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ENTERED

National Nuclear Security Administration
Los Alamos Site Office, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
(505) 667-4255/FAX (505) 606-2132

Date: FEB 2 9 2012
Refer To: EP2012-0020

John Kieling, Acting Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

FEB 2012

Subject: Update to Tritium Results Previously Reported to the New Mexico Environment Department in Periodic Monitoring Reports

Dear Mr. Kieling:

Los Alamos National Laboratory (the Laboratory) conducts routine monitoring under Interim Facility-Wide Groundwater Monitoring Plan, prepared annually as stipulated in the Compliance Order on Consent. Along with other analyses, groundwater samples are analyzed for low-level tritium using a method capable of obtaining a very low minimal detectable activity (MDA) of 2–3 pCi/L compared with U.S. Environmental Protection Agency (EPA) Method 906.0, Tritium in Drinking Water, which has a required detection limit of 1000 pCi/L. The lower MDA method, although not approved by EPA, is used to analyze groundwater samples for tritium to determine if the groundwater is isolated from relatively recent (the past 40 to 50 yr) precipitation that would contain elevated tritium from global aboveground nuclear testing.

In 2008, the Laboratory began using a new analytical laboratory, American Radiation Services (ARSL), for this analysis. In the latter half of 2010, the Laboratory was provided tritium results from ARSL that were higher than previously reported for wells with a history of lower levels or nondetects. In response to a request by the Laboratory, ARSL reviewed its history of analytical results and discovered that in some cases the incorrect method had been reported and that calculation and other errors had affected the reported analytical results, uncertainty, MDAs, and laboratory qualifiers. ARSL submitted a response to the Laboratory's request for corrective action resulting from calculation errors (Attachment 1) and new data reports with updated tritium results.

The attached table (Attachment 2) provides a list of all the tritium results analyzed by ARSL for samples from collected between September 2008 and May 2011. The table shows the original and the updated tritium results, uncertainty, MDAs, method, and laboratory qualifiers, where applicable.

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The updated tritium results will be added to the Laboratory's database. The original results will remain in the database but will be qualified as rejected.

If you have questions, please contact Steve Paris at (505) 606-0915 (smparis@lanl.gov) or David Rhodes at (505) 665-5325 (david.rhodes@nnsa.doe.gov).

Sincerely,

Michael J. Graham, Associate Director
Environmental Programs
Los Alamos National Laboratory

Sincerely,

George J. Rael, Assistant Manager
Environmental Projects Office
Los Alamos Site Office

MG/GR/CD/SP/DR:sm

Attachments: Two hard copies with electronic files –
(1) ARS Response to Los Alamos National Laboratory Regarding Corrective Action Reporting for Low-Level Tritium Data
(2) Tritium Samples Analyzed by ARSL from Springs and Wells (LA-UR-12-0298)

Cy: (Letter and CD/DVD only)
Laurie King, EPA Region 6, Dallas, TX
Neil Weber, San Ildefonso Pueblo, NM
Joe Chavarria, Santa Clara Pueblo, NM
Hai Shen, DOE-LASO, MS A316
Cheryl Rodriguez, DOE-LASO, MS A316
Tom Carver, DOE-LASO, MS A316
Woody Woodworth, DOE-LASO, MS A316
Steve Yanicak, NMED-OB, MS M894
Suzanne Coyne, IRM-DCS, MS M992
Steve Paris, EP-CAP, MS M992
William Alexander, EP-BPS, MS M992
RPF, MS M707 (electronic copy)

Cy: (w/o att.)
Pete Padilla, Los Alamos County Utility Dept, Los Alamos, NM (date-stamped letter emailed)
Tom Skibitski, NMED-OB, Santa Fe, NM (date-stamped letter emailed)
Annette Russell, DOE-LASO (date-stamped letter emailed)
David Rogers, EP-ET, MS M992 (date-stamped letter emailed)
Danny Katzman, EP-ET, MS M992 (date-stamped letter emailed)
Craig Douglass, EP-CAP, MS M996 (date-stamped letter emailed)
Dave McInroy, EP-CAP, MS M996 (date-stamped letter emailed)
Michael J. Graham, ADEP, MS M991 (date-stamped letter emailed)

AMRAD
AMERICAN RADIATION SERVICES, LLC

October 7, 2011

Ms. Nita Patel
Los Alamos National Laboratory
P.O. Box 1663, MS M992
Los Alamos, NM 87545

RE: CAR for Low Level Tritium Data

Dear Ms. Patel:

This letter is in response to the formal request by Mr. Lonnie Morris of AQA, dated September 7, 2011, asking ARS to investigate and perform corrective action in response to several calculation errors discovered in the review of recent Low Level Tritium data. These errors were discovered following an inquiry by Mr. Keith Greene of LANL, dated July 7, 2011, in which several increased activities were reported for a site that had traditionally yielded much lower results. As a result of this inquiry and the resulting discovery of calculation errors, Ms. Virgene Mulligan of ARS initiated a Non-Conformance report (NCR#11-1308, see attached) in an effort to determine the root cause of the issue. Due to the specialized nature of the test, the initial investigation included a review of all chemistry procedures and QC analysis, a review of all low level tritium data from January 2010 until present and a review of all low level tritium calculation spreadsheets. The initial investigation indicated that the chemistry was being performed correctly and that all QC criteria were in control, thus indicating that the errors were isolated to the calculation portion of the process. Ultimately, all low level tritium data dating back to January 2008 was reviewed for potential errors.

During this investigation, it was determined by ARS that two types of errors had occurred which resulted in the miscalculation of low level tritium data. The first type of error discovered was an inadvertent rounding factor that had been programmed into a controlled spreadsheet in April 2010. This spreadsheet had been programmed, verified, and released for use by Mr. Tony Byrd who was ARS's QA Manager at the time. The second type of error discovered was inadvertent typographically mistakes which were a direct result of manual data entry following the completion of the analysis. In most cases, the revised calculated activities were not significantly impacted by the errors; however, this was not always true. For example, several results that had previously been reported with activities higher than historical values, when recalculated using the corrected spreadsheet, yielded results that would now be considered non-detects.

As a result of these findings, ARS has initiated corrective actions in an effort to eliminate this problem. These actions include the review, correction, and re-submittal of all affected data and reports dating back to January 2008. ARS has also corrected the calculation spreadsheet and had the new spreadsheet manually verified by an independent party. As a more robust solution to the problem, ARS is currently in the process of having these calculations automated within its LIMS system. We plan to complete this programming in the early part of 2012. Until this

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programming is complete, ARS will have a second person perform a 100% review of all manual data entry associated with low level tritium calculations.

I sincerely apologize for any inconvenience that this situation may have caused or will cause in the future. We feel that the proposed corrective actions will eliminate the problem and prevent recurrence. In addition, we welcome any suggestions that can help improve the process. If I can be of further assistance, please feel free to contact me by email (jturner@amrad.com) or phone (225-381-2991).

Regards,

Jimmy Turner
Laboratory Manager
American Radiation Services, LLC

Attachment I

CAR 11-1308
LANL LLH3 Data

Description of Root Cause Investigation:

1) Existing and Prior Controlled spreadsheets used to calculate low level tritium activity were reviewed and evaluated to determine where the formula error occurred. This process determined that the error began in April 2010. All prior versions of spreadsheet did not contain the rounding function that has been in use since April 2010. In addition, existing spreadsheet was verified that all calculation cells were locked and password protected. Rounding error was not a result of inadvertent change.
2) Initially, all data from 2010 to 2011 was reviewed for typographical errors. All 13 columns of the spreadsheet where manual data entry occurs were reviewed against the raw data. This review was performed by Susan Leese of ARS. One error was found in 34 batches resulting in the incorrect reporting of 20 samples. This error occurred when the DPM values were entered into the average CPM column instead of the CPM values for the entire batch of samples. As a result of this finding, additional data from 2008 and 2009 was reviewed in the same manner. This review was conducted by Jimmy Turner of ARS and Lonnie Morris of AQA, each reviewing approximately 50% of the data. Typographical errors were found in 4 of 22 batches resulting in the incorrect reporting of 35 samples. These errors included incorrect activity reference dates and incorrect background values. None of these errors were caught during ARS's original review of data prior to release of final reports. In addition, more than 50% of the calculations were manually verified by Lonnie Morris of AQA and Susan Leese of ARS. No additional calculation errors were found, which confirmed that the spreadsheet in use prior to April 2010 was correct and did not contain any formulation errors.

Root Cause Investigation Results:

1) Spreadsheet placed in service in April 2010 by Tony Byrd contained an invalid formula in the average CPM column which caused the average CPM to round to the nearest whole number and thus calculate the results incorrectly. This error was isolated to this column of cells. All other formulas were correct.
2) Existing data review process for low level tritium does not include a 100 % review by a second person for manual data entry parameters. Since this process is manual there is high potential for human error. This process needs to be automated so that manual transcription errors do not occur.

Corrective Actions:

1)

A) Corrected existing spreadsheet to remove rounding formula from average CPM column so that calculation is performed correctly. Once completed, had an independent validator perform manual verification of all calculations. Once independent verification was completed, locked formula cells and password protected, and issued new spreadsheet for use. Also, previous version of spreadsheet was removed from use. Responsible Party: Virgene Mulligan, ARS, VP Laboratory Services. Independent Validator: Bob Shannon, Independent Contractor.

B) Recalculated all data from 2009 and 2010 using new spreadsheet and reported corrections on Form 1's to LANL. In addition, level IV data packages and EDD's will be revised and resubmitted to LANL by October 14, 2011. Responsible Party: Susan Leese, ARS, Project Manager.

C) Summarized before and after activities in a spreadsheet and submitted to LANL for review. Responsible Party: Susan Leese, ARS, Project Manager.

D) Program calculations and automate data reporting of Low Level Tritium analysis into TRAX Laboratory Information Management System so that a spreadsheet is no longer required. Once programmed, verify calculations are correct and release for use into the laboratory. Expected completion date is on or before March 31, 2012. Responsible Party: Virgene Mulligan, ARS, VP Laboratory Services and David Bowling, LIMS programmer.

2)

A) Compiled list of all low level tritium data for LANL from January 2008 thru March 2010 and submitted to Nita Patel and Lonnie Morris. Once compiled, list was split for review between Lonnie Morris and Jimmy Turner. All data was reviewed as stated above in the investigation, errors were corrected, and level IV data reports and EDD's were resubmitted to LANL. Responsible Party: Jimmy Turner, ARS, Laboratory Manager; Lonnie Morris, AQA; and Susan Leese, ARS, Project Manager.

B) See Item 1D above. Until completion of LIMS programming, data review procedure for manual data entry for Low Level Tritium will include a 100% review of all manually entered data by a second person. Manual review will be documented on printed spreadsheet by initials and date of person performing the review.

Nonconformance Report

NCR #: 11-1308
Assigned by QAO

Part A: Initiator (Deficiency Identification)

Describe Nonconformance:

1. Spreadsheet used for calculation of Low Level Tritium (LLH3) had cells formatted to round the values to the nearest whole number rather than using additional significant figures to calculate the activity of the LLH3.
2. DPM rather than CPM entered in spreadsheet for results reported for 17 samples from ARS batch ARS1-B10-05618 (LANL 11-473, 11-474, 11-571, 11-556, 11-564 (3 samples)).

Multiple	ARS-040
ARS Batch No.	ARS Procedure No.
Low Level Tritium	Electrolytic Enrichment
Analyte(s)	Method
Multiple - LANL	
ARS SDG(s)	

Virgene Mulligan	Virgene Mulligan	09-08-2011
Initiator's Signature	Name (print)	Date

Nonconformance Report

NCR #: 11-1308
Assigned by QAO

Part B: Responsible Manager (Investigation and Proposed Resolution)

1) Did this nonconformance affect analytical results? ◉ Yes ○ No

If Yes:

Identify affected client(s): LANL

ARS Sample ID(s) / SDG(s): Multiple

2) Is client contact required? ○ Yes (Part C Signature Required) ◉ No

3) Cause of Nonconformance:

All data calculations for Low Level Tritium are performed manually and are not connected in any way to the Laboratory Information Management System. The spreadsheets being used for LLH3 calculations had been manually verified and all cells had been locked and the spreadsheet was password protected. It is not clear how the rounding in the calculation occurred.

The DPM vs CPM issue occurred as a result of manual data entry. Values for the activity were very similar to the screening activity (i.e. LLH3 activity 93, screening activity 90); therefore, the fact that DPM rather than CPM was used in the calculations was not evident during data review.

4) Proposed Immediate Resolution Proposed Completion Date: 10-07-2011

Is retesting of sample required? ○ Yes ◉ No

Has Nonconformance item(s) been tagged Out of Service? ○ Yes ◉ N/A

Immediate Resolution Actions(s): *CAR Required* ◉ *Yes* ○ *No*

See attached

Long Term Action(s):

Susan Leese, Virgene Mulligan

Person(s) assigned to Implement Resolution

Virgene Mulligan

Responsible Manager's Signature

10-05-2011

Date

Nonconformance Report

NCR #: 11-1308
Assigned by QAO

Part C: QAO (Evaluation)

1) Route to Project Manager for Client Notification ☐ **N/A**

Project Manager's Signature _____ Date of Notification _____

2) Notify Regulation Body ☒ **N/A**

QAO's Signature _____ Date of Notification _____

3) Execute Immediate Resolution and Establish Completion Date ☐ **N/A**

Responsible Individual's Signature _____ Completion Date _____

4) Execute Corrective Action and Establish Completion Date ☐ **N/A**

Responsible Manager's Signature _____ Completion Date _____

5) Nonconformance Category (*Select Only One*)

○ PT Results	○ HS&E	○ Equipment
○ Batch QC Results	○ Contractual	○ Software
○ Instr. QC or Malfunction	○ Procedural	○ Prep
○ Missing or Defective Data	◉ Reporting Errors	○ Other

Additional Category Detail (e.g., Blank, LCS, Chemical Yield, Background, Lost Sample, etc?)

_____

Verification

Immediate Resolution Verified Complete: 10-05-2011 (Date) ☐ **N/A**

Corrective Actions Verified Complete: _____ (Date) ☐ **N/A**

OAO Comments:

QAO's Signature (Indicates NCR Complete) _____ Date _____

Nonconformance Report

NCR #: 11-1308
Assigned by QAO

Part D: Corrective Action Request

Responsible Manager (Investigation, Root Cause, and Proposed Corrective Actions(s))

1) Description of Root Cause Investigation

See attached

2) Results of Root Cause Determination

See Attached.

3) Proposed Corrective Action(s) and Preventive Measures
(Include Responsible Individual and Estimated Completion Date for each action)

See attached sheets

Responsible Manager's Signature

Date

Tritium Samples Analyzed by ARSL[a] from Springs and Wells Collected between January 2008 and May 2011

Location	Zone	Screen Depth (ft)	Sample Date	QC[b] Type	Sample ID	Original Result	Original Uncertainty	Original MDA[c]	Original Method	Original Qualifier	Updated Result	Updated Uncertainty	Updated MDA	Updated Method	Updated Qualifier	Unit
18-BG-1	Alluvial	10	03/04/08		CAPA-08-10936	24.171	7.44	2.586	LLH3		24.38	3.83	2.6	LLH3[d]		pCi/L
18-BG-1	Alluvial	10	09/11/08		CAPA-08-14940	37.448	5.776	2.736	LLH3		n/a[e]	n/a	n/a	n/a	n/a	pCi/L
18-BG-1	Alluvial	10	07/26/10		CAPA-10-24030	33.91	5.141	1.565	LLH3		34.22	5.2	1.57	LLH3		pCi/L
18-MW-11	Alluvial	27	03/05/08	FD[f]	CAPA-08-11108	46.139	13.985	3.608	LLH3		46.54	7.19	3.65	LLH3		pCi/L
18-MW-11	Alluvial	27	03/05/08		CAPA-08-11105	43.233	13.155	3.8	LLH3		43.61	6.78	3.83	LLH3		pCi/L
18-MW-11	Alluvial	27	07/30/10		CAPA-10-24034	55.941	8.493	2.746	LLH3		54.36	8.27	2.76	LLH3		pCi/L
18-MW-18	Alluvial	12.5	03/03/08		CAPA-08-10941	46.522	14.113	3.704	LLH3		46.95	7.26	3.74	LLH3		pCi/L
18-MW-18	Alluvial	12.5	09/12/08		CAPA-08-14955	39.536	6.086	2.733	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
18-MW-18	Alluvial	12.5	09/12/08	FD	CAPA-08-14960	37.713	5.808	2.628	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
18-MW-18	Alluvial	12.5	07/26/10		CAPA-10-24036	40.104	6.099	1.852	LLH3		40.47	6.15	1.88	LLH3		pCi/L
18-MW-8	Alluvial	8	03/03/08		CAPA-08-10938	41.605	12.676	3.64	LLH3		41.96	6.52	3.68	LLH3		pCi/L
18-MW-8	Alluvial	8	07/29/10		CAPA-10-24040	57.634	8.717	1.916	LLH3		54.87	8.31	1.95	LLH3		pCi/L
18-MW-8	Alluvial	8	07/29/10	FD	CAPA-10-24041	55.782	8.461	2.107	LLH3		55.22	8.37	2.13	LLH3		pCi/L
18-MW-9	Alluvial	6	09/11/08		CAPA-08-14946	35.688	5.505	2.631	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
18-MW-9	Alluvial	6	08/03/10		CAPA-10-24044	58.464	8.845	1.948	LLH3		59.54	9.01	1.98	LLH3		pCi/L
3MAO-2	Alluvial	14.7	12/15/08		CAPA-09-1155	51.222	7.903	3.723	LLH3		51.67	7.97	3.76	LLH3		pCi/L
3MAO-2	Alluvial	14.7	12/16/09	FD	CAPA-10-6753	153.392	23.085	2.044	LLH3		134.25	20.2	1.8	LLH3		pCi/L
3MAO-2	Alluvial	14.7	12/16/09		CAPA-10-6767	153.296	23.085	2.586	LLH3		134.19	20.2	2.25	LLH3		pCi/L
3MAO-2	Alluvial	14.7	06/07/10	FD	CAPA-10-17743	72.385	10.952	2.363	LLH3		73.02	11.04	2.39	LLH3		pCi/L
3MAO-2	Alluvial	14.7	06/07/10		CAPA-10-17746	-1.82	0.671	2.139	LLH3	U[g]	-1.82	0.67	2.15	LLH3	U	pCi/L
3MAO-2	Alluvial	14.7	10/21/10		CAPA-10-26889	68.266	10.313	2.171	LLH3		71.67	10.84	2.31	LLH3		pCi/L
APCO-1	Alluvial	4.7	03/16/11		CAPU-11-5269	-2.012	0.639	2.075	LLH3	U	0.38	0.63	2.1	LLH3	U	pCi/L
CDBO-6	Alluvial	34	08/18/08		CAMO-08-14436	40.04	6.207	3.353	LLH3		40.38	6.27	3.4	LLH3		pCi/L
CDBO-6	Alluvial	34	08/02/10		CAPA-10-24065	56.899	8.621	2.171	LLH3		53.88	8.18	2.17	LLH3		pCi/L
CDV-16-02655	Alluvial	2.3	04/13/10		CAWA-10-15291	36.975	3.193	2.171	LLH3		82.09	12.37	1.88	LLH3		pCi/L
CDV-16-02656	Alluvial	3	10/07/08		CAWA-08-15975	41.624	6.428	3.461	LLH3		41.99	6.48	3.49	LLH3		pCi/L
CDV-16-02657	Alluvial	0.4	04/16/10		CAWA-10-15293	58.145	8.781	1.628	LLH3		59.33	8.96	1.65	LLH3		pCi/L
CDV-16-02659	Alluvial	1.7	10/08/08		CAWA-08-15985	32.878	5.134	3.423	LLH3		33.17	5.18	3.45	LLH3		pCi/L
CDV-16-02659	Alluvial	1.7	09/09/10		CAWA-10-25738	34.804	5.332	2.427	LLH3		39.02	5.97	2.45	LLH3		pCi/L
FLC-16-25278	Alluvial	1.6	04/07/10		CAWA-10-15286	0.096	3.193	1.724	LLH3	U	38.3	5.82	1.81	LLH3		pCi/L
FLC-16-25279	Alluvial	2.7	04/05/10		CAWA-10-15109	34.931	5.332	2.171	LLH3		35.23	5.39	2.2	LLH3		pCi/L
FLC-16-25280	Alluvial	2.6	04/05/10		CAWA-10-15115	33.718	5.141	2.044	LLH3		34.03	5.19	2.06	LLH3		pCi/L
LAO-0.3	Alluvial	5.9	09/02/08		CALA-08-13845	29.123	4.611	3.385	LLH3		28.81	4.57	3.49	LLH3		pCi/L
LAO-0.3	Alluvial	5.9	03/07/11		CALA-11-5208	-1.628	0.511	1.628	LLH3	U	0.34	0.5	1.65	LLH3	U	pCi/L
LAO-0.6	Alluvial	8	08/29/08		CALA-08-13821	27.057	4.301	3.324	LLH3		26.74	4.26	3.43	LLH3		pCi/L
LAO-0.6	Alluvial	8	03/08/11		CALA-11-5212	26.885	4.119	1.724	LLH3		27.66	4.25	1.74	LLH3		pCi/L
LAO-1	Alluvial	8	09/02/08		CALA-08-13823	38.303	5.971	3.471	LLH3		38.06	5.94	3.58	LLH3		pCi/L
LAO-1.6g	Alluvial	10.47	08/27/08		CALA-08-13825	21.521	3.503	3.375	LLH3		21.14	3.46	3.48	LLH3		pCi/L
LAO-2	Alluvial	7	08/28/08		CALA-08-13840	17.526	2.931	3.362	LLH3		17.12	2.89	3.47	LLH3		pCi/L
LAO-3a	Alluvial	4.7	09/02/08		CALA-08-13860	24.669	3.943	3.231	LLH3		24.34	3.9	3.33	LLH3		pCi/L
LAO-3a	Alluvial	4.7	09/02/08	FD	CALA-08-13863	21.993	3.563	3.298	LLH3		21.63	3.52	3.4	LLH3		pCi/L
LAO-3a	Alluvial	4.7	03/11/11	FD	CALA-11-5227	9.132	1.628	2.459	LLH3		10.44	1.82	2.48	LLH3		pCi/L
LAO-3a	Alluvial	4.7	03/11/11		CALA-11-5224	-2.012	0.639	2.107	LLH3	U	0.18	0.62	2.11	LLH3	U	pCi/L
LAO-4.5c	Alluvial	13.3	08/29/08		CALA-08-13841	34.615	5.438	3.595	LLH3		34.32	5.4	3.71	LLH3		pCi/L
LAO-B	Alluvial	11.84	03/07/11	FD	CALA-11-5242	19.797	3.097	1.98	LLH3		21.45	3.34	1.99	LLH3		pCi/L
LAO-B	Alluvial	11.84	03/07/11		CALA-11-5238	19.477	3.065	1.948	LLH3		18.97	2.98	1.96	LLH3		pCi/L
LAUZ-1	Alluvial	5.35	03/14/11		CALA-11-5246	32.92	5.077	2.395	LLH3		34.79	5.37	2.42	LLH3		pCi/L

Tritium Samples Analyzed by ARSL[a] from Springs and Wells Collected between January 2008 and May 2011

Location	Zone	Screen Depth (ft)	Sample Date	QC[b] Type	Sample ID	Original Result	Original Uncertainty	Original MDA[c]	Original Method	Original Qualifier	Updated Result	Updated Uncertainty	Updated MDA	Updated Method	Updated Qualifier	Unit
LLAO-1b	Alluvial	11.32	01/25/08		CALA-08-9757	18.666	6.776	5.786	LLH3		18.71	3.46	5.8	LLH3		pCi/L
LLAO-1b	Alluvial	11.32	08/26/10		CALA-10-25244	10.122	1.756	2.491	LLH3		11.75	1.98	2.51	LLH3		pCi/L
LLAO-4	Alluvial	5.24	01/25/08		CALA-08-9759	18.698	6.297	4.253	LLH3		18.74	3.22	4.26	LLH3		pCi/L
LLAO-4	Alluvial	5.24	08/27/08		CALA-08-13928	11.348	2.107	3.506	LLH3		10.86	2.06	3.62	LLH3		pCi/L
LLAO-4	Alluvial	5.24	08/26/10		CALA-10-25247	2.171	0.734	2.171	LLH3	U	1.63	0.72	2.19	LLH3	U	pCi/L
MCO-0.6	Alluvial	1.05	08/12/08		CAMO-08-14442	12.772	2.28	3.353	LLH3		12.9	2.29	3.38	LLH3		pCi/L
MSC-16-06293	Alluvial	2	04/07/10		CAWA-10-15108	-1.373	3.193	1.788	LLH3	U	44.01	6.67	1.73	LLH3	U	pCi/L
MSC-16-06295	Alluvial	1.5	09/14/10		CAWA-10-25763	38.124	5.811	2.171	LLH3		39.05	5.96	2.19	LLH3		pCi/L
PAO-1	Alluvial	5.89	09/03/08		CAPU-08-14575	22.597	3.672	3.48	LLH3		22.21	3.63	3.59	LLH3		pCi/L
PAO-2	Alluvial	6.06	09/03/08		CAPU-08-14570	23.465	3.793	3.455	LLH3		23.09	3.75	3.56	LLH3		pCi/L
PCAO-5	Alluvial	14.7	12/17/09		CAPA-10-6390	44.83	6.801	2.171	LLH3		39.23	5.96	1.9	LLH3		pCi/L
PCAO-5	Alluvial	14.7	12/17/09	FD	CAPA-10-6746	43.553	6.641	2.235	LLH3		38.1	5.8	1.96	LLH3		pCi/L
PCAO-5	Alluvial	14.7	10/18/10		CAPA-10-26891	40.455	6.162	2.235	LLH3		40.82	6.23	2.24	LLH3		pCi/L
PCAO-6	Alluvial	8	06/04/10		CAPA-10-17775	30.174	4.598	1.82	LLH3		30.44	4.65	1.85	LLH3		pCi/L
PCAO-7a	Alluvial	9.7	12/04/08		CAPA-09-1143	27.3	4.269	2.81	LLH3		27.54	4.31	2.85	LLH3		pCi/L
PCAO-7a	Alluvial	9.7	10/20/10		CAPA-10-26901	56.516	8.557	2.235	LLH3		61.31	9.29	2.38	LLH3		pCi/L
PCAO-7b2	Alluvial	10	09/13/08		CAPA-08-14985	34.146	5.272	2.558	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
PCAO-7b2	Alluvial	10	12/18/08		CAPA-09-1147	36.221	5.658	3.461	LLH3		36.54	5.71	3.49	LLH3		pCi/L
PCAO-7b2	Alluvial	10	10/21/10		CAPA-10-26904	59.549	9.004	2.107	LLH3		61.03	9.24	2.23	LLH3		pCi/L
PCAO-7c	Alluvial	9.7	12/03/08		CAPA-09-1153	33.814	5.246	2.906	LLH3		34.12	5.29	2.92	LLH3		pCi/L
PCAO-7c	Alluvial	9.7	10/07/10		CAPA-10-26906	69.256	10.505	2.969	LLH3		69.87	10.61	3.01	LLH3		pCi/L
PCAO-8	Alluvial	9.7	06/08/10		CAPA-10-17777	44.127	6.737	2.522	LLH3		44.5	6.78	2.53	LLH3		pCi/L
PCAO-9	Alluvial	6	06/03/10		CAPA-10-17780	52.046	7.855	1.597	LLH3		52.49	7.93	1.6	LLH3		pCi/L
PCO-2	Alluvial	1.5	03/07/08		CAPA-08-10944	30.142	9.355	3.608	LLH3		30.41	9.44	3.64	LLH3		pCi/L
PCO-2	Alluvial	1.5	12/10/08		CAPA-09-1161	35.097	5.505	3.595	LLH3		35.41	5.55	3.63	LLH3		pCi/L
PCO-2	Alluvial	1.5	06/02/10		CAPA-10-17565	38.38	5.843	1.788	LLH3		38.72	5.88	1.8	LLH3		pCi/L
SCA-2	Alluvial	10.3	02/12/08		CASA-08-10654	12.421	4.566	4.055	LLH3		12.53	2.36	4.08	LLH3		pCi/L
SCA-2	Alluvial	10.3	08/11/08		CASA-08-14345	28.577	4.528	3.448	LLH3		28.82	4.58	3.47	LLH3		pCi/L
SCA-4	Alluvial	37	02/12/08		CASA-08-10658	26.215	8.27	3.8	LLH3		26.46	4.26	3.84	LLH3		pCi/L
SCA-4	Alluvial	37	08/11/08		CASA-08-14350	25.065	4.074	3.8	LLH3		25.29	4.1	3.82	LLH3		pCi/L
TMO-1	Alluvial	3.5	09/12/08		CAPA-08-14998	37.151	5.728	2.711	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
TMO-1	Alluvial	3.5	06/02/10		CAPA-10-17787	31.419	4.79	2.012	LLH3		31.68	4.85	2.04	LLH3		pCi/L
WCO-1r	Alluvial	6	09/20/10		CAWA-10-25771	39.37	5.971	1.884	LLH3		40.67	6.18	1.91	LLH3		pCi/L
Campsite Springs	Alluvial Spring	0	08/30/10		CALA-10-25650	2.171	0.766	2.171	LLH3	U	-0.2	0.65	2.2	LLH3	U	pCi/L
DP Spring	Alluvial Spring	0	09/03/08		CALA-08-13813	27.051	4.301	3.321	LLH3		26.73	4.26	3.42	LLH3		pCi/L
TW-1.72 Spring	Alluvial Spring	0	12/11/08		CAPA-09-1108	13.391	2.376	3.519	LLH3		13.51	2.4	3.55	LLH3		pCi/L
16-26644	Intermediate	130	04/20/10	FD	GW16-10-15978	33.558	5.141	2.171	LLH3		34.09	5.22	2.22	LLH3		pCi/L
16-26644	Intermediate	130	04/20/10		GW16-10-15981	31.387	4.79	2.012	LLH3		32.22	4.93	2.03	LLH3		pCi/L
16-26644	Intermediate	130	07/22/10	FD	RE16-10-24529	16.189	2.586	2.267	LLH3		16.32	2.59	2.28	LLH3		pCi/L
16-26644	Intermediate	130	07/22/10		RE16-10-24527	14.273	2.427	3.353	LLH3		14.4	2.48	3.39	LLH3		pCi/L
16-26644	Intermediate	130	11/02/10		RE16-11-1720	23.852	3.672	1.884	LLH3		23.83	3.68	1.99	LLH3		pCi/L
16-26644	Intermediate	130	03/02/11		RE16-11-3293	15.103	2.427	2.075	LLH3		16.89	2.68	2.09	LLH3		pCi/L
16-26644	Intermediate	130	03/02/11	FD	RE16-11-3298	12.804	2.044	1.756	LLH3		12.3	1.98	1.77	LLH3		pCi/L
CdV-16-1(i)	Intermediate	624	09/13/10		CAWA-10-25807	2.874	0.734	1.916	LLH3		0.94	0.6	1.93	LLH3	U	pCi/L
CdV-16-2(i)r	Intermediate	850	09/07/10		CAWA-10-25779	9.994	1.724	2.459	LLH3		6.73	1.3	2.47	LLH3		pCi/L
CdV-16-2(i)r	Intermediate	850	09/07/10	FD	CAWA-10-25777	2.842	0.99	2.842	LLH3	U	6.72	1.38	2.88	LLH3		pCi/L
CdV-16-4ip	Intermediate	815.6	08/31/10		CAWA-10-26041	17.338	2.682	1.469	LLH3		16.03	2.49	1.49	LLH3		pCi/L

Tritium Samples Analyzed by ARSL[a] from Springs and Wells Collected between January 2008 and May 2011

Location	Zone	Screen Depth (ft)	Sample Date	QC[b] Type	Sample ID	Original Result	Original Uncertainty	Original MDA[c]	Original Method	Original Qualifier	Updated Result	Updated Uncertainty	Updated MDA	Updated Method	Updated Qualifier	Unit
CdV-16-4ip	Intermediate	1110	09/18/10		CAWA-10-26044	16.22	2.586	2.267	LLH3		19.61	3.08	1.93	LLH3		pCi/L
CdV-16-4ip	Intermediate	1110	11/02/10		CAWA-11-1631	23.948	3.704	2.012	LLH3		7.06	1.26	2.04	LLH3		pCi/L
CdV-16-4ip	Intermediate	815.6	03/07/11		CAWA-11-5673	17.466	2.81	2.395	LLH3		15.58	2.53	2.42	LLH3		pCi/L
CdV-16-4ip	Intermediate	1110	03/31/11		CAWA-11-5666	3.576	0.894	2.171	LLH3		3.4	0.88	2.2	LLH3		pCi/L
CDV-37-1(i)	Intermediate	632	04/01/10		CAWA-10-15170	0.16	0.511	1.756	LLH3	U	0.17	0.53	1.77	LLH3	U	pCi/L
CDV-37-1(i)	Intermediate	632	09/21/10		CAWA-10-25902	3.385	0.894	2.267	LLH3		1.39	0.73	2.64	LLH3	U	pCi/L
CDV-37-1(i)	Intermediate	632	12/01/10		CAWA-11-2117	7.312	4.055	5.556	LLH3		0.26	0.52	1.74	LLH3	U	pCi/L
CDV-37-1(i)	Intermediate	632	03/31/11		CAWA-11-5324	3.448	0.862	2.107	LLH3		1.22	0.67	2.12	LLH3	U	pCi/L
LADP-3	Intermediate	316	08/20/10		CALA-10-24991	71.332	10.76	1.724	LLH3		69.14	10.44	1.73	LLH3		pCi/L
LADP-3	Intermediate	316	03/07/11		CALA-11-5094	78.324	11.846	2.235	LLH3		77.72	11.76	2.26	LLH3		pCi/L
LAOI(a)-1.1	Intermediate	295.2	09/03/08		CALA-08-13865	0.77	0.987	3.276	LLH3	U	0.23	1	3.38	LLH3	U	pCi/L
LAOI(a)-1.1	Intermediate	295.2	03/08/11		CALA-11-5112	-2.044	0.639	2.044	LLH3	U	0.7	0.63	2.06	LLH3	U	pCi/L
LAOI-3.2	Intermediate	153.3	08/28/08		CALA-08-13888	3100.889	182.245	189.718	EPA 906.0		3100.89	182.25	189.72	EPA 906.0		pCi/L
PCI-2	Intermediate	512	06/07/10	PEB[h]	CAPA-10-17854	-2.522	0.734	2.235	LLH3	U	-2.55	0.75	2.26	LLH3	U	pCi/L
PCI-2	Intermediate	512	06/07/10	FD	CAPA-10-17852	-3.129	0.766	2.235	LLH3	U	-3.15	0.79	2.25	LLH3	U	pCi/L
PCI-2	Intermediate	512	06/07/10		CAPA-10-17850	-3.161	0.798	2.267	LLH3	U	-3.19	0.8	2.28	LLH3	U	pCi/L
PCI-2	Intermediate	512	08/02/10	PEB	CAPA-10-24138	0.575	0.798	2.65	LLH3	U	-3	0.88	2.67	LLH3	U	pCi/L
PCI-2	Intermediate	512	10/11/10		CAPA-10-26957	8.493	1.469	2.075	LLH3		8.57	1.49	2.11	LLH3		pCi/L
POI-4	Intermediate	159	03/11/11		CAPU-11-5282	13.698	2.235	2.267	LLH3		16.43	2.65	2.28	LLH3		pCi/L
R-12	Intermediate	504.5	08/19/08		CASA-08-14365	29.503	4.691	3.608	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
R-12	Intermediate	459	08/20/08		CASA-08-14847	53.227	8.193	3.544	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
R-12	Intermediate	504.5	02/11/09		CASA-09-9290	67.117	18.232	6.865	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
R-12	Intermediate	459	05/05/10		CASA-10-16747	64.307	9.707	1.724	LLH3		65.34	9.87	1.73	LLH3		pCi/L
R-12	Intermediate	504.5	05/17/10		CASA-10-16749	40.711	6.194	1.724	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
R-12	Intermediate	459	11/17/10		CASA-11-1356	122.646	68.279	223.237	EPA 906.0	U	122.65	68.28	223.24	EPA 906.0	U	pCi/L
R-12	Intermediate	504.5	11/17/10		CASA-11-1359	55.654	1.149	2.331	LLH3		55.01	8.34	2.35	LLH3		pCi/L
R-19	Intermediate	909.3	06/02/10		CAPA-10-17572	0.319	0.575	1.948	LLH3	U	0.32	0.59	1.97	LLH3	U	pCi/L
R-19	Intermediate	909.3	10/15/10		CAPA-10-26954	3.576	0.958	2.427	LLH3		0.69	0.75	2.45	LLH3	U	pCi/L
R-23i	Intermediate	470.2	12/03/08		CAPA-09-1188	16.795	2.752	2.842	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
R-23i	Intermediate	400.3	06/15/10		CAPA-10-17584	93.842	14.145	1.948	LLH3		94.92	14.3	1.95	LLH3		pCi/L
R-23i	Intermediate	524	06/16/10		CAPA-10-17580	28.066	4.311	2.139	LLH3		25.95	4	2.14	LLH3		pCi/L
R-23i	Intermediate	470.2	06/17/10		CAPA-10-17577	21.744	3.353	1.66	LLH3		21.68	3.34	1.66	LLH3		pCi/L
R-23i	Intermediate	470.2	10/18/10		CAPA-10-26945	30.685	4.726	2.427	LLH3		30.62	4.72	2.44	LLH3		pCi/L
R-23i	Intermediate	524	10/18/10	FD	CAPA-10-26951	34.452	5.3	2.395	LLH3		31.29	4.82	2.43	LLH3		pCi/L
R-23i	Intermediate	524	10/18/10		CAPA-10-26948	28.29	4.311	1.628	LLH3		30.53	4.65	1.63	LLH3		pCi/L
R-23i	Intermediate	400.3	10/21/10		CAPA-10-26931	98.887	14.911	2.267	LLH3		106.22	16.02	2.41	LLH3		pCi/L
R-23i	Intermediate	524	04/18/11		CAPA-11-9575	25.161	3.927	2.331	LLH3		25.38	3.96	2.34	LLH3		pCi/L
R-23i	Intermediate	400.3	04/28/11		CAPA-11-9568	65.041	9.866	1.948	LLH3		65.62	9.95	1.97	LLH3		pCi/L
R-25	Intermediate	754.8	09/21/10		CAWA-10-25800	29.471	4.566	2.65	LLH3		29.67	4.6	2.67	LLH3		pCi/L
R-25	Intermediate	891.8	09/21/10		CAWA-10-25814	37.582	5.779	2.618	LLH3		34.77	5.35	2.64	LLH3		pCi/L
R-25	Intermediate	1192.4	09/21/10		CAWA-10-25802	26.981	4.183	2.491	LLH3		29.4	4.4	2.52	LLH3		pCi/L
R-25b	Intermediate	750	04/21/10		CAWA-10-15174	2.491	0.712	1.924	LLH3		3.31	0.79	1.89	LLH3		pCi/L
R-25b	Intermediate	750	09/08/10		CAWA-10-25899	3.736	0.958	2.491	LLH3		4.49	1.05	2.51	LLH3		pCi/L
R-26	Intermediate	659.3	10/07/08		CAWA-08-16044	-6.641	1.328	3.321	LLH3	U	-6.7	1.34	3.35	LLH3	U	pCi/L
R-26	Intermediate	659.3	08/13/10		CAWA-10-24737	0.383	0.543	1.756	LLH3	U	-1.53	0.56	1.77	LLH3	U	pCi/L
R-27i	Intermediate	619	04/15/10		CAWA-10-15169	-0.447	0.639	2.107	LLH3	U	-0.66	0.64	2.15	LLH3	U	pCi/L
R-27i	Intermediate	619	09/20/10		CAWA-10-25906	3.544	0.926	2.363	LLH3		1.58	0.77	2.28	LLH3	U	pCi/L

Tritium Samples Analyzed by ARSL[a] from Springs and Wells Collected between January 2008 and May 2011

Location	Zone	Screen Depth (ft)	Sample Date	QC[b] Type	Sample ID	Original Result	Original Uncertainty	Original MDA[c]	Original Method	Original Qualifier	Updated Result	Updated Uncertainty	Updated MDA	Updated Method	Updated Qualifier	Unit
R-27i	Intermediate	619	12/01/10		CAWA-11-2116	9.803	5.428	7.44	LLH3		3.06	0.87	2.32	LLH3		pCi/L
R-27i	Intermediate	619	04/04/11		CAWA-11-5320	-1.692	0.639	2.171	LLH3	U	-0.61	0.64	2.19	LLH3	U	pCi/L
R-37	Intermediate	929.3	12/18/09		CAPA-10-6823	26.31	4.087	2.331	LLH3		23.03	3.58	2.03	LLH3		pCi/L
R-37	Intermediate	929.3	06/16/10		CAPA-10-17949	42.052	6.418	2.586	LLH3		39.88	6.1	2.61	LLH3		pCi/L
R-37	Intermediate	929.3	08/05/10		CAPA-10-24066	34.101	5.205	1.852	LLH3		34.41	5.25	1.88	LLH3		pCi/L
R-37	Intermediate	929.3	10/12/10		CAPA-10-26914	51.248	7.791	2.395	LLH3		54.7	8.31	2.41	LLH3		pCi/L
R-37	Intermediate	929.3	01/21/11		CAPA-11-2990	44.223	6.737	2.554	LLH3		45.28	6.91	2.57	LLH3		pCi/L
R-37	Intermediate	929.3	01/21/11	FD	CAPA-11-2999	27.204	4.151	1.373	LLH3		27.58	4.2	1.37	LLH3		pCi/L
R-3i	Intermediate	215.2	09/03/08		CAPU-08-14785	40.947	6.344	3.273	LLH3		40.76	6.32	3.37	LLH3		pCi/L
R-3i	Intermediate	215.2	03/22/11		CAPU-11-5287	58.847	8.972	2.522	LLH3		61.86	9.42	2.54	LLH3		pCi/L
R-40	Intermediate	751.6	06/04/10		CAPA-10-17906	-0.351	0.447	1.469	LLH3	U	-0.35	0.44	1.48	LLH3	U	pCi/L
R-40	Intermediate	649.7	07/28/10		CAPA-10-24070	4.566	0.958	1.98	LLH3		1.78	0.68	2.01	LLH3	U	pCi/L
R-40	Intermediate	751.6	07/28/10		CAPA-10-24073	17.146	2.714	2.012	LLH3		-0.06	0.61	2.04	LLH3	U	pCi/L
R-40	Intermediate	649.7	10/20/10		CAPA-10-26917	1.82	0.702	2.075	LLH3	U	0.8	0.68	2.2	LLH3	U	pCi/L
R-40	Intermediate	751.6	10/20/10		CAPA-10-26922	2.012	0.766	2.299	LLH3	U	-0.11	0.72	2.44	LLH3	U	pCi/L
R-40	Intermediate	751.6	01/21/11		CAPA-11-2996	1.788	0.639	1.852	LLH3	U	1.86	0.65	1.88	LLH3	U	pCi/L
R-47i	Intermediate	840	04/08/10		CAWA-10-15220	50.13	3.193	1.852	LLH3		-1.5	0.62	2	LLH3	U	pCi/L
R-47i	Intermediate	840	09/23/10		CAWA-10-25908	3.512	0.99	2.682	LLH3		3.26	0.98	2.71	LLH3		pCi/L
R-47i	Intermediate	840	12/02/10		CAWA-11-2122	9.26	5.173	7.12	LLH3		0.52	0.68	2.22	LLH3	U	pCi/L
R-47i	Intermediate	840	04/07/11		CAWA-11-5375	-0.447	0.734	2.554	LLH3	U	-0.45	0.75	2.59	LLH3	U	pCi/L
R-47i	Intermediate	840	04/07/11	FD	CAWA-11-5378	-0.671	0.639	2.235	LLH3	U	-0.67	0.66	2.26	LLH3	U	pCi/L
R-5	Intermediate	383.9	03/09/11		CAPU-11-5283	-2.107	0.671	2.171	LLH3	U	0.29	0.65	2.19	LLH3	U	pCi/L
R-55i	Intermediate	510	03/23/11		CAPA-11-4734	-1.916	0.734	2.491	LLH3	U	0.48	0.75	2.5	LLH3	U	pCi/L
R-6i	Intermediate	602	08/27/08	FD	CALA-08-13892	3175.836	185.994	189.809	EPA 906.0		3175.84	185.99	189.81	EPA 906.0		pCi/L
R-6i	Intermediate	602	08/27/08		CALA-08-13889	3079.671	181.231	190.008	EPA 906.0		3079.67	181.23	190.01	EPA 906.0		pCi/L
R-9i	Intermediate	198.8	08/29/08		CALA-08-13878	61.015	9.33	3.254	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
R-9i	Intermediate	278.8	09/02/08		CALA-08-13881	87.721	13.34	3.551	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
R-9i	Intermediate	198.8	08/23/10		CALA-10-25201	96.716	14.592	2.012	LLH3		97.7	14.73	2.03	LLH3		pCi/L
R-9i	Intermediate	198.8	03/17/11		CALA-11-5106	-1.82	0.575	1.884	LLH3	U	n/a	n/a	n/a	n/a	n/a	pCi/L
R-9i	Intermediate	278.8	03/18/11		CALA-11-5110	-1.852	0.607	1.916	LLH3	U	n/a	n/a	n/a	n/a	n/a	pCi/L
SCI-1	Intermediate	358.4	08/19/08		CASA-08-14366	66.893	10.214	3.417	LLH3		67.47	10.3	3.44	LLH3		pCi/L
SCI-1	Intermediate	358.4	05/07/10		CASA-10-16757	68.65	10.377	1.82	LLH3		70.87	10.7	1.84	LLH3		pCi/L
SCI-1	Intermediate	358.4	11/16/10		CASA-11-1360	298.641	44.862	2.554	LLH3		88.18	13.32	2.57	LLH3		pCi/L
SCI-2	Intermediate	548	02/13/09		CASA-09-2992	374.754	61.147	180.983	EPA 906.0		374.75	61.15	180.98	EPA 906.0		pCi/L
SCI-2	Intermediate	548	05/06/10		CASA-10-16763	505.135	78.753	229.621	LLH3		505.14	78.75	229.62	EPA:906.0		pCi/L
SCI-2	Intermediate	548	11/16/10		CASA-11-1363	680.047	77.734	206.996	EPA 906.0		680.05	77.73	207	EPA:906.0		pCi/L
TA-53i	Intermediate	600	08/25/10	FD	CALA-10-25210	477.185	80.35	239.827	EPA 906.0		477.18	80.35	239.83	EPA:906.0		pCi/L
TA-53i	Intermediate	600	08/25/10		CALA-10-25207	434.713	80.158	242.816	EPA 906.0		434.71	80.16	242.82	EPA:906.0		pCi/L
TA-53i	Intermediate	600	08/25/10	PEB	CALA-10-25211	2.459	0.862	2.491	LLH3	U	-0.95	0.74	2.5	LLH3	U	pCi/L
TW-2Ar	Intermediate	102	04/29/10		CALA-10-16926	238.581	35.857	2.203	LLH3		240.67	36.17	2.22	LLH3		pCi/L
TW-2Ar	Intermediate	102	08/23/10		CAPU-10-25281	275.492	41.413	2.65	LLH3		276.2	41.82	2.66	LLH3		pCi/L
TW-2Ar	Intermediate	102	12/09/10		CAPU-11-2225	407.65	60.739	177.48	EPA 906.0		407.65	60.74	177.48	EPA:906.0		pCi/L
TW-2Ar	Intermediate	102	03/14/11	FD	CAPU-11-5311	359.44	77.58	242.372	EPA 906.0		359.44	77.58	242.37	EPA:906.0		pCi/L
TW-2Ar	Intermediate	102	03/14/11		CAPU-11-5308	153.845	74.559	243.137	EPA 906.0	U	153.85	74.56	243.14	EPA:906.0	U	pCi/L
Anderson Spring	Intermediate Spring	0	03/10/08		CAPA-08-10969	17.657	5.843	3.672	LLH3		17.81	3.01	3.7	LLH3		pCi/L
Anderson Spring	Intermediate Spring	0	09/10/08		CAPA-08-14916	3.943	1.038	2.647	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
Anderson Spring	Intermediate Spring	0	08/09/10		CAPA-10-24004	8.749	1.437	1.628	LLH3		8.84	1.46	1.64	LLH3		pCi/L

Tritium Samples Analyzed by ARSL[a] from Springs and Wells Collected between January 2008 and May 2011

Location	Zone	Screen Depth (ft)	Sample Date	QC[b] Type	Sample ID	Original Result	Original Uncertainty	Original MDA[c]	Original Method	Original Qualifier	Updated Result	Updated Uncertainty	Updated MDA	Updated Method	Updated Qualifier	Unit
Barbara Spring	Intermediate Spring	0	09/17/10		CAAN-10-25921	2.874	0.734	1.916	LLH3		1.86	0.66	2.38	LLH3	U	pCi/L
Basalt Spring	Intermediate Spring	0	01/25/08		CALA-08-9808	25.595	2.922	3.653	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
Basalt Spring	Intermediate Spring	0	08/25/10		CALA-10-25233	51.312	7.791	2.267	LLH3		55.04	8.35	2.3	LLH3		pCi/L
Bulldog Spring	Intermediate Spring	0	03/11/08		CAPA-08-10974	35.283	10.728	2.969	LLH3		35.59	5.52	3	LLH3		pCi/L
Bulldog Spring	Intermediate Spring	0	09/12/08		CAPA-08-14928	48.198	7.379	2.781	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
Bulldog Spring	Intermediate Spring	0	10/08/10		CAPA-10-26883	48.661	7.408	2.65	LLH3		49.09	7.48	2.67	LLH3		pCi/L
Burning Ground Spring	Intermediate Spring	0	10/07/08		CAWA-08-15956	31.445	4.92	3.41	LLH3		31.72	4.96	3.44	LLH3		pCi/L
Burning Ground Spring	Intermediate Spring	0	10/07/08	FD	CAWA-08-15958	28.229	4.441	3.308	LLH3		28.48	4.48	3.34	LLH3		pCi/L
Burning Ground Spring	Intermediate Spring	0	09/10/10		CAWA-10-25704	44.798	6.801	2.171	LLH3		46.72	7.1	2.17	LLH3		pCi/L
CDV-5.0 SPRING	Intermediate Spring	0	09/24/10	FD	CAWA-10-25709	28.035	4.311	2.012	LLH3		27.84	4.28	2.03	LLH3		pCi/L
CDV-5.0 SPRING	Intermediate Spring	0	09/24/10		CAWA-10-25706	10.697	1.82	2.395	LLH3		10	1.72	2.41	LLH3		pCi/L
Charlie's Spring	Intermediate Spring	0	03/11/08		CAPA-08-10972	28.833	9.036	3.768	LLH3		29.09	4.65	3.8	LLH3		pCi/L
Charlie's Spring	Intermediate Spring	0	09/11/08		CAPA-08-14925	28.501	4.451	2.733	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
Charlie's Spring	Intermediate Spring	0	08/10/10		CAPA-10-24006	23.66	3.64	1.948	LLH3		23.88	3.68	1.95	LLH3		pCi/L
Charlie's Spring	Intermediate Spring	0	08/10/10	FD	CAPA-10-24009	21.776	3.353	1.788	LLH3		21.97	3.39	1.8	LLH3		pCi/L
Fish Ladder Spring	Intermediate Spring	0	04/14/10		CAWA-10-15922	35.666	5.428	1.852	LLH3		36.32	5.53	1.88	LLH3		pCi/L
Homestead Spring	Intermediate Spring	0	03/11/08		CAPA-08-10961	30.844	9.515	3.353	LLH3		31.11	4.9	3.38	LLH3		pCi/L
Homestead Spring	Intermediate Spring	0	03/11/08	FD	CAPA-08-11013	26.342	8.206	3.193	LLH3		26.57	4.22	3.22	LLH3		pCi/L
Homestead Spring	Intermediate Spring	0	09/11/08	FD	CAPA-08-14911	23.631	3.739	2.787	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
Homestead Spring	Intermediate Spring	0	09/11/08		CAPA-08-14909	21.422	3.401	2.618	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
Homestead Spring	Intermediate Spring	0	08/10/10		CAPA-10-24012	24.586	3.832	2.618	LLH3		24.8	3.87	2.63	LLH3		pCi/L
Kieling Spring	Intermediate Spring	0	03/11/08		CAPA-08-10981	29.439	9.036	2.969	LLH3		29.7	4.65	3	LLH3		pCi/L
Kieling Spring	Intermediate Spring	0	09/12/08		CAPA-08-14918	46.308	7.104	2.896	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
Kieling Spring	Intermediate Spring	0	10/08/10		CAPA-10-26884	58.879	8.94	2.778	LLH3		59.4	9.03	2.8	LLH3		pCi/L
Los Alamos Spring	Intermediate Spring	0	01/25/08		CALA-08-9789	1.673	2.072	3.372	LLH3	U	1.69	1.06	3.39	LLH3	U	pCi/L
Los Alamos Spring	Intermediate Spring	0	08/25/10	FD	CALA-10-25240	35.889	5.492	2.203	LLH3		37.46	5.72	2.21	LLH3		pCi/L
Los Alamos Spring	Intermediate Spring	0	08/25/10		CALA-10-25238	2.363	0.83	2.363	LLH3	U	1.35	0.76	2.4	LLH3	U	pCi/L
Martin Spring	Intermediate Spring	0	10/08/08		CAWA-08-15964	52.796	8.088	3.474	LLH3		53.25	8.16	3.5	LLH3		pCi/L
Martin Spring	Intermediate Spring	0	09/14/10		CAWA-10-25715	61.753	9.355	2.267	LLH3		59.22	8.98	2.29	LLH3		pCi/L
PC Spring	Intermediate Spring	0	08/05/10		CAPA-10-24016	19.924	3.065	1.692	LLH3		20.11	3.11	1.71	LLH3		pCi/L
Peter Spring	Intermediate Spring	0	04/19/10		CAWA-10-16298	56.74	8.557	1.597	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
Starmer Spring	Intermediate Spring	0	03/11/08		CAPA-08-10966	26.215	8.142	3.161	LLH3		26.44	4.19	3.19	LLH3		pCi/L
Starmer Spring	Intermediate Spring	0	09/11/08		CAPA-08-14912	22.811	3.621	2.816	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
Starmer Spring	Intermediate Spring	0	08/10/10		CAPA-10-24018	22.638	3.512	2.267	LLH3		22.85	3.56	2.29	LLH3		pCi/L
SWSC Spring	Intermediate Spring	0	10/08/08		CAWA-08-15954	32.731	5.106	3.365	LLH3		33.02	5.15	3.39	LLH3		pCi/L
SWSC Spring	Intermediate Spring	0	09/10/10		CAWA-10-25722	50.737	7.791	3.544	LLH3		51.2	7.86	3.57	LLH3		pCi/L
Water Canyon Gallery	Intermediate Spring	0	09/10/10		CAWA-10-25725	3.161	0.83	2.107	LLH3		6.08	1.16	2.13	LLH3		pCi/L
CdV-R-15-3	Regional	1254.4	10/09/08		CAWA-08-16068	-5.789	1.264	3.397	LLH3	U	-5.84	1.28	3.43	LLH3	U	pCi/L
CdV-R-15-3	Regional	1640.1	10/10/08		CAWA-08-16088	-6.373	1.29	3.254	LLH3	U	-6.43	1.3	3.28	LLH3	U	pCi/L
CdV-R-15-3	Regional	1350.1	10/14/08		CAWA-08-16095	-1.357	1.079	3.682	LLH3	U	-1.37	1.09	3.71	LLH3	U	pCi/L
CdV-R-15-3	Regional	1254.4	08/05/10		CAWA-10-24741	-1.565	0.607	1.98	LLH3	U	-1.57	0.61	1.98	LLH3	U	pCi/L
CdV-R-37-2	Regional	1359.3	10/08/08		CAWA-08-16064	-5.843	1.268	3.388	LLH3	U	-5.9	1.28	3.42	LLH3	U	pCi/L
CdV-R-37-2	Regional	1550.6	10/09/08		CAWA-08-16094	-5.929	1.242	3.238	LLH3	U	-5.98	1.26	3.27	LLH3	U	pCi/L
CdV-R-37-2	Regional	1200.3	10/10/08		CAWA-08-16089	-5.355	1.204	3.308	LLH3	U	-5.4	1.21	3.34	LLH3	U	pCi/L
CdV-R-37-2	Regional	1359.3	08/10/10		CAWA-10-24747	0.447	0.639	2.075	LLH3	U	-2.04	0.67	2.11	LLH3	U	pCi/L
CdV-R-37-2	Regional	1550.6	08/10/10		CAWA-10-24749	0.383	0.543	1.82	LLH3	U	-1.63	0.58	1.84	LLH3	U	pCi/L
R-1	Regional	1031.1	08/15/08		CAMO-08-14505	-1.022	0.993	3.385	LLH3	U	-1.02	1	3.42	LLH3	U	pCi/L

Tritium Samples Analyzed by ARSL[a] from Springs and Wells Collected between January 2008 and May 2011

Location	Zone	Screen Depth (ft)	Sample Date	QC[b] Type	Sample ID	Original Result	Original Uncertainty	Original MDA[c]	Original Method	Original Qualifier	Updated Result	Updated Uncertainty	Updated MDA	Updated Method	Updated Qualifier	Unit
R-1	Regional	1031.1	11/12/10		CAMO-11-1262	23.564	3.672	2.331	LLH3		-0.42	0.71	2.35	LLH3	U	pCi/L
R-10	Regional	874	08/13/08		CASA-08-14374	-3.8	1.14	3.608	LLH3	U	-3.83	1.14	3.62	LLH3	U	pCi/L
R-10	Regional	1042	08/13/08		CASA-08-14376	-2.107	1.06	3.576	LLH3	U	-2.14	1.07	3.59	LLH3	U	pCi/L
R-10	Regional	1042	05/05/10		CASA-10-16771	2.139	0.671	1.916	LLH3		2.4	0.71	1.93	LLH3		pCi/L
R-10	Regional	874	11/17/10		CASA-11-1365	31.547	4.853	2.395	LLH3		1.85	0.8	2.42	LLH3	U	pCi/L
R-10	Regional	1042	11/17/10		CASA-11-1367	34.165	5.268	2.586	LLH3		1.28	0.82	2.62	LLH3	U	pCi/L
R-10a	Regional	690	08/13/08		CASA-08-14380	-2.235	1.044	3.48	LLH3	U	-2.24	1.05	3.51	LLH3	U	pCi/L
R-10a	Regional	690	05/05/10		CASA-10-16773	0.287	0.575	1.884	LLH3	U	1.35	0.62	1.91	LLH3	U	pCi/L
R-10a	Regional	690	11/09/10		CASA-11-1368	1.373	0.639	1.916	LLH3	U	0.34	0.61	2.05	LLH3	U	pCi/L
R-11	Regional	855	02/06/08	FD	CASA-08-10552	4.451	2.325	3.053	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
R-11	Regional	855	02/06/08		CASA-08-10545	1.066	1.903	3.18	LLH3	U	n/a	n/a	n/a	n/a	n/a	pCi/L
R-11	Regional	855	08/11/08		CASA-08-14381	3.097	1.172	3.417	LLH3	U	3.14	1.17	3.45	LLH3	U	pCi/L
R-11	Regional	855	05/05/10		CASA-10-16778	3.991	0.926	2.203	LLH3		4.65	1.01	2.23	LLH3		pCi/L
R-11	Regional	855	11/11/10		CASA-11-1371	44.351	6.769	2.299	LLH3		5.41	1.13	2.32	LLH3		pCi/L
R-13	Regional	958.3	08/14/08		CAMO-08-14532	-0.415	1.009	3.48	LLH3	U	-0.42	1.03	3.5	LLH3	U	pCi/L
R-13	Regional	958.3	08/14/08	FD	CAMO-08-14536	-2.075	1.009	3.417	LLH3	U	-2.1	1.02	3.45	LLH3	U	pCi/L
R-13	Regional	958.3	11/09/10		CAMO-11-1269	3.321	0.894	2.299	LLH3		0.9	0.72	2.33	LLH3	U	pCi/L
R-14	Regional	1200.6	08/20/08		CAMO-08-14506	-0.415	1.009	3.48	LLH3	U	-0.43	1.03	3.51	LLH3	U	pCi/L
R-14	Regional	1200.6	11/12/10		CAMO-11-1265	30.685	4.726	2.331	LLH3		0.81	0.71	2.35	LLH3	U	pCi/L
R-14	Regional	1200.6	05/18/11		CAMO-11-10729	1.086	0.671	2.171	LLH3	U	1.1	0.69	2.2	LLH3	U	pCi/L
R-15	Regional	958.6	08/15/08		CAMO-08-14541	16.955	2.883	3.576	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
R-15	Regional	958.6	02/17/09		CAMO-09-11413	37.837	10.92	7.025	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
R-15	Regional	958.6	11/09/10		CAMO-11-1268	33.654	5.141	1.788	LLH3		34.11	5.19	1.9	LLH3		pCi/L
R-16	Regional	1018.4	02/12/08		CAMO-08-10438	0.575	2.395	4.087	LLH3	U	0.58	1.23	4.13	LLH3	U	pCi/L
R-16	Regional	1237	02/12/08		CAMO-08-10470	0.575	2.427	4.119	LLH3	U	0.57	1.24	4.17	LLH3	U	pCi/L
R-16	Regional	1018.4	08/11/08		CAMO-08-14521	0.383	0.961	3.225	LLH3	U	0.38	0.96	3.25	LLH3	U	pCi/L
R-16	Regional	863.4	08/12/08		CAMO-08-14842	1.341	1.044	3.385	LLH3	U	1.36	1.05	3.4	LLH3	U	pCi/L
R-16	Regional	1237	08/12/08		CAMO-08-14845	0.447	1.06	3.576	LLH3	U	0.46	1.07	3.61	LLH3	U	pCi/L
R-16	Regional	863.4	05/04/10		CAMO-10-16855	-0.639	0.671	2.331	LLH3	U	-0.7	0.69	2.34	LLH3	U	pCi/L
R-16	Regional	1237	05/07/10		CAMO-10-16852	-0.83	0.639	2.107	LLH3	U	-0.84	0.63	2.13	LLH3	U	pCi/L
R-16	Regional	863.4	07/12/10		CAMO-10-22896	-3.991	0.83	2.171	LLH3	U	-4.01	0.86	2.2	LLH3	U	pCi/L
R-16	Regional	1237	07/12/10		CAMO-10-22899	-3.448	0.734	1.916	LLH3	U	-3.49	0.74	1.92	LLH3	U	pCi/L
R-16	Regional	863.4	11/17/10		CAMO-11-1288	3.64	1.213	2.459	LLH3		0.77	0.77	2.48	LLH3	U	pCi/L
R-16	Regional	1237	11/17/10		CAMO-11-1305	3.544	1.181	2.395	LLH3		1.45	0.77	2.42	LLH3	U	pCi/L
R-16	Regional	1237	11/17/10	FD	CAMO-11-1308	3.512	1.181	2.395	LLH3		1.06	0.74	2.42	LLH3	U	pCi/L
R-16	Regional	1237	02/16/11	PEB	CAMO-11-4616	-2.044	0.543	1.628	LLH3	U	0.24	0.47	1.56	LLH3	U	pCi/L
R-16	Regional	1237	02/16/11		CAMO-11-4644	-2.139	0.575	1.692	LLH3	U	0.52	0.49	1.62	LLH3	U	pCi/L
R-16r	Regional	600	02/06/08		CAMO-08-10465	6.817	3.008	3.461	LLH3		6.88	3.03	3.49	LLH3	U	pCi/L
R-16r	Regional	600	02/06/08	FD	CAMO-08-10461	0.686	1.9	3.228	LLH3	U	0.69	1.92	3.26	LLH3	U	pCi/L
R-16r	Regional	600	08/11/08		CAMO-08-14516	0.255	0.961	3.289	LLH3	U	0.25	0.98	3.3	LLH3	U	pCi/L
R-16r	Regional	600	08/11/08	FD	CAMO-08-14519	-0.639	1.009	3.48	LLH3	U	-0.65	1.03	3.52	LLH3	U	pCi/L
R-16r	Regional	600	05/07/10		CAMO-10-16833	1.692	0.639	1.916	LLH3	U	-0.89	0.58	1.93	LLH3	U	pCi/L
R-16r	Regional	600	11/11/10		CAMO-11-1289	2.427	1.118	2.299	LLH3		0.45	0.71	2.32	LLH3	U	pCi/L
R-17	Regional	1057	10/22/10		CAPA-10-26961	1.852	0.702	2.139	LLH3	U	0.21	0.67	2.25	LLH3	U	pCi/L
R-17	Regional	1124	10/22/10		CAPA-10-26963	1.692	0.639	1.916	LLH3	U	0.39	0.62	2.04	LLH3	U	pCi/L
R-17	Regional	1057	04/27/11		CAPA-11-9288	-2.044	0.798	2.682	LLH3	U	-2.05	0.81	2.71	LLH3	U	pCi/L
R-17	Regional	1124	04/27/11		CAPA-11-9289	-0.894	0.702	2.427	LLH3	U	-0.89	0.71	2.45	LLH3	U	pCi/L

Tritium Samples Analyzed by ARSL[a] from Springs and Wells Collected between January 2008 and May 2011

Location	Zone	Screen Depth (ft)	Sample Date	QC[b] Type	Sample ID	Original Result	Original Uncertainty	Original MDA[c]	Original Method	Original Qualifier	Updated Result	Updated Uncertainty	Updated MDA	Updated Method	Updated Qualifier	Unit
R-18	Regional	1358	03/07/08		CAPA-08-11037	5.556	3.257	4.502	LLH3		5.6	1.68	4.54	LLH3		pCi/L
R-18	Regional	1358	03/07/08	FD	CAPA-08-11040	0.766	1.82	3.097	LLH3	U	0.77	0.94	3.12	LLH3	U	pCi/L
R-18	Regional	1358	10/21/10		CAPA-10-27415	1.66	0.766	2.331	LLH3	U	0.96	0.76	2.47	LLH3	U	pCi/L
R-19	Regional	1190.7	09/10/08		CAPA-08-15047	4.256	1.095	2.759	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
R-19	Regional	1412.9	09/11/08		CAPA-08-15049	0.52	0.821	2.736	LLH3	U	n/a	n/a	n/a	n/a	n/a	pCi/L
R-19	Regional	1190.7	07/29/10		CAPA-10-24099	-3.417	0.798	2.267	LLH3	U	-3.2	0.79	2.28	LLH3	U	pCi/L
R-19	Regional	1412.9	07/30/10		CAPA-10-24102	0.415	0.607	1.948	LLH3	U	-1.93	0.63	1.98	LLH3	U	pCi/L
R-2	Regional	918	08/29/08		CAPU-08-14787	-0.453	0.964	3.298	LLH3	U	-1.01	0.99	3.4	LLH3	U	pCi/L
R-2	Regional	918	03/09/11	FD	CAPU-11-5292	-1.852	0.607	1.948	LLH3	U	-0.2	0.57	1.95	LLH3	U	pCi/L
R-2	Regional	918	03/09/11		CAPU-11-5290	-2.044	0.639	2.107	LLH3	U	0.38	0.64	2.14	LLH3	U	pCi/L
R-20	Regional	1147.1	12/18/08		CAPA-09-1228	-1.044	1.242	4.381	LLH3	U	-1.05	1.25	4.42	LLH3	U	pCi/L
R-20	Regional	904.6	12/19/08		CAPA-09-1224	-1.823	1.105	3.755	LLH3	U	-1.84	1.11	3.79	LLH3	U	pCi/L
R-20	Regional	1147.1	06/01/10		CAPA-10-17607	-0.224	0.511	1.756	LLH3	U	-0.23	0.52	1.76	LLH3	U	pCi/L
R-20	Regional	1147.1	06/01/10	FD	CAPA-10-17609	-1.054	0.543	1.82	LLH3	U	-1.06	0.55	1.83	LLH3	U	pCi/L
R-20	Regional	904.6	06/15/10		CAPA-10-17601	-0.926	0.447	1.533	LLH3	U	-0.89	0.46	1.54	LLH3	U	pCi/L
R-20	Regional	1147.1	07/30/10	FD	CAPA-10-24112	0.447	0.639	2.139	LLH3	U	-2.59	0.72	2.16	LLH3	U	pCi/L
R-20	Regional	1147.1	07/30/10		CAPA-10-24110	0.383	0.543	1.82	LLH3	U	-2.06	0.6	1.83	LLH3	U	pCi/L
R-20	Regional	904.6	08/03/10		CAPA-10-24105	0.479	0.671	2.203	LLH3	U	-0.73	0.66	2.22	LLH3	U	pCi/L
R-20	Regional	1147.1	10/11/10		CAPA-10-27377	3.48	0.894	2.363	LLH3		1.84	0.78	2.37	LLH3	U	pCi/L
R-20	Regional	904.6	10/20/10		CAPA-10-27373	1.341	0.511	1.533	LLH3	U	0.44	0.49	1.62	LLH3	U	pCi/L
R-20	Regional	1147.1	01/21/11		CAPA-11-3010	1.756	0.639	1.82	LLH3	U	2.22	0.67	1.85	LLH3		pCi/L
R-20	Regional	904.6	01/27/11		CAPA-11-3007	-2.107	0.543	1.66	LLH3	U	-0.3	0.49	1.67	LLH3	U	pCi/L
R-20	Regional	904.6	04/20/11		CAPA-11-9309	-1.245	0.671	2.267	LLH3	U	-1.25	0.67	2.29	LLH3	U	pCi/L
R-20	Regional	1147.1	04/25/11		CAPA-11-9314	-2.554	0.894	2.938	LLH3	U	-2.59	0.9	2.97	LLH3	U	pCi/L
R-21	Regional	888.8	02/11/08		CAMO-08-10446	1.469	2.491	4.151	LLH3	U	1.48	1.29	4.2	LLH3	U	pCi/L
R-21	Regional	888.8	08/14/08		CAMO-08-14524	-0.766	1.06	3.608	LLH3	U	-0.78	1.05	3.63	LLH3	U	pCi/L
R-21	Regional	888.8	06/11/10		CAPA-10-17672	-1.533	0.671	2.267	LLH3	U	-1.46	0.69	2.27	LLH3	U	pCi/L
R-21	Regional	888.8	08/11/10		CAPA-10-24115	-0.479	0.575	1.916	LLH3	U	-0.49	0.57	1.94	LLH3	U	pCi/L
R-21	Regional	888.8	10/11/10		CAPA-10-27382	4.566	0.926	1.852	LLH3		4.61	0.93	1.87	LLH3		pCi/L
R-21	Regional	888.8	01/27/11		CAPA-11-3013	-2.044	0.543	1.628	LLH3	U	-0.53	0.48	1.63	LLH3	U	pCi/L
R-21	Regional	888.8	04/19/11		CAPA-11-9315	-1.437	0.734	2.554	LLH3	U	-1.45	0.75	2.57	LLH3	U	pCi/L
R-22	Regional	962.8	03/04/08		CAPA-08-11046	-1.341	2.107	3.672	LLH3	U	-1.35	1.09	3.72	LLH3	U	pCi/L
R-22	Regional	1273.5	03/05/08		CAPA-08-11101	3.129	2.139	3.161	LLH3	U	3.16	1.09	3.19	LLH3	U	pCi/L
R-22	Regional	1378	03/05/08		CAPA-08-11088	0.319	2.235	3.864	LLH3	U	0.34	1.15	3.89	LLH3	U	pCi/L
R-22	Regional	1448.2	03/05/08		CAPA-08-11104	3.864	2.395	3.417	LLH3		3.91	1.23	3.46	LLH3		pCi/L
R-22	Regional	907.1	03/10/08		CAPA-08-11085	3.991	2.267	3.129	LLH3		4.03	1.17	3.16	LLH3		pCi/L
R-22	Regional	962.8	12/18/08		CAPA-09-1230	-0.92	1.012	3.471	LLH3	U	-0.93	1.02	3.5	LLH3	U	pCi/L
R-22	Regional	1273.5	12/18/08		CAPA-09-1235	-2.095	1.073	3.621	LLH3	U	-2.11	1.08	3.65	LLH3	U	pCi/L
R-22	Regional	907.1	12/19/08		CAPA-09-1252	-0.249	1.245	4.342	LLH3	U	-0.25	1.26	4.38	LLH3	U	pCi/L
R-22	Regional	1378	12/19/08		CAPA-09-1254	-0.402	1.414	4.933	LLH3	U	-0.41	1.42	4.98	LLH3	U	pCi/L
R-22	Regional	1448.2	12/19/08		CAPA-09-1256	1.552	1.36	4.477	LLH3	U	1.56	1.37	4.51	LLH3	U	pCi/L
R-23	Regional	816	06/09/10		CAPA-10-17737	-0.607	0.671	2.203	LLH3	U	-0.46	0.66	2.24	LLH3	U	pCi/L
R-23	Regional	816	06/09/10	FD	CAPA-10-17734	-1.309	0.671	2.267	LLH3	U	-1.25	0.68	2.27	LLH3	U	pCi/L
R-23	Regional	816	08/12/10		CAPA-10-24119	3.672	0.862	2.012	LLH3		1.84	0.68	2.02	LLH3	U	pCi/L
R-23	Regional	816	08/12/10	FD	CAPA-10-24120	3.608	0.83	1.98	LLH3		1.03	0.62	1.99	LLH3	U	pCi/L
R-23	Regional	816	10/22/10	FD	CAPA-10-27388	1.628	0.734	2.267	LLH3	U	0.8	0.74	2.41	LLH3	U	pCi/L
R-23	Regional	816	10/22/10	PEB	CAPA-10-27390	1.405	0.639	1.98	LLH3	U	-0.4	0.82	2.1	LLH3	U	pCi/L

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R-23	Regional	816	10/22/10		CAPA-10-27384	0.128	0.319	1.086	LLH3	U	0.29	0.35	1.15	LLH3	U	pCi/L
R-23	Regional	816	01/24/11		CAPA-11-2976	1.692	0.83	2.65	LLH3	U	1.97	0.87	2.66	LLH3	U	pCi/L
R-23	Regional	816	04/18/11		CAPA-11-9588	-1.245	0.734	2.491	LLH3	U	-1.26	0.74	2.51	LLH3	U	pCi/L
R-24	Regional	825	03/11/11		CAPU-11-5296	-2.363	0.734	2.427	LLH3	U	-0.48	0.71	2.45	LLH3	U	pCi/L
R-25	Regional	1406.3	09/22/10		CAWA-10-25851	2.267	0.639	1.724	LLH3		3.59	0.78	1.74	LLH3		pCi/L
R-25	Regional	1303.4	09/23/10		CAWA-10-25846	18.934	3.001	2.491	LLH3		16.07	2.59	2.5	LLH3		pCi/L
R-25	Regional	1606	09/23/10		CAWA-10-25865	2.874	0.83	2.203	LLH3		1.1	0.7	2.23	LLH3	U	pCi/L
R-25	Regional	1796	09/24/10		CAWA-10-25885	2.395	0.671	1.82	LLH3		1.35	0.6	1.84	LLH3	U	pCi/L
R-27	Regional	852	10/10/08		CAWA-08-16054	-6.453	1.335	3.445	LLH3	U	-6.51	1.35	3.47	LLH3	U	pCi/L
R-27	Regional	852	10/10/08	FD	CAWA-08-16059	-6.648	1.344	3.394	LLH3	U	-6.71	1.36	3.42	LLH3	U	pCi/L
R-27	Regional	852	09/14/10		CAWA-10-25888	3.321	0.862	2.203	LLH3		1.13	0.7	2.23	LLH3	U	pCi/L
R-28	Regional	934.3	08/15/08		CAMO-08-14543	200.313	59.543	189.236	EPA 906.0		200.31	59.54	189.24	EPA 906.0		pCi/L
R-28	Regional	934.3	02/10/09		CAMO-09-11414	233.6	61.05	6.833	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
R-28	Regional	934.3	11/10/10		CAMO-11-1271	219.87	33.048	1.788	LLH3		220.47	33.13	1.8	LLH3		pCi/L
R-29	Regional	1170	05/10/10		CAWA-10-17191	1.692	0.639	1.916	LLH3	U	-0.47	0.57	1.92	LLH3	U	pCi/L
R-29	Regional	1170	12/03/10		CAAN-11-2159	8.717	5.684	8.302	LLH3		0.19	0.77	2.61	LLH3	U	pCi/L
R-29	Regional	1170	01/07/11		CAAN-11-3194	10.984	6.067	8.334	LLH3		2.01	0.86	2.61	LLH3	U	pCi/L
R-29	Regional	1170	04/06/11		CAAN-11-5485	-1.565	0.607	2.044	LLH3	U	0.62	0.62	2.06	LLH3	U	pCi/L
R-3	Regional	974.5	10/13/10		CAPU-11-130	4.055	1.054	2.746	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
R-3	Regional	974.5	12/07/10	PEB	CAPU-11-2235	10.377	5.811	8.014	LLH3		0.71	0.77	2.51	LLH3	U	pCi/L
R-3	Regional	974.5	12/07/10		CAPU-11-2230	9.228	5.173	7.12	LLH3		1.19	0.71	2.22	LLH3	U	pCi/L
R-3	Regional	974.5	12/07/10	FD	CAPU-11-2232	9.196	5.141	7.088	LLH3		0.55	0.68	2.22	LLH3	U	pCi/L
R-3	Regional	974.5	03/08/11		CAPU-11-5621	3.8	0.894	2.171	LLH3		0.84	0.67	2.18	LLH3	U	pCi/L
R-30	Regional	1140	05/19/10		CAAN-10-17252	-2.586	0.734	2.171	LLH3	U	-2.61	0.74	2.19	LLH3	U	pCi/L
R-30	Regional	1140	09/23/10	FD	CAAN-10-25949	3.065	1.054	3.065	LLH3	U	1.33	0.95	3.08	LLH3	U	pCi/L
R-30	Regional	1140	09/23/10		CAAN-10-25948	1.916	0.671	1.916	LLH3	U	0.3	0.58	1.92	LLH3	U	pCi/L
R-30	Regional	1140	12/03/10	FD	CAAN-11-2680	8.845	4.949	6.833	LLH3		0.71	0.64	2.13	LLH3	U	pCi/L
R-30	Regional	1140	12/03/10		CAAN-11-2163	8.525	5.556	8.11	LLH3		0.81	0.77	2.54	LLH3	U	pCi/L
R-30	Regional	1140	04/05/11	FD	CAAN-11-5492	-1.597	0.607	2.075	LLH3	U	0.26	0.62	2.09	LLH3	U	pCi/L
R-30	Regional	1140	04/05/11		CAAN-11-5489	-1.916	0.734	2.491	LLH3	U	0.36	0.74	2.51	LLH3	U	pCi/L
R-31	Regional	532.2	04/20/10		CAAN-10-15269	1.309	0.607	1.916	LLH3	U	-0.72	0.57	1.93	LLH3	U	pCi/L
R-31	Regional	670.3	04/20/10		CAAN-10-15272	1.277	0.607	1.884	LLH3	U	-0.75	0.57	1.91	LLH3	U	pCi/L
R-31	Regional	830.9	04/22/10		CAAN-10-15245	2.876	0.823	2.222	LLH3		0.72	0.69	2.25	LLH3	U	pCi/L
R-31	Regional	1011.3	09/09/10		CAAN-10-25931	2.618	0.894	2.618	LLH3	U	-1.39	0.79	2.65	LLH3	U	pCi/L
R-31	Regional	542.5	09/14/10		CAAN-10-25924	2.267	0.766	2.267	LLH3	U	1.38	0.73	2.28	LLH3	U	pCi/L
R-31	Regional	670.3	09/14/10		CAAN-10-25926	2.299	0.798	2.299	LLH3	U	1.24	0.73	3.32	LLH3	U	pCi/L
R-31	Regional	830.9	09/20/10		CAAN-10-25927	2.874	0.734	1.916	LLH3		1.85	0.66	1.93	LLH3	U	pCi/L
R-32	Regional	867.5	06/07/10		CAPA-10-17740	-3.001	0.734	2.139	LLH3	U	-3.02	0.75	2.16	LLH3	U	pCi/L
R-32	Regional	867.5	08/06/10		CAPA-10-24125	-0.671	0.543	1.788	LLH3	U	-0.67	0.54	1.81	LLH3	U	pCi/L
R-32	Regional	867.5	10/14/10		CAPA-10-27391	3.129	0.83	2.107	LLH3		1.94	0.72	2.13	LLH3	U	pCi/L
R-32	Regional	867.5	01/25/11		CAPA-11-3016	1.884	0.702	2.044	LLH3	U	0.46	0.62	2.05	LLH3	U	pCi/L
R-32	Regional	867.5	05/02/11		CAPA-11-9318	-1.309	0.702	2.363	LLH3	U	-1.31	0.7	2.38	LLH3	U	pCi/L
R-33	Regional	995.5	08/14/08		CAMO-08-14509	-0.83	1.044	3.576	LLH3	U	-0.83	1.06	3.61	LLH3	U	pCi/L
R-33	Regional	1112.4	08/14/08		CAMO-08-14514	-0.83	1.823	6.258	LLH3	U	-0.83	1.84	6.3	LLH3	U	pCi/L
R-33	Regional	995.5	05/12/10		CAMO-10-16816	-0.766	0.543	1.788	LLH3	U	-0.77	0.54	1.61	LLH3	U	pCi/L
R-33	Regional	1112.4	05/12/10		CAMO-10-16818	-0.511	0.543	1.852	LLH3	U	-0.53	0.55	1.86	LLH3	U	pCi/L
R-33	Regional	995.5	11/18/10		CAMO-11-1297	3.544	1.181	2.395	LLH3		1.39	0.77	2.42	LLH3	U	pCi/L

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R-33	Regional	1112.4	11/18/10		CAMO-11-1300	3.608	1.181	2.459	LLH3		1	0.77	2.48	LLH3	U	pCi/L
R-33	Regional	995.5	05/16/11		CAMO-11-10762	0.766	0.671	2.235	LLH3	U	0.78	0.69	2.27	LLH3	U	pCi/L
R-33	Regional	995.5	05/16/11	FD	CAMO-11-10765	0.224	0.607	2.075	LLH3	U	0.22	0.62	2.09	LLH3	U	pCi/L
R-33	Regional	1112.4	05/16/11		CAMO-11-10768	1.181	0.671	2.075	LLH3	U	1.18	0.67	2.1	LLH3	U	pCi/L
R-34	Regional	883.7	08/15/08		CAMO-08-14546	-0.734	0.993	3.417	LLH3	U	-0.73	1.01	3.45	LLH3	U	pCi/L
R-34	Regional	883.7	05/06/10		CAMO-10-16837	-1.405	0.575	1.916	LLH3	U	-1.36	0.59	1.93	LLH3	U	pCi/L
R-34	Regional	883.7	11/09/10		CAMO-11-1302	3.097	0.83	2.139	LLH3		0.7	0.66	2.17	LLH3	U	pCi/L
R-35a	Regional	1013.1	08/12/08		CASA-08-14391	-1.277	1.06	3.64	LLH3	U	-1.3	1.08	3.69	LLH3	U	pCi/L
R-35a	Regional	1013.1	05/14/10		CASA-10-16779	-0.16	0.447	1.565	LLH3	U	-0.15	0.46	1.58	LLH3	U	pCi/L
R-35a	Regional	1013.1	11/11/10		CASA-11-1373	24.203	3.768	2.395	LLH3		-0.06	0.71	2.42	LLH3	U	pCi/L
R-35b	Regional	825.4	02/07/08		CASA-08-10559	2.459	2.714	4.374	LLH3	U	2.48	1.4	4.42	LLH3	U	pCi/L
R-35b	Regional	825.4	08/12/08	FD	CASA-08-14465	13.251	2.363	3.48	LLH3		n/a	n/a	n/a	n/a	n/a	pCi/L
R-35b	Regional	825.4	08/12/08		CASA-08-14384	-0.447	0.945	3.225	LLH3	U	-0.46	0.95	3.25	LLH3	U	pCi/L
R-35b	Regional	825.4	05/12/10		CASA-10-16783	0.351	0.511	1.628	LLH3	U	0.35	0.5	1.66	LLH3	U	pCi/L
R-35b	Regional	825.4	05/12/10	FD	CASA-10-16790	0.16	0.511	1.66	LLH3	U	0.16	0.5	1.68	LLH3	U	pCi/L
R-35b	Regional	825.4	11/11/10		CASA-11-1374	27.045	4.215	2.682	LLH3		0.32	0.81	2.71	LLH3	U	pCi/L
R-36	Regional	766.9	08/12/08		CASA-08-14396	13.666	2.395	3.417	LLH3		13.77	2.42	3.44	LLH3		pCi/L
R-36	Regional	766.9	05/12/10		CASA-10-16793	12.964	2.075	1.788	LLH3		13.07	2.08	1.8	LLH3		pCi/L
R-36	Regional	766.9	11/11/10		CASA-11-1376	93.012	14.017	2.299	LLH3		21.39	3.35	2.32	LLH3		pCi/L
R-37	Regional	1026	12/18/09		CAPA-10-6824	24.426	3.736	1.628	LLH3		25.54	3.93	1.77	LLH3		pCi/L
R-37	Regional	1026	06/08/10		CAPA-10-17952	-2.044	0.607	1.82	LLH3	U	-2.07	0.61	1.84	LLH3	U	pCi/L
R-37	Regional	1026	08/10/10		CAPA-10-24128	-0.479	0.543	1.852	LLH3	U	-0.48	0.55	1.86	LLH3	U	pCi/L
R-37	Regional	1026	10/14/10		CAPA-10-27394	3.448	0.894	2.331	LLH3		1.95	0.79	2.36	LLH3	U	pCi/L
R-37	Regional	1026	10/14/10	FD	CAPA-10-27399	3.001	0.798	2.044	LLH3		0.81	0.63	2.05	LLH3	U	pCi/L
R-37	Regional	1026	01/25/11		CAPA-11-3019	1.916	0.702	2.075	LLH3	U	-0.11	0.62	2.08	LLH3	U	pCi/L
R-37	Regional	1026	04/26/11		CAPA-11-9322	-2.554	0.83	2.746	LLH3	U	-2.57	0.85	2.78	LLH3	U	pCi/L
R-38	Regional	821.2	12/17/09		CAPA-10-6793	0.511	0.639	2.171	LLH3	U	0.42	0.58	1.9	LLH3	U	pCi/L
R-38	Regional	821.2	06/02/10		CAPA-10-17956	-0.639	0.543	1.852	LLH3	U	-0.66	0.55	1.86	LLH3	U	pCi/L
R-38	Regional	821.2	06/02/10	FD	CAPA-10-17957	-1.118	0.575	1.852	LLH3	U	-1.13	0.56	1.86	LLH3	U	pCi/L
R-38	Regional	821.2	08/06/10	FD	CAPA-10-24152	-0.798	0.543	1.82	LLH3	U	-0.8	0.55	1.84	LLH3	U	pCi/L
R-38	Regional	821.2	08/06/10		CAPA-10-24148	-0.862	0.607	2.075	LLH3	U	-0.86	0.62	2.09	LLH3	U	pCi/L
R-38	Regional	821.2	10/11/10		CAPA-10-27406	3.672	0.958	2.491	LLH3		2.96	0.91	2.52	LLH3		pCi/L
R-38	Regional	821.2	01/27/11		CAPA-11-3020	-1.98	0.511	1.565	LLH3	U	-0.53	0.47	1.58	LLH3	U	pCi/L
R-38	Regional	821.2	01/27/11	FD	CAPA-11-3025	-2.267	0.607	1.788	LLH3	U	-0.8	0.53	1.79	LLH3	U	pCi/L
R-39	Regional	859	06/02/10		CAPA-10-17901	-1.181	0.99	3.321	LLH3	U	-1.18	0.99	3.35	LLH3	U	pCi/L
R-39	Regional	859	08/12/10		CAPA-10-24143	4.406	1.022	2.395	LLH3		2.69	0.86	2.42	LLH3		pCi/L
R-39	Regional	859	10/08/10		CAPA-10-27409	1.788	0.702	2.044	LLH3	U	1.81	0.69	2.06	LLH3	U	pCi/L
R-39	Regional	859	01/26/11		CAPA-11-3026	-2.235	0.575	1.756	LLH3	U	-0.71	0.52	1.77	LLH3	U	pCi/L
R-39	Regional	859	04/21/11		CAPA-11-9340	-0.575	0.766	2.682	LLH3	U	-0.57	0.79	2.71	LLH3	U	pCi/L
R-4	Regional	792.9	03/16/11		CAPU-11-5298	-2.139	0.671	2.203	LLH3	U	0.14	0.66	2.22	LLH3	U	pCi/L
R-40	Regional	849.3	06/03/10		CAPA-10-17908	-0.99	0.607	2.075	LLH3	U	-0.99	0.62	2.09	LLH3	U	pCi/L
R-40	Regional	849.3	07/27/10		CAPA-10-24145	-3.64	0.766	1.98	LLH3	U	-3.66	0.78	2.01	LLH3	U	pCi/L
R-40	Regional	849.3	10/19/10		CAPA-10-27413	1.501	0.671	2.075	LLH3	U	-0.36	0.65	2.21	LLH3	U	pCi/L
R-40	Regional	849.3	01/19/11		CAPA-11-3030	1.788	0.671	1.948	LLH3	U	0.18	0.58	1.96	LLH3	U	pCi/L
R-40	Regional	849.3	04/26/11	FD	CAPA-11-9306	-1.309	0.766	2.682	LLH3	U	-1.33	0.79	2.69	LLH3	U	pCi/L
R-40	Regional	849.3	04/26/11		CAPA-11-9344	-2.044	0.798	2.682	LLH3	U	-2.06	0.81	2.7	LLH3	U	pCi/L
R-41	Regional	965.3	06/09/10	FD	CAPA-10-17914	-0.766	0.607	2.044	LLH3	U	-0.32	0.61	2.06	LLH3	U	pCi/L

Tritium Samples Analyzed by ARSL[a] from Springs and Wells Collected between January 2008 and May 2011

Location	Zone	Screen Depth (ft)	Sample Date	QC[b] Type	Sample ID	Original Result	Original Uncertainty	Original MDA[c]	Original Method	Original Qualifier	Updated Result	Updated Uncertainty	Updated MDA	Updated Method	Updated Qualifier	Unit
R-41	Regional	965.3	06/09/10		CAPA-10-17910	-0.766	0.607	2.107	LLH3	U	-0.96	0.63	2.11	LLH3	U	pCi/L
R-41	Regional	965.3	08/09/10		CAPA-10-24131	-0.798	0.607	2.075	LLH3	U	-0.81	0.62	2.08	LLH3	U	pCi/L
R-41	Regional	965.3	10/08/10		CAPA-10-27405	6.258	1.245	2.427	LLH3		6.31	1.25	2.46	LLH3		pCi/L
R-41	Regional	965.3	10/08/10	FD	CAPA-10-27402	3.927	0.99	2.522	LLH3		3.96	1.01	2.56	LLH3		pCi/L
R-41	Regional	965.3	01/12/11		CAPA-11-3032	2.012	0.702	2.075	LLH3	U	1.82	0.7	2.09	LLH3	U	pCi/L
R-41	Regional	965.3	04/21/11		CAPA-11-9358	-0.862	0.734	2.491	LLH3	U	-0.86	0.73	2.5	LLH3	U	pCi/L
R-42	Regional	931.8	10/09/08	FD	CAMO-09-200	98.645	14.972	3.659	LLH3		99.52	15.05	3.69	LLH3		pCi/L
R-42	Regional	931.8	10/09/08		CAMO-08-16440	96.492	14.643	3.512	LLH3		97.35	14.77	3.55	LLH3		pCi/L
R-42	Regional	931.8	05/13/10		CAMO-10-16822	148.435	80.14	261.649	LLH3	U	148.44	80.14	261.65	EPA:906.0	U	pCi/L
R-42	Regional	931.8	11/10/10		CAMO-11-1273	329.752	75.39	234.227	EPA 906.0		329.75	75.39	234.23	EPA:906.0		pCi/L
R-43	Regional	903.9	05/10/10		CASA-10-16795	1.437	0.543	1.628	LLH3	U	-0.96	0.5	1.65	LLH3	U	pCi/L
R-43	Regional	969.1	05/10/10		CASA-10-16799	3.768	0.862	2.075	LLH3		1.23	0.57	1.74	LLH3	U	pCi/L
R-43	Regional	903.9	11/16/10		CASA-11-1379	25.033	3.895	2.491	LLH3		-0.29	0.74	2.51	LLH3	U	pCi/L
R-43	Regional	969.1	11/16/10		CASA-11-1380	26.725	4.151	2.65	LLH3		0.48	0.81	2.67	LLH3	U	pCi/L
R-44	Regional	895	05/04/10		CAMO-10-16840	0.671	0.639	2.107	LLH3	U	0.67	0.65	2.13	LLH3	U	pCi/L
R-44	Regional	985.3	05/04/10		CAMO-10-16843	0	0.671	2.267	LLH3	U	0.01	0.68	2.27	LLH3	U	pCi/L
R-44	Regional	985.3	05/04/10	FD	CAMO-10-16847	-0.639	0.639	2.171	LLH3	U	-0.68	0.65	2.2	LLH3	U	pCi/L
R-44	Regional	895	11/18/10		CAMO-11-1276	3.385	1.118	2.299	LLH3		1.96	0.77	2.32	LLH3	U	pCi/L
R-44	Regional	985.3	11/18/10		CAMO-11-1278	3.832	1.277	2.586	LLH3		0.48	0.77	2.61	LLH3	U	pCi/L
R-45	Regional	880	05/13/10		CAMO-10-16825	1.213	0.543	1.692	LLH3	U	1.22	0.56	1.72	LLH3	U	pCi/L
R-45	Regional	974.9	05/14/10		CAMO-10-16828	0.575	0.607	2.012	LLH3	U	0.58	0.62	2.04	LLH3	U	pCi/L
R-45	Regional	880	11/19/10		CAMO-11-1279	3.544	1.181	2.427	LLH3		4.54	1.03	2.45	LLH3		pCi/L
R-45	Regional	974.9	11/19/10		CAMO-11-1282	3.576	1.181	2.427	LLH3		2	0.81	2.45	LLH3	U	pCi/L
R-46	Regional	1340	05/07/10		CAMO-10-16830	36.751	11.718	6.099	LLH3		11.51	1.87	1.91	LLH3		pCi/L
R-46	Regional	1340	11/12/10		CAMO-11-1285	24.426	3.8	2.427	LLH3		-0.23	0.71	2.45	LLH3	U	pCi/L
R-46	Regional	1340	05/17/11		CAMO-11-10733	0.575	0.671	2.267	LLH3	U	0.57	0.69	2.29	LLH3	U	pCi/L
R-48	Regional	1500	04/07/10	PEB	CAWA-10-15230	0.096	3.193	1.501	LLH3	U	-1.28	0.55	1.8	LLH3	U	pCi/L
R-48	Regional	1500	04/07/10	FD	CAWA-10-15228	-0.926	3.193	2.012	LLH3	U	-1.42	0.56	1.81	LLH3	U	pCi/L
R-48	Regional	1500	04/07/10		CAWA-10-15226	-1.501	3.193	1.98	LLH3	U	-0.97	0.57	1.9	LLH3	U	pCi/L
R-48	Regional	1500	09/22/10	FD	CAWA-10-25895	2.842	0.798	2.171	LLH3		1.12	0.69	2.2	LLH3	U	pCi/L
R-48	Regional	1500	09/22/10	PEB	CAWA-10-25897	2.81	0.798	2.139	LLH3		2	0.74	2.17	LLH3	U	pCi/L
R-48	Regional	1500	09/22/10		CAWA-10-25893	2.778	0.798	2.139	LLH3		0.92	0.67	2.15	LLH3	U	pCi/L
R-48	Regional	1500	12/02/10		CAWA-11-2134	10.697	5.907	8.11	LLH3		5.41	1.16	2.54	LLH3		pCi/L
R-48	Regional	1500	12/02/10	PEB	CAWA-11-2129	10.633	5.875	8.046	LLH3		0.06	0.74	2.51	LLH3	U	pCi/L
R-48	Regional	1500	12/02/10	FD	CAWA-11-2127	10.441	5.779	7.919	LLH3		1.58	0.81	2.48	LLH3	U	pCi/L
R-48	Regional	1500	01/06/11		CAWA-11-3192	10.026	5.556	7.599	LLH3		1.01	0.74	2.38	LLH3	U	pCi/L
R-48	Regional	1500	03/28/11	FD	CAWA-11-5385	-1.788	0.702	2.299	LLH3	U	0.62	0.7	2.32	LLH3	U	pCi/L
R-48	Regional	1500	03/28/11		CAWA-11-5380	-1.948	0.734	2.522	LLH3	U	-0.31	0.74	2.53	LLH3	U	pCi/L
R-49	Regional	905.6	06/09/10		CAPA-10-17898	-0.958	0.575	1.948	LLH3	U	-0.9	0.59	1.97	LLH3	U	pCi/L
R-49	Regional	845	06/14/10		CAPA-10-17856	-1.213	0.639	2.075	LLH3	U	-1.15	0.63	2.09	LLH3	U	pCi/L
R-49	Regional	845	07/29/10		CAPA-10-24650	0.319	0.447	1.469	LLH3	U	-1.44	0.47	1.48	LLH3	U	pCi/L
R-49	Regional	905.6	07/29/10		CAPA-10-24139	0.511	0.702	2.331	LLH3	U	-2.74	0.76	2.36	LLH3	U	pCi/L
R-49	Regional	845	10/07/10		CAPA-10-27418	3.385	0.958	2.586	LLH3		3.41	0.97	2.62	LLH3		pCi/L
R-49	Regional	905.6	10/07/10		CAPA-10-27423	1.437	0.702	2.235	LLH3	U	1.46	0.72	2.24	LLH3	U	pCi/L
R-49	Regional	845	01/19/11		CAPA-11-3036	2.522	0.926	2.714	LLH3	U	-0.24	0.81	2.74	LLH3	U	pCi/L
R-49	Regional	905.6	04/29/11		CAPA-11-9378	-2.075	0.798	2.65	LLH3	U	-2.11	0.8	2.67	LLH3	U	pCi/L
R-49	Regional	845	05/02/11		CAPA-11-9366	0.128	0.734	2.459	LLH3	U	0.12	0.73	2.49	LLH3	U	pCi/L

Tritium Samples Analyzed by ARSL[a] from Springs and Wells Collected between January 2008 and May 2011

Location	Zone	Screen Depth (ft)	Sample Date	QC[b] Type	Sample ID	Original Result	Original Uncertainty	Original MDA[c]	Original Method	Original Qualifier	Updated Result	Updated Uncertainty	Updated MDA	Updated Method	Updated Qualifier	Unit
R-5	Regional	718.6	08/27/08		CAPU-08-14801	0	0.958	3.254	LLH3	U	-0.55	0.98	3.36	LLH3	U	pCi/L
R-5	Regional	860.9	03/09/11		CAPU-11-5304	-2.012	0.639	2.107	LLH3	U	-0.26	0.62	2.11	LLH3	U	pCi/L
R-5	Regional	718.6	03/10/11		CAPU-11-5301	2.746	0.766	1.98	LLH3		0.41	0.6	2.01	LLH3	U	pCi/L
R-50	Regional	1077	05/27/10		CAMO-10-17420	11.08	1.98	3.129	LLH3		11.18	2	3.16	LLH3		pCi/L
R-50	Regional	1185	05/27/10		CAMO-10-18979	-0.671	0.511	1.756	LLH3	U	-0.67	0.52	1.76	LLH3	U	pCi/L
R-50	Regional	1077	07/02/10		CAMO-10-22902	8.238	1.437	2.075	LLH3		8.32	1.44	2.09	LLH3		pCi/L
R-50	Regional	1185	07/02/10		CAMO-10-22907	-3.161	0.83	2.427	LLH3	U	-3.19	0.84	2.46	LLH3	U	pCi/L
R-50	Regional	1077	11/16/10		CAMO-11-1312	26.342	1.245	2.554	LLH3		28.73	4.44	2.58	LLH3		pCi/L
R-50	Regional	1185	11/16/10		CAMO-11-1316	3.544	1.181	2.427	LLH3		1.39	0.77	2.45	LLH3	U	pCi/L
R-50	Regional	1185	11/16/10	FD	CAMO-11-1317	3.225	1.054	2.203	LLH3		0.97	0.68	2.22	LLH3	U	pCi/L
R-50	Regional	1077	02/23/11		CAMO-11-4611	28.865	4.406	1.692	LLH3		29.46	4.5	1.64	LLH3		pCi/L
R-50	Regional	1077	02/23/11	FD	CAMO-11-4614	28.098	4.311	1.66	LLH3		27.5	4.21	1.6	LLH3		pCi/L
R-50	Regional	1185	02/24/11		CAMO-11-4617	-1.916	0.607	1.916	LLH3	U	-0.19	0.57	1.93	LLH3	U	pCi/L
R-51	Regional	914.96	06/18/10		CAPA-10-19017	1.916	0.702	2.044	LLH3	U	0	0.61	2.06	LLH3	U	pCi/L
R-51	Regional	1030.96	06/18/10		CAPA-10-19021	2.267	0.83	2.395	LLH3	U	-0.59	0.71	2.41	LLH3	U	pCi/L
R-51	Regional	914.96	07/26/10		CAPA-10-24156	-3.448	0.798	2.203	LLH3	U	-3.47	0.81	2.23	LLH3	U	pCi/L
R-51	Regional	1030.96	07/26/10		CAPA-10-24158	-3.193	0.639	1.533	LLH3	U	-3.21	0.84	1.54	LLH3	U	pCi/L
R-51	Regional	914.96	10/19/10		CAPA-10-27437	1.405	0.639	1.98	LLH3	U	0.3	0.63	2.09	LLH3	U	pCi/L
R-51	Regional	1030.96	10/19/10		CAPA-10-27440	1.852	0.83	2.554	LLH3	U	0.24	0.81	2.72	LLH3	U	pCi/L
R-51	Regional	914.96	01/11/11		CAPA-11-3043	2.203	0.766	2.235	LLH3	U	1.4	0.72	2.26	LLH3	U	pCi/L
R-51	Regional	1030.96	01/11/11		CAPA-11-3045	2.331	0.83	2.395	LLH3	U	1.91	0.79	2.4	LLH3	U	pCi/L
R-52	Regional	1107	04/23/10		CAPA-10-16638	3.198	0.915	2.47	LLH3		-0.36	0.73	2.46	LLH3	U	pCi/L
R-52	Regional	1035.2	05/02/10		CAPA-10-16633	0.032	0.862	2.874	LLH3	U	0.02	0.86	2.89	LLH3	U	pCi/L
R-52	Regional	1035.2	08/05/10		CAPA-10-24167	-0.224	0.702	2.395	LLH3	U	-0.23	0.72	2.42	LLH3	U	pCi/L
R-52	Regional	1107	08/05/10		CAPA-10-24658	-0.16	0.479	1.628	LLH3	U	-0.16	0.49	1.65	LLH3	U	pCi/L
R-52	Regional	1035.2	10/12/10		CAPA-10-27451	3.289	0.862	2.235	LLH3		1.14	0.71	2.26	LLH3	U	pCi/L
R-52	Regional	1107	10/12/10		CAPA-10-27453	2.746	0.734	1.852	LLH3		2.82	0.73	1.88	LLH3		pCi/L
R-52	Regional	1035.2	01/13/11		CAPA-11-3082	5.971	1.149	2.139	LLH3		6.02	1.16	2.17	LLH3		pCi/L
R-52	Regional	1107	01/13/11		CAPA-11-3084	1.213	0.639	1.948	LLH3	U	1.71	0.66	1.97	LLH3	U	pCi/L
R-53	Regional	959.7	04/14/10		CAPA-10-15923	-2.331	3.193	1.788	LLH3	U	-1.99	0.69	2.18	LLH3	U	pCi/L
R-53	Regional	849.2	04/19/10		CAPA-10-15928	-0.543	0.734	2.522	LLH3	U	-0.36	0.76	2.57	LLH3	U	pCi/L
R-53	Regional	849.2	07/26/10		CAPA-10-24174	-3.736	0.862	2.395	LLH3	U	-3.76	0.88	2.41	LLH3	U	pCi/L
R-53	Regional	959.7	07/26/10		CAPA-10-24179	-4.151	0.894	2.299	LLH3	U	-4.2	0.89	2.31	LLH3	U	pCi/L
R-53	Regional	849.2	10/12/10		CAPA-10-27456	3.225	0.83	2.171	LLH3		4.31	0.96	2.2	LLH3		pCi/L
R-53	Regional	959.7	10/12/10		CAPA-10-27464	3.097	0.798	2.107	LLH3		3.97	0.91	2.12	LLH3		pCi/L
R-53	Regional	959.7	01/13/11	PEB	CAPA-11-3096	10.058	1.724	2.299	LLH3		7.18	1.33	2.3	LLH3		pCi/L
R-53	Regional	959.7	01/13/11		CAPA-11-3092	2.746	0.798	2.203	LLH3		0.97	0.69	2.21	LLH3	U	pCi/L
R-53	Regional	959.7	01/13/11	FD	CAPA-11-3094	2.363	0.702	1.884	LLH3		1.49	0.63	1.91	LLH3	U	pCi/L
R-53	Regional	849.2	01/14/11		CAPA-11-3089	9.547	1.628	2.171	LLH3		9.04	1.56	2.19	LLH3		pCi/L
R-54	Regional	830	06/18/10		CAPA-10-18473	1.82	0.671	1.916	LLH3	U	-0.3	0.57	1.94	LLH3	U	pCi/L
R-54	Regional	915	06/18/10		CAPA-10-18479	1.916	0.702	2.012	LLH3	U	-0.56	0.6	2.03	LLH3	U	pCi/L
R-54	Regional	830	07/27/10		CAPA-10-24160	-6.801	1.341	3.257	LLH3	U	-6.65	1.36	3.28	LLH3	U	pCi/L
R-54	Regional	915	07/27/10		CAPA-10-24165	-3.161	0.734	2.012	LLH3	U	-3.19	0.74	2.04	LLH3	U	pCi/L
R-54	Regional	830	10/13/10		CAPA-10-27444	3.8	0.99	2.586	LLH3		2.38	0.88	2.61	LLH3	U	pCi/L
R-54	Regional	915	10/13/10		CAPA-10-27446	2.586	0.671	1.756	LLH3		4.61	0.91	1.76	LLH3		pCi/L
R-54	Regional	915	01/12/11		CAPA-11-3050	2.586	0.926	2.65	LLH3	U	0.91	0.82	2.68	LLH3	U	pCi/L
R-54	Regional	830	01/14/11		CAPA-11-3047	2.235	0.798	2.299	LLH3	U	0.85	0.71	2.32	LLH3	U	pCi/L

Tritium Samples Analyzed by ARSL[a] from Springs and Wells Collected between January 2008 and May 2011

Location	Zone	Screen Depth (ft)	Sample Date	QC[b] Type	Sample ID	Original Result	Original Uncertainty	Original MDA[c]	Original Method	Original Qualifier	Updated Result	Updated Uncertainty	Updated MDA	Updated Method	Updated Qualifier	Unit
R-55	Regional	860	09/09/10		CAPA-10-26320	4.247	1.149	3.033	LLH3		7.2	1.48	3.06	LLH3		pCi/L
R-55	Regional	994.4	09/14/10		CAPA-10-26324	3.097	0.83	2.203	LLH3		0.81	0.69	2.24	LLH3	U	pCi/L
R-55	Regional	994.4	02/01/11		CAPA-11-4726	-2.012	0.543	1.597	LLH3	U	-0.81	0.48	1.6	LLH3	U	pCi/L
R-55	Regional	860	02/07/11		CAPA-11-4718	-2.203	0.575	1.756	LLH3	U	-0.27	0.49	1.68	LLH3	U	pCi/L
R-55	Regional	860	04/28/11		CAPA-11-9505	-1.086	0.766	2.682	LLH3	U	-1.09	0.78	2.69	LLH3	U	pCi/L
R-55	Regional	994.4	04/28/11		CAPA-11-9508	-0.862	0.671	2.267	LLH3	U	-0.87	0.67	2.29	LLH3	U	pCi/L
R-56	Regional	1046.6	08/13/10		CAPA-10-24872	3.448	0.798	1.884	LLH3		0.98	0.59	1.89	LLH3	U	pCi/L
R-56	Regional	945	08/19/10		CAPA-10-24868	3.353	0.766	1.82	LLH3		1.43	0.6	1.83	LLH3	U	pCi/L
R-56	Regional	945	02/03/11		CAPA-11-4722	2.81	0.671	1.565	LLH3		2.05	0.57	1.52	LLH3		pCi/L
R-56	Regional	1046.6	02/07/11		CAPA-11-4731	-2.363	0.607	1.852	LLH3	U	-0.29	0.52	1.78	LLH3	U	pCi/L
R-57	Regional	971.5	06/25/10		CAPA-10-22406	-3.959	1.054	3.065	LLH3	U	-4.01	1.06	3.1	LLH3	U	pCi/L
R-57	Regional	910	07/01/10		CAPA-10-22387	-3.417	0.734	1.884	LLH3	U	-3.46	0.73	1.9	LLH3	U	pCi/L
R-6	Regional	1205	08/27/08		CALA-08-13902	-1.21	0.977	3.349	LLH3	U	-1.78	1.02	3.45	LLH3	U	pCi/L
R-6	Regional	1205	03/17/11		CALA-11-5173	-1.948	0.607	2.012	LLH3	U	-0.49	0.59	2.02	LLH3	U	pCi/L
R-60	Regional	1330	12/16/10		CAPA-11-2810	9.771	5.396	7.408	LLH3		1.1	0.71	2.32	LLH3	U	pCi/L
R-60	Regional	1330	01/24/11		CAPA-11-3055	2.586	0.607	1.469	LLH3		0.5	0.45	1.48	LLH3	U	pCi/L
R-60	Regional	1330	04/27/11		CAPA-11-9591	0.734	0.639	2.044	LLH3	U	0.73	0.63	2.07	LLH3	U	pCi/L
R-63	Regional	1325	04/12/11		CAWA-11-4911	-1.756	0.766	2.618	LLH3	U	-1.76	0.78	2.63	LLH3	U	pCi/L
R-7	Regional	915.1	01/23/08		CALA-08-9933	17.466	2.781	3.803	LLH3		1.05	1	3.28	LLH3	U	pCi/L
R-7	Regional	915.1	03/24/11		CALA-11-5185	4.087	1.022	2.491	LLH3		1.37	0.79	2.51	LLH3	U	pCi/L
R-8	Regional	825	09/03/08		CALA-08-13909	1.114	0.846	2.746	LLH3	U	1.13	0.85	2.77	LLH3	U	pCi/L
R-8	Regional	711.1	03/16/11		CALA-11-5178	-1.788	0.702	2.299	LLH3	U	0.23	0.69	2.34	LLH3	U	pCi/L
R-8	Regional	825	03/16/11		CALA-11-5183	-1.469	0.575	1.884	LLH3	U	0.43	0.57	1.91	LLH3	U	pCi/L
R-9	Regional	684	03/07/11		CALA-11-5176	8.685	1.501	1.916	LLH3		8.54	1.47	1.94	LLH3		pCi/L
Test Well 3	Regional	805	03/17/11		CALA-11-5188	4.183	1.054	2.554	LLH3		3.29	0.96	2.57	LLH3		pCi/L
Test Well 8	Regional	953	02/12/08		CAMO-08-10529	10.122	4.374	4.949	LLH3		10.22	2.25	4.96	LLH3		pCi/L
Test Well 8	Regional	953	02/12/08	FD	CAMO-08-10528	7.408	3.321	3.927	LLH3		7.48	1.71	3.95	LLH3		pCi/L
Test Well DT-10	Regional	1078.4	04/14/10		CAAN-10-15262	-0.415	0.575	1.948	LLH3	U	-0.48	0.59	1.99	LLH3	U	pCi/L
Test Well DT-10	Regional	1078.4	09/24/10		CAAN-10-25934	2.491	0.862	2.491	LLH3	U	2.92	0.9	2.5	LLH3		pCi/L
Test Well DT-5A	Regional	1172	04/13/10		CAAN-10-15258	-1.66	3.193	1.788	LLH3	U	-1.14	0.48	1.54	LLH3	U	pCi/L
Test Well DT-5A	Regional	1172	09/27/10		CAAN-10-25937	2.075	0.702	2.044	LLH3		0.58	0.63	2.08	LLH3	U	pCi/L
Test Well DT-9	Regional	819	10/15/08		CAAN-08-16112	72.836	11.07	3.388	LLH3		73.48	11.17	3.42	LLH3		pCi/L
Test Well DT-9	Regional	819	10/15/08	FD	CAAN-08-16113	-5.98	1.261	3.305	LLH3	U	n/a	n/a	n/a	n/a	n/a	pCi/L
Test Well DT-9	Regional	819	04/23/10		CAAN-10-15261	2.603	0.745	2.011	LLH3		1.01	0.64	2.03	LLH3	U	pCi/L
Test Well DT-9	Regional	819	09/24/10		CAAN-10-25940	2.682	0.926	2.65	LLH3		1.98	0.88	2.69	LLH3	U	pCi/L
Ancho Spring	Regional Spring	0	09/30/08		CAWR-08-15525	0.07	0.776	2.625	LLH3	U	0.07	0.78	2.65	LLH3	U	pCi/L
Ancho Spring	Regional Spring	0	09/28/10		CAWR-10-25326	13.57	2.299	2.874	LLH3		9.71	1.76	2.9	LLH3		pCi/L
La Mesita Spring	Regional Spring	0	09/26/08		CAWR-08-15463	-2.944	1.07	3.496	LLH3	U	-2.97	1.08	3.53	LLH3	U	pCi/L
La Mesita Spring	Regional Spring	0	10/07/10		CAWR-10-25330	-77.418	62.856	212.721	LLH3	U	-77.42	62.86	212.72	EPA:906.0	U	pCi/L
Sacred Spring	Regional Spring	0	09/26/08	FD	CAWR-08-15462	-0.45	1.003	3.426	LLH3	U	-0.45	1.02	3.46	LLH3	U	pCi/L
Sacred Spring	Regional Spring	0	09/26/08		CAWR-08-15456	-2.436	1.041	3.464	LLH3	U	-2.46	1.05	3.5	LLH3	U	pCi/L
Sacred Spring	Regional Spring	0	10/06/10	FD	CAWR-10-26567	21.361	3.321	2.171	LLH3		21.56	3.36	2.2	LLH3		pCi/L
Sacred Spring	Regional Spring	0	10/06/10		CAWR-10-25332	-24.351	63.72	214.113	LLH3	U	-24.35	63.72	214.11	EPA:906.0	U	pCi/L
Sacred Spring	Regional Spring	0	10/06/10	PEB	CAWR-10-25341	-51.49	63.916	215.589	LLH3	U	-51.49	63.92	215.59	EPA:906.0	U	pCi/L
Sandia Spring	Regional Spring	0	09/25/08		CAWR-08-15466	-2.602	1.044	3.455	LLH3	U	-2.63	1.05	3.48	LLH3	U	pCi/L
Spring 1	Regional Spring	0	09/27/10		CAWR-10-25418	3.448	0.766	1.756	LLH3		2.83	0.73	1.88	LLH3		pCi/L
Spring 2	Regional Spring	0	09/27/10		CAWR-10-25422	5.237	1.181	2.714	LLH3		3.86	1.08	2.87	LLH3		pCi/L

Tritium Samples Analyzed by ARSL[a] from Springs and Wells Collected between January 2008 and May 2011

Location	Zone	Screen Depth (ft)	Sample Date	QC[b] Type	Sample ID	Original Result	Original Uncertainty	Original MDA[c]	Original Method	Original Qualifier	Updated Result	Updated Uncertainty	Updated MDA	Updated Method	Updated Qualifier	Unit
Spring 3	Regional Spring	0	09/29/08		CAWR-08-15484	-1.507	1.05	3.576	LLH3	U	-1.52	1.06	3.61	LLH3	U	pCi/L
Spring 3	Regional Spring	0	09/27/10		CAWR-10-25426	10.537	1.756	2.012	LLH3		8.71	1.51	2.12	LLH3		pCi/L
Spring 3A	Regional Spring	0	09/29/08	FD	CAWR-08-15493	-0.75	1.076	3.678	LLH3	U	-0.76	1.09	3.71	LLH3	U	pCi/L
Spring 3A	Regional Spring	0	09/29/08		CAWR-08-15491	-1.357	1.031	3.515	LLH3	U	-1.37	1.04	3.55	LLH3	U	pCi/L
Spring 3A	Regional Spring	0	09/27/10		CAWR-10-25438	3.353	0.798	1.948	LLH3		2.63	0.76	2.08	LLH3		pCi/L
Spring 3A	Regional Spring	0	09/27/10	FD	CAWR-10-25442	3.193	0.766	1.884	LLH3		2.07	0.69	1.98	LLH3	U	pCi/L
Spring 3AA	Regional Spring	0	09/29/08		CAWR-08-15486	-2.644	1.041	3.445	LLH3	U	-2.67	1.05	3.48	LLH3	U	pCi/L
Spring 3AA	Regional Spring	0	09/27/10		CAWR-10-25447	3.385	0.83	1.98	LLH3		3.74	0.88	2.1	LLH3		pCi/L
Spring 4	Regional Spring	0	09/29/08		CAWR-08-15502	3.496	1.236	3.579	LLH3	U	3.53	1.24	3.61	LLH3	U	pCi/L
Spring 4	Regional Spring	0	09/27/10		CAWR-10-25434	12.101	2.012	2.299	LLH3		9.76	1.7	2.43	LLH3		pCi/L
Spring 4A	Regional Spring	0	09/29/08		CAWR-08-15512	-0.287	0.785	2.682	LLH3	U	-0.29	0.8	2.71	LLH3	U	pCi/L
Spring 4A	Regional Spring	0	09/27/10		CAWR-10-25451	3.448	0.83	2.012	LLH3		2.97	0.81	2.15	LLH3		pCi/L
Spring 4AA	Regional Spring	0	09/29/08		CAWR-08-15516	1.526	0.897	2.848	LLH3	U	1.54	0.9	2.87	LLH3	U	pCi/L
Spring 4AA	Regional Spring	0	09/27/10		CAWR-10-25455	3.576	0.862	2.075	LLH3		4.12	0.95	2.22	LLH3		pCi/L
Spring 4B	Regional Spring	0	09/29/08		CAWR-08-15504	16.961	2.883	3.634	LLH3		17.11	2.91	3.67	LLH3		pCi/L
Spring 4B	Regional Spring	0	09/27/10		CAWR-10-25456	29.535	4.566	2.363	LLH3		27.12	4.21	2.51	LLH3		pCi/L
Spring 4C	Regional Spring	0	09/29/08		CAWR-08-15508	4.662	1.118	2.676	LLH3		4.7	1.13	2.7	LLH3		pCi/L
Spring 5	Regional Spring	0	04/30/08		CAWR-08-12114	1.628	2.459	8.238	LLH3	U	1.66	2.49	8.32	LLH3	U	pCi/L
Spring 5	Regional Spring	0	09/30/08		CAWR-08-15521	-2.232	1.095	3.682	LLH3	U	-2.25	1.1	3.71	LLH3	U	pCi/L
Spring 5	Regional Spring	0	09/28/10		CAWR-10-25339	2.874	0.734	1.916	LLH3		4.93	0.98	1.92	LLH3		pCi/L
Spring 5A	Regional Spring	0	09/30/08		CAWR-08-15528	-0.3	1.095	3.733	LLH3	U	-0.3	1.11	3.77	LLH3	U	pCi/L
Spring 5B	Regional Spring	0	09/28/10		CAWR-10-26573	-46.53	63.881	215.33	EPA 906.0	U	-46.53	63.88	215.33	EPA:906.0	U	pCi/L
Spring 6	Regional Spring	0	09/30/08		CAWR-08-15532	-1.376	1.031	3.515	LLH3	U	-1.39	1.04	3.55	LLH3	U	pCi/L
Spring 6	Regional Spring	0	09/30/08	FD	CAWR-08-15534	-2.05	1.118	3.781	LLH3	U	-2.07	1.13	3.81	LLH3	U	pCi/L
Spring 6	Regional Spring	0	09/28/10	FD	CAWR-10-25378	3.385	0.862	2.235	LLH3		1.52	0.73	2.26	LLH3	U	pCi/L
Spring 6	Regional Spring	0	09/28/10		CAWR-10-25376	3.289	0.862	2.171	LLH3		6.19	1.19	2.21	LLH3		pCi/L
Spring 6A	Regional Spring	0	09/30/08		CAWR-08-15542	-1.82	1.07	3.627	LLH3	U	-1.84	1.08	3.66	LLH3	U	pCi/L
Spring 6A	Regional Spring	0	09/28/10		CAWR-10-25382	3.193	0.766	1.82	LLH3		2.56	0.72	1.93	LLH3		pCi/L
Spring 7	Regional Spring	0	09/28/10		CAWR-10-25386	3.736	0.894	2.139	LLH3		2.85	0.83	2.26	LLH3		pCi/L
Spring 8A	Regional Spring	0	09/30/08		CAWR-08-15550	0.498	0.795	2.657	LLH3	U	0.5	0.8	2.68	LLH3	U	pCi/L
Spring 8A	Regional Spring	0	09/28/10		CAWR-10-25392	3.768	0.894	2.139	LLH3		1.4	0.73	2.29	LLH3	U	pCi/L
Spring 9	Regional Spring	0	09/30/08		CAWR-08-15537	-1.555	1.031	3.512	LLH3	U	-1.57	1.04	3.54	LLH3	U	pCi/L
Spring 9	Regional Spring	0	09/29/10		CAWR-10-25395	3.608	0.862	2.044	LLH3		1.74	0.72	2.18	LLH3	U	pCi/L
Spring 9A	Regional Spring	0	10/01/08		CAWR-08-15539	-1.558	1.105	3.768	LLH3	U	-1.57	1.12	3.8	LLH3	U	pCi/L
Spring 9A	Regional Spring	0	09/28/10		CAWR-10-25398	4.63	1.086	2.65	LLH3		1.58	0.89	2.81	LLH3	U	pCi/L
Spring 9B	Regional Spring	0	10/01/08		CAWR-08-15552	-0.837	0.76	2.599	LLH3	U	-0.84	0.77	2.62	LLH3	U	pCi/L
Spring 9B	Regional Spring	0	09/29/10		CAWR-10-25401	4.247	0.958	2.171	LLH3		2.2	0.79	2.32	LLH3	U	pCi/L

[a] ARSL = American Radiation Services Laboratory.

[b] QC = Quality control.

[c] MDA = Minimum detectable activity.

[d] LLH3 = Low-level tritium analysis.

[e] n/a = Not applicable. Original result is retained.

[f] FD = Field duplicate.

[g] U = Not detected.

[h] Performance evaluation blanks.