beta (pci/l)	**16.9**	3.24	3.56	4		0.15	11-Jun-07	04:44
MW120-5	Gross Beta (pci/l)	**10.3**	2.65	3.14	4		0.15	11-Jun-07	04:44
MW121A-2	Gross Beta (pci/l)	**4.68**	2.6	3.92	4		0.105	8-Jun-07	02:23
MW121A-3	Gross Beta (pci/l)	**3.31**	1.98	3	4		0.15	8-Jun-07	02:05
MW121A-4	Gross Beta (pci/l)	**18.8**	3.15	2.89	4		0.15	8-Jun-07	02:05
MW121A-5	Gross Beta (pci/l)	**11.2**	2.78	3.14	4		0.15	11-Jun-07	09:12
MWR122D	Gross Beta (pci/l)	1.64	1.65	2.73	4	U	0.15	8-Jun-07	02:23
MWR122S	Gross Beta (pci/l)	**12.2**	3.97	5.29	4		0.08	8-Jun-07	02:23
MW123	Gross Beta (pci/l)	**8.95**	2.66	3.25	4		0.15	11-Jun-07	03:19
MW124	Gross Beta (pci/l)	**14.7**	2.3	2.43	4		0.15	11-Jun-07	10:22
MW125	Gross Beta (pci/l)	**23.5**	3.21	2.84	4		0.15	8-Jun-07	02:11
MW130	Gross Beta (pci/l)	**7.02**	2.29	2.99	4		0.15	8-Jun-07	03:49
MW131D	Gross Beta (pci/l)	**13.4**	2.86	3.01	4		0.15	8-Jun-07	03:43
MW131S	Gross Beta (pci/l)	**5.88**	2.33	3.18	4		0.15	8-Jun-07	03:43
MW132D	Gross Beta (pci/l)	0.451	2.18	3.93	4	U	0.15	8-Jun-07	02:05
MW132S	Gross Beta (pci/l)	1.95	2.08	3.46	4	U	0.15	11-Jun-07	09:26
MW132S Duplicate	Gross Beta (pci/l)	1.99	2.12	3.53	4	U	0.15	11-Jun-07	09:26
MW133	Gross Beta (pci/l)	**12.5**	2.72	2.88	4		0.15	8-Jun-07	03:43
MW134	Gross Beta (pci/l)	**11**	2.45	2.8	4		0.15	8-Jun-07	02:11
MW135	Gross Beta (pci/l)	**10.7**	3.15	4.23	4		0.15	11-Jun-07	03:13
MW136D	Gross Beta (pci/l)	**17.2**	2.9	3.79	4		0.08	12-Jun-07	12:15
MW136S	Gross Beta (pci/l)	**11.4**	2.98	3.72	4		0.15	8-Jun-07	03:49
MW137	Gross Beta (pci/l)	**44.6**	2.53	1.93	4		0.15	12-Jun-07	12:15
MW138	Gross Beta (pci/l)	0.626	1.89	3.39	4	U	0.15	11-Jun-07	04:04
MW138 Duplicate	Gross Beta (pci/l)	**6.32**	2.46	3.38	4		0.15	11-Jun-07	04:04

NOTES:

Bold results are greater than 2-sigma TPU and the sample MDC.

Gray results are greater than 2-sigma TPU and less than the sample MDC.

See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
MW139	Gross Beta (pci/l)	**16.4**	3.48	3.8	4		0.15	11-Jun-07	05:03
MW140	Gross Beta (pci/l)	**7.7**	2.87	3.96	4		0.15	11-Jun-07	04:04
MW508D	Gross Beta (pci/l)	**12.8**	3	3.69	4		0.15	8-Jun-07	03:49
MW508S	Gross Beta (pci/l)	**4.75**	2.12	3	4		0.15	8-Jun-07	03:49
AST5	H-3 (pci/l)	**552**	206	319	400		0.05	11-Jun-07	10:27
AT1	H-3 (pci/l)	-20	180	321	400	U	0.05	11-Jun-07	06:34
MW100D	H-3 (pci/l)	89.1	148	254	400	U	0.05	7-Jun-07	07:40
MW100S	H-3 (pci/l)	-26.1	139	252	400	U	0.05	7-Jun-07	06:59
MW101D	H-3 (pci/l)	141	162	272	400	U	0.05	11-Jun-07	08:14
MW101S	H-3 (pci/l)	-49.6	150	272	400	U	0.05	11-Jun-07	08:55
MW102D	H-3 (pci/l)	**1360**	235	316	400		0.05	12-Jun-07	04:33
MW102S	H-3 (pci/l)	-49.1	186	334	400	U	0.05	8-Jun-07	12:09
MW103A	H-3 (pci/l)	**1180**	241	324	400		0.05	8-Jun-07	05:44
MW103B	H-3 (pci/l)	**1410**	256	332	400		0.05	8-Jun-07	07:08
MWR103D	H-3 (pci/l)	**434**	207	324	400		0.05	8-Jun-07	05:02
MWR103S	H-3 (pci/l)	**1250**	249	331	400		0.05	8-Jun-07	04:20
MWR105D	H-3 (pci/l)	**1340**	253	332	400		0.05	8-Jun-07	09:13
MWR105S	H-3 (pci/l)	**999**	239	333	400		0.05	8-Jun-07	08:31
MWR106D	H-3 (pci/l)	**1050**	229	309	400		0.05	12-Jun-07	01:42
MWR106D Duplicate	H-3 (pci/l)	**1100**	231	309	400		0.05	12-Jun-07	02:24
MW106S	H-3 (pci/l)	**809**	217	320	400		0.05	12-Jun-07	06:38
MW107D	H-3 (pci/l)	**2190**	441	541	400	J[c]	0.05	13-Jun-07	09:50
MW107D Reanalysis	H-3 (pci/l)	**2110**	261	285	400		0.05	13-Jun-07	07:00
MW107S	H-3 (pci/l)	**597**	218	329	400		0.05	8-Jun-07	09:22
MW108	H-3 (pci/l)	152	191	323	400	U	0.05	12-Jun-07	01:14
MW109D	H-3 (pci/l)	**1760**	231	250	400		0.05	7-Jun-07	10:25
MW109S	H-3 (pci/l)	**1420**	219	262	400		0.05	11-Jun-07	05:29
MW110D	H-3 (pci/l)	**4910**	364	307	400		0.05	11-Jun-07	09:47
MW110S	H-3 (pci/l)	**920**	229	321	400		0.05	11-Jun-07	05:52
MW112	H-3 (pci/l)	-93.1	175	320	400	U	0.05	11-Jun-07	05:10
MW113	H-3 (pci/l)	3.58	185	323	400	U	0.05	12-Jun-07	01:56
MW117	H-3 (pci/l)	16.1	185	323	400	U	0.05	12-Jun-07	12:33
MW118A-3	H-3 (pci/l)	**3350**	317	308	400		0.05	12-Jun-07	01:16
MW118A-3 Duplicate	H-3 (pci/l)	**3470**	320	307	400		0.05	12-Jun-07	12:34
MW118A-4	H-3 (pci/l)	**2780**	298	309	400		0.05	11-Jun-07	10:29
MW118A-5	H-3 (pci/l)	**2780**	297	308	400		0.05	11-Jun-07	11:10
MW119-2	H-3 (pci/l)	**1050**	208	271	400		0.05	11-Jun-07	07:33
MW119-4	H-3 (pci/l)	**732**	184	251	400		0.05	7-Jun-07	11:06
MW119-5	H-3 (pci/l)	**10900**	473	246	400		0.05	7-Jun-07	11:48
MW119-6	H-3 (pci/l)	**14000**	577	330	400		0.05	8-Jun-07	01:33
MW120-1	H-3 (pci/l)	40.9	153	267	400	U	0.05	11-Jun-07	06:51
MW120-2	H-3 (pci/l)	21.3	184	321	400	U	0.05	11-Jun-07	09:45
MW120-3	H-3 (pci/l)	123	190	323	400	U	0.05	12-Jun-07	02:38
MW120-4	H-3 (pci/l)	**1740**	265	322	400		0.05	11-Jun-07	08:40
MW120-5	H-3 (pci/l)	**1120**	237	319	400		0.05	11-Jun-07	09:22
MW121A-2	H-3 (pci/l)	**334**	207	333	400		0.05	8-Jun-07	12:51
MW121A-3	H-3 (pci/l)	**518**	214	329	400		0.05	8-Jun-07	02:56
MW121A-4	H-3 (pci/l)	**5170**	380	329	400		0.05	8-Jun-07	03:38
MW121A-5	H-3 (pci/l)	**839**	215	314	400		0.05	11-Jun-07	08:22
MWR122D	H-3 (pci/l)	**516**	213	328	400		0.05	8-Jun-07	11:27
MWR122S	H-3 (pci/l)	**3040**	316	331	400		0.05	8-Jun-07	10:45
MW123	H-3 (pci/l)	163	192	323	400	U	0.05	11-Jun-07	07:16
MW124	H-3 (pci/l)	**615**	209	320	400		0.05	11-Jun-07	07:40
MW125	H-3 (pci/l)	**3270**	320	326	400		0.05	8-Jun-07	06:26
MW130	H-3 (pci/l)	**677**	187	265	400		0.05	11-Jun-07	06:10
MW131D	H-3 (pci/l)	**438**	168	252	400		0.05	7-Jun-07	09:03
MW131S	H-3 (pci/l)	**430**	165	247	400		0.05	7-Jun-07	08:21
MW132D	H-3 (pci/l)	24.2	188	329	400	U	0.05	8-Jun-07	10:03
MW132S	H-3 (pci/l)	118	187	317	400	U	0.05	11-Jun-07	11:09
MW132S Duplicate	H-3 (pci/l)	-22.9	181	318	400	U	0.05	11-Jun-07	11:51
MW133	H-3 (pci/l)	**533**	172	249	400		0.05	7-Jun-07	09:44
MW134	H-3 (pci/l)	**1120**	242	330	400		0.05	8-Jun-07	07:49
MW135	H-3 (pci/l)	140	189	321	400	U	0.05	11-Jun-07	04:28
MW136D	H-3 (pci/l)	**535**	206	320	400		0.05	12-Jun-07	05:57
MW136S	H-3 (pci/l)	**667**	177	244	400		0.05	8-Jun-07	12:29

NOTES:

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See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
MW137	H-3 (pci/l)	**3920**	323	284	400		0.05	13-Jun-07	06:18
MW138	H-3 (pci/l)	-47.9	170	307	400	U	0.05	11-Jun-07	09:05
MW138 Duplicate	H-3 (pci/l)	6.53	174	307	400	U	0.05	11-Jun-07	08:23
MW139	H-3 (pci/l)	132	183	310	400	J[c]	0.05	12-Jun-07	01:00
MW139 Reanalysis	H-3 (pci/l)	262	177	287	400	U	0.05	13-Jun-07	07:41
MW140	H-3 (pci/l)	**412**	198	309	400		0.05	11-Jun-07	07:41
MW508D	H-3 (pci/l)	57.8	144	250	400	U	0.05	8-Jun-07	01:51
MW508S	H-3 (pci/l)	136	150	251	400	U	0.05	8-Jun-07	01:10
AST5	Boron (ug/l)	**449**	-	20	15			13-Jun-07	03:42
AT1	Boron (ug/l)	**49.9**	-	4	15			13-Jun-07	04:02
MW100D	Boron (ug/l)	**7.35**	-	4	15	J		11-Jun-07	11:48
MW100S	Boron (ug/l)	**13.9**	-	4	15	J		11-Jun-07	11:28
MW101D	Boron (ug/l)	**34.2**	-	4	15			11-Jun-07	01:14
MW101S	Boron (ug/l)	**26.1**	-	4	15			11-Jun-07	01:19
MW102D	Boron (ug/l)	**76**	-	4	15			13-Jun-07	03:33
MW102S	Boron (ug/l)	**50.6**	-	4	15			13-Jun-07	01:36
MW103A	Boron (ug/l)	**35.1**	-	4	15			13-Jun-07	02:00
MW103B	Boron (ug/l)	**71.2**	-	4	15			13-Jun-07	02:05
MWR103D	Boron (ug/l)	**43.3**	-	4	15			13-Jun-07	01:57
MWR103S	Boron (ug/l)	**37.6**	-	4	15			13-Jun-07	01:50
MWR105D	Boron (ug/l)	**60.5**	-	4	15			13-Jun-07	02:12
MWR105S	Boron (ug/l)	**32.9**	-	4	15			13-Jun-07	02:10
MWR106D	Boron (ug/l)	**66.4**	-	4	15			14-Jun-07	12:39
MWR106D Duplicate	Boron (ug/l)	**65.3**	-	4	15			14-Jun-07	12:41
MW106S	Boron (ug/l)	**186**	-	4	15			13-Jun-07	03:52
MW107D	Boron (ug/l)	**212**	-	20	15			13-Jun-07	02:22
MW107S	Boron (ug/l)	**68.3**	-	4	15			13-Jun-07	01:10
MW108	Boron (ug/l)	**55.7**	-	4	15			13-Jun-07	03:26
MW109D	Boron (ug/l)	**109**	-	4	15			11-Jun-07	12:17
MW109S	Boron (ug/l)	**252**	-	20	15			11-Jun-07	01:38
MW110D	Boron (ug/l)	**126**	-	4	15			14-Jun-07	02:15
MW110S	Boron (ug/l)	**132**	-	4	15			13-Jun-07	04:00
MW112	Boron (ug/l)	**41.9**	-	4	15			13-Jun-07	03:57
MW113	Boron (ug/l)	**58.6**	-	4	15			13-Jun-07	03:28
MW117	Boron (ug/l)	**53**	-	4	15			13-Jun-07	03:11
MW118A-3	Boron (ug/l)	**234**	-	20	15			14-Jun-07	02:26
MW118A-3 Duplicate	Boron (ug/l)	**209**	-	20	15			14-Jun-07	02:24
MW118A-4	Boron (ug/l)	**108**	-	4	15			14-Jun-07	02:17
MW118A-5	Boron (ug/l)	**178**	-	4	15			14-Jun-07	02:19
MW119-2	Boron (ug/l)	**270**	-	20	15			11-Jun-07	01:43
MW119-4	Boron (ug/l)	**109**	-	4	15			11-Jun-07	12:21
MW119-5	Boron (ug/l)	**297**	-	20	15			11-Jun-07	01:33
MW119-6	Boron (ug/l)	**212**	-	20	15			13-Jun-07	02:30
MW120-1	Boron (ug/l)	**109**	-	4	15			11-Jun-07	01:05
MW120-2	Boron (ug/l)	**135**	-	4	15			13-Jun-07	02:56
MW120-3	Boron (ug/l)	**74.3**	-	4	15			13-Jun-07	03:31
MW120-4	Boron (ug/l)	**114**	-	4	15			13-Jun-07	04:31
MW120-5	Boron (ug/l)	**102**	-	4	15			13-Jun-07	04:34
MW121A-2	Boron (ug/l)	**327**	-	20	15			13-Jun-07	02:27
MW121A-3	Boron (ug/l)	**238**	-	20	15			13-Jun-07	02:32
MW121A-4	Boron (ug/l)	**166**	-	4	15			13-Jun-07	01:48
MW121A-5	Boron (ug/l)	**27.5**	-	4	15			13-Jun-07	02:52
MWR122D	Boron (ug/l)	**244**	-	20	15			13-Jun-07	02:25
MWR122S	Boron (ug/l)	**165**	-	4	15			13-Jun-07	01:17
MW123	Boron (ug/l)	**293**	-	20	15			13-Jun-07	04:08
MW124	Boron (ug/l)	**153**	-	4	15			13-Jun-07	02:49
MW125	Boron (ug/l)	**238**	-	20	15			13-Jun-07	02:35
MW130	Boron (ug/l)	**25.6**	-	4	15			11-Jun-07	01:00
MW131D	Boron (ug/l)	**34.8**	-	4	15			11-Jun-07	12:07
MW131S	Boron (ug/l)	**90**	-	4	15			11-Jun-07	11:53
MW132D	Boron (ug/l)	**31.1**	-	4	15			13-Jun-07	01:12
MW132S	Boron (ug/l)	**110**	-	4	15			13-Jun-07	03:06
MW132S Duplicate	Boron (ug/l)	**104**	-	4	15			13-Jun-07	03:09
MW133	Boron (ug/l)	**82.4**	-	4	15			11-Jun-07	12:12
MW134	Boron (ug/l)	**225**	-	20	15			13-Jun-07	02:37

NOTES:

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See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
MW135	Boron (ug/l)	**111**	-	4	15			13-Jun-07	03:55
MW136D	Boron (ug/l)	**95.2**	-	4	15			13-Jun-07	03:50
MW136S	Boron (ug/l)	**70.1**	-	4	15			11-Jun-07	12:31
MW137	Boron (ug/l)	**1950**	-	80	15			13-Jun-07	03:40
MW138	Boron (ug/l)	**11.6**	-	4	15	J		14-Jun-07	12:50
MW138 Duplicate	Boron (ug/l)	**11.7**	-	4	15	J		14-Jun-07	12:48
MW139	Boron (ug/l)	**41.7**	-	4	15			14-Jun-07	12:25
MW140	Boron (ug/l)	**27.2**	-	4	15			14-Jun-07	12:45
MW508D	Boron (ug/l)	**55.2**	-	4	15			11-Jun-07	12:50
MW508S	Boron (ug/l)	**55.8**	-	4	15			11-Jun-07	12:36
AST5	Mn-54 (pci/l)	-1.25	2.01	3.13	50	U	2	12-Jun-07	09:38
AT1	Mn-54 (pci/l)	-1.78	2.25	3.44	50	U	2	13-Jun-07	09:16
MW100D	Mn-54 (pci/l)	-2.56	3.5	5.42	50	U	2	8-Jun-07	06:47
MW100S	Mn-54 (pci/l)	-1.58	3.22	5.19	50	U	2	8-Jun-07	06:47
MW101D	Mn-54 (pci/l)	3.03	2.73	4.46	50	U	2	9-Jun-07	11:27
MW101S	Mn-54 (pci/l)	-0.233	2.31	3.83	50	U	2	11-Jun-07	12:53
MW102D	Mn-54 (pci/l)	0.269	2.24	3.87	50	U	2	12-Jun-07	02:05
MW102S	Mn-54 (pci/l)	-2.05	3.48	4.71	50	U	2	11-Jun-07	02:23
MW103A	Mn-54 (pci/l)	-2.09	4.13	5.65	50	U	2	12-Jun-07	09:19
MW103B	Mn-54 (pci/l)	4.32	4.87	6.63	50	U	2	12-Jun-07	09:19
MWR103D	Mn-54 (pci/l)	3.26	6.36	6.31	50	U	2	12-Jun-07	09:18
MWR103S	Mn-54 (pci/l)	-3.93	3.91	6.28	50	U	2	11-Jun-07	02:55
MWR105D	Mn-54 (pci/l)	-0.0775	2.04	3.33	50	U	2	12-Jun-07	09:21
MWR105S	Mn-54 (pci/l)	-2.41	2.17	3.27	50	U	2	12-Jun-07	09:20
MWR106D	Mn-54 (pci/l)	0.816	3.81	5.69	50	U	2	13-Jun-07	09:28
MWR106D Duplicate	Mn-54 (pci/l)	0.941	4.91	4.87	50	U	2	13-Jun-07	09:28
MW106S	Mn-54 (pci/l)	-0.912	2.74	4.43	50	U	2	12-Jun-07	03:16
MW107D	Mn-54 (pci/l)	-2.56	6.97	6.12	50	U	2	11-Jun-07	02:22
MW107S	Mn-54 (pci/l)	-0.171	2.64	3.76	50	U	2	11-Jun-07	02:21
MW108	Mn-54 (pci/l)	-0.216	2.21	3.73	50	U	2	12-Jun-07	02:04
MW109D	Mn-54 (pci/l)	-0.943	2.2	3.46	50	U	2	9-Jun-07	11:12
MW109S	Mn-54 (pci/l)	-0.619	1.86	3.08	50	U	2	9-Jun-07	11:13
MW110D	Mn-54 (pci/l)	-1.81	3.16	5	50	U	2	13-Jun-07	01:43
MW110S	Mn-54 (pci/l)	-0.33	1.24	2.03	50	U	2	12-Jun-07	07:32
MW112	Mn-54 (pci/l)	0.333	1.45	2.46	50	U	2	12-Jun-07	07:32
MW113	Mn-54 (pci/l)	-0.727	2.04	3.32	50	U	2	12-Jun-07	02:04
MW117	Mn-54 (pci/l)	1.73	2.48	3.93	50	U	2	12-Jun-07	02:03
MW118A-3	Mn-54 (pci/l)	-0.67	2.24	3.73	50	U	2	13-Jun-07	01:45
MW118A-3 Duplicate	Mn-54 (pci/l)	0.162	2.29	3.84	50	U	2	13-Jun-07	01:45
MW118A-4	Mn-54 (pci/l)	-2.26	1.98	2.94	50	U	2	13-Jun-07	01:43
MW118A-5	Mn-54 (pci/l)	-0.78	2.66	4.41	50	U	2	13-Jun-07	01:43
MW119-2	Mn-54 (pci/l)	0	7.41	11.2	50	UI	2	9-Jun-07	11:22
MW119-4	Mn-54 (pci/l)	1.43	2.15	3.87	50	U	2	9-Jun-07	11:21
MW119-5	Mn-54 (pci/l)	1.4	6.04	8.95	50	U	2	9-Jun-07	11:16
MW119-6	Mn-54 (pci/l)	1.17	2.2	3.94	50	U	2	11-Jun-07	02:24
MW120-1	Mn-54 (pci/l)	-0.71	1.81	2.86	50	U	2	9-Jun-07	11:16
MW120-2	Mn-54 (pci/l)	1.02	3.14	4.64	50	U	2	12-Jun-07	09:38
MW120-3	Mn-54 (pci/l)	0.992	1.72	3.04	50	U	2	12-Jun-07	02:05
MW120-4	Mn-54 (pci/l)	-0.142	2	3.26	50	U	2	13-Jun-07	09:17
MW120-5	Mn-54 (pci/l)	0.598	1.99	3.44	50	U	2	13-Jun-07	09:17
MW121A-2	Mn-54 (pci/l)	1.24	2.55	3.34	50	U	2	11-Jun-07	02:24
MW121A-3	Mn-54 (pci/l)	-0.0236	2.59	4.4	50	U	2	11-Jun-07	02:25
MW121A-4	Mn-54 (pci/l)	-0.857	2.12	2.83	50	U	2	11-Jun-07	02:25
MW121A-5	Mn-54 (pci/l)	-0.0461	2.14	3.13	50	U	2	12-Jun-07	09:37
MWR122D	Mn-54 (pci/l)	1.33	1.63	3.01	50	U	2	11-Jun-07	02:23
MWR122S	Mn-54 (pci/l)	-0.635	2.2	3.63	50	U	2	11-Jun-07	02:22
MW123	Mn-54 (pci/l)	-3.79	7.24	10.1	50	U	2	13-Jun-07	09:16
MW124	Mn-54 (pci/l)	0.0881	2.92	4.86	50	U	2	12-Jun-07	09:36
MW125	Mn-54 (pci/l)	0.345	2.65	3.88	50	U	2	12-Jun-07	09:19
MW130	Mn-54 (pci/l)	1.08	2.74	4.81	50	U	2	9-Jun-07	11:21
MW131D	Mn-54 (pci/l)	-1.39	3.82	5.27	50	U	2	9-Jun-07	11:01
MW131S	Mn-54 (pci/l)	-2.37	2.6	3.87	50	U	2	9-Jun-07	11:00
MW132D	Mn-54 (pci/l)	0.0438	2.75	4.58	50	U	2	11-Jun-07	02:21
MW132S	Mn-54 (pci/l)	0.842	2.47	4.2	50	U	2	12-Jun-07	02:02
MW132S Duplicate	Mn-54 (pci/l)	1.86	2.24	3.67	50	U	2	12-Jun-07	02:03

NOTES:

Bold results are greater than 2-sigma TPU and the sample MDC.

Gray results are greater than 2-sigma TPU and less than the sample MDC.

See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
MW133	Mn-54 (pci/l)	-0.921	3.09	5.01	50	U	2	9-Jun-07	11:01
MW134	Mn-54 (pci/l)	0.163	2.12	3.56	50	U	2	12-Jun-07	09:20
MW135	Mn-54 (pci/l)	-1.86	1.83	2.88	50	U	2	12-Jun-07	06:31
MW136D	Mn-54 (pci/l)	-0.285	2.99	4.98	50	U	2	12-Jun-07	03:16
MW136S	Mn-54 (pci/l)	0.103	1.95	3.27	50	U	2	9-Jun-07	11:12
MW137	Mn-54 (pci/l)	-0.731	2.42	3.9	50	U	2	12-Jun-07	02:06
MW138	Mn-54 (pci/l)	0.778	2.83	4.23	50	U	2	13-Jun-07	01:42
MW138 Duplicate	Mn-54 (pci/l)	-2.13	2.27	3.3	50	U	2	13-Jun-07	01:42
MW139	Mn-54 (pci/l)	3.33	2.74	5.11	50	U	2	13-Jun-07	09:28
MW140	Mn-54 (pci/l)	-3.74	4.38	5.73	50	U	2	13-Jun-07	11:26
MW508D	Mn-54 (pci/l)	1.39	2.03	3.69	50	U	2	9-Jun-07	11:21
MW508S	Mn-54 (pci/l)	-0.852	2.4	3.98	50	U	2	9-Jun-07	11:02
AST5	Co-60 (pci/l)	0.339	2.13	3.67	25	U	2	12-Jun-07	09:38
AT1	Co-60 (pci/l)	-1.55	2.21	3.36	25	U	2	13-Jun-07	09:16
MW100D	Co-60 (pci/l)	-1.09	3.69	5.94	25	U	2	8-Jun-07	06:47
MW100S	Co-60 (pci/l)	0.656	3.35	5.81	25	U	2	8-Jun-07	06:47
MW101D	Co-60 (pci/l)	2.29	3.07	5.5	25	U	2	9-Jun-07	11:27
MW101S	Co-60 (pci/l)	0.519	2.19	3.79	25	U	2	11-Jun-07	12:53
MW102D	Co-60 (pci/l)	0.481	2.16	3.7	25	U	2	12-Jun-07	02:05
MW102S	Co-60 (pci/l)	-0.222	2.84	4.76	25	U	2	11-Jun-07	02:23
MW103A	Co-60 (pci/l)	2.33	3.42	6.05	25	U	2	12-Jun-07	09:19
MW103B	Co-60 (pci/l)	-2.17	4.32	6.86	25	U	2	12-Jun-07	09:19
MWR103D	Co-60 (pci/l)	2.08	4.13	7.3	25	U	2	12-Jun-07	09:18
MWR103S	Co-60 (pci/l)	1.03	3.77	6.4	25	U	2	11-Jun-07	02:55
MWR105D	Co-60 (pci/l)	1.47	4.03	3.51	25	U	2	12-Jun-07	09:21
MWR105S	Co-60 (pci/l)	-1.15	2.69	3.65	25	U	2	12-Jun-07	09:20
MWR106D	Co-60 (pci/l)	1.23	3.66	6.23	25	U	2	13-Jun-07	09:28
MWR106D Duplicate	Co-60 (pci/l)	-1.13	3.83	5.35	25	U	2	13-Jun-07	09:28
MW106S	Co-60 (pci/l)	-0.164	2.74	4.55	25	U	2	12-Jun-07	03:16
MW107D	Co-60 (pci/l)	0.623	4.26	7.13	25	U	2	11-Jun-07	02:22
MW107S	Co-60 (pci/l)	0.0938	2.74	3.96	25	U	2	11-Jun-07	02:21
MW108	Co-60 (pci/l)	-0.517	2.61	4.21	25	U	2	12-Jun-07	02:04
MW109D	Co-60 (pci/l)	0	3.21	3.41	25	UI	2	9-Jun-07	11:12
MW109S	Co-60 (pci/l)	-0.0569	2.35	3.88	25	U	2	9-Jun-07	11:13
MW110D	Co-60 (pci/l)	-0.0468	3.34	5.62	25	U	2	13-Jun-07	01:43
MW110S	Co-60 (pci/l)	0.176	1.49	2.16	25	U	2	12-Jun-07	07:32
MW112	Co-60 (pci/l)	0.281	1.69	2.51	25	U	2	12-Jun-07	07:32
MW113	Co-60 (pci/l)	-0.232	2.24	3.76	25	U	2	12-Jun-07	02:04
MW117	Co-60 (pci/l)	-0.0775	2.49	4.18	25	U	2	12-Jun-07	02:03
MW118A-3	Co-60 (pci/l)	-0.155	2.42	4.01	25	U	2	13-Jun-07	01:45
MW118A-3 Duplicate	Co-60 (pci/l)	1.26	2.06	3.75	25	U	2	13-Jun-07	01:45
MW118A-4	Co-60 (pci/l)	-2.47	2.45	3.47	25	U	2	13-Jun-07	01:43
MW118A-5	Co-60 (pci/l)	0.376	2.59	4.49	25	U	2	13-Jun-07	01:43
MW119-2	Co-60 (pci/l)	-2.71	6.91	11.4	25	U	2	9-Jun-07	11:22
MW119-4	Co-60 (pci/l)	0.79	2.79	4.28	25	U	2	9-Jun-07	11:21
MW119-5	Co-60 (pci/l)	-1.42	5.88	9.67	25	U	2	9-Jun-07	11:16
MW119-6	Co-60 (pci/l)	-1.85	2.99	4.06	25	U	2	11-Jun-07	02:24
MW120-1	Co-60 (pci/l)	-0.328	1.98	3.26	25	U	2	9-Jun-07	11:16
MW120-2	Co-60 (pci/l)	0.553	2.78	4.78	25	U	2	12-Jun-07	09:38
MW120-3	Co-60 (pci/l)	-0.583	1.96	3.17	25	U	2	12-Jun-07	02:05
MW120-4	Co-60 (pci/l)	1.45	2.22	4.04	25	U	2	13-Jun-07	09:17
MW120-5	Co-60 (pci/l)	0.825	2.12	3.77	25	U	2	13-Jun-07	09:17
MW121A-2	Co-60 (pci/l)	1.54	2.05	3.77	25	U	2	11-Jun-07	02:24
MW121A-3	Co-60 (pci/l)	-2.69	2.36	3.02	25	U	2	11-Jun-07	02:25
MW121A-4	Co-60 (pci/l)	0.383	2.19	3.29	25	U	2	11-Jun-07	02:25
MW121A-5	Co-60 (pci/l)	-0.274	2.08	3.39	25	U	2	12-Jun-07	09:37
MWR122D	Co-60 (pci/l)	-0.119	1.92	2.68	25	U	2	11-Jun-07	02:23
MWR122S	Co-60 (pci/l)	-0.576	2.27	3.74	25	U	2	11-Jun-07	02:22
MW123	Co-60 (pci/l)	-2.67	6.71	11	25	U	2	13-Jun-07	09:16
MW124	Co-60 (pci/l)	-1.22	2.7	4.27	25	U	2	12-Jun-07	09:36
MW125	Co-60 (pci/l)	-0.668	2.58	4.17	25	U	2	12-Jun-07	09:19
MW130	Co-60 (pci/l)	0.34	2.99	4.97	25	U	2	9-Jun-07	11:21
MW131D	Co-60 (pci/l)	-1.77	3.6	5.75	25	U	2	9-Jun-07	11:01
MW131S	Co-60 (pci/l)	-0.859	2.84	4.54	25	U	2	9-Jun-07	11:00
MW132D	Co-60 (pci/l)	-3.36	3.14	4.58	25	U	2	11-Jun-07	02:21

NOTES:

Bold results are greater than 2-sigma TPU and the sample MDC.

Gray results are greater than 2-sigma TPU and less than the sample MDC.

See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
MW132S	Co-60 (pci/l)	0.0241	2.28	3.79	25	U	2	12-Jun-07	02:02
MW132S Duplicate	Co-60 (pci/l)	1.48	4.65	4.71	25	U	2	12-Jun-07	02:03
MW133	Co-60 (pci/l)	2.72	3.11	5.74	25	U	2	9-Jun-07	11:01
MW134	Co-60 (pci/l)	-0.114	2.36	3.92	25	U	2	12-Jun-07	09:20
MW135	Co-60 (pci/l)	-0.982	1.98	3.23	25	U	2	12-Jun-07	06:31
MW136D	Co-60 (pci/l)	0.969	2.97	5.22	25	U	2	12-Jun-07	03:16
MW136S	Co-60 (pci/l)	0.439	2.07	3.59	25	U	2	9-Jun-07	11:12
MW137	Co-60 (pci/l)	-1.68	2.53	3.94	25	U	2	12-Jun-07	02:06
MW138	Co-60 (pci/l)	2.21	2.77	5.07	25	U	2	13-Jun-07	01:42
MW138 Duplicate	Co-60 (pci/l)	-1.42	2.18	3.21	25	U	2	13-Jun-07	01:42
MW139	Co-60 (pci/l)	2.03	6.74	5.74	25	U	2	13-Jun-07	09:28
MW140	Co-60 (pci/l)	2.57	3.87	6.71	25	U	2	13-Jun-07	11:26
MW508D	Co-60 (pci/l)	-0.171	2.72	4.22	25	U	2	9-Jun-07	11:21
MW508S	Co-60 (pci/l)	-1.92	2.36	3.51	25	U	2	9-Jun-07	11:02
AST5	Sr-90 (pci/l)	-0.534	0.653	1.5	2	U	0.3	12-Jun-07	11:04
AT1	Sr-90 (pci/l)	-0.0841	0.701	1.41	2	U	0.3	12-Jun-07	03:08
MW100D	Sr-90 (pci/l)	-0.188	0.498	0.899	2	U	0.3	11-Jun-07	11:06
MW100S	Sr-90 (pci/l)	0.38	0.59	0.999	2	U	0.3	11-Jun-07	06:35
MW101D	Sr-90 (pci/l)	0.369	0.453	0.766	2	U	0.3	11-Jun-07	01:26
MW101S	Sr-90 (pci/l)	-0.015	0.425	0.768	2	U	0.3	11-Jun-07	01:26
MW102D	Sr-90 (pci/l)	-0.706	0.746	1.68	2	U	0.3	12-Jun-07	11:04
MW102S	Sr-90 (pci/l)	0.526	0.953	1.69	2	U	0.3	8-Jun-07	01:39
MW103A	Sr-90 (pci/l)	-0.382	0.7	1.54	2	U	0.3	8-Jun-07	01:40
MW103B	Sr-90 (pci/l)	0.475	1.1	1.97	2	U	0.3	8-Jun-07	01:40
MWR103D	Sr-90 (pci/l)	-0.0148	0.605	1.14	2	U	0.3	13-Jun-07	10:11
MWR103S	Sr-90 (pci/l)	0.0651	0.986	1.88	2	U	0.3	8-Jun-07	01:39
MWR105D	Sr-90 (pci/l)	-0.657	0.468	1.22	2	U	0.3	8-Jun-07	01:40
MWR105S	Sr-90 (pci/l)	0.782	0.586	0.912	2	U	0.3	13-Jun-07	10:11
MWR106D	Sr-90 (pci/l)	-0.383	0.616	1.3	2	U	0.3	12-Jun-07	12:56
MWR106D Duplicate	Sr-90 (pci/l)	0.467	0.901	1.58	2	U	0.3	12-Jun-07	12:56
MW106S	Sr-90 (pci/l)	**3.23**	1.29	1.96	2		0.3	12-Jun-07	11:04
MW107D	Sr-90 (pci/l)	0.653	1.08	1.89	2	U	0.3	8-Jun-07	01:38
MW107S	Sr-90 (pci/l)	-0.167	0.61	1.29	2	U	0.3	8-Jun-07	01:38
MW108	Sr-90 (pci/l)	0.598	0.837	1.44	2	U	0.3	12-Jun-07	11:04
MW109D	Sr-90 (pci/l)	0.511	0.537	0.897	2	U	0.3	11-Jun-07	11:11
MW109S	Sr-90 (pci/l)	0.641	0.81	1.37	2	U	0.3	13-Jun-07	01:49
MW110D	Sr-90 (pci/l)	0.0909	0.668	1.26	2	U	0.3	12-Jun-07	12:56
MW110S	Sr-90 (pci/l)	0.347	1.04	1.89	2	U	0.3	12-Jun-07	03:08
MW112	Sr-90 (pci/l)	-0.413	0.602	1.34	2	U	0.3	12-Jun-07	07:46
MW113	Sr-90 (pci/l)	-0.655	0.909	1.91	2	U	0.3	12-Jun-07	11:04
MW117	Sr-90 (pci/l)	0.466	0.89	1.59	2	U	0.3	12-Jun-07	11:04
MW118A-3	Sr-90 (pci/l)	-0.941	0.724	1.57	2	U	0.3	12-Jun-07	12:56
MW118A-3 Duplicate	Sr-90 (pci/l)	-0.409	0.804	1.63	2	U	0.3	12-Jun-07	12:56
MW118A-4	Sr-90 (pci/l)	-0.715	0.615	1.42	2	U	0.3	12-Jun-07	12:56
MW118A-5	Sr-90 (pci/l)	**2.94**	1.19	1.65	2		0.3	12-Jun-07	12:56
MW119-2	Sr-90 (pci/l)	0.215	0.517	0.899	2	U	0.3	11-Jun-07	01:25
MW119-4	Sr-90 (pci/l)	-0.106	0.659	1.26	2	U	0.3	13-Jun-07	10:30
MW119-5	Sr-90 (pci/l)	0.161	0.518	0.899	2	U	0.3	11-Jun-07	11:11
MW119-6	Sr-90 (pci/l)	0.204	0.844	1.6	2	U	0.3	8-Jun-07	01:39
MW120-1	Sr-90 (pci/l)	-0.0365	0.739	1.38	2	U	0.3	13-Jun-07	01:49
MW120-2	Sr-90 (pci/l)	0.656	0.814	1.38	2	U	0.3	12-Jun-07	11:04
MW120-3	Sr-90 (pci/l)	-0.249	1.01	1.99	2	U	0.3	12-Jun-07	11:04
MW120-4	Sr-90 (pci/l)	0.00815	0.75	1.47	2	U	0.3	12-Jun-07	03:08
MW120-5	Sr-90 (pci/l)	-0.7	0.636	1.53	2	U	0.3	12-Jun-07	03:08
MW121A-2	Sr-90 (pci/l)	-0.172	0.756	1.58	2	U	0.3	8-Jun-07	01:39
MW121A-3	Sr-90 (pci/l)	-0.0255	1.02	1.96	2	U	0.3	8-Jun-07	01:39
MW121A-4	Sr-90 (pci/l)	0.0774	0.923	1.75	2	U	0.3	8-Jun-07	01:39
MW121A-5	Sr-90 (pci/l)	0.438	0.901	1.62	2	U	0.3	12-Jun-07	11:04
MWR122D	Sr-90 (pci/l)	-0.69	0.757	1.75	2	U	0.3	8-Jun-07	01:39
MWR122S	Sr-90 (pci/l)	-0.101	0.882	1.62	2	U	0.3	11-Jun-07	05:35
MW123	Sr-90 (pci/l)	-0.129	0.862	1.71	2	U	0.3	12-Jun-07	03:08
MW124	Sr-90 (pci/l)	**2.18**	1.12	1.54	2		0.3	12-Jun-07	11:04
MW125	Sr-90 (pci/l)	**9.52**	1.39	0.94	2		0.3	13-Jun-07	10:11
MW130	Sr-90 (pci/l)	**1.64**	0.956	1.46	2		0.3	13-Jun-07	01:49
MW131D	Sr-90 (pci/l)	**1.44**	0.83	1.26	2		0.3	13-Jun-07	10:30

NOTES:

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See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
MW131S	Sr-90 (pci/l)	**1.73**	0.897	1.33	2		0.3	13-Jun-07	10:30
MW132D	Sr-90 (pci/l)	-0.769	0.594	1.51	2	U	0.3	8-Jun-07	01:38
MW132S	Sr-90 (pci/l)	-0.376	0.791	1.64	2	U	0.3	12-Jun-07	05:01
MW132S Duplicate	Sr-90 (pci/l)	0.683	0.929	1.59	2	U	0.3	12-Jun-07	11:04
MW133	Sr-90 (pci/l)	0.881	0.88	1.46	2	U	0.3	13-Jun-07	10:30
MW134	Sr-90 (pci/l)	0.266	0.548	0.985	2	U	0.3	13-Jun-07	01:00
MW135	Sr-90 (pci/l)	0.385	0.787	1.42	2	U	0.3	12-Jun-07	03:08
MW136D	Sr-90 (pci/l)	0.124	0.856	1.62	2	U	0.3	12-Jun-07	11:04
MW136S	Sr-90 (pci/l)	1.17	0.817	1.28	2	U	0.3	13-Jun-07	10:28
MW137	Sr-90 (pci/l)	**4.41**	1.52	1.96	2		0.3	12-Jun-07	11:04
MW138	Sr-90 (pci/l)	0.121	0.772	1.44	2	U	0.3	12-Jun-07	12:56
MW138 Duplicate	Sr-90 (pci/l)	0.113	0.83	1.54	2	U	0.3	12-Jun-07	12:56
MW139	Sr-90 (pci/l)	-1.12	0.9	1.96	2	U	0.3	12-Jun-07	04:59
MW140	Sr-90 (pci/l)	-0.358	0.625	1.32	2	U	0.3	12-Jun-07	12:56
MW508D	Sr-90 (pci/l)	-0.242	0.435	0.795	2	U	0.3	11-Jun-07	11:11
MW508S	Sr-90 (pci/l)	-0.27	0.435	0.801	2	U	0.3	11-Jun-07	11:11
AST5	Nb-94 (pci/l)	2	2.73	3.36	50	U	2	12-Jun-07	09:38
AT1	Nb-94 (pci/l)	-1.15	2.03	3.23	50	U	2	13-Jun-07	09:16
MW100D	Nb-94 (pci/l)	3.89	5.2	5.81	50	U	2	8-Jun-07	06:47
MW100S	Nb-94 (pci/l)	3.91	3.14	5.7	50	U	2	8-Jun-07	06:47
MW101D	Nb-94 (pci/l)	0	3.65	4.58	50	UI	2	9-Jun-07	11:27
MW101S	Nb-94 (pci/l)	1.68	2.18	3.93	50	U	2	11-Jun-07	12:53
MW102D	Nb-94 (pci/l)	0.543	2.11	3.54	50	U	2	12-Jun-07	02:05
MW102S	Nb-94 (pci/l)	0.739	2.53	4.34	50	U	2	11-Jun-07	02:23
MW103A	Nb-94 (pci/l)	3.31	4.21	5.32	50	U	2	12-Jun-07	09:19
MW103B	Nb-94 (pci/l)	2.57	3.77	6.49	50	U	2	12-Jun-07	09:19
MWR103D	Nb-94 (pci/l)	2.72	3.81	6.66	50	U	2	12-Jun-07	09:18
MWR103S	Nb-94 (pci/l)	2.36	4.32	6.05	50	U	2	11-Jun-07	02:55
MWR105D	Nb-94 (pci/l)	1.5	1.96	3.45	50	U	2	12-Jun-07	09:21
MWR105S	Nb-94 (pci/l)	1.12	2.14	3.69	50	U	2	12-Jun-07	09:20
MWR106D	Nb-94 (pci/l)	0	4.8	5.34	50	UI	2	13-Jun-07	09:28
MWR106D Duplicate	Nb-94 (pci/l)	2.78	3.69	4.79	50	U	2	13-Jun-07	09:28
MW106S	Nb-94 (pci/l)	-1.66	2.55	4.1	50	U	2	12-Jun-07	03:16
MW107D	Nb-94 (pci/l)	5.47	4.39	6.41	50	U	2	11-Jun-07	02:22
MW107S	Nb-94 (pci/l)	0.279	2.11	3.6	50	U	2	11-Jun-07	02:21
MW108	Nb-94 (pci/l)	1.93	2.25	3.97	50	U	2	12-Jun-07	02:04
MW109D	Nb-94 (pci/l)	1	1.85	3.21	50	U	2	9-Jun-07	11:12
MW109S	Nb-94 (pci/l)	1.23	1.91	3.32	50	U	2	9-Jun-07	11:13
MW110D	Nb-94 (pci/l)	2.67	3.33	5.18	50	U	2	13-Jun-07	01:43
MW110S	Nb-94 (pci/l)	0.311	1.2	1.99	50	U	2	12-Jun-07	07:32
MW112	Nb-94 (pci/l)	-1.4	1.39	2.23	50	U	2	12-Jun-07	07:32
MW113	Nb-94 (pci/l)	-1.27	2.12	3.27	50	U	2	12-Jun-07	02:04
MW117	Nb-94 (pci/l)	-1.54	2.45	3.88	50	U	2	12-Jun-07	02:03
MW118A-3	Nb-94 (pci/l)	-0.379	2.3	3.73	50	U	2	13-Jun-07	01:45
MW118A-3 Duplicate	Nb-94 (pci/l)	2.49	1.94	3.59	50	U	2	13-Jun-07	01:45
MW118A-4	Nb-94 (pci/l)	1.12	2	3.47	50	U	2	13-Jun-07	01:43
MW118A-5	Nb-94 (pci/l)	2.8	2.74	4.33	50	U	2	13-Jun-07	01:43
MW119-2	Nb-94 (pci/l)	0	8.29	10.2	50	UI	2	9-Jun-07	11:22
MW119-4	Nb-94 (pci/l)	-0.916	2.25	3.54	50	U	2	9-Jun-07	11:21
MW119-5	Nb-94 (pci/l)	0	8.11	9.23	50	UI	2	9-Jun-07	11:16
MW119-6	Nb-94 (pci/l)	-0.437	2.42	3.35	50	U	2	11-Jun-07	02:24
MW120-1	Nb-94 (pci/l)	0.842	1.84	3.19	50	U	2	9-Jun-07	11:16
MW120-2	Nb-94 (pci/l)	2.37	2.64	4.64	50	U	2	12-Jun-07	09:38
MW120-3	Nb-94 (pci/l)	-1.12	1.71	2.49	50	U	2	12-Jun-07	02:05
MW120-4	Nb-94 (pci/l)	0.398	2.09	3.54	50	U	2	13-Jun-07	09:17
MW120-5	Nb-94 (pci/l)	-1.37	2.08	3.27	50	U	2	13-Jun-07	09:17
MW121A-2	Nb-94 (pci/l)	-1.22	1.81	2.75	50	U	2	11-Jun-07	02:24
MW121A-3	Nb-94 (pci/l)	-1.08	2.58	4.03	50	U	2	11-Jun-07	02:25
MW121A-4	Nb-94 (pci/l)	0.915	1.83	3.19	50	U	2	11-Jun-07	02:25
MW121A-5	Nb-94 (pci/l)	-0.708	1.86	2.95	50	U	2	12-Jun-07	09:37
MWR122D	Nb-94 (pci/l)	-0.391	2.03	3.03	50	U	2	11-Jun-07	02:23
MWR122S	Nb-94 (pci/l)	0.354	2.33	3.87	50	U	2	11-Jun-07	02:22
MW123	Nb-94 (pci/l)	0	8.84	10.8	50	UI	2	13-Jun-07	09:16
MW124	Nb-94 (pci/l)	1.34	2.77	4.8	50	U	2	12-Jun-07	09:36
MW125	Nb-94 (pci/l)	0.288	2.15	3.71	50	U	2	12-Jun-07	09:19

NOTES:

Bold results are greater than 2-sigma TPU and the sample MDC.

Gray results are greater than 2-sigma TPU and less than the sample MDC.

See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
MW130	Nb-94 (pci/l)	0.728	2.97	4.94	50	U	2	9-Jun-07	11:21
MW131D	Nb-94 (pci/l)	1.6	3.89	5.88	50	U	2	9-Jun-07	11:01
MW131S	Nb-94 (pci/l)	-1.2	2.45	3.9	50	U	2	9-Jun-07	11:00
MW132D	Nb-94 (pci/l)	0.0653	3.09	4.46	50	U	2	11-Jun-07	02:21
MW132S	Nb-94 (pci/l)	0.313	2.18	3.68	50	U	2	12-Jun-07	02:02
MW132S Duplicate	Nb-94 (pci/l)	0	4.37	4.14	50	UI	2	12-Jun-07	02:03
MW133	Nb-94 (pci/l)	-1.2	2.64	4.26	50	U	2	9-Jun-07	11:01
MW134	Nb-94 (pci/l)	-0.811	2.11	3.42	50	U	2	12-Jun-07	09:20
MW135	Nb-94 (pci/l)	-0.299	1.72	2.85	50	U	2	12-Jun-07	06:31
MW136D	Nb-94 (pci/l)	2.19	2.62	4.69	50	U	2	12-Jun-07	03:16
MW136S	Nb-94 (pci/l)	2.14	2.04	3.7	50	U	2	9-Jun-07	11:12
MW137	Nb-94 (pci/l)	-0.0814	2.2	3.66	50	U	2	12-Jun-07	02:06
MW138	Nb-94 (pci/l)	-0.804	2.42	3.97	50	U	2	13-Jun-07	01:42
MW138 Duplicate	Nb-94 (pci/l)	1.2	2.19	3.82	50	U	2	13-Jun-07	01:42
MW139	Nb-94 (pci/l)	1.21	2.79	4.71	50	U	2	13-Jun-07	09:28
MW140	Nb-94 (pci/l)	0	4.92	6.26	50	UI	2	13-Jun-07	11:26
MW508D	Nb-94 (pci/l)	-0.0606	1.95	3.2	50	U	2	9-Jun-07	11:21
MW508S	Nb-94 (pci/l)	1.22	2.24	3.84	50	U	2	9-Jun-07	11:02
AST5	Ag-108m (pci/l)	-1.3	2.19	3.41	20	U	2	12-Jun-07	09:38
AT1	Ag-108m (pci/l)	0.812	2.23	3.78	20	U	2	13-Jun-07	09:16
MW100D	Ag-108m (pci/l)	2.97	3.74	6.62	20	U	2	8-Jun-07	06:47
MW100S	Ag-108m (pci/l)	-2.43	3.64	5.77	20	U	2	8-Jun-07	06:47
MW101D	Ag-108m (pci/l)	0.771	2.63	4.43	20	U	2	9-Jun-07	11:27
MW101S	Ag-108m (pci/l)	-0.151	2.57	4.22	20	U	2	11-Jun-07	12:53
MW102D	Ag-108m (pci/l)	1.66	2.17	3.82	20	U	2	12-Jun-07	02:05
MW102S	Ag-108m (pci/l)	-0.349	3.03	4.91	20	U	2	11-Jun-07	02:23
MW103A	Ag-108m (pci/l)	-1.66	3.63	5.87	20	U	2	12-Jun-07	09:19
MW103B	Ag-108m (pci/l)	-0.243	4.29	7.35	20	U	2	12-Jun-07	09:19
MWR103D	Ag-108m (pci/l)	1.7	4.73	7.9	20	U	2	12-Jun-07	09:18
MWR103S	Ag-108m (pci/l)	4.87	5.81	7.06	20	U	2	11-Jun-07	02:55
MWR105D	Ag-108m (pci/l)	2.94	2.85	3.84	20	U	2	12-Jun-07	09:21
MWR105S	Ag-108m (pci/l)	0.259	2.31	3.92	20	U	2	12-Jun-07	09:20
MWR106D	Ag-108m (pci/l)	-0.123	3.92	6.6	20	U	2	13-Jun-07	09:28
MWR106D Duplicate	Ag-108m (pci/l)	1.12	3.38	5.61	20	U	2	13-Jun-07	09:28
MW106S	Ag-108m (pci/l)	1.2	2.71	4.6	20	U	2	12-Jun-07	03:16
MW107D	Ag-108m (pci/l)	-2.52	4.11	6.88	20	U	2	11-Jun-07	02:22
MW107S	Ag-108m (pci/l)	0.134	2.43	4.04	20	U	2	11-Jun-07	02:21
MW108	Ag-108m (pci/l)	-0.965	2.43	3.98	20	U	2	12-Jun-07	02:04
MW109D	Ag-108m (pci/l)	2.23	2.21	3.99	20	U	2	9-Jun-07	11:12
MW109S	Ag-108m (pci/l)	0.101	1.94	3.28	20	U	2	9-Jun-07	11:13
MW110D	Ag-108m (pci/l)	0.921	3.16	5.49	20	U	2	13-Jun-07	01:43
MW110S	Ag-108m (pci/l)	-1.03	1.29	2.06	20	U	2	12-Jun-07	07:32
MW112	Ag-108m (pci/l)	0.302	1.5	2.49	20	U	2	12-Jun-07	07:32
MW113	Ag-108m (pci/l)	-0.506	2.26	3.76	20	U	2	12-Jun-07	02:04
MW117	Ag-108m (pci/l)	0.00406	2.42	4.14	20	U	2	12-Jun-07	02:03
MW118A-3	Ag-108m (pci/l)	0.603	2.33	3.96	20	U	2	13-Jun-07	01:45
MW118A-3 Duplicate	Ag-108m (pci/l)	1.96	1.93	3.54	20	U	2	13-Jun-07	01:45
MW118A-4	Ag-108m (pci/l)	-1.7	2.09	3.3	20	U	2	13-Jun-07	01:43
MW118A-5	Ag-108m (pci/l)	-0.705	2.78	4.63	20	U	2	13-Jun-07	01:43
MW119-2	Ag-108m (pci/l)	-4.72	7.03	11.9	20	U	2	9-Jun-07	11:22
MW119-4	Ag-108m (pci/l)	0.341	2.41	4.11	20	U	2	9-Jun-07	11:21
MW119-5	Ag-108m (pci/l)	5.61	7.47	10.5	20	U	2	9-Jun-07	11:16
MW119-6	Ag-108m (pci/l)	0.149	2.21	3.75	20	U	2	11-Jun-07	02:24
MW120-1	Ag-108m (pci/l)	0.134	1.79	3.07	20	U	2	9-Jun-07	11:16
MW120-2	Ag-108m (pci/l)	0.868	2.9	5.01	20	U	2	12-Jun-07	09:38
MW120-3	Ag-108m (pci/l)	-0.314	1.98	3.19	20	U	2	12-Jun-07	02:05
MW120-4	Ag-108m (pci/l)	-0.998	1.85	3.02	20	U	2	13-Jun-07	09:17
MW120-5	Ag-108m (pci/l)	-0.749	2.24	3.59	20	U	2	13-Jun-07	09:17
MW121A-2	Ag-108m (pci/l)	-0.0687	1.84	3.08	20	U	2	11-Jun-07	02:24
MW121A-3	Ag-108m (pci/l)	-1.91	2.25	3.52	20	U	2	11-Jun-07	02:25
MW121A-4	Ag-108m (pci/l)	-2.04	1.88	2.94	20	U	2	11-Jun-07	02:25
MW121A-5	Ag-108m (pci/l)	-0.219	1.95	3.27	20	U	2	12-Jun-07	09:37
MWR122D	Ag-108m (pci/l)	0.0273	1.93	3.26	20	U	2	11-Jun-07	02:23
MWR122S	Ag-108m (pci/l)	-2.37	2.25	3.5	20	U	2	11-Jun-07	02:22
MW123	Ag-108m (pci/l)	-4.12	6.92	11.3	20	U	2	13-Jun-07	09:16

NOTES:

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See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
MW124	Ag-108m (pci/l)	0.273	2.77	4.76	20	U	2	12-Jun-07	09:36
MW125	Ag-108m (pci/l)	-2.7	2.47	3.92	20	U	2	12-Jun-07	09:19
MW130	Ag-108m (pci/l)	0.581	2.53	4.34	20	U	2	9-Jun-07	11:21
MW131D	Ag-108m (pci/l)	2.49	3.59	6.13	20	U	2	9-Jun-07	11:01
MW131S	Ag-108m (pci/l)	-0.12	2.67	4.58	20	U	2	9-Jun-07	11:00
MW132D	Ag-108m (pci/l)	1.75	2.97	4.57	20	U	2	11-Jun-07	02:21
MW132S	Ag-108m (pci/l)	0.168	2.58	3.88	20	U	2	12-Jun-07	02:02
MW132S Duplicate	Ag-108m (pci/l)	-0.795	2.47	3.98	20	U	2	12-Jun-07	02:03
MW133	Ag-108m (pci/l)	2.8	3.85	5.52	20	U	2	9-Jun-07	11:01
MW134	Ag-108m (pci/l)	-0.177	2.33	3.82	20	U	2	12-Jun-07	09:20
MW135	Ag-108m (pci/l)	-0.108	1.86	3.18	20	U	2	12-Jun-07	06:31
MW136D	Ag-108m (pci/l)	1.38	3.41	5.02	20	U	2	12-Jun-07	03:16
MW136S	Ag-108m (pci/l)	-1.61	2.17	3.33	20	U	2	9-Jun-07	11:12
MW137	Ag-108m (pci/l)	-1.72	2.53	4.15	20	U	2	12-Jun-07	02:06
MW138	Ag-108m (pci/l)	1.04	2.59	4.39	20	U	2	13-Jun-07	01:42
MW138 Duplicate	Ag-108m (pci/l)	-1.36	2.37	3.92	20	U	2	13-Jun-07	01:42
MW139	Ag-108m (pci/l)	-1.26	3.45	5.74	20	U	2	13-Jun-07	09:28
MW140	Ag-108m (pci/l)	3.34	4.07	7.13	20	U	2	13-Jun-07	11:26
MW508D	Ag-108m (pci/l)	-0.323	1.97	3.28	20	U	2	9-Jun-07	11:21
MW508S	Ag-108m (pci/l)	-0.462	2.37	3.91	20	U	2	9-Jun-07	11:02
AST5	Cs-134 (pci/l)	-1.52	2.6	3.35	14	U	2	12-Jun-07	09:38
AT1	Cs-134 (pci/l)	-1.75	2.57	4.01	14	U	2	13-Jun-07	09:16
MW100D	Cs-134 (pci/l)	0.466	3.93	6.53	14	U	2	8-Jun-07	06:47
MW100S	Cs-134 (pci/l)	1.38	3.53	6.1	14	U	2	8-Jun-07	06:47
MW101D	Cs-134 (pci/l)	-0.247	2.73	4.52	14	U	2	9-Jun-07	11:27
MW101S	Cs-134 (pci/l)	-3.33	2.87	3.29	14	U	2	11-Jun-07	12:53
MW102D	Cs-134 (pci/l)	0.635	2.54	3.87	14	U	2	12-Jun-07	02:05
MW102S	Cs-134 (pci/l)	-1.32	3.28	4.83	14	U	2	11-Jun-07	02:23
MW103A	Cs-134 (pci/l)	-4.89	3.83	5.83	14	U	2	12-Jun-07	09:19
MW103B	Cs-134 (pci/l)	-2.21	4.45	7.09	14	U	2	12-Jun-07	09:19
MWR103D	Cs-134 (pci/l)	0.437	4.58	7.74	14	U	2	12-Jun-07	09:18
MWR103S	Cs-134 (pci/l)	0.243	3.93	6.75	14	U	2	11-Jun-07	02:55
MWR105D	Cs-134 (pci/l)	-1.49	2.56	3.71	14	U	2	12-Jun-07	09:21
MWR105S	Cs-134 (pci/l)	-0.727	2.33	3.86	14	U	2	12-Jun-07	09:20
MWR106D	Cs-134 (pci/l)	0.452	3.96	6.81	14	U	2	13-Jun-07	09:28
MWR106D Duplicate	Cs-134 (pci/l)	0.633	3.69	5.81	14	U	2	13-Jun-07	09:28
MW106S	Cs-134 (pci/l)	2.43	3.04	5.38	14	U	2	12-Jun-07	03:16
MW107D	Cs-134 (pci/l)	-2.08	4.17	6.51	14	U	2	11-Jun-07	02:22
MW107S	Cs-134 (pci/l)	-1.09	2.89	3.94	14	U	2	11-Jun-07	02:21
MW108	Cs-134 (pci/l)	-0.268	3.01	4.39	14	U	2	12-Jun-07	02:04
MW109D	Cs-134 (pci/l)	2.24	2.43	4.14	14	U	2	9-Jun-07	11:12
MW109S	Cs-134 (pci/l)	-0.979	1.94	3.15	14	U	2	9-Jun-07	11:13
MW110D	Cs-134 (pci/l)	0.339	3.35	5.62	14	U	2	13-Jun-07	01:43
MW110S	Cs-134 (pci/l)	0.517	1.35	2.3	14	U	2	12-Jun-07	07:32
MW112	Cs-134 (pci/l)	-0.382	1.45	2.4	14	U	2	12-Jun-07	07:32
MW113	Cs-134 (pci/l)	0.634	2.52	4.38	14	U	2	12-Jun-07	02:04
MW117	Cs-134 (pci/l)	-3.02	2.73	3.98	14	U	2	12-Jun-07	02:03
MW118A-3	Cs-134 (pci/l)	-0.539	2.58	4.34	14	U	2	13-Jun-07	01:45
MW118A-3 Duplicate	Cs-134 (pci/l)	-0.194	2.85	3.65	14	U	2	13-Jun-07	01:45
MW118A-4	Cs-134 (pci/l)	-1.11	2.47	3.38	14	U	2	13-Jun-07	01:43
MW118A-5	Cs-134 (pci/l)	1.2	2.76	4.87	14	U	2	13-Jun-07	01:43
MW119-2	Cs-134 (pci/l)	-2.64	8.37	11.5	14	U	2	9-Jun-07	11:22
MW119-4	Cs-134 (pci/l)	-0.249	2.5	4.21	14	U	2	9-Jun-07	11:21
MW119-5	Cs-134 (pci/l)	1.52	5.76	9.92	14	U	2	9-Jun-07	11:16
MW119-6	Cs-134 (pci/l)	2.55	2.57	4.75	14	U	2	11-Jun-07	02:24
MW120-1	Cs-134 (pci/l)	0.876	1.99	3.45	14	U	2	9-Jun-07	11:16
MW120-2	Cs-134 (pci/l)	-2.44	3.12	4.86	14	U	2	12-Jun-07	09:38
MW120-3	Cs-134 (pci/l)	0.423	2.45	3.48	14	U	2	12-Jun-07	02:05
MW120-4	Cs-134 (pci/l)	0.541	2.33	3.94	14	U	2	13-Jun-07	09:17
MW120-5	Cs-134 (pci/l)	-2.24	3.22	3.82	14	U	2	13-Jun-07	09:17
MW121A-2	Cs-134 (pci/l)	1.23	2.03	3.62	14	U	2	11-Jun-07	02:24
MW121A-3	Cs-134 (pci/l)	-0.329	2.52	4.24	14	U	2	11-Jun-07	02:25
MW121A-4	Cs-134 (pci/l)	1.36	1.94	3.46	14	U	2	11-Jun-07	02:25
MW121A-5	Cs-134 (pci/l)	0.602	2.07	3.63	14	U	2	12-Jun-07	09:37
MWR122D	Cs-134 (pci/l)	1.94	1.87	3.51	14	U	2	11-Jun-07	02:23

NOTES:

Bold results are greater than 2-sigma TPU and the sample MDC.

Gray results are greater than 2-sigma TPU and less than the sample MDC.

See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
MWR122S	Cs-134 (pci/l)	1.17	2.43	4.32	14	U	2	11-Jun-07	02:22
MW123	Cs-134 (pci/l)	-1.52	6.67	11	14	U	2	13-Jun-07	09:16
MW124	Cs-134 (pci/l)	-1.34	3.31	5.31	14	U	2	12-Jun-07	09:36
MW125	Cs-134 (pci/l)	-0.232	2.63	4.4	14	U	2	12-Jun-07	09:19
MW130	Cs-134 (pci/l)	-0.113	3.11	5.29	14	U	2	9-Jun-07	11:21
MW131D	Cs-134 (pci/l)	1.17	3.59	6.13	14	U	2	9-Jun-07	11:01
MW131S	Cs-134 (pci/l)	-2.78	3.2	4.85	14	U	2	9-Jun-07	11:00
MW132D	Cs-134 (pci/l)	-2.54	2.97	4.52	14	U	2	11-Jun-07	02:21
MW132S	Cs-134 (pci/l)	1.38	2.32	4.09	14	U	2	12-Jun-07	02:02
MW132S Duplicate	Cs-134 (pci/l)	-3.96	3.13	3.21	14	U	2	12-Jun-07	02:03
MW133	Cs-134 (pci/l)	-2	3.07	4.8	14	U	2	9-Jun-07	11:01
MW134	Cs-134 (pci/l)	-0.366	3.21	4.16	14	U	2	12-Jun-07	09:20
MW135	Cs-134 (pci/l)	-1.34	1.99	3.2	14	U	2	12-Jun-07	06:31
MW136D	Cs-134 (pci/l)	0.0722	3.04	5.13	14	U	2	12-Jun-07	03:16
MW136S	Cs-134 (pci/l)	2.11	2.3	4.15	14	U	2	9-Jun-07	11:12
MW137	Cs-134 (pci/l)	0.627	2.57	4.35	14	U	2	12-Jun-07	02:06
MW138	Cs-134 (pci/l)	1.92	3.39	4.9	14	U	2	13-Jun-07	01:42
MW138 Duplicate	Cs-134 (pci/l)	3.06	2.49	4.26	14	U	2	13-Jun-07	01:42
MW139	Cs-134 (pci/l)	0.0013	3.5	5.96	14	U	2	13-Jun-07	09:28
MW140	Cs-134 (pci/l)	1.6	4.07	6.8	14	U	2	13-Jun-07	11:26
MW508D	Cs-134 (pci/l)	0.317	2.26	3.92	14	U	2	9-Jun-07	11:21
MW508S	Cs-134 (pci/l)	0.404	2.39	4.14	14	U	2	9-Jun-07	11:02
AST5	Cs-137 (pci/l)	0.459	2.12	3.64	15	U	2	12-Jun-07	09:38
AT1	Cs-137 (pci/l)	0.143	2.46	4.18	15	U	2	13-Jun-07	09:16
MW100D	Cs-137 (pci/l)	-0.125	4.18	6.02	15	U	2	8-Jun-07	06:47
MW100S	Cs-137 (pci/l)	2.42	3.89	6.01	15	U	2	8-Jun-07	06:47
MW101D	Cs-137 (pci/l)	0.658	2.94	4.42	15	U	2	9-Jun-07	11:27
MW101S	Cs-137 (pci/l)	2.29	2	4.17	15	U	2	11-Jun-07	12:53
MW102D	Cs-137 (pci/l)	-0.933	2.46	3.3	15	U	2	12-Jun-07	02:05
MW102S	Cs-137 (pci/l)	0.539	3.27	4.86	15	U	2	11-Jun-07	02:23
MW103A	Cs-137 (pci/l)	1.13	3.55	5.38	15	U	2	12-Jun-07	09:19
MW103B	Cs-137 (pci/l)	1.71	4.44	6.63	15	U	2	12-Jun-07	09:19
MWR103D	Cs-137 (pci/l)	4.72	5.52	7.28	15	U	2	12-Jun-07	09:18
MWR103S	Cs-137 (pci/l)	3.99	4.8	5.91	15	U	2	11-Jun-07	02:55
MWR105D	Cs-137 (pci/l)	1.2	1.98	3.49	15	U	2	12-Jun-07	09:21
MWR105S	Cs-137 (pci/l)	-0.227	2.44	3.76	15	U	2	12-Jun-07	09:20
MWR106D	Cs-137 (pci/l)	0	4.94	5.76	15	UI	2	13-Jun-07	09:28
MWR106D Duplicate	Cs-137 (pci/l)	2.01	3.33	5.13	15	U	2	13-Jun-07	09:28
MW106S	Cs-137 (pci/l)	-0.306	3.08	4.48	15	U	2	12-Jun-07	03:16
MW107D	Cs-137 (pci/l)	-0.771	4.27	6.06	15	U	2	11-Jun-07	02:22
MW107S	Cs-137 (pci/l)	-0.00168	2.52	3.71	15	U	2	11-Jun-07	02:21
MW108	Cs-137 (pci/l)	1.4	2.86	4.33	15	U	2	12-Jun-07	02:04
MW109D	Cs-137 (pci/l)	-0.491	2.26	3.69	15	U	2	9-Jun-07	11:12
MW109S	Cs-137 (pci/l)	1.76	2.08	3.68	15	U	2	9-Jun-07	11:13
MW110D	Cs-137 (pci/l)	-2.83	3.07	4.79	15	U	2	13-Jun-07	01:43
MW110S	Cs-137 (pci/l)	-0.346	1.42	2.05	15	U	2	12-Jun-07	07:32
MW112	Cs-137 (pci/l)	1.49	1.66	2.58	15	U	2	12-Jun-07	07:32
MW113	Cs-137 (pci/l)	0.245	2.53	4.2	15	U	2	12-Jun-07	02:04
MW117	Cs-137 (pci/l)	-0.666	2.35	3.83	15	U	2	12-Jun-07	02:03
MW118A-3	Cs-137 (pci/l)	-1.1	2.85	3.85	15	U	2	13-Jun-07	01:45
MW118A-3 Duplicate	Cs-137 (pci/l)	-0.772	2.3	3.77	15	U	2	13-Jun-07	01:45
MW118A-4	Cs-137 (pci/l)	1.29	1.62	3.27	15	U	2	13-Jun-07	01:43
MW118A-5	Cs-137 (pci/l)	1.75	3.02	4.58	15	U	2	13-Jun-07	01:43
MW119-2	Cs-137 (pci/l)	0	7.6	11.5	15	UI	2	9-Jun-07	11:22
MW119-4	Cs-137 (pci/l)	3.22	2.26	4.73	15	U	2	9-Jun-07	11:21
MW119-5	Cs-137 (pci/l)	4.18	6.12	8.91	15	U	2	9-Jun-07	11:16
MW119-6	Cs-137 (pci/l)	1	2.36	4.05	15	U	2	11-Jun-07	02:24
MW120-1	Cs-137 (pci/l)	0.00223	1.87	3.12	15	U	2	9-Jun-07	11:16
MW120-2	Cs-137 (pci/l)	0.7	3.23	4.78	15	U	2	12-Jun-07	09:38
MW120-3	Cs-137 (pci/l)	1.62	1.95	3.53	15	U	2	12-Jun-07	02:05
MW120-4	Cs-137 (pci/l)	-0.854	2.09	3.33	15	U	2	13-Jun-07	09:17
MW120-5	Cs-137 (pci/l)	-3.08	2.21	3.17	15	U	2	13-Jun-07	09:17
MW121A-2	Cs-137 (pci/l)	0.774	3.17	3.42	15	U	2	11-Jun-07	02:24
MW121A-3	Cs-137 (pci/l)	-1.69	2.64	4.02	15	U	2	11-Jun-07	02:25
MW121A-4	Cs-137 (pci/l)	-1.42	1.83	2.8	15	U	2	11-Jun-07	02:25

NOTES:

Bold results are greater than 2-sigma TPU and the sample MDC.

Gray results are greater than 2-sigma TPU and less than the sample MDC.

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June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
MW121A-5	Cs-137 (pci/l)	-1.86	2.08	3.14	15	U	2	12-Jun-07	09:37
MWR122D	Cs-137 (pci/l)	0	8.53	3.22	15	UI	2	11-Jun-07	02:23
MWR122S	Cs-137 (pci/l)	0.0356	2.43	4.01	15	U	2	11-Jun-07	02:22
MW123	Cs-137 (pci/l)	6.92	6.55	10.1	15	U	2	13-Jun-07	09:16
MW124	Cs-137 (pci/l)	0.869	3.13	5.37	15	U	2	12-Jun-07	09:36
MW125	Cs-137 (pci/l)	0.102	2.87	4.06	15	U	2	12-Jun-07	09:19
MW130	Cs-137 (pci/l)	-0.833	3.42	4.73	15	U	2	9-Jun-07	11:21
MW131D	Cs-137 (pci/l)	0.741	4.08	5.57	15	U	2	9-Jun-07	11:01
MW131S	Cs-137 (pci/l)	-0.498	4.74	4.45	15	U	2	9-Jun-07	11:00
MW132D	Cs-137 (pci/l)	1.25	3.2	4.83	15	U	2	11-Jun-07	02:21
MW132S	Cs-137 (pci/l)	0.261	2.3	3.88	15	U	2	12-Jun-07	02:02
MW132S Duplicate	Cs-137 (pci/l)	0.21	2.4	4.09	15	U	2	12-Jun-07	02:03
MW133	Cs-137 (pci/l)	-3.48	3.03	4.6	15	U	2	9-Jun-07	11:01
MW134	Cs-137 (pci/l)	-0.714	2.33	3.83	15	U	2	12-Jun-07	09:20
MW135	Cs-137 (pci/l)	1.64	2.01	3.05	15	U	2	12-Jun-07	06:31
MW136D	Cs-137 (pci/l)	1.81	2.4	5.31	15	U	2	12-Jun-07	03:16
MW136S	Cs-137 (pci/l)	-0.438	2.3	3.81	15	U	2	9-Jun-07	11:12
MW137	Cs-137 (pci/l)	0[d]	5.11	4.16	15	UI	2	12-Jun-07	02:06
MW137 Reanalysis	Cs-137 (pci/l)	**23.9**	3.02	1.93	15		2	27-Jun-07	05:56
MW138	Cs-137 (pci/l)	1.88	2.97	4.69	15	U	2	13-Jun-07	01:42
MW138 Duplicate	Cs-137 (pci/l)	2.09	2.94	4.62	15	U	2	13-Jun-07	01:42
MW139	Cs-137 (pci/l)	-1.41	3.87	5.29	15	U	2	13-Jun-07	09:28
MW140	Cs-137 (pci/l)	1.28	4.08	6.02	15	U	2	13-Jun-07	11:26
MW508D	Cs-137 (pci/l)	-0.571	2.08	3.33	15	U	2	9-Jun-07	11:21
MW508S	Cs-137 (pci/l)	-0.952	2.79	3.79	15	U	2	9-Jun-07	11:02
AST5	Eu-152 (pci/l)	1.19	6.75	11.3	50	U	2	12-Jun-07	09:38
AT1	Eu-152 (pci/l)	-4.3	7.01	10.8	50	U	2	13-Jun-07	09:16
MW100D	Eu-152 (pci/l)	5.68	12.3	20.7	50	U	2	8-Jun-07	06:47
MW100S	Eu-152 (pci/l)	-1.28	12.8	19.2	50	U	2	8-Jun-07	06:47
MW101D	Eu-152 (pci/l)	-0.0879	8.15	13.7	50	U	2	9-Jun-07	11:27
MW101S	Eu-152 (pci/l)	-2.23	9.45	12.5	50	U	2	11-Jun-07	12:53
MW102D	Eu-152 (pci/l)	1.69	7.4	11.6	50	U	2	12-Jun-07	02:05
MW102S	Eu-152 (pci/l)	-4.87	9.53	15.4	50	U	2	11-Jun-07	02:23
MW103A	Eu-152 (pci/l)	3.77	10.9	18.5	50	U	2	12-Jun-07	09:19
MW103B	Eu-152 (pci/l)	-2.4	14	22.9	50	U	2	12-Jun-07	09:19
MWR103D	Eu-152 (pci/l)	6.1	17.6	25.6	50	U	2	12-Jun-07	09:18
MWR103S	Eu-152 (pci/l)	13.9	13.2	22.6	50	U	2	11-Jun-07	02:55
MWR105D	Eu-152 (pci/l)	0.801	6.91	10.5	50	U	2	12-Jun-07	09:21
MWR105S	Eu-152 (pci/l)	-1.77	6.99	11.8	50	U	2	12-Jun-07	09:20
MWR106D	Eu-152 (pci/l)	5.05	13.2	21.6	50	U	2	13-Jun-07	09:28
MWR106D Duplicate	Eu-152 (pci/l)	0.838	12.3	18.8	50	U	2	13-Jun-07	09:28
MW106S	Eu-152 (pci/l)	-4.69	8.28	13.5	50	U	2	12-Jun-07	03:16
MW107D	Eu-152 (pci/l)	6.98	15.1	23.2	50	U	2	11-Jun-07	02:22
MW107S	Eu-152 (pci/l)	4.41	7.53	12.7	50	U	2	11-Jun-07	02:21
MW108	Eu-152 (pci/l)	-9.29	7.75	12.3	50	U	2	12-Jun-07	02:04
MW109D	Eu-152 (pci/l)	-3.47	8.25	11.4	50	U	2	9-Jun-07	11:12
MW109S	Eu-152 (pci/l)	1.47	5.73	9.92	50	U	2	9-Jun-07	11:13
MW110D	Eu-152 (pci/l)	5.55	14.5	16.7	50	U	2	13-Jun-07	01:43
MW110S	Eu-152 (pci/l)	-1.77	3.72	6.15	50	U	2	12-Jun-07	07:32
MW112	Eu-152 (pci/l)	-3.3	5.76	8.04	50	U	2	12-Jun-07	07:32
MW113	Eu-152 (pci/l)	4.73	7.9	13.2	50	U	2	12-Jun-07	02:04
MW117	Eu-152 (pci/l)	6.78	7.83	12.9	50	U	2	12-Jun-07	02:03
MW118A-3	Eu-152 (pci/l)	-0.744	8.24	12	50	U	2	13-Jun-07	01:45
MW118A-3 Duplicate	Eu-152 (pci/l)	0.405	7.45	11.9	50	U	2	13-Jun-07	01:45
MW118A-4	Eu-152 (pci/l)	-0.879	6.38	10.8	50	U	2	13-Jun-07	01:43
MW118A-5	Eu-152 (pci/l)	-2.27	9.62	14.1	50	U	2	13-Jun-07	01:43
MW119-2	Eu-152 (pci/l)	-5.17	27.2	38.7	50	U	2	9-Jun-07	11:22
MW119-4	Eu-152 (pci/l)	-7.38	7.72	12.5	50	U	2	9-Jun-07	11:21
MW119-5	Eu-152 (pci/l)	-12	21	33.6	50	U	2	9-Jun-07	11:16
MW119-6	Eu-152 (pci/l)	-5.21	6.52	10.3	50	U	2	11-Jun-07	02:24
MW120-1	Eu-152 (pci/l)	-0.967	5.19	8.59	50	U	2	9-Jun-07	11:16
MW120-2	Eu-152 (pci/l)	-2.51	9.72	16.1	50	U	2	12-Jun-07	09:38
MW120-3	Eu-152 (pci/l)	-0.597	6.02	9.52	50	U	2	12-Jun-07	02:05
MW120-4	Eu-152 (pci/l)	4.16	6.68	10.3	50	U	2	13-Jun-07	09:17
MW120-5	Eu-152 (pci/l)	-0.0675	6.89	11.6	50	U	2	13-Jun-07	09:17

NOTES:

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June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
MW121A-2	Eu-152 (pci/l)	-0.873	6.59	9.53	50	U	2	11-Jun-07	02:24
MW121A-3	Eu-152 (pci/l)	-4.58	5.73	9.22	50	U	2	11-Jun-07	02:25
MW121A-4	Eu-152 (pci/l)	-0.581	5.87	10	50	U	2	11-Jun-07	02:25
MW121A-5	Eu-152 (pci/l)	-0.981	5.83	9.85	50	U	2	12-Jun-07	09:37
MWR122D	Eu-152 (pci/l)	-4.76	5.91	9.28	50	U	2	11-Jun-07	02:23
MWR122S	Eu-152 (pci/l)	2.69	7.06	12	50	U	2	11-Jun-07	02:22
MW123	Eu-152 (pci/l)	-11.6	22.2	35.7	50	U	2	13-Jun-07	09:16
MW124	Eu-152 (pci/l)	2.34	11.4	16.5	50	U	2	12-Jun-07	09:36
MW125	Eu-152 (pci/l)	-1.56	9.14	12.1	50	U	2	12-Jun-07	09:19
MW130	Eu-152 (pci/l)	-0.199	7.77	13.3	50	U	2	9-Jun-07	11:21
MW131D	Eu-152 (pci/l)	6.26	11.6	19.9	50	U	2	9-Jun-07	11:01
MW131S	Eu-152 (pci/l)	4.22	8.29	15.3	50	U	2	9-Jun-07	11:00
MW132D	Eu-152 (pci/l)	7.54	9.59	16.1	50	U	2	11-Jun-07	02:21
MW132S	Eu-152 (pci/l)	-4.85	7.11	11.1	50	U	2	12-Jun-07	02:02
MW132S Duplicate	Eu-152 (pci/l)	-3.57	7.17	11.6	50	U	2	12-Jun-07	02:03
MW133	Eu-152 (pci/l)	2.6	10.9	16.5	50	U	2	9-Jun-07	11:01
MW134	Eu-152 (pci/l)	-1.68	7.44	12.3	50	U	2	12-Jun-07	09:20
MW135	Eu-152 (pci/l)	-4.11	7.3	10.2	50	U	2	12-Jun-07	06:31
MW136D	Eu-152 (pci/l)	-5.02	11.3	15.7	50	U	2	12-Jun-07	03:16
MW136S	Eu-152 (pci/l)	6.27	8.24	11.3	50	U	2	9-Jun-07	11:12
MW137	Eu-152 (pci/l)	2.67	8.31	14.1	50	U	2	12-Jun-07	02:06
MW138	Eu-152 (pci/l)	4.35	7.96	13.4	50	U	2	13-Jun-07	01:42
MW138 Duplicate	Eu-152 (pci/l)	-2.78	7.66	12.3	50	U	2	13-Jun-07	01:42
MW139	Eu-152 (pci/l)	5.48	11.8	18.7	50	U	2	13-Jun-07	09:28
MW140	Eu-152 (pci/l)	12.9	15.5	22.9	50	U	2	13-Jun-07	11:26
MW508D	Eu-152 (pci/l)	-4.81	7.24	10.3	50	U	2	9-Jun-07	11:21
MW508S	Eu-152 (pci/l)	-0.979	7.93	12.5	50	U	2	9-Jun-07	11:02
AST5	Eu-154 (pci/l)	-4.84	6.45	8.86	50	U	2	12-Jun-07	09:38
AT1	Eu-154 (pci/l)	-1.8	6.19	10.1	50	U	2	13-Jun-07	09:16
MW100D	Eu-154 (pci/l)	-3.64	11	17.8	50	U	2	8-Jun-07	06:47
MW100S	Eu-154 (pci/l)	1.95	10.3	15.5	50	U	2	8-Jun-07	06:47
MW101D	Eu-154 (pci/l)	7.02	8.72	14.1	50	U	2	9-Jun-07	11:27
MW101S	Eu-154 (pci/l)	-6.56	7.66	11.7	50	U	2	11-Jun-07	12:53
MW102D	Eu-154 (pci/l)	3.8	5.95	10.7	50	U	2	12-Jun-07	02:05
MW102S	Eu-154 (pci/l)	-3.56	8.36	12.9	50	U	2	11-Jun-07	02:23
MW103A	Eu-154 (pci/l)	6.14	11.5	17.6	50	U	2	12-Jun-07	09:19
MW103B	Eu-154 (pci/l)	-3.22	13.8	19.2	50	U	2	12-Jun-07	09:19
MWR103D	Eu-154 (pci/l)	-1.7	14.1	20.4	50	U	2	12-Jun-07	09:18
MWR103S	Eu-154 (pci/l)	11.5	12.9	20.3	50	U	2	11-Jun-07	02:55
MWR105D	Eu-154 (pci/l)	-4.85	5.64	8.14	50	U	2	12-Jun-07	09:21
MWR105S	Eu-154 (pci/l)	0.888	8.21	12.1	50	U	2	12-Jun-07	09:20
MWR106D	Eu-154 (pci/l)	5.81	10.1	17.1	50	U	2	13-Jun-07	09:28
MWR106D Duplicate	Eu-154 (pci/l)	5.78	9.78	15.3	50	U	2	13-Jun-07	09:28
MW106S	Eu-154 (pci/l)	3.4	8.41	13.4	50	U	2	12-Jun-07	03:16
MW107D	Eu-154 (pci/l)	3.16	12.8	18.6	50	U	2	11-Jun-07	02:22
MW107S	Eu-154 (pci/l)	-3.76	7.09	11.1	50	U	2	11-Jun-07	02:21
MW108	Eu-154 (pci/l)	4.1	8.24	13.3	50	U	2	12-Jun-07	02:04
MW109D	Eu-154 (pci/l)	0.441	5.98	10	50	U	2	9-Jun-07	11:12
MW109S	Eu-154 (pci/l)	2.81	5.76	10.2	50	U	2	9-Jun-07	11:13
MW110D	Eu-154 (pci/l)	-0.213	9.21	13.2	50	U	2	13-Jun-07	01:43
MW110S	Eu-154 (pci/l)	-2.26	3.75	5.99	50	U	2	12-Jun-07	07:32
MW112	Eu-154 (pci/l)	0.0484	7.94	6.88	50	U	2	12-Jun-07	07:32
MW113	Eu-154 (pci/l)	-5.1	6.86	10.1	50	U	2	12-Jun-07	02:04
MW117	Eu-154 (pci/l)	-0.914	6.75	11.2	50	U	2	12-Jun-07	02:03
MW118A-3	Eu-154 (pci/l)	4.64	6.94	11.5	50	U	2	13-Jun-07	01:45
MW118A-3 Duplicate	Eu-154 (pci/l)	-2	6.33	10.3	50	U	2	13-Jun-07	01:45
MW118A-4	Eu-154 (pci/l)	-1.51	6.85	9.53	50	U	2	13-Jun-07	01:43
MW118A-5	Eu-154 (pci/l)	3.85	7.74	11.9	50	U	2	13-Jun-07	01:43
MW119-2	Eu-154 (pci/l)	-2.14	23.7	33.6	50	U	2	9-Jun-07	11:22
MW119-4	Eu-154 (pci/l)	0.811	7.43	12.4	50	U	2	9-Jun-07	11:21
MW119-5	Eu-154 (pci/l)	13.5	16.5	27	50	U	2	9-Jun-07	11:16
MW119-6	Eu-154 (pci/l)	1.9	6.22	10.8	50	U	2	11-Jun-07	02:24
MW120-1	Eu-154 (pci/l)	1.8	6.42	9.82	50	U	2	9-Jun-07	11:16
MW120-2	Eu-154 (pci/l)	-2.56	9.55	13.4	50	U	2	12-Jun-07	09:38
MW120-3	Eu-154 (pci/l)	1.02	5.54	9.61	50	U	2	12-Jun-07	02:05

NOTES:

Bold results are greater than 2-sigma TPU and the sample MDC.

Gray results are greater than 2-sigma TPU and less than the sample MDC.

See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
MW120-4	Eu-154 (pci/l)	1.75	6.4	9.72	50	U	2	13-Jun-07	09:17
MW120-5	Eu-154 (pci/l)	4.39	7.42	12.6	50	U	2	13-Jun-07	09:17
MW121A-2	Eu-154 (pci/l)	-2.32	6.41	8.46	50	U	2	11-Jun-07	02:24
MW121A-3	Eu-154 (pci/l)	-3.44	7.36	11.2	50	U	2	11-Jun-07	02:25
MW121A-4	Eu-154 (pci/l)	2.08	5.6	8.79	50	U	2	11-Jun-07	02:25
MW121A-5	Eu-154 (pci/l)	1.76	5.22	9.08	50	U	2	12-Jun-07	09:37
MWR122D	Eu-154 (pci/l)	0.258	4.97	8.33	50	U	2	11-Jun-07	02:23
MWR122S	Eu-154 (pci/l)	-0.454	6.53	10.6	50	U	2	11-Jun-07	02:22
MW123	Eu-154 (pci/l)	21.1	22	33.5	50	U	2	13-Jun-07	09:16
MW124	Eu-154 (pci/l)	-4.38	9.18	14.7	50	U	2	12-Jun-07	09:36
MW125	Eu-154 (pci/l)	-6.17	7.51	11.4	50	U	2	12-Jun-07	09:19
MW130	Eu-154 (pci/l)	5.3	8.71	15.3	50	U	2	9-Jun-07	11:21
MW131D	Eu-154 (pci/l)	-2.76	11.8	16.5	50	U	2	9-Jun-07	11:01
MW131S	Eu-154 (pci/l)	3.7	7.78	13.7	50	U	2	9-Jun-07	11:00
MW132D	Eu-154 (pci/l)	0.458	9.16	15.6	50	U	2	11-Jun-07	02:21
MW132S	Eu-154 (pci/l)	3.9	7.21	12.8	50	U	2	12-Jun-07	02:02
MW132S Duplicate	Eu-154 (pci/l)	-8.91	8.91	9.32	50	U	2	12-Jun-07	02:03
MW133	Eu-154 (pci/l)	3.97	8.44	15	50	U	2	9-Jun-07	11:01
MW134	Eu-154 (pci/l)	-3.87	6.09	9.2	50	U	2	12-Jun-07	09:20
MW135	Eu-154 (pci/l)	-0.316	6.14	8.82	50	U	2	12-Jun-07	06:31
MW136D	Eu-154 (pci/l)	-5.64	8.45	13.4	50	U	2	12-Jun-07	03:16
MW136S	Eu-154 (pci/l)	-5.09	6.7	10.3	50	U	2	9-Jun-07	11:12
MW137	Eu-154 (pci/l)	-5.12	8.64	11.4	50	U	2	12-Jun-07	02:06
MW138	Eu-154 (pci/l)	-6.6	9.08	11.3	50	U	2	13-Jun-07	01:42
MW138 Duplicate	Eu-154 (pci/l)	2.35	7.26	12.6	50	U	2	13-Jun-07	01:42
MW139	Eu-154 (pci/l)	-0.956	11.2	15.5	50	U	2	13-Jun-07	09:28
MW140	Eu-154 (pci/l)	1.25	12.2	17.5	50	U	2	13-Jun-07	11:26
MW508D	Eu-154 (pci/l)	0.975	6.47	11	50	U	2	9-Jun-07	11:21
MW508S	Eu-154 (pci/l)	-3.5	6.86	10.8	50	U	2	9-Jun-07	11:02
AST5	Eu-155 (pci/l)	6.07	8.1	14.4	50	U	2	12-Jun-07	09:38
AT1	Eu-155 (pci/l)	5.35	8.87	15.6	50	U	2	13-Jun-07	09:16
MW100D	Eu-155 (pci/l)	-9.83	16.7	26.6	50	U	2	8-Jun-07	06:47
MW100S	Eu-155 (pci/l)	3.42	14.4	24.9	50	U	2	8-Jun-07	06:47
MW101D	Eu-155 (pci/l)	2.72	10.6	18	50	U	2	9-Jun-07	11:27
MW101S	Eu-155 (pci/l)	-5.09	9.75	16.4	50	U	2	11-Jun-07	12:53
MW102D	Eu-155 (pci/l)	3.87	8.58	14.4	50	U	2	12-Jun-07	02:05
MW102S	Eu-155 (pci/l)	0.954	11.9	20.7	50	U	2	11-Jun-07	02:23
MW103A	Eu-155 (pci/l)	-0.147	14.3	23.5	50	U	2	12-Jun-07	09:19
MW103B	Eu-155 (pci/l)	9.4	19.1	31.5	50	U	2	12-Jun-07	09:19
MWR103D	Eu-155 (pci/l)	-5.63	19.2	32.7	50	U	2	12-Jun-07	09:18
MWR103S	Eu-155 (pci/l)	-19.5	17.6	28.9	50	U	2	11-Jun-07	02:55
MWR105D	Eu-155 (pci/l)	1.99	8.48	13.8	50	U	2	12-Jun-07	09:21
MWR105S	Eu-155 (pci/l)	10.2	9.17	16.1	50	U	2	12-Jun-07	09:20
MWR106D	Eu-155 (pci/l)	0.669	16.5	27.8	50	U	2	13-Jun-07	09:28
MWR106D Duplicate	Eu-155 (pci/l)	-11.9	13.3	22.5	50	U	2	13-Jun-07	09:28
MW106S	Eu-155 (pci/l)	-0.187	11.2	18	50	U	2	12-Jun-07	03:16
MW107D	Eu-155 (pci/l)	10.4	18.4	30.1	50	U	2	11-Jun-07	02:22
MW107S	Eu-155 (pci/l)	1.14	10.2	16.4	50	U	2	11-Jun-07	02:21
MW108	Eu-155 (pci/l)	7.16	9.97	17.2	50	U	2	12-Jun-07	02:04
MW109D	Eu-155 (pci/l)	3.15	9.01	14.8	50	U	2	9-Jun-07	11:12
MW109S	Eu-155 (pci/l)	0.281	7.65	12.9	50	U	2	9-Jun-07	11:13
MW110D	Eu-155 (pci/l)	-7.08	12.8	21.4	50	U	2	13-Jun-07	01:43
MW110S	Eu-155 (pci/l)	0.171	6.05	8.51	50	U	2	12-Jun-07	07:32
MW112	Eu-155 (pci/l)	2.89	5.94	10.3	50	U	2	12-Jun-07	07:32
MW113	Eu-155 (pci/l)	-3.49	9.52	16	50	U	2	12-Jun-07	02:04
MW117	Eu-155 (pci/l)	3.51	9.42	16.3	50	U	2	12-Jun-07	02:03
MW118A-3	Eu-155 (pci/l)	8.41	9.52	16.2	50	U	2	13-Jun-07	01:45
MW118A-3 Duplicate	Eu-155 (pci/l)	-2.96	8.9	15.2	50	U	2	13-Jun-07	01:45
MW118A-4	Eu-155 (pci/l)	2.23	9.35	14.1	50	U	2	13-Jun-07	01:43
MW118A-5	Eu-155 (pci/l)	-5.71	13.2	19.4	50	U	2	13-Jun-07	01:43
MW119-2	Eu-155 (pci/l)	0.3	28.8	48.4	50	U	2	9-Jun-07	11:22
MW119-4	Eu-155 (pci/l)	0.611	10.1	17.3	50	U	2	9-Jun-07	11:21
MW119-5	Eu-155 (pci/l)	-7.38	29.4	43.4	50	U	2	9-Jun-07	11:16
MW119-6	Eu-155 (pci/l)	6.09	6.96	12.1	50	U	2	11-Jun-07	02:24
MW120-1	Eu-155 (pci/l)	-6	6.71	10.8	50	U	2	9-Jun-07	11:16

NOTES:

Bold results are greater than 2-sigma TPU and the sample MDC.

Gray results are greater than 2-sigma TPU and less than the sample MDC.

See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
MW120-2	Eu-155 (pci/l)	-12.1	12.6	20.8	50	U	2	12-Jun-07	09:38
MW120-3	Eu-155 (pci/l)	3	6.95	12.2	50	U	2	12-Jun-07	02:05
MW120-4	Eu-155 (pci/l)	0.6	8.78	14.4	50	U	2	13-Jun-07	09:17
MW120-5	Eu-155 (pci/l)	3.06	8.69	14.7	50	U	2	13-Jun-07	09:17
MW121A-2	Eu-155 (pci/l)	-0.25	8.29	11.9	50	U	2	11-Jun-07	02:24
MW121A-3	Eu-155 (pci/l)	5	5.61	9.95	50	U	2	11-Jun-07	02:25
MW121A-4	Eu-155 (pci/l)	7.86	7.29	12.8	50	U	2	11-Jun-07	02:25
MW121A-5	Eu-155 (pci/l)	0.52	7.59	12.8	50	U	2	12-Jun-07	09:37
MWR122D	Eu-155 (pci/l)	-1.99	7.06	11.8	50	U	2	11-Jun-07	02:23
MWR122S	Eu-155 (pci/l)	-1.45	9.4	16	50	U	2	11-Jun-07	02:22
MW123	Eu-155 (pci/l)	18.2	26.5	45.5	50	U	2	13-Jun-07	09:16
MW124	Eu-155 (pci/l)	11.7	13.7	21.1	50	U	2	12-Jun-07	09:36
MW125	Eu-155 (pci/l)	0.916	9.21	15.5	50	U	2	12-Jun-07	09:19
MW130	Eu-155 (pci/l)	-5.57	7.8	12.9	50	U	2	9-Jun-07	11:21
MW131D	Eu-155 (pci/l)	-4.25	15.3	25.4	50	U	2	9-Jun-07	11:01
MW131S	Eu-155 (pci/l)	-11.2	11.8	18.5	50	U	2	9-Jun-07	11:00
MW132D	Eu-155 (pci/l)	1.32	13.4	20	50	U	2	11-Jun-07	02:21
MW132S	Eu-155 (pci/l)	7.6	9.81	16.6	50	U	2	12-Jun-07	02:02
MW132S Duplicate	Eu-155 (pci/l)	-1.24	9.06	15	50	U	2	12-Jun-07	02:03
MW133	Eu-155 (pci/l)	-7.58	12.4	20.8	50	U	2	9-Jun-07	11:01
MW134	Eu-155 (pci/l)	-0.525	9.36	15.6	50	U	2	12-Jun-07	09:20
MW135	Eu-155 (pci/l)	-5.36	7.75	13.1	50	U	2	12-Jun-07	06:31
MW136D	Eu-155 (pci/l)	1.28	12.2	21	50	U	2	12-Jun-07	03:16
MW136S	Eu-155 (pci/l)	-2.11	8.03	13.8	50	U	2	9-Jun-07	11:12
MW137	Eu-155 (pci/l)	-5.37	10.8	18	50	U	2	12-Jun-07	02:06
MW138	Eu-155 (pci/l)	-4.16	10.4	17.1	50	U	2	13-Jun-07	01:42
MW138 Duplicate	Eu-155 (pci/l)	-2.1	11.8	16.9	50	U	2	13-Jun-07	01:42
MW139	Eu-155 (pci/l)	6.95	15	25.9	50	U	2	13-Jun-07	09:28
MW140	Eu-155 (pci/l)	6.16	17.3	28.3	50	U	2	13-Jun-07	11:26
MW508D	Eu-155 (pci/l)	-2.92	6.45	10.7	50	U	2	9-Jun-07	11:21
MW508S	Eu-155 (pci/l)	1.13	9.23	15.3	50	U	2	9-Jun-07	11:02
AST5	Am-241-gamma (pci/l)	-7.55	13.4	21.3	0.5	U	2	12-Jun-07	09:38
AT1	Am-241-gamma (pci/l)	2.11	17	24.5	0.5	U	2	13-Jun-07	09:16
MW100D	Am-241-gamma (pci/l)	13.1	35.4	59.5	0.5	U	2	8-Jun-07	06:47
MW100S	Am-241-gamma (pci/l)	-16	26.2	42.1	0.5	U	2	8-Jun-07	06:47
MW101D	Am-241-gamma (pci/l)	-1.58	20.1	34.7	0.5	U	2	9-Jun-07	11:27
MW101S	Am-241-gamma (pci/l)	9.99	17.8	26.3	0.5	U	2	11-Jun-07	12:53
MW102D	Am-241-gamma (pci/l)	9.79	12.4	18.5	0.5	U	2	12-Jun-07	02:05
MW102S	Am-241-gamma (pci/l)	19.3	20.3	33.7	0.5	U	2	11-Jun-07	02:23
MW103A	Am-241-gamma (pci/l)	6.77	28	43.8	0.5	U	2	12-Jun-07	09:19
MW103B	Am-241-gamma (pci/l)	-35	41.5	67.5	0.5	U	2	12-Jun-07	09:19
MWR103D	Am-241-gamma (pci/l)	-3.85	35.2	57.6	0.5	U	2	12-Jun-07	09:18
MWR103S	Am-241-gamma (pci/l)	29.6	34.4	52.7	0.5	U	2	11-Jun-07	02:55
MWR105D	Am-241-gamma (pci/l)	8.13	15.7	23.7	0.5	U	2	12-Jun-07	09:21
MWR105S	Am-241-gamma (pci/l)	-9.81	17.5	25.4	0.5	U	2	12-Jun-07	09:20
MWR106D	Am-241-gamma (pci/l)	33.2	25.9	39.9	0.5	U	2	13-Jun-07	09:28
MWR106D Duplicate	Am-241-gamma (pci/l)	10	22.9	37.9	0.5	U	2	13-Jun-07	09:28
MW106S	Am-241-gamma (pci/l)	-1.14	21	32.5	0.5	U	2	12-Jun-07	03:16
MW107D	Am-241-gamma (pci/l)	-4.91	32.1	52.7	0.5	U	2	11-Jun-07	02:22
MW107S	Am-241-gamma (pci/l)	-4.17	17.4	29.7	0.5	U	2	11-Jun-07	02:21
MW108	Am-241-gamma (pci/l)	-3.38	18.8	28	0.5	U	2	12-Jun-07	02:04
MW109D	Am-241-gamma (pci/l)	12	16.3	24.8	0.5	U	2	9-Jun-07	11:12
MW109S	Am-241-gamma (pci/l)	-10.9	9.96	16.3	0.5	U	2	9-Jun-07	11:13
MW110D	Am-241-gamma (pci/l)	-23.8	34.2	53.9	0.5	U	2	13-Jun-07	01:43
MW110S	Am-241-gamma (pci/l)	7.4	9.18	16	0.5	U	2	12-Jun-07	07:32
MW112	Am-241-gamma (pci/l)	-4	11.7	16.6	0.5	U	2	12-Jun-07	07:32
MW113	Am-241-gamma (pci/l)	-11.3	24.9	34.8	0.5	U	2	12-Jun-07	02:04
MW117	Am-241-gamma (pci/l)	11.4	28	40.9	0.5	U	2	12-Jun-07	02:03
MW118A-3	Am-241-gamma (pci/l)	9.25	15	22.5	0.5	U	2	13-Jun-07	01:45
MW118A-3 Duplicate	Am-241-gamma (pci/l)	-13.2	14.3	22.2	0.5	U	2	13-Jun-07	01:45
MW118A-4	Am-241-gamma (pci/l)	-15	14.3	21	0.5	U	2	13-Jun-07	01:43
MW118A-5	Am-241-gamma (pci/l)	3.87	30.5	44.2	0.5	U	2	13-Jun-07	01:43
MW119-2	Am-241-gamma (pci/l)	-39.4	50.3	83.2	0.5	U	2	9-Jun-07	11:22
MW119-4	Am-241-gamma (pci/l)	12.8	25.2	37.2	0.5	U	2	9-Jun-07	11:21
MW119-5	Am-241-gamma (pci/l)	0	43.1	63.5	0.5	UI	2	9-Jun-07	11:16

NOTES:

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See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
MW119-6	Am-241-gamma (pci/l)	0.938	5.24	7.97	0.5	U	2	11-Jun-07	02:24
MW120-1	Am-241-gamma (pci/l)	7.78	4.29	14.6	0.5	U	2	9-Jun-07	11:16
MW120-2	Am-241-gamma (pci/l)	-11.7	19.2	32.3	0.5	U	2	12-Jun-07	09:38
MW120-3	Am-241-gamma (pci/l)	-10.8	11.8	18.3	0.5	U	2	12-Jun-07	02:05
MW120-4	Am-241-gamma (pci/l)	0.732	17.2	28.7	0.5	U	2	13-Jun-07	09:17
MW120-5	Am-241-gamma (pci/l)	-1.05	15	22.8	0.5	U	2	13-Jun-07	09:17
MW121A-2	Am-241-gamma (pci/l)	8.62	9.9	15.3	0.5	U	2	11-Jun-07	02:24
MW121A-3	Am-241-gamma (pci/l)	4.42	4.35	7.19	0.5	U	2	11-Jun-07	02:25
MW121A-4	Am-241-gamma (pci/l)	6.16	5.07	15.8	0.5	U	2	11-Jun-07	02:25
MW121A-5	Am-241-gamma (pci/l)	-9.37	10.7	17.7	0.5	U	2	12-Jun-07	09:37
MWR122D	Am-241-gamma (pci/l)	-17.7	10.5	16.5	0.5	U	2	11-Jun-07	02:23
MWR122S	Am-241-gamma (pci/l)	-5.78	21.9	35	0.5	U	2	11-Jun-07	02:22
MW123	Am-241-gamma (pci/l)	20.4	50.8	88	0.5	U	2	13-Jun-07	09:16
MW124	Am-241-gamma (pci/l)	-17.5	33.8	54	0.5	U	2	12-Jun-07	09:36
MW125	Am-241-gamma (pci/l)	-3.68	16.2	24.4	0.5	U	2	12-Jun-07	09:19
MW130	Am-241-gamma (pci/l)	5.63	5.91	9.62	0.5	U	2	9-Jun-07	11:21
MW131D	Am-241-gamma (pci/l)	-7.82	27	45.7	0.5	U	2	9-Jun-07	11:01
MW131S	Am-241-gamma (pci/l)	18.6	29.8	37.9	0.5	U	2	9-Jun-07	11:00
MW132D	Am-241-gamma (pci/l)	-0.468	31	50.6	0.5	U	2	11-Jun-07	02:21
MW132S	Am-241-gamma (pci/l)	-15.2	20.4	32.6	0.5	U	2	12-Jun-07	02:02
MW132S Duplicate	Am-241-gamma (pci/l)	0.908	14.2	24.3	0.5	U	2	12-Jun-07	02:03
MW133	Am-241-gamma (pci/l)	-12.9	33.2	51.4	0.5	U	2	9-Jun-07	11:01
MW134	Am-241-gamma (pci/l)	-0.971	15	25.6	0.5	U	2	12-Jun-07	09:20
MW135	Am-241-gamma (pci/l)	-4.33	21.1	34.3	0.5	U	2	12-Jun-07	06:31
MW136D	Am-241-gamma (pci/l)	-3.76	22.5	36.6	0.5	U	2	12-Jun-07	03:16
MW136S	Am-241-gamma (pci/l)	-10.7	14.9	20.7	0.5	U	2	9-Jun-07	11:12
MW137	Am-241-gamma (pci/l)	-10.7	15.8	26.4	0.5	U	2	12-Jun-07	02:06
MW138	Am-241-gamma (pci/l)	6.61	18.2	28.4	0.5	U	2	13-Jun-07	01:42
MW138 Duplicate	Am-241-gamma (pci/l)	24.8	23.8	37.4	0.5	U	2	13-Jun-07	01:42
MW139	Am-241-gamma (pci/l)	32.2	34.8	57.4	0.5	U	2	13-Jun-07	09:28
MW140	Am-241-gamma (pci/l)	17.4	33.9	50.4	0.5	U	2	13-Jun-07	11:26
MW508D	Am-241-gamma (pci/l)	-11.1	4.92	7.66	0.5	U	2	9-Jun-07	11:21
MW508S	Am-241-gamma (pci/l)	15.4	14.8	22.5	0.5	U	2	9-Jun-07	11:02
QC DATA:									
QC Blank	Gross Alpha (pci/l)	0.335	0.676	1.33	3	U	0.15	8-Jun-07	03:49
QC Blank	Gross Alpha (pci/l)	0.413	0.727	1.35	3	U	0.15	8-Jun-07	02:11
QC Blank	Gross Alpha (pci/l)	-0.0504	0.503	0.888	3	U	0.15	11-Jun-07	11:31
QC Blank	Gross Alpha (pci/l)	0.83	0.878	1.33	3	U	0.15	11-Jun-07	04:56
QC Blank	Gross Alpha (pci/l)	0.125	0.559	1.24	3	U	0.15	11-Jun-07	05:12
QC Blank (Field)	Gross Alpha (pci/l)	-0.0358	0.657	1.65	3	U	0.15	12-Jun-07	01:08
QC Blank (MW118A)	Gross Alpha (pci/l)	-0.147	0.364	1.28	3	U	0.15	11-Jun-07	04:04
QC Blank (MW119)	Gross Alpha (pci/l)	0.175	0.624	1.33	3	U	0.15	8-Jun-07	02:05
QC Blank (MW120)	Gross Alpha (pci/l)	-0.11	0.647	1.62	3	U	0.15	11-Jun-07	04:44
QC Blank (MW121A)	Gross Alpha (pci/l)	-0.175	0.379	1.33	3	U	0.15	11-Jun-07	09:12
QC Blank	Gross Beta (pci/l)	0.718	1.71	3.03	4	U	0.15	8-Jun-07	03:49
QC Blank	Gross Beta (pci/l)	-0.154	1.58	2.99	4	U	0.15	8-Jun-07	02:11
QC Blank	Gross Beta (pci/l)	-0.423	1.06	1.91	4	U	0.15	11-Jun-07	11:31
QC Blank	Gross Beta (pci/l)	1.58	1.72	2.88	4	U	0.15	11-Jun-07	04:56
QC Blank	Gross Beta (pci/l)	0.0904	1.66	3.08	4	U	0.15	11-Jun-07	05:12
QC Blank (Field)	Gross Beta (pci/l)	-0.95	1.73	3.48	4	U	0.15	12-Jun-07	01:08
QC Blank (MW118A)	Gross Beta (pci/l)	0.429	1.93	3.49	4	U	0.15	11-Jun-07	04:04
QC Blank (MW119)	Gross Beta (pci/l)	-1.53	1.48	3.12	4	U	0.15	8-Jun-07	02:05
QC Blank (MW120)	Gross Beta (pci/l)	-0.6	2.12	3.98	4	U	0.15	11-Jun-07	04:44
QC Blank (MW121A)	Gross Beta (pci/l)	0.702	1.82	3.26	4	U	0.15	11-Jun-07	09:12
QC Blank	H-3 (pci/l)	-23.7	151	271	400	U	0.05	11-Jun-07	09:36
QC Blank	H-3 (pci/l)	-4.42	186	330	400	U	0.05	8-Jun-07	09:55
QC Blank	H-3 (pci/l)	98.4	180	309	400	U	0.05	12-Jun-07	09:43
QC Blank	H-3 (pci/l)	93.2	189	323	400	U	0.05	12-Jun-07	07:20
QC Blank	H-3 (pci/l)	84.6	187	322	400	U	0.05	11-Jun-07	10:04
QC Blank	H-3 (pci/l)	-107	156	290	400	U	0.05	13-Jun-07	08:22
QC Blank	H-3 (pci/l)	87.2	179	308	400	U	0.05	12-Jun-07	03:22
QC Blank	H-3 (pci/l)	-107	156	290	400	U	0.05	13-Jun-07	08:22
QC Blank (Field)	H-3 (pci/l)	-54.9	171	310	400	U	0.05	11-Jun-07	06:59
QC Blank (MW118A)	H-3 (pci/l)	70.2	179	309	400	U	0.05	11-Jun-07	11:52
QC Blank (MW119)	H-3 (pci/l)	-4.46	188	333	400	U	0.05	8-Jun-07	02:15

NOTES:

Bold results are greater than 2-sigma TPU and the sample MDC.

Gray results are greater than 2-sigma TPU and less than the sample MDC.

See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
QC Blank (MW120)	H-3 (pci/l)	-37.8	179	321	400	U	0.05	11-Jun-07	07:58
QC Blank (MW121A)	H-3 (pci/l)	88.9	187	321	400	U	0.05	11-Jun-07	09:03
QC Blank	Boron (ug/l)	**15**[b]	-	4	15	U		11-Jun-07	11:18
QC Blank	Boron (ug/l)	**15**[b]	-	4	15	U		13-Jun-07	01:05
QC Blank	Boron (ug/l)	**15**[b]	-	4	15	U		13-Jun-07	02:44
QC Blank	Boron (ug/l)	**15**[b]	-	4	15	U		13-Jun-07	04:16
QC Blank	Boron (ug/l)	**15**[b]	-	4	15	U		14-Jun-07	12:21
QC Blank (Field)	Boron (ug/l)	**15**[b]	-	4	15	U		14-Jun-07	12:43
QC Blank (MW118A)	Boron (ug/l)	**6.08**	-	4	15	J		14-Jun-07	02:22
QC Blank (MW119)	Boron (ug/l)	**6.14**	-	4	15	J		13-Jun-07	01:43
QC Blank (MW120)	Boron (ug/l)	**15**[b]	-	4	15	U		13-Jun-07	04:21
QC Blank (MW121A)	Boron (ug/l)	**15**[b]	-	4	15	U		13-Jun-07	02:54
QC Blank	Mn-54 (pci/l)	-0.374	2.09	3.46	50	U	2	11-Jun-07	12:54
QC Blank	Mn-54 (pci/l)	-0.451	2.13	3.53	50	U	2	12-Jun-07	09:21
QC Blank	Mn-54 (pci/l)	-0.902	2.09	3.27	50	U	2	12-Jun-07	03:17
QC Blank	Mn-54 (pci/l)	-0.641	2.27	3.65	50	U	2	13-Jun-07	09:18
QC Blank	Mn-54 (pci/l)	0.434	1.75	3.06	50	U	2	13-Jun-07	01:46
QC Blank (Field)	Mn-54 (pci/l)	-1.45	1.94	2.95	50	U	2	13-Jun-07	09:29
QC Blank (MW118A)	Mn-54 (pci/l)	1.38	1.62	3	50	U	2	13-Jun-07	01:44
QC Blank (MW119)	Mn-54 (pci/l)	1.57	1.59	2.98	50	U	2	11-Jun-07	02:25
QC Blank (MW120)	Mn-54 (pci/l)	0.0928	1.98	3.34	50	U	2	13-Jun-07	09:16
QC Blank (MW121A)	Mn-54 (pci/l)	-0.773	2.28	3.74	50	U	2	12-Jun-07	09:37
QC Blank	Co-60 (pci/l)	-2.33	2.11	2.9	25	U	2	11-Jun-07	12:54
QC Blank	Co-60 (pci/l)	-2.46	2.14	2.99	25	U	2	12-Jun-07	09:21
QC Blank	Co-60 (pci/l)	2.03	1.77	3.04	25	U	2	12-Jun-07	03:17
QC Blank	Co-60 (pci/l)	0.566	2.31	4.03	25	U	2	13-Jun-07	09:18
QC Blank	Co-60 (pci/l)	2.03	1.45	3.13	25	U	2	13-Jun-07	01:46
QC Blank (Field)	Co-60 (pci/l)	0.845	1.87	3.35	25	U	2	13-Jun-07	09:29
QC Blank (MW118A)	Co-60 (pci/l)	-1.5	1.74	2.45	25	U	2	13-Jun-07	01:44
QC Blank (MW119)	Co-60 (pci/l)	-0.339	2.25	3.66	25	U	2	11-Jun-07	02:25
QC Blank (MW120)	Co-60 (pci/l)	0.448	2.31	3.97	25	U	2	13-Jun-07	09:16
QC Blank (MW121A)	Co-60 (pci/l)	-0.765	3.01	4.77	25	U	2	12-Jun-07	09:37
QC Blank	Sr-90 (pci/l)	-0.206	0.475	0.883	2	U	0.3	11-Jun-07	01:26
QC Blank	Sr-90 (pci/l)	-0.0438	0.445	0.886	2	U	0.3	13-Jun-07	10:11
QC Blank	Sr-90 (pci/l)	-0.396	0.848	1.75	2	U	0.3	12-Jun-07	11:04
QC Blank	Sr-90 (pci/l)	-0.829	0.916	1.98	2	U	0.3	12-Jun-07	03:08
QC Blank	Sr-90 (pci/l)	-0.65	0.554	1.25	2	U	0.3	12-Jun-07	12:56
QC Blank (Field)	Sr-90 (pci/l)	-0.532	0.496	1.15	2	U	0.3	12-Jun-07	12:56
QC Blank (MW118A)	Sr-90 (pci/l)	0.635	0.966	1.67	2	U	0.3	12-Jun-07	12:56
QC Blank (MW119)	Sr-90 (pci/l)	0.221	0.894	1.67	2	U	0.3	8-Jun-07	01:39
QC Blank (MW120)	Sr-90 (pci/l)	-0.0776	0.773	1.54	2	U	0.3	12-Jun-07	03:08
QC Blank (MW121A)	Sr-90 (pci/l)	-0.412	0.928	1.88	2	U	0.3	12-Jun-07	11:04
QC Blank	Nb-94 (pci/l)	-0.566	2.33	3.9	50	U	2	11-Jun-07	12:54
QC Blank	Nb-94 (pci/l)	-0.641	2.1	3.33	50	U	2	12-Jun-07	09:21
QC Blank	Nb-94 (pci/l)	0.416	1.91	3.22	50	U	2	12-Jun-07	03:17
QC Blank	Nb-94 (pci/l)	1.48	2.68	4.13	50	U	2	13-Jun-07	09:18
QC Blank	Nb-94 (pci/l)	0.0401	1.84	3.04	50	U	2	13-Jun-07	01:46
QC Blank (Field)	Nb-94 (pci/l)	-0.78	1.79	2.86	50	U	2	13-Jun-07	09:29
QC Blank (MW118A)	Nb-94 (pci/l)	-1.19	1.83	2.5	50	U	2	13-Jun-07	01:44
QC Blank (MW119)	Nb-94 (pci/l)	-0.576	1.74	2.77	50	U	2	11-Jun-07	02:25
QC Blank (MW120)	Nb-94 (pci/l)	-1.93	2.29	3.65	50	U	2	13-Jun-07	09:16
QC Blank (MW121A)	Nb-94 (pci/l)	0.23	2.5	4.11	50	U	2	12-Jun-07	09:37
QC Blank	Ag-108m (pci/l)	1.03	2.02	3.57	20	U	2	11-Jun-07	12:54
QC Blank	Ag-108m (pci/l)	1.5	2.08	3.7	20	U	2	12-Jun-07	09:21
QC Blank	Ag-108m (pci/l)	-1.26	1.73	2.79	20	U	2	12-Jun-07	03:17
QC Blank	Ag-108m (pci/l)	-0.348	2.37	4.01	20	U	2	13-Jun-07	09:18
QC Blank	Ag-108m (pci/l)	0.691	1.56	2.73	20	U	2	13-Jun-07	01:46
QC Blank	Ag-108m (pci/l)	0.481	2.09	3.51	20	U	2	26-Jun-07	09:30
QC Blank (Field)	Ag-108m (pci/l)	-1.24	1.74	2.79	20	U	2	13-Jun-07	09:29
QC Blank (MW118A)	Ag-108m (pci/l)	0.713	1.98	3.02	20	U	2	13-Jun-07	01:44
QC Blank (MW119)	Ag-108m (pci/l)	-0.867	2.04	2.84	20	U	2	11-Jun-07	02:25
QC Blank (MW120)	Ag-108m (pci/l)	-0.944	2.07	3.4	20	U	2	13-Jun-07	09:16
QC Blank (MW121A)	Ag-108m (pci/l)	0.19	2.31	3.92	20	U	2	12-Jun-07	09:37
QC Blank	Cs-134 (pci/l)	-0.81	2.32	3.62	14	U	2	11-Jun-07	12:54

NOTES:

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See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
QC Blank	Cs-134 (pci/l)	-0.167	2.69	3.91	14	U	2	12-Jun-07	09:21
QC Blank	Cs-134 (pci/l)	-0.165	2.24	3.36	14	U	2	12-Jun-07	03:17
QC Blank	Cs-134 (pci/l)	2.18	2.32	4.28	14	U	2	13-Jun-07	09:18
QC Blank	Cs-134 (pci/l)	0.38	1.88	3.28	14	U	2	13-Jun-07	01:46
QC Blank (Field)	Cs-134 (pci/l)	0.773	2.06	3.54	14	U	2	13-Jun-07	09:29
QC Blank (MW118A)	Cs-134 (pci/l)	1.65	2.01	3.25	14	U	2	13-Jun-07	01:44
QC Blank (MW119)	Cs-134 (pci/l)	-1.3	2.08	2.9	14	U	2	11-Jun-07	02:25
QC Blank (MW120)	Cs-134 (pci/l)	-0.447	2.36	3.92	14	U	2	13-Jun-07	09:16
QC Blank (MW121A)	Cs-134 (pci/l)	0.367	2.77	4.79	14	U	2	12-Jun-07	09:37
QC Blank	Cs-137 (pci/l)	0.641	2.23	3.78	15	U	2	11-Jun-07	12:54
QC Blank	Cs-137 (pci/l)	-0.337	2.2	3.56	15	U	2	12-Jun-07	09:21
QC Blank	Cs-137 (pci/l)	-0.957	2.12	3.37	15	U	2	12-Jun-07	03:17
QC Blank	Cs-137 (pci/l)	1.14	2.56	4.48	15	U	2	13-Jun-07	09:18
QC Blank	Cs-137 (pci/l)	-0.892	1.89	2.97	15	U	2	13-Jun-07	01:46
QC Blank	Cs-137 (pci/l)	1.43	2.55	4.01	15	U	2	26-Jun-07	09:30
QC Blank (Field)	Cs-137 (pci/l)	0.484	1.8	3.09	15	U	2	13-Jun-07	09:29
QC Blank (MW118A)	Cs-137 (pci/l)	-0.705	1.76	2.78	15	U	2	13-Jun-07	01:44
QC Blank (MW119)	Cs-137 (pci/l)	1.88	1.94	3.49	15	U	2	11-Jun-07	02:25
QC Blank (MW120)	Cs-137 (pci/l)	-0.245	2.65	3.85	15	U	2	13-Jun-07	09:16
QC Blank (MW121A)	Cs-137 (pci/l)	-1.64	2.67	4.09	15	U	2	12-Jun-07	09:37
QC Blank	Eu-152 (pci/l)	-1.59	7.72	10.8	50	U	2	11-Jun-07	12:54
QC Blank	Eu-152 (pci/l)	-4.2	6.59	9.68	50	U	2	12-Jun-07	09:21
QC Blank	Eu-152 (pci/l)	-0.716	5.87	9.53	50	U	2	12-Jun-07	03:17
QC Blank	Eu-152 (pci/l)	4.45	7	11.8	50	U	2	13-Jun-07	09:18
QC Blank	Eu-152 (pci/l)	-2.39	4.99	8.22	50	U	2	13-Jun-07	01:46
QC Blank (Field)	Eu-152 (pci/l)	2.54	5.19	9.21	50	U	2	13-Jun-07	09:29
QC Blank (MW118A)	Eu-152 (pci/l)	-1.52	5.32	8.9	50	U	2	13-Jun-07	01:44
QC Blank (MW119)	Eu-152 (pci/l)	-1.59	5.12	8.55	50	U	2	11-Jun-07	02:25
QC Blank (MW120)	Eu-152 (pci/l)	5.12	7.05	10.8	50	U	2	13-Jun-07	09:16
QC Blank (MW121A)	Eu-152 (pci/l)	-6.27	6.11	9.69	50	U	2	12-Jun-07	09:37
QC Blank	Eu-154 (pci/l)	-3.86	6.67	10.4	50	U	2	11-Jun-07	12:54
QC Blank	Eu-154 (pci/l)	2.83	6.46	10	50	U	2	12-Jun-07	09:21
QC Blank	Eu-154 (pci/l)	-4.44	7	8.65	50	U	2	12-Jun-07	03:17
QC Blank	Eu-154 (pci/l)	-5.35	6.84	10.2	50	U	2	13-Jun-07	09:18
QC Blank	Eu-154 (pci/l)	4.73	5.52	10.2	50	U	2	13-Jun-07	01:46
QC Blank (Field)	Eu-154 (pci/l)	0.79	5.37	9.26	50	U	2	13-Jun-07	09:29
QC Blank (MW118A)	Eu-154 (pci/l)	5.06	4.88	9.29	50	U	2	13-Jun-07	01:44
QC Blank (MW119)	Eu-154 (pci/l)	2.9	4.94	8.9	50	U	2	11-Jun-07	02:25
QC Blank (MW120)	Eu-154 (pci/l)	4.68	5.65	10.5	50	U	2	13-Jun-07	09:16
QC Blank (MW121A)	Eu-154 (pci/l)	-2.82	6.81	10.4	50	U	2	12-Jun-07	09:37
QC Blank	Eu-155 (pci/l)	3.88	7.25	12.5	50	U	2	11-Jun-07	12:54
QC Blank	Eu-155 (pci/l)	-3.34	7.96	11.6	50	U	2	12-Jun-07	09:21
QC Blank	Eu-155 (pci/l)	-2.88	6.5	10.2	50	U	2	12-Jun-07	03:17
QC Blank	Eu-155 (pci/l)	-0.184	8.76	13	50	U	2	13-Jun-07	09:18
QC Blank	Eu-155 (pci/l)	0.145	5.65	9.53	50	U	2	13-Jun-07	01:46
QC Blank (Field)	Eu-155 (pci/l)	4.37	6.55	11.4	50	U	2	13-Jun-07	09:29
QC Blank (MW118A)	Eu-155 (pci/l)	1.15	6.4	10.9	50	U	2	13-Jun-07	01:44
QC Blank (MW119)	Eu-155 (pci/l)	-2.27	6.66	11	50	U	2	11-Jun-07	02:25
QC Blank (MW120)	Eu-155 (pci/l)	0.441	8.39	14.1	50	U	2	13-Jun-07	09:16
QC Blank (MW121A)	Eu-155 (pci/l)	-2.33	5.91	9.85	50	U	2	12-Jun-07	09:37
QC Blank	Am-241-gamma (pci/l)	3.57	12.4	19.3	0.5	U	2	11-Jun-07	12:54
QC Blank	Am-241-gamma (pci/l)	-0.157	18.2	26.2	0.5	U	2	12-Jun-07	09:21
QC Blank	Am-241-gamma (pci/l)	6.21	11.1	18.8	0.5	U	2	12-Jun-07	03:17
QC Blank	Am-241-gamma (pci/l)	-10.8	24.8	34	0.5	U	2	13-Jun-07	09:18
QC Blank	Am-241-gamma (pci/l)	3.04	7.97	12.4	0.5	U	2	13-Jun-07	01:46
QC Blank (Field)	Am-241-gamma (pci/l)	7.63	10.2	16.1	0.5	U	2	13-Jun-07	09:29
QC Blank (MW118A)	Am-241-gamma (pci/l)	5.88	9.1	14.3	0.5	U	2	13-Jun-07	01:44
QC Blank (MW119)	Am-241-gamma (pci/l)	-2.55	9.96	14.8	0.5	U	2	11-Jun-07	02:25
QC Blank (MW120)	Am-241-gamma (pci/l)	-2.43	13.3	20	0.5	U	2	13-Jun-07	09:16
QC Blank (MW121A)	Am-241-gamma (pci/l)	-0.978	3.71	6.39	0.5	U	2	12-Jun-07	09:37
MW100S Replicate	Gross Alpha (pci/l)	0.263	0.272	0.445	3	U	0.15	8-Jun-07	07:33
MWR106D Duplicate Rep	Gross Alpha (pci/l)	**20.9**	4.3	1.77	3		0.15	11-Jun-07	05:12
MW107S Replicate	Gross Alpha (pci/l)	1.9	1.57	2.18	3	U	0.15	8-Jun-07	02:11
MW135 Replicate	Gross Alpha (pci/l)	0.534	1.58	2.95	3	U	0.15	11-Jun-07	04:56
QC Blank (MW121A) Rep	Gross Alpha (pci/l)	-0.149	0.503	0.956	3	U	0.15	11-Jun-07	11:31

NOTES:

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See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
MW100S Replicate	Gross Beta (pci/l)	0.589	0.732	1.23	4	U	0.15	8-Jun-07	07:33
MWR106D Duplicate Rep	Gross Beta (pci/l)	**12.2**	2.92	3.49	4		0.15	11-Jun-07	05:12
MW107S Replicate	Gross Beta (pci/l)	**3.61**	2.24	3.45	4		0.15	8-Jun-07	02:11
MW135 Replicate	Gross Beta (pci/l)	**8.11**	2.28	2.89	4		0.15	11-Jun-07	04:56
QC Blank (MW121A) Rep	Gross Beta (pci/l)	-0.364	1.04	1.87	4	U	0.15	11-Jun-07	11:31
MW100S Replicate	H-3 (pci/l)	12	155	274	400	U	0.05	11-Jun-07	10:17
MW107D Reanalysis Rep	H-3 (pci/l)	**1860**	255	291	400		0.05	13-Jun-07	09:03
MW107D Reanalysis Rep	H-3 (pci/l)	**1860**	255	291	400		0.05	13-Jun-07	09:03
MW107D Replicate	H-3 (pci/l)	**1990**	259	311	400		0.05	12-Jun-07	10:26
MW107S Replicate	H-3 (pci/l)	**686**	225	335	400		0.05	8-Jun-07	10:37
MW124 Replicate	H-3 (pci/l)	**679**	210	317	400		0.05	12-Jun-07	08:02
MW135 Replicate	H-3 (pci/l)	56	186	324	400	U	0.05	11-Jun-07	10:46
MW138 Replicate	H-3 (pci/l)	-54.6	171	308	400	U	0.05	12-Jun-07	04:03
MW100S Replicate	Boron (ug/l)	**15**[b]	-	4	15	J		11-Jun-07	11:32
MW117 Replicate	Boron (ug/l)	**54.8**	-	4	15			13-Jun-07	03:14
MWR122S Replicate	Boron (ug/l)	**167**	-	4	15			13-Jun-07	01:19
MW139 Replicate	Boron (ug/l)	**46.3**	-	4	15			14-Jun-07	12:27
QC Blank (MW120) Repli	Boron (ug/l)	**15**[b]	-	4	15			13-Jun-07	04:24
MW100S Replicate	Mn-54 (pci/l)	-1.61	2.93	4.32	50	U	2	11-Jun-07	12:54
MW107S Replicate	Mn-54 (pci/l)	-1.98	2.4	3.81	50	U	2	12-Jun-07	09:22
MW124 Replicate	Mn-54 (pci/l)	0.246	2.45	3.65	50	U	2	12-Jun-07	04:14
MW135 Replicate	Mn-54 (pci/l)	-0.614	2.57	4.3	50	U	2	13-Jun-07	09:18
MW139 Replicate	Mn-54 (pci/l)	-0.423	3.86	5.64	50	U	2	13-Jun-07	01:46
MW100S Replicate	Co-60 (pci/l)	0.64	2.75	4.74	25	U	2	11-Jun-07	12:54
MW107S Replicate	Co-60 (pci/l)	-0.168	2.53	4.18	25	U	2	12-Jun-07	09:22
MW124 Replicate	Co-60 (pci/l)	0.469	1.99	3.4	25	U	2	12-Jun-07	04:14
MW135 Replicate	Co-60 (pci/l)	-2.28	2.65	3.89	25	U	2	13-Jun-07	09:18
MW139 Replicate	Co-60 (pci/l)	3.25	3.89	6.88	25	U	2	13-Jun-07	01:46
AST5 Replicate	Sr-90 (pci/l)	0.577	1.1	1.93	2	U	0.3	12-Jun-07	11:04
MW100S Replicate	Sr-90 (pci/l)	-0.259	0.485	0.896	2	U	0.3	11-Jun-07	01:26
MW107S Replicate	Sr-90 (pci/l)	-0.37	0.424	0.949	2	U	0.3	11-Jun-07	05:35
MW110D Replicate	Sr-90 (pci/l)	-0.495	0.867	1.82	2	U	0.3	12-Jun-07	12:56
MW110S Replicate	Sr-90 (pci/l)	-0.238	0.976	1.92	2	U	0.3	12-Jun-07	03:08
MW100S Replicate	Nb-94 (pci/l)	1.53	2.36	4.43	50	U	2	11-Jun-07	12:54
MW107S Replicate	Nb-94 (pci/l)	3.02	2.47	3.98	50	U	2	12-Jun-07	09:22
MW124 Replicate	Nb-94 (pci/l)	2.53	2.12	3.81	50	U	2	12-Jun-07	04:14
MW135 Replicate	Nb-94 (pci/l)	0.783	2.4	4.06	50	U	2	13-Jun-07	09:18
MW139 Replicate	Nb-94 (pci/l)	0	4.42	5.89	50	UI	2	13-Jun-07	01:46
MW100S Replicate	Ag-108m (pci/l)	-0.0871	2.97	4.89	20	U	2	11-Jun-07	12:54
MW107S Replicate	Ag-108m (pci/l)	-0.862	2.4	3.93	20	U	2	12-Jun-07	09:22
MW124 Replicate	Ag-108m (pci/l)	-1.23	2.28	3.71	20	U	2	12-Jun-07	04:14
MW135 Replicate	Ag-108m (pci/l)	1.13	2.74	4.74	20	U	2	13-Jun-07	09:18
MW139 Replicate	Ag-108m (pci/l)	3.28	3.78	5.51	20	U	2	13-Jun-07	01:46
MW100S Replicate	Cs-134 (pci/l)	-1.62	3.53	4.63	14	U	2	11-Jun-07	12:54
MW107S Replicate	Cs-134 (pci/l)	-0.0587	2.55	4.36	14	U	2	12-Jun-07	09:22
MW124 Replicate	Cs-134 (pci/l)	1.89	2.14	3.94	14	U	2	12-Jun-07	04:14
MW135 Replicate	Cs-134 (pci/l)	0.648	2.73	4.76	14	U	2	13-Jun-07	09:18
MW139 Replicate	Cs-134 (pci/l)	0.933	4.19	6.65	14	U	2	13-Jun-07	01:46
MW100S Replicate	Cs-137 (pci/l)	-1.44	3.3	4.62	15	U	2	11-Jun-07	12:54
MW107S Replicate	Cs-137 (pci/l)	0.368	2.56	3.7	15	U	2	12-Jun-07	09:22
MW124 Replicate	Cs-137 (pci/l)	-0.97	2.25	3.58	15	U	2	12-Jun-07	04:14
MW135 Replicate	Cs-137 (pci/l)	-2.24	3.35	4.4	15	U	2	13-Jun-07	09:18
MW137 Reanalysis Repli	Cs-137 (pci/l)	**24.2**	4.38	3	15		2	28-Jun-07	11:37
MW139 Replicate	Cs-137 (pci/l)	1.16	4	5.89	15	U	2	13-Jun-07	01:46
MW100S Replicate	Eu-152 (pci/l)	3.03	8.77	15	50	U	2	11-Jun-07	12:54
MW107S Replicate	Eu-152 (pci/l)	0.757	7.92	13.1	50	U	2	12-Jun-07	09:22
MW124 Replicate	Eu-152 (pci/l)	5.79	6.92	12	50	U	2	12-Jun-07	04:14
MW135 Replicate	Eu-152 (pci/l)	0.323	8.3	14.2	50	U	2	13-Jun-07	09:18
MW139 Replicate	Eu-152 (pci/l)	6.98	11	16.7	50	U	2	13-Jun-07	01:46
MW100S Replicate	Eu-154 (pci/l)	11.8	10.2	13.5	50	U	2	11-Jun-07	12:54
MW107S Replicate	Eu-154 (pci/l)	1.02	6.9	11.7	50	U	2	12-Jun-07	09:22
MW124 Replicate	Eu-154 (pci/l)	-1.93	7.41	10.1	50	U	2	12-Jun-07	04:14
MW135 Replicate	Eu-154 (pci/l)	-1.6	8.95	12.9	50	U	2	13-Jun-07	09:18
MW139 Replicate	Eu-154 (pci/l)	-8.45	9.72	14.3	50	U	2	13-Jun-07	01:46
MW100S Replicate	Eu-155 (pci/l)	3.31	11.5	19.4	50	U	2	11-Jun-07	12:54

NOTES:

Bold results are greater than 2-sigma TPU and the sample MDC.

Gray results are greater than 2-sigma TPU and less than the sample MDC.

See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
MW107S Replicate	Eu-155 (pci/l)	-8	9.94	15.9	50	U	2	12-Jun-07	09:22
MW124 Replicate	Eu-155 (pci/l)	3.59	8.81	15.1	50	U	2	12-Jun-07	04:14
MW135 Replicate	Eu-155 (pci/l)	-1.08	11.4	19.1	50	U	2	13-Jun-07	09:18
MW139 Replicate	Eu-155 (pci/l)	1.82	9.67	16.6	50	U	2	13-Jun-07	01:46
MW100S Replicate	Am-241-gamma (pci/l)	-8.69	19.5	32.7	0.5	U	2	11-Jun-07	12:54
MW107S Replicate	Am-241-gamma (pci/l)	12.8	14.5	22	0.5	U	2	12-Jun-07	09:22
MW124 Replicate	Am-241-gamma (pci/l)	-9.76	12.2	20.3	0.5	U	2	12-Jun-07	04:14
MW135 Replicate	Am-241-gamma (pci/l)	10.8	36.3	31.1	0.5	U	2	13-Jun-07	09:18
MW139 Replicate	Am-241-gamma (pci/l)	-0.192	7.32	12.7	0.5	U	2	13-Jun-07	01:46
QC Dup. Spike (BDS)	Gross Alpha (pci/l)	**244**	25.1	6.6	3		0.05	8-Jun-07	03:43
QC Dup. Spike (BDS)	Gross Alpha (pci/l)	**224**	21.6	5.41	3		0.05	8-Jun-07	02:12
QC Dup. Spike (BDS)	Gross Alpha (pci/l)	**203**	21.1	4.98	3		0.05	12-Jun-07	07:42
QC Dup. Spike (BDS)	Gross Alpha (pci/l)	**193**	24.1	7.13	3		0.05	11-Jun-07	04:52
QC Dup. Spike (BDS)	Gross Alpha (pci/l)	**225**	23.4	5.55	3		0.05	11-Jun-07	05:11
QC Dup. Spike (BDS)	Gross Beta (pci/l)	**753**	35.2	12.8	4		0.05	8-Jun-07	03:43
QC Dup. Spike (BDS)	Gross Beta (pci/l)	**693**	29	9.1	4		0.05	8-Jun-07	02:12
QC Dup. Spike (BDS)	Gross Beta (pci/l)	**708**	32.1	10.4	4		0.05	12-Jun-07	07:42
QC Dup. Spike (BDS)	Gross Beta (pci/l)	**693**	32	10.5	4		0.05	11-Jun-07	04:52
QC Dup. Spike (BDS)	Gross Beta (pci/l)	**774**	33.6	10.5	4		0.05	11-Jun-07	05:11
QC Spike (BS)	Gross Alpha (pci/l)	**76.5**	7.97	1.96	3		0.15	8-Jun-07	03:43
QC Spike (BS)	Gross Alpha (pci/l)	**64.6**	6.36	1.55	3		0.15	8-Jun-07	02:12
QC Spike (BS)	Gross Alpha (pci/l)	**68.1**	7.03	1.58	3		0.15	12-Jun-07	07:42
QC Spike (BS)	Gross Alpha (pci/l)	**66.7**	7.48	2.1	3		0.15	11-Jun-07	04:52
QC Spike (BS)	Gross Alpha (pci/l)	**73.2**	7.31	1.59	3		0.15	11-Jun-07	05:11
QC Spike (MS)	Gross Alpha (pci/l)	**256**	25.6	6.58	3		0.05	8-Jun-07	03:43
QC Spike (MS)	Gross Alpha (pci/l)	**182**	19.8	5.63	3		0.05	8-Jun-07	02:12
QC Spike (MS)	Gross Alpha (pci/l)	**231**	12	3.08	3		0.05	11-Jun-07	11:31
QC Spike (MS)	Gross Alpha (pci/l)	**179**	24.1	6.71	3		0.05	11-Jun-07	04:52
QC Spike (MS)	Gross Alpha (pci/l)	**230**	23.9	4.83	3		0.05	11-Jun-07	05:11
QC Spike (BS)	Gross Beta (pci/l)	**229**	11.3	4.44	4		0.15	8-Jun-07	03:43
QC Spike (BS)	Gross Beta (pci/l)	**219**	9.26	3.06	4		0.15	8-Jun-07	02:12
QC Spike (BS)	Gross Beta (pci/l)	**231**	10.5	3.48	4		0.15	12-Jun-07	07:42
QC Spike (BS)	Gross Beta (pci/l)	**236**	11	4.43	4		0.15	11-Jun-07	04:52
QC Spike (BS)	Gross Beta (pci/l)	**240**	10.7	3.48	4		0.15	11-Jun-07	05:11
QC Spike (MS)	Gross Beta (pci/l)	**728**	34.6	12.3	4		0.05	8-Jun-07	03:43
QC Spike (MS)	Gross Beta (pci/l)	**678**	29.7	9.97	4		0.05	8-Jun-07	02:12
QC Spike (MS)	Gross Beta (pci/l)	**679**	16.3	7.27	4		0.05	11-Jun-07	11:31
QC Spike (MS)	Gross Beta (pci/l)	**637**	31.7	10.7	4		0.05	11-Jun-07	04:52
QC Spike (MS)	Gross Beta (pci/l)	**768**	34.6	12.2	4		0.05	11-Jun-07	05:11
QC Spike (BS)	H-3 (pci/l)	**2640**	424	393	400		0.05	11-Jun-07	11:15
QC Spike (BS)	H-3 (pci/l)	**2650**	460	465	400		0.05	8-Jun-07	08:23
QC Spike (BS)	H-3 (pci/l)	**2620**	279	310	400		0.05	12-Jun-07	11:52
QC Spike (BS)	H-3 (pci/l)	**2560**	425	456	400		0.05	12-Jun-07	09:00
QC Spike (BS)	H-3 (pci/l)	**2530**	294	320	400		0.05	12-Jun-07	12:10
QC Spike (BS)	H-3 (pci/l)	**2580**	278	285	400		0.05	13-Jun-07	10:26
QC Spike (BS)	H-3 (pci/l)	**2390**	284	309	400		0.05	12-Jun-07	05:27
QC Spike (BS)	H-3 (pci/l)	**2580**	278	285	400		0.05	13-Jun-07	10:26
QC Spike (MS)	H-3 (pci/l)	**2980**	436	381	400		0.05	11-Jun-07	10:59
QC Spike (MS)	H-3 (pci/l)	**3230**	497	469	400		0.05	8-Jun-07	08:07
QC Spike (MS)	H-3 (pci/l)	**4230**	320	300	400		0.05	12-Jun-07	11:09
QC Spike (MS)	H-3 (pci/l)	**3440**	469	455	400		0.05	12-Jun-07	08:44
QC Spike (MS)	H-3 (pci/l)	**2480**	293	322	400		0.05	11-Jun-07	11:28
QC Spike (MS)	H-3 (pci/l)	**4590**	345	287	400		0.05	13-Jun-07	09:44
QC Spike (MS)	H-3 (pci/l)	**2740**	297	310	400		0.05	12-Jun-07	04:45
QC Spike (MS)	H-3 (pci/l)	**4590**	345	287	400		0.05	13-Jun-07	09:44
QC Spike (BS)	Boron (%)	**106**	-	4	-			11-Jun-07	11:23
QC Spike (BS)	Boron (%)	**112**	-	4	-			13-Jun-07	01:07
QC Spike (BS)	Boron (%)	**116**	-	4	-			13-Jun-07	02:47
QC Spike (BS)	Boron (%)	**116**	-	4	-			13-Jun-07	04:19
QC Spike (BS)	Boron (%)	**117**	-	4	-			14-Jun-07	12:23
QC Spike (MS)	Boron (%)	**108**	-	4	-			11-Jun-07	11:39
QC Spike (MS)	Boron (%)	**98**	-	4	-			13-Jun-07	01:22
QC Spike (MS)	Boron (%)	**110**	-	4	-			13-Jun-07	03:16
QC Spike (MS)	Boron (%)	**113**	-	4	-			13-Jun-07	04:26
QC Spike (MS)	Boron (%)	**94**	-	4	-			14-Jun-07	12:30

NOTES:

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Gray results are greater than 2-sigma TPU and less than the sample MDC.

See additional notes at the end of the document

June 2007 GW Lab Analytical Data Summary

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
QC Spike (BS)	Mn-54 (pci/l)	15.3	15.8	21.4	50	U	2	11-Jun-07	12:55
QC Spike (BS)	Mn-54 (pci/l)	6	10.2	18.2	50	U	2	12-Jun-07	09:23
QC Spike (BS)	Mn-54 (pci/l)	-4.13	9.13	14.9	50	U	2	12-Jun-07	10:27
QC Spike (BS)	Mn-54 (pci/l)	-1.42	8.89	14.3	50	U	2	13-Jun-07	09:19
QC Spike (BS)	Mn-54 (pci/l)	-11.8	9.28	13.3	50	U	2	13-Jun-07	10:25
QC Spike (MS)	Mn-54 (pci/l)	-5.89	11.3	17.1	50	U	0.5	11-Jun-07	01:13
QC Spike (MS)	Mn-54 (pci/l)	-1.16	11.1	16	50	U	0.5	13-Jun-07	09:08
QC Spike (MS)	Mn-54 (pci/l)	-29.2	118	195	50	U	0.05	12-Jun-07	03:04
QC Spike (MS)	Mn-54 (pci/l)	77.1	124	226	50	U	0.05	13-Jun-07	10:09
QC Spike (MS)	Mn-54 (pci/l)	-41.6	112	181	50	U	0.05	13-Jun-07	11:27
QC Spike (BS)	Co-60 (pci/l)	**616**	66.4	15.3	25		2	11-Jun-07	12:55
QC Spike (BS)	Co-60 (pci/l)	**641**	53.8	13.2	25		2	12-Jun-07	09:23
QC Spike (BS)	Co-60 (pci/l)	**607**	51.3	12.8	25		2	12-Jun-07	10:27
QC Spike (BS)	Co-60 (pci/l)	**639**	61.6	10.7	25		2	13-Jun-07	09:19
QC Spike (BS)	Co-60 (pci/l)	**628**	61.1	10.2	25		2	13-Jun-07	10:25
QC Spike (MS)	Co-60 (pci/l)	**255**	43.1	21.6	25		0.5	11-Jun-07	01:13
QC Spike (MS)	Co-60 (pci/l)	**273**	40	20.5	25		0.5	13-Jun-07	09:08
QC Spike (MS)	Co-60 (pci/l)	**3130**	457	153	25		0.05	12-Jun-07	03:04
QC Spike (MS)	Co-60 (pci/l)	**3060**	411	161	25		0.05	13-Jun-07	10:09
QC Spike (MS)	Co-60 (pci/l)	**3010**	464	235	25		0.05	13-Jun-07	11:27
QC Spike (BS)	Sr-90 (pci/l)	**53.3**	3.24	1.33	2		0.3	11-Jun-07	01:29
QC Spike (BS)	Sr-90 (pci/l)	**62.7**	4.8	2.89	2		0.3	8-Jun-07	01:38
QC Spike (BS)	Sr-90 (pci/l)	**63.3**	4.58	2.33	2		0.3	12-Jun-07	11:04
QC Spike (BS)	Sr-90 (pci/l)	**55**	4.09	1.97	2		0.3	12-Jun-07	03:08
QC Spike (BS)	Sr-90 (pci/l)	**59.4**	4.39	2.17	2		0.3	12-Jun-07	12:56
QC Spike (MS)	Sr-90 (pci/l)	**55.6**	3.41	1.48	2		0.3	11-Jun-07	01:29
QC Spike (MS)	Sr-90 (pci/l)	**53.8**	4.6	3.34	2		0.3	8-Jun-07	01:38
QC Spike (MS)	Sr-90 (pci/l)	**65.2**	4.67	2.24	2		0.3	12-Jun-07	11:04
QC Spike (MS)	Sr-90 (pci/l)	**63.1**	4.35	1.71	2		0.3	12-Jun-07	03:08
QC Spike (MS)	Sr-90 (pci/l)	**55.9**	4.05	1.98	2		0.3	12-Jun-07	12:56
QC Spike (BS)	Nb-94 (pci/l)	7.47	10.9	17.7	50	U	2	11-Jun-07	12:55
QC Spike (BS)	Nb-94 (pci/l)	-2.99	9.73	13.2	50	U	2	12-Jun-07	09:23
QC Spike (BS)	Nb-94 (pci/l)	-4.29	8.77	13.8	50	U	2	12-Jun-07	10:27
QC Spike (BS)	Nb-94 (pci/l)	3.26	7.83	13.5	50	U	2	13-Jun-07	09:19
QC Spike (BS)	Nb-94 (pci/l)	**37.5**	25.3	12.9	50		2	13-Jun-07	10:25
QC Spike (MS)	Nb-94 (pci/l)	0.47	10.8	18.1	50	U	0.5	11-Jun-07	01:13
QC Spike (MS)	Nb-94 (pci/l)	-9.47	10	14	50	U	0.5	13-Jun-07	09:08
QC Spike (MS)	Nb-94 (pci/l)	12.1	120	173	50	U	0.05	12-Jun-07	03:04
QC Spike (MS)	Nb-94 (pci/l)	5.46	110	183	50	U	0.05	13-Jun-07	10:09
QC Spike (MS)	Nb-94 (pci/l)	62.7	102	181	50	U	0.05	13-Jun-07	11:27
QC Spike (BS)	Ag-108m (pci/l)	**26.6**	23.7	20.3	20		2	11-Jun-07	12:55
QC Spike (BS)	Ag-108m (pci/l)	-3.53	9.39	15.5	20	U	2	12-Jun-07	09:23
QC Spike (BS)	Ag-108m (pci/l)	-1.49	8.62	14.4	20	U	2	12-Jun-07	10:27
QC Spike (BS)	Ag-108m (pci/l)	0.822	8.42	14.5	20	U	2	13-Jun-07	09:19
QC Spike (BS)	Ag-108m (pci/l)	-1.25	8.49	14.4	20	U	2	13-Jun-07	10:25
QC Spike (MS)	Ag-108m (pci/l)	-1.64	9.45	15.9	20	U	0.5	11-Jun-07	01:13
QC Spike (MS)	Ag-108m (pci/l)	-7.77	9.93	15.1	20	U	0.5	13-Jun-07	09:08
QC Spike (MS)	Ag-108m (pci/l)	3.18	93.9	159	20	U	0.05	12-Jun-07	03:04
QC Spike (MS)	Ag-108m (pci/l)	72.1	100	181	20	U	0.05	13-Jun-07	10:09
QC Spike (MS)	Ag-108m (pci/l)	26.1	92.4	160	20	U	0.05	13-Jun-07	11:27
QC Spike (BS)	Cs-134 (pci/l)	-4.69	16	22	14	U	2	11-Jun-07	12:55
QC Spike (BS)	Cs-134 (pci/l)	-5.54	10	16.3	14	U	2	12-Jun-07	09:23
QC Spike (BS)	Cs-134 (pci/l)	1.89	10.5	18.3	14	U	2	12-Jun-07	10:27
QC Spike (BS)	Cs-134 (pci/l)	-2.86	10.4	16.8	14	U	2	13-Jun-07	09:19
QC Spike (BS)	Cs-134 (pci/l)	0.674	10.3	17.1	14	U	2	13-Jun-07	10:25
QC Spike (MS)	Cs-134 (pci/l)	-2.27	12.9	20.9	14	U	0.5	11-Jun-07	01:13
QC Spike (MS)	Cs-134 (pci/l)	0.375	13	22.4	14	U	0.5	13-Jun-07	09:08
QC Spike (MS)	Cs-134 (pci/l)	39.5	104	187	14	U	0.05	12-Jun-07	03:04
QC Spike (MS)	Cs-134 (pci/l)	-25.1	131	186	14	U	0.05	13-Jun-07	10:09
QC Spike (MS)	Cs-134 (pci/l)	104	118	207	14	U	0.05	13-Jun-07	11:27
QC Spike (BS)	Cs-137 (pci/l)	**444**	43.7	20	15		2	11-Jun-07	12:55
QC Spike (BS)	Cs-137 (pci/l)	**480**	47.9	16.5	15		2	12-Jun-07	09:23
QC Spike (BS)	Cs-137 (pci/l)	**473**	47.1	16.7	15		2	12-Jun-07	10:27
QC Spike (BS)	Cs-137 (pci/l)	**482**	40.5	14.2	15		2	13-Jun-07	09:19
QC Spike (BS)	Cs-137 (pci/l)	**448**	38.5	15.6	15		2	13-Jun-07	10:25

NOTES:

Bold results are greater than 2-sigma TPU and the sample MDC.

Gray results are greater than 2-sigma TPU and less than the sample MDC.

See additional notes at the end of the document

Well ID	Nuclide (units)	Net Conc.	2-sigma Uncert.	MDC	Required MDC	Lab Flag	Aliquot Volume (L)	Analysis Date	Analysis Time
QC Spike (BS)	Cs-137 (pci/l)	**454**	42.8	14.8	15		2	26-Jun-07	09:31
QC Spike (MS)	Cs-137 (pci/l)	**192**	36.5	19.5	15		0.5	11-Jun-07	01:13
QC Spike (MS)	Cs-137 (pci/l)	**200**	32.4	22.7	15		0.5	13-Jun-07	09:08
QC Spike (MS)	Cs-137 (pci/l)	**2050**	349	195	15		0.05	12-Jun-07	03:04
QC Spike (MS)	Cs-137 (pci/l)	**1840**	329	171	15		0.05	13-Jun-07	10:09
QC Spike (MS)	Cs-137 (pci/l)	**1950**	343	197	15		0.05	13-Jun-07	11:27
QC Spike (MS)	Cs-137 (pci/l)	**2100**	326	194	15		0.05	26-Jun-07	09:31
QC Spike (BS)	Eu-152 (pci/l)	-0.556	31.5	51.9	50	U	2	11-Jun-07	12:55
QC Spike (BS)	Eu-152 (pci/l)	21.6	23	41.4	50	U	2	12-Jun-07	09:23
QC Spike (BS)	Eu-152 (pci/l)	9.22	26.6	40.7	50	U	2	12-Jun-07	10:27
QC Spike (BS)	Eu-152 (pci/l)	10.6	27.8	41.2	50	U	2	13-Jun-07	09:19
QC Spike (BS)	Eu-152 (pci/l)	7.95	22.7	38.2	50	U	2	13-Jun-07	10:25
QC Spike (MS)	Eu-152 (pci/l)	-21.9	32.7	41.9	50	U	0.5	11-Jun-07	01:13
QC Spike (MS)	Eu-152 (pci/l)	0.543	29.6	50	50	U	0.5	13-Jun-07	09:08
QC Spike (MS)	Eu-152 (pci/l)	-155	263	422	50	U	0.05	12-Jun-07	03:04
QC Spike (MS)	Eu-152 (pci/l)	43.9	304	493	50	U	0.05	13-Jun-07	10:09
QC Spike (MS)	Eu-152 (pci/l)	-28.3	278	464	50	U	0.05	13-Jun-07	11:27
QC Spike (BS)	Eu-154 (pci/l)	17.4	21.6	37.1	50	U	2	11-Jun-07	12:55
QC Spike (BS)	Eu-154 (pci/l)	6.48	22	38.2	50	U	2	12-Jun-07	09:23
QC Spike (BS)	Eu-154 (pci/l)	-7.66	24.7	32.3	50	U	2	12-Jun-07	10:27
QC Spike (BS)	Eu-154 (pci/l)	-17.5	17.8	23.8	50	U	2	13-Jun-07	09:19
QC Spike (BS)	Eu-154 (pci/l)	0.342	18	30	50	U	2	13-Jun-07	10:25
QC Spike (MS)	Eu-154 (pci/l)	11.4	30.6	54.5	50	U	0.5	11-Jun-07	01:13
QC Spike (MS)	Eu-154 (pci/l)	-3.69	28.2	45.7	50	U	0.5	13-Jun-07	09:08
QC Spike (MS)	Eu-154 (pci/l)	7.94	279	466	50	U	0.05	12-Jun-07	03:04
QC Spike (MS)	Eu-154 (pci/l)	162	310	571	50	U	0.05	13-Jun-07	10:09
QC Spike (MS)	Eu-154 (pci/l)	52.7	256	449	50	U	0.05	13-Jun-07	11:27
QC Spike (BS)	Eu-155 (pci/l)	-14.1	38.3	64.5	50	U	2	11-Jun-07	12:55
QC Spike (BS)	Eu-155 (pci/l)	16.2	25.4	43.9	50	U	2	12-Jun-07	09:23
QC Spike (BS)	Eu-155 (pci/l)	-31.6	26.7	42.6	50	U	2	12-Jun-07	10:27
QC Spike (BS)	Eu-155 (pci/l)	-5.38	31	49.4	50	U	2	13-Jun-07	09:19
QC Spike (BS)	Eu-155 (pci/l)	13	32.3	53.1	50	U	2	13-Jun-07	10:25
QC Spike (MS)	Eu-155 (pci/l)	16.7	33.9	56.8	50	U	0.5	11-Jun-07	01:13
QC Spike (MS)	Eu-155 (pci/l)	-0.1	34.6	57.1	50	U	0.5	13-Jun-07	09:08
QC Spike (MS)	Eu-155 (pci/l)	-139	307	501	50	U	0.05	12-Jun-07	03:04
QC Spike (MS)	Eu-155 (pci/l)	98.9	393	580	50	U	0.05	13-Jun-07	10:09
QC Spike (MS)	Eu-155 (pci/l)	297	739	542	50	U	0.05	13-Jun-07	11:27
QC Spike (BS)	Am-241-gamma (pci/l)	**1280**	327	185	0.5		2	11-Jun-07	12:55
QC Spike (BS)	Am-241-gamma (pci/l)	**1170**	97.9	45	0.5		2	12-Jun-07	09:23
QC Spike (BS)	Am-241-gamma (pci/l)	**1180**	97.9	37.2	0.5		2	12-Jun-07	10:27
QC Spike (BS)	Am-241-gamma (pci/l)	**1190**	189	108	0.5		2	13-Jun-07	09:19
QC Spike (BS)	Am-241-gamma (pci/l)	**1270**	194	107	0.5		2	13-Jun-07	10:25
QC Spike (MS)	Am-241-gamma (pci/l)	**577**	105	106	0.5		0.5	11-Jun-07	01:13
QC Spike (MS)	Am-241-gamma (pci/l)	**444**	120	93.4	0.5		0.5	13-Jun-07	09:08
QC Spike (MS)	Am-241-gamma (pci/l)	**5010**	789	822	0.5		0.05	12-Jun-07	03:04
QC Spike (MS)	Am-241-gamma (pci/l)	**5190**	998	881	0.5		0.05	13-Jun-07	10:09
QC Spike (MS)	Am-241-gamma (pci/l)	**4830**	1100	878	0.5		0.05	13-Jun-07	11:27

Notes:

[a] J qualifier removed, PQL is 15 ug/L

[b] results not detected above the MDL are reported at the PQL of 15 ug/L

[c] estimated value: analysis was performed on a preserved aliquot

[d] Results rejected due to non-representativeness

[e] estimated value; reanalysis results did not confirm the original results

NOTES:

Bold results are greater than 2-sigma TPU and the sample MDC.

Gray results are greater than 2-sigma TPU and less than the sample MDC.

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